1908AnHar..50....1P

# ANNALS

OF

# THE ASTRONOMICAL OBSERVATORY OF HARVARD COLLEGE

EDWARD C. PICKERING, DIRECTOR

## VOLUME L

# REVISED HARVARD PHOTOMETRY

A CATALOGUE OF THE POSITIONS, PHOTOMETRIC MAGNITUDES AND SPECTRA OF 9110 STARS, MAINLY OF THE MAGNITUDE 6.50, AND BRIGHTER

OBSERVED WITH THE 2 AND 4 INCH

## MERIDIAN PHOTOMETERS

---

PRINTED FROM THE FAIRCHILD FUND

---

CAMBRIDGE, MASS.
Published by the Observatory
1908

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P

# PREFACE.

THE principal results of the measures of bright stars with the Meridian Photometers, during the years 1879 to 1906, are contained in the present Volume. They furnish magnitudes of 9,110 bright stars in all parts of the sky. The Catalogue, designated as the Revised Harvard Photometry, also gives the class of spectrum, and the measures made elsewhere, of the photometric brightness and color of these stars. As it is often convenient to refer to the individual stars in such a Catalogue, a number for reference is prefixed to each, and it is recommended that the abbreviation H. R., followed by this number, be used to designate the individual stars. The letters H. P. are in general use in referring to the Harvard Photometry, published in Volume XIV of these Annals. An extension of this notation, described below, has been adopted for the publications and discoveries of this Observatory. The letters H. A. will be used to designate the Annals, the letters H. B. the Bulletins, mainly relating to astronomical discoveries or observations, and the letters H. C. the Circulars. Heavy faced figures will be used to designate the volumes of the Annals, and Roman figures, the pages. The latest numbers of these publications will accordingly be designated as H. A. **62**, H. B. 325, and H. C. 136. The letters H. N. have already been used in H. A. **60**, No. VI, to designate the nebulae discovered here. Numbers are there assigned to 1,238 of these objects, and about a thousand more are as yet unpublished. The letters H. V. are now substituted for H. in designating variables discovered at Harvard, and numbered as described in H. A. **53**, 147. The numbers thus assigned now amount to 3,059. The letters H. A., H. B., H. C., H. N., H. P., H. R., and H. V., will thus be used to designate different portions of the publications or discoveries of this Observatory. The first letter, H, indicates Harvard, and the second, is generally the initial of the object to which it refers.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



The numbers of photometric settings made by the various observers with the Meridian Photometers are as follows: — S. I. Bailey, in H. A. **34**, **46**, 235,924; O. C. Wendell, in H. A. **14**, **23**, **24**, 123,544; A. Searle, in H. A. **14**, 28,136 ; R. H. Frost, unpublished, 11,352 ; E. C. Pickering, in H. A. **14**, **23**, **24**, **44**, **45**, **46**, 683,104. The number of settings made with the 2-inch Photometer is 94,476, with the 4-inch Photometer, 987,584. A large portion of these observations relate to stars fainter than the magnitude 6.50, and are therefore, not included in this Volume. If we add to these 646,732, the number taken with the 12-inch Meridian Photometer, we have the total, 1,728,792. Besides these, during the last thirty years, an average of about fifteen thousand photometric settings has been made annually with the 15-inch Equatorial, and about sixty thousand in all with the Rumford Photometer attached to the 13-inch Boyden Telescope. The total number, therefore, exceeds two million.

A large number of persons have taken part in the work of reduction, discussion, and preparation for publication of the observations contained in this Volume. The preparation for publication of H. A. **14**, was made with the help of Professor Searle. The reduction of the observations contained in H. A. **24** was made mainly under the direction of Professor Wendell. The reduction of the later observations was made mainly under the direction of Mrs. Fleming, who also has devoted a large part of her time to the supervision of the preparation for publication of the present Volume. Valuable aid in the reduction of the later volumes has also been given by Miss Florence Cushman, Miss Mabel A. Gill, Miss Amy J. McKay, and Miss Mabel C. Stevens.

EDWARD C. PICKERING,
*Director of the Observatory of Harvard College.*

CAMBRIDGE, U. S., *March 30, 1908.*

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P

# CONTENTS.


| | | Page |
|---|---|---|
| Preface | | iii |
| Table I. | Revised Harvard Photometry | 17 |
| II. | Photometric Magnitudes, 1902 to 1906 | 225 |
| III. | Constellation in Harvard Photometry | 228 |
| IV. | Stars common to Bonn and Cordoba Durchmusterungs | 229 |
| V. | Stars common to D.C. and C.P.D | 230 |
| VI. | Comparison with Potsdam | 234 |
| VII. | Index to Bayer and Lacaille Letters | 237 |


John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P

# REVISED HARVARD PHOTOMETRY.

THE present volume is intended to give, in a convenient form and in a single catalogue, the principal results obtained with the meridian photometers, for all the bright stars. The catalogue contains the concluded magnitudes of 9,110 stars of the magnitude 6.5 and brighter, distributed over the entire sky from the North, to the South, Pole. It furnishes the means of determining the individual magnitudes in the eight principal catalogues compiled from the observations with these instruments. The magnitudes from eight other catalogues, the colors of the northern stars, the photographic magnitudes, and the class of spectrum, are also given.

Observations with the meridian photometer have been carried on continuously from 1879 to 1906, and the total number of photometric settings is 1,082,060. As a complete account of the two photometers will be found in H. A., 14 and 23, a brief description only is given here. The meridian photometer consists of a telescope placed horizontally, and pointing either east or west. It has two similar objectives, and a mirror or reflecting prism of 45° is placed in front of each. A star near the Pole is kept in the field of one objective, and by turning the mirror any star near the meridian may be brought into the field of the other. If the images of these stars are examined by an ordinary eye-piece, both can be seen, but the two emergent pencils will not coincide. Accordingly, if the eye is moved slightly, their relative brightness will appear to change, as a part of one or the other pencil is cut off by the edge of the pupil. This difficulty is remedied by inserting a double image prism near the focus, which doubles each of the pencils and makes two of them coincide, while the other two are cut off by the eyestop. It also polarizes the light, so that the relative brightness may be varied at will by a Nicol prism placed in front of the eye-piece. The prism may be turned any desired amount, and this is measured by a graduated circle and index. The law regulating this change is even better established than that of gravitation, since it depends upon the simple trigonometrical law that the sum of the squares of the sines and cosines of any angle

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



always equals unity. Some years ago, the attempt was made to show experimentally that this law did not apply to a Nicol prism, the mistake arising from the failure to use parallel rays. In the case of a conical beam, the point of disappearance will vary with different portions.

Each star in turn, as it crosses the meridian, may be compared with the polar star, but many precautions must be taken to avoid serious error. Nearly every error may be eliminated by reversion, for which the instrument is especially adapted. For instance, to eliminate the effect of unequal sensitiveness of different portions of the retina the positions of the two images were always reversed, that of the polar star being to the right in one-half of the measures, and to the left in the other half. The elliptical polarization of the silvered glass mirrors is similarly eliminated by reversing the double image prism. The correction for atmospheric absorption was found by observing circumpolar stars at upper and lower culmination.

The mistake of supposing that the accuracy of the measures depended on the constancy in the light of the Pole Star has frequently been made. Variations in its light, if they existed, would have no effect on the final magnitudes. The actual standard is the mean magnitude of one hundred circumpolar stars of about the fifth magnitude, each of which has been observed on two or three hundred nights. From 1879 to 1882, the stars were compared with the Pole Star, and a discussion of the results showed that its variation in light, if any, was too small to be detected. Since then, the stars observed in Cambridge have been compared with $\lambda$ Ursae Minoris, those observed in Peru with $\sigma$ Octantis. Neither of these stars appears to vary perceptibly, but if they did, the variation would have no effect on the final measures.

The problem of determining the magnitudes of the stars, on a scale all of whose divisions shall be exactly equal to a given ratio, is one of great difficulty and seems at present beyond our reach, even when the colors are the same. As already stated, it may be claimed for the meridian photometer that it possesses many advantages in the ease with which almost every form of error may be eliminated by reversion, and, as is shown in H. A., 23, 240, it is difficult to find a reasonable source of systematic error. It will be noticed, in the Catalogue contained in Table I, that the results of various measures with the meridian photometers are remarkably accordant, considering that two instruments differing in size and construction were used, that five observers took part in the work, and that some of the observations were made in North, others in South, America. For instance, the mean of the 138 residuals given in the column headed photo-

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



metric residuals on page 18 is only $\pm 0.070$. The accidental errors are not so small with the meridian photometer as with certain other photometers in which stars nearer together are compared. It is probable that these errors are largely due to the varying transparency of the air in different portions of the sky. They do not appear to be much reduced even when great care is taken in making the settings. When nearly a minute was spent on each setting, the accordance of the results was no greater than when this time was only a few seconds. The advantages of rapid measurements are very great, as they enable us to observe a large number of stars under nearly the same conditions. Accidental errors can be reduced indefinitely by repetition. Great care was taken to reduce the amount of time lost while observing with this instrument. A skilful observer and recorder can measure about one star a minute, or sixty an hour, each star being carefully identified, and four photometric settings being made of each. The observer, screened from the light, after identifying the star, used all the time he wished in making the settings, and generally was obliged to wait for the recorder. The time of the latter was fully occupied in making the records. In discussing such observations, undue importance is too often given to the accordance of the measures, and this has been used to judge of the quality of the work. Observations by several persons on different nights and with different instruments may appear to be discordant, yet their mean may be much more valuable than if all had been made by the same observer on the same night. In the latter case, they may be accordant although the same error affects them all.

When stars of different colors are compared, the difficulty of determining their relative brightness is greatly increased. It will, in fact, differ with each different wave length, and must be represented not by a number, but by a curve. The first attempt to do this on a large scale was made in the Draper Catalogue, H. A., 26 and 27, in which the relative intensity of the light whose wave length was about 4320 was compared in ten thousand stars. This work was supplemented by measures of the relative brightness of rays of different wave lengths in stars whose spectra are of different types. See Astron. and Astrophys. 11, 22. When we wish to compare the total light of stars of different colors, many new sources of error appear. Each lens or mirror introduces a new error, and changes the entire scale of magnitudes for stars of different colors. The defects of the eye, especially the Purkinje phenomenon, cause large errors. A comparison of photometric and photographic magnitudes, if both are surely on the same scale, or of photographs taken with ordinary and with isochromatic plates using a color screen, should furnish a quantitative measure of the color. The

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



type of spectrum furnishes an excellent means of correcting for color. A cruder method is to estimate the color of the star directly. The close agreement of the correction for color, in the catalogues of the Durchmusterung, the Uranometria Oxoniensis, and the meridian photometer catalogues, appears in the discussion given in Science, **24**, 571, and renders it probable that our scale is nearly the same as that of the normal eye.

In the comparisons that, so far, have been made of the magnitudes determined by the meridian photometers, with those obtained with other instruments, an important source of error appears to have been overlooked. This is the error introduced when mean values are used to determine the relation of two variables both subject to accidental error. It is pointed out in H. A., **26**, 168, and its serious character appears from a comparison of Tables XXIV and XLVI of that work.

The first meridian photometer had telescopes with apertures of only two inches, and the images of the stars were reflected into them by glass prisms having angles of 45°. As stated above, each star was compared with the Pole Star, and stars much fainter than the sixth magnitude could not readily be observed. The first research undertaken with this instrument was the determination of the light of 4,260 stars, of the magnitude 6.0 and brighter, north of declination − 30°. A complete description of the instrument, and a discussion of the results are given in H. A., **14**. The catalogue gives, besides the photometric measures, the results of eye estimates of all the stars, and the brightness of each in all the principal catalogues, from the time of the Almagest and its revision by Sûfi. The number of photometric measures in H. A., **14**, is 94,476.

In order to extend the work to the fainter stars, a second photometer was constructed in 1881. The apertures of the objectives were four inches, and silvered glass reflectors were substituted for the reflecting prisms. This instrument is described in H. A., **23**, which also gives a discussion of the work done with it during the years 1882 to 1888. 267,092 photometric settings were made, on 20,892 stars, and the resulting magnitudes are contained in H. A., **24**. All Durchmusterung stars of the magnitude 9.0 and brighter, and contained in a series of zones 20′ wide, were measured. These zones were selected at intervals of 5°, from declination −20° to the North Pole. A large number of additional stars, including those indicated by letters in the Bonn Durchmusterung, were also observed, and the results are given in H. A., **24**, Table I. Table IV of the same work contains 3,180 other miscellaneous stars.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



In order to extend this work to the southern stars, the second meridian photometer was sent in 1889 to South America, where 98,744 settings were made upon 7,922 stars. The results are published in H. A., **34**. Stars of the sixth magnitude and brighter, and south of declination $-30°$, are combined in a separate catalogue, H. A., **34**, 225, under the title, "Southern Harvard Photometry." The Harvard Photometry is thus rendered complete for the entire sky. Zones of stars 20′ wide, and at intervals of 5° in declination, from $-25°$ to the South Pole, were also observed. All stars, in these regions, contained in the Argentine General Catalogue and Zones were included. The researches contained in H. A., **14** and **24**, were thus extended to the South Pole.

In 1891, the photometer was brought back to Cambridge, and a much larger research was undertaken. It was then nearly ten years since the completion of the Harvard Photometry, and a second observation of these stars seemed desirable, to detect secular changes in light, if any. Moreover, the first measures were made with the smaller instrument, now superseded by the second meridian photometer. The results of these measures were published in H. A., **44**, under the title, "Photometric Revision of the Harvard Photometry." The selection of this title was an unfortunate one, since it has sometimes been confounded with that of the present volume. In 1895, when this work was nearly completed, measures were undertaken of all stars of the magnitude 7.5 and brighter, and north of declination $-40°$. These stars were selected from the Bonn and Cordoba Durchmusterungs. The results are given in H. A., **45**, under the title, "A Photometric Durchmusterung." The Harvard Photometry is thus extended to the seventh magnitude, or fainter. As the brighter stars had already been measured, and the results published in previous volumes, they were not measured again, but the results were included in H. A., **45**, for convenience of reference. These magnitudes are there entered in Italics, in order that there may be no difficulty in distinguishing the earlier, from the later, measures. These two investigations, extending over the years 1891 to 1898, involved 473,216 photometric settings on 29,587 stars. Numerous additional objects, such as variables, comparison stars, asteroids, etc., were also observed, and a portion of them are described in H. A., **46**, Part II.

In 1899, the meridian photometer was sent to Arequipa for the second time. The principal objects were to extend, to the South Pole, the investigation published in H. A., **45**, and to redetermine the magnitudes of the bright southern stars contained in H. A., **34**. The observing list contained all the stars of the magnitude 7.0 and brighter, and south of declination $-30°$, in

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



the Argentine General Catalogue. 59,428 settings on 5,332 stars were made, and the results are contained in H. A., 46, Chapter I. The method of reduction is discussed in Chapter III of the same work.

The photometer was brought back to Cambridge in 1900, and measures were undertaken of a series of stars, to determine the accuracy attainable when measures were made with the greatest care. The sky was divided into regions about 10° square, and so far as possible a star whose spectrum was of the first type, and of about the fifth magnitude, was selected near the centre of each region. Each star was observed on ten nights, two sets of four settings each being made on each night. No observations were made on nights during which the presence of clouds was suspected. The results are given in H. A., 46, Chapter II, and discussed in Chapter IV of the same work. The number of photometric settings is 50,816, and the number of stars observed, 839. These observations fail to show a marked improvement over those in the earlier volumes, and we may, therefore, conclude that the outstanding errors are largely due to causes beyond our control, such as unequal transparency of different portions of the sky. The observations required to complete this work to the South Pole were made in the years 1902 to 1906, the photometer having been sent for the third time to Arequipa for this purpose. 38,288 settings on 866 stars have been made, but the resulting magnitudes have not yet been published. A comparison with the magnitudes in Table I will be found in Table II.

In compiling the Revised Harvard Photometry, an attempt has been made to include all stars of the photometric magnitude 6.5, and brighter. All stars having this magnitude in either of the meridian photometer catalogues have been inserted. Many fainter stars are thus included, but this is not objectionable, since in a general discussion they may be readily omitted. A few other stars, given as bright in other catalogues, are also included. Variables and novae, which at maximum are as bright as the magnitude 6.5, have been added from H. A., 55, Part I. If, therefore, any star, not in the present Catalogue, is found to be brighter than the magnitude 6.5, it is probably an object of interest.

Double, or adjacent, stars always present especial difficulties in a catalogue like this. In general, when the components are of the magnitude 7.0 or brighter, a line and number is assigned to each. The position and magnitude of an adjacent faint star, especially when it occurrs in the Argentine General Catalogue, is sometimes indicated in the Remarks following Table I. It is difficult,

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



in many cases, to decide whether the object observed was the brighter component, or both combined. In the Uranometria Nova, the combined light of two faint stars is sometimes given when they are as much as 10′ apart. Faint stars exist near every bright star, and it is impossible to tell how much its light is affected by them. Sometimes, the combined light of two stars was measured with the smaller photometer, while one or both were measured with the larger instrument. The light of more distant stars was combined when the naked eye was used, while with larger telescopes still closer stars were separated. When both components of a double star were measured, the combined light was determined by means of the table given in H. A., 33, 287. On the other hand, when the combined light was measured, the light of the two components could be computed by means of the same table, if the difference in light had been measured. This has been done, in many cases, with the results given in H. A., 11, 145. A polarizing photometer was employed, in which a double image prism was moved along the axis of the telescope. Many other similar measures, as yet unpublished, have been made here, and have been utilized in the same way. Similar computations of southern doubles have been made from unpublished observations taken in Arequipa. In a few cases, the same method is used to determine the combined light of three or more stars. Precedence was given to measures of the two components with the meridian photometer. When two stars were sometimes observed separately and sometimes combined, all the observations were generally reduced to the combined light, and the mean taken. The light of the components was then computed, and compared with the measures of each. So many psychological effects enter into the observations of double stars, that it is generally safer to reject them when discussing the measures of other stars.

An explanation of each of the columns in Table I is given below. For convenience of reference, the heading of each column is here prefixed to the description of it. The letter R refers to the Remarks following the Catalogue. Observations of variable stars are indicated by the letter V.

H. R. — A current number, which may be used to designate the stars. For reasons stated in the Preface, it is recommended that references to this catalogue should be made by means of these numbers, preceded by the letters H. R., which may be regarded as an abbreviation of Revised Harvard Photometry. When two stars are near together, a separate number is given to each, if both are bright enough to be included in the list. In the subsequent columns, facts relating to the combined light of these stars are placed between the lines. A similar form

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



is sometimes used for three or more adjacent stars. Occasionally, fainter stars are included, since it is better to insert a star that is faint, than to omit one that is bright.

Constellation. — For stars north of the Equator in 1900, the constellation is taken from the Harvard Photometry, in which the boundaries of the constellations are based on Argelander's Uranometria Nova, as modified by Heis in his Atlas Coelestis Novus. For northern stars not contained in the Harvard Photometry, the constellation has been taken from the Atlas of Heis. For stars south of the Equator, the constellation is taken from the Argentine General Catalogue, or from the boundaries given in the Uranometria Argentina. When the constellation thus obtained differs from that given in the Harvard Photometry, it is printed in Italics, and the constellation in the latter work is given in Table III. This does not apply to the constellation Argo, since, following Argelander, stars in the sub-divisions, Puppis, and Malus, are given as Argo in the Harvard Photometry. The abridgment of the name is of less importance, since the use of the division into constellations is now greatly restricted.

B. Fl. — The letters assigned to the northern stars by Bayer, to the southern stars by Lacaille, and the numbers assigned by Flamsteed. In general, the identifications for northern stars have been taken from the Harvard Photometry, for southern stars, from the Argentine General Catalogue. For stars not contained in these works, the identifications of Heis and Baily have been followed. For stars in which these designations differ in the two catalogues, both are given in the Remarks. The Flamsteed number is placed in Italics when the constellation adopted by Flamsteed differs from that given in the second column. The constellation, according to Flamsteed, is then given in the Remarks following the Table.

DM. — The number of the star in the Zone of the Bonn Durchmusterung, when its position for 1855 was north of declination $-23°$. For stars south of this limit, and whose declination in 1875 was north of $-52°$, the Cordoba Durchmusterung was used, and for stars south of $-52°$, the Cape Photographic Durchmusterung was used. Stars common to the Bonn and Cordoba Durchmusterungs are given in Table IV. The number of the zone is generally the same as the degree of declination given in the eighth column. When they differ, owing to precession, the number in the fourth column is placed in Italics. The number of the nearest zone is then to be substituted. For stars between $6^h$ and $18^h$ of right ascension, the nearest zone is always the northern, for other stars, the southern.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



H. P. — The number of the star in the Harvard Photometry, H. A., **14**, when it is contained in that work and is north of declination − 30°. For other stars, the number is placed in Italics, and is that of the Southern Harvard Photometry, H. A., **34**. When a star occurs in both catalogues, one number is given in the Table, and the other in the Remarks.

A. G. C. — The number of the star in the Argentine General Catalogue.

R. A. 1900. — The minutes and tenths of the right ascension for 1900. The hour is given in heavy-face figures at the top of the page. The reasons for using tenths of a minute, instead of seconds, are given in H. A., **26**, 226. This degree of accuracy is sufficient to indicate a bright star with certainty, while if more space were given to positions, less would be available for the distinctive features of the Table.

Dec. 1900. — The declination for 1900, expressed in degrees and minutes.

Magn. — The concluded magnitude of the star, found by taking the mean of the magnitudes, derived from the measures with the meridian photometers, and contained in the various catalogues indicated in the second line of the headings of the next column. Equal weights are thus given to the results of each catalogue, independently of the number of observations from which they are derived. This plan was adopted, since systematic errors are much more to be apprehended than accidental errors. The conditions vary so much in the different catalogues, as regards size of instrument, observers, latitude, and climate, that the systematic errors in one catalogue may well have an opposite sign in another. The number of observations of each star in each catalogue is generally sufficient to render the accidental errors small. Nebulae, novae, and variables are indicated by the abbreviations neb., nov., and var., respectively. In the case of stars whose variability is small or doubtful, the mean magnitude is given.

Photometric Residuals. — The residuals found by subtracting the mean from the individual magnitudes are given in this column. They are expressed in hundredths of a magnitude, negative values being indicated by Italics. The magnitude in each catalogue may thus be found by adding the residual to the mean magnitude given in the preceding column, headed Magn. When the concluded magnitude depends on the measures in a single catalogue, the letter A is substituted for the residual. A more exact statement regarding each catalogue is given below, preceded by the number in the second line of the heading.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



14. — Residuals from magnitudes given in the thirteenth column of Table XXVII, page 101. Thus, the magnitude of H. R. 3 = H. P. 4259 is 4.68 — .06 = 4.62, in H. A., **14**, page 272.

23. — Residuals from magnitudes given in the nineteenth column of Table VI, page 64, and the fourth column of Table XVII, page 98. Thus, the magnitude of H. R. 21 = H. P. 9 is 2.42 − .03 = 2.39, as given in H. A., **23**, page 64. The magnitude of H. R. 13 = Stone 15 is 5.71 + .09 = 5.80, as given in H. A., **23**, page 98.

24,1. — Residuals from magnitudes given in the fifth column of Table I, page 7. Thus the magnitude of H. R. 1 = + 44° 4550 is 6.51 +.01 = 6.52, as given in H. A., **24**, page 102.

24,4. — Residuals from magnitudes given in the sixth column of Table IV, page 203. Thus, the magnitude of H. R. 4 = M. P. 1 is 5.66 − .06 = 5.60, as given in H. A., **24**, page 204.

34. — Residuals from magnitudes given in the sixth column of Table VII, page 107. Thus, the magnitude of H. R. 6 = S. M. P. 5 is 5.77 − .17 = 5.60, as given in H. A., **34**, page 108.

44. — Residuals from magnitudes given in the fifth column of Table I, page 5. Thus, the magnitude of H. R. 1 = + 44° 4550 is 6.51 − .03 = 6.48, as given in H. A., **44**, page 5.

45. — Residuals from magnitudes given in the fifth column of the table on page 9, entitled "A Photometric Durchmusterung." Thus, the magnitude of H. R. 1 = + 44° 4550 is 6.51 + .03 = 6.54, as given in H. A., **45**, page 9.

46. — Residuals from magnitudes given in the fifth column of Table I, page 5, and the fifth column of Table VI, page 98. Thus, the magnitude of H. R. 6 = A. G. C. 32446 is 5.77 +.17 = 5.94, as given in H. A., **46**, page 5. The magnitude of H. R. 3 = A. G. C. 32431 is 4.68 +.04 = 4.72, as given in H. A., **46**, page 98.

Catalogue Residuals. — The residuals in this column are found by subtracting the adopted magnitude given in the ninth column, headed Magn., from the magnitudes in eight different catalogues indicated in the sub-headings. They are expressed in hundredths of a magnitude, negative values being indicated by Italics. No correction is applied to these residuals to correct for systematic errors, in order that the original magnitude may be readily found by adding the residual to the adopted magnitude.

H. — Residuals from magnitudes derived from observations of the Flamsteed stars, by Sir William Herschel. This is the earliest precise determination of

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



the light of the stars. In general, each star was compared with two other Flamsteed stars of very nearly the same brightness, and the differences estimated. Four catalogues were published by Herschel, in Philosophical Transactions, 1796, page 166; 1796, page 452; 1797, page 293; 1799, page 121. They covered about two-thirds of the sky visible in England. Two other catalogues completing the work were prepared by Herschel, but were not known to exist until they were found by the writer when at Collinwood, in 1883. The entire collection was reduced as described in H. A., 14, 345, and 23, 185. After a first approximation had been obtained by means of the meridian photometer magnitudes, a second approximation was made using the magnitudes found in the first approximation. The reduction was only carried to tenths of a magnitude, but when several comparisons were made of the same star, the residuals are given in the last column of Table LIV of H. A., 23, page 188, and from these the hundredth of a magnitude may be inferred. Thus, six comparisons were made of 20 Andromedae = H. R. 9003. From the magnitude 5.0, and the residuals *2*10002, given in H. A., 23, pp. 188 and 222, we may infer that the separate comparisons gave the magnitudes 4.8, 5.1, 5.0, 5.0, 5.0, and 5.2. Mean 5.02. Magnitudes are thus furnished of 2,785 stars, as observed about 110 years ago, with an accuracy comparable with that of some of the best modern catalogues. The magnitude of H. R. 3 = 33 Piscium is 4.68 − .08 = 4.60. The magnitude given in H. A., 23, page 213, and derived from a single comparison, is 4.6.

h. — Residuals from magnitudes derived from the observations of Sir John Herschel. In an attempt to improve on the measures of brightness made by Sir William Herschel, these observations were made by arranging the stars in sequences, the intervals in brightness of the successive stars being very small. The observations are contained in the Cape Observations, and are there discussed in full. An approximate reduction is given in H. A., 14, page 354. A much more complete reduction has been made by Professor W. Doberck, and by his courtesy prepared for publication in H. A., 41, page 213. Excellent magnitudes are thus furnished of 923 stars, as observed about 70 years ago. These are the first accurate measures of the brightness of the southern stars. The magnitude of H. R. 15 = $\alpha$ Andromedae is 2.15 − .13 = 2.02, as given in H. A., 41, page 226.

O. — Residuals from the magnitudes given in the Uranometria Oxoniensis. This work, by Professor Charles Pritchard of Oxford, gives the results of measures of 2,784 stars, north of declination −10°, as observed about 25 years ago. The observers were Messrs. Plummer and Jenkins. Two telescopes were used,

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



one of 4 inches, the other of 3 inches aperture. A wedge of shade glass was placed at the focus of each, and its position read when the star which was being measured had disappeared. Five settings were made on each star by each observer, and the measures were then repeated, reducing the apertures one-half. Each star was observed on only one night, and about ten stars were observed on a night. A comparison of these measures with those of the Harvard Photometry will be found in H. A., **18**, 15. The magnitude of H. R. 3 = 33 Piscium is 4.68 +.14= 4.82, as given in the Uran. Oxon., page 91.

P. — Residuals from the magnitudes given in the Potsdam Catalogue. This great piece of photometric work was carried on by Professors Müller and Kempf at the Potsdam Observatory, during the years 1886 to 1905. An improved form of Zöllner Photometer was used, with apertures of from 1 to 6 inches. The observations were made with great care, and are contained in the Publikationen des Astrophysikalischen Observatoriums zu Potsdam, **9**, **13**, **14**, and **16**. The colors of the stars were also estimated and are indicated by a letter following the residual. Thus, a, denotes white; b, yellowish white; c, whitish yellow; d, yellow; e, reddish yellow; f, yellowish red. A General Catalogue of 14,199 stars has been compiled in Publik. **17**, in which small corrections have been applied to the magnitudes previously published. After the residuals from the original measures had been inserted in the manuscript of the present volume, they were changed to conform to the corrected magnitudes, in the later work. The magnitude of H. R. 1 = Potsdam 1 is 6.51 + .35 = 6.86, as given in Publik. **17**, page 3. The letter b corresponds to G. W., and indicates a yellowish white color. The large value of many of the residuals is due to the color, which causes a difference in scale.

W. — Residuals from the magnitudes given in the Catalogue of Williams. This work is entitled, "A Catalogue of the Magnitudes of 1081 Stars, lying between − 30° Dec. and the South Pole, from observations made in the years 1885–6, by A. Stanley Williams." The observations were made by means of an opera glass accurately focused. Each star was compared directly with two others, one a little brighter, the other a little fainter. The magnitude was then estimated, adopting for the comparison stars the magnitudes given in the Harvard Photometry. The magnitude of H. R. 6 is 5.77 − .77 = 5.00. This is the last star in the Catalogue and is numbered 1083, which differs from the number on the title-page. The actual number of stars observed is somewhat less. The magnitude of Williams 1083, in the ninth column of the Catalogue on page 22, is 5.0.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



M. — Residuals from magnitudes given in the fifth column of Table II of H. A., 46, page 58. Thus, the magnitude of H. R. 21 is 2.42 +.04 = 2.46, as given in H. A., 46, page 58. The stars observed near the southern horizon, and used to determine the southern absorption, are included, notwithstanding their low altitude, as they generally were observed on a large number of nights. As stated on page 6, all of these magnitudes were deduced too late to be included in the preceding column, and were not used in determining the adopted magnitude.

B. — Residuals from the magnitudes given in Bailey's Uranometry. This work was begun by Professor Solon I. Bailey in 1892, at Cambridge, and completed in 1894, at Arequipa. It was intended, in general, to repeat the work of Sir William Herschel, and to extend it over the entire sky. The working list was based upon the stars in the Harvard Photometry, supplemented by those in the Southern Harvard Photometry, but many stars were omitted which were found to be faint, and all stars not included in the working list, but which seemed to be as bright as the sixth magnitude, were added. Each star was compared by Argelander's method with a star a little brighter, and with another slightly fainter, the difference being estimated in grades. The bright stars were compared by the naked eye, the faint stars, by an opera glass. The entire sky was thus surveyed by a single observer, according to a homogeneous plan. A detailed discussion of the stars north of declination + 70° will be found in H. A., 29, 171. The entire work includes about 5,600 stars. Like the observations of Herschel, all were reduced by means of the measures of the meridian photometer, and a second approximation was made, using the magnitudes found in the first reduction, instead of the photometric measures. The magnitude of H. R. 1 is 6.51 − .03 = 6.48, as given in Bailey's Uranometry.

D. — Residuals serving to show the photographic brightness of the stars. For stars contained in the Draper Catalogue, the magnitudes given in the eighth column of H. A., 27, Table I, are used. Thus, the magnitude of H. R. 1 = D. C. 1 is 6.51 − .12 = 6.39, as given in H. A., 27, page 8. As this Catalogue contains but few stars south of declination − 20°, the magnitudes of the Cape Photographic Durchmusterung are used for stars not contained in the Draper Catalogue, and south of declination − 19°. As these magnitudes are only given to tenths of a unit, a period is substituted for the hundredth in the residual. In this way, the residuals from the two catalogues can be easily distinguished. Thus, the magnitude of H. R. 6 is 5.77 +.4 = 6.17, or 6.2, the magnitude given in the Annals of the Cape Observatory, 4, 519. It will be noticed that

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



many of the residuals are large and positive. Stars of a reddish color are thus indicated, since their photographic images are relatively faint. The magnitudes of the stars common to the Draper Catalogue and the Cape Photographic Durchmusterung will be found in Table V.

Spect. — The photographs of the Henry Draper Memorial served to determine the class of spectrum of all the stars. The nomenclature adopted in this column to designate the class of spectrum of each star is that used in all the publications of this Observatory, with the exception of H. A., **28**, Part I. It is that first used in the Draper Catalogue, H. A., **27**, modified and extended to satisfy the facts, as the study of the spectrum of the stars developed. Stars of Types I, II, and III, according to the designations of Secchi, are here denoted by the letters A, K, and M. Two well marked classes between A and K are called F and G. Stars of the Orion or helium type, which contain well marked helium lines in addition to the Orion lines, are called B. Nearly all the stars can be arranged in a sequence, according to the classes, B, A, F, G, K, and M. Peculiar spectra are indicated by Pec. A more detailed study of the spectra showed that many of them fell between these classes. They are indicated by a number following the first class. Thus, B 2 A, abridged to B 2, denotes a spectrum nearly like that of Class B, but estimated to be two tenths of the way from B to A. K 5 denotes a star midway between K and M. Stars of the fourth and fifth type are designated by the letters N and O, respectively. Class M has been divided into the subclasses Ma, Mb, Mc, and Md, of which $\alpha$ Orionis, $\alpha$ Herculis, $-2°\,3653$, and $o$ Ceti may be regarded as typical. See A. N. **127**, 1. Class O, has been divided into the subclasses Oa, Ob, Oc, Od, and Oe, of which the typical stars are A. G. C. 15305, A. G. C. 8631, A. G. C. 22763, $\zeta$ Puppis, and 29 Canis Majoris. O really precedes B, in the sequence, so that Oe 5 denotes Oe 5 B. This classification is fully described in Volume **28**, 146. The particular notation adopted is of little consequence as long as each symbol denotes a particular type, and can be translated readily from one system to any other.

The class of spectrum was taken from H. A., **28**, for all stars contained in that work. The spectra photographed with the 11-inch Draper Telescope are contained in Table XII, page 107. The spectrum given in the seventh column was first converted into the usual notation by means of Table XV on page 145. The spectra photographed with the 13-inch Boyden Telescope are taken from the ninth column of Table XVII, page 193. As stated above, the second letter for stars estimated as between two classes is omitted, as F 8 for F 8 G. For stars having a slight peculiarity, the Class, followed by the letter p, is used

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



instead of Pec. Many other spectra were also inserted from photographs taken with these instruments, since the publication of H. A., 28. For other stars, the spectrum given in the seventh column of the Draper Catalogue, H. A., 27, page 7, was inserted. In this work the classes of spectra were not subdivided. Spectra were still needed for a large number of stars, especially those south of declination $-20°$. A special examination was made of these, on the best spectrum plates taken with the 8-inch Draper and 8-inch Bache Telescopes. All stars whose class of spectrum was doubtful, were also included in this examination. In this way, many stars were observed twice, and it was generally found that the second classification was either the same as the first, or differed from it by only a fraction of a division. Thus, a spectrum first classified as F, on a better photograph might be classified as A 5, or F 5, but would seldom be called A or G. Slight differences often appear in photographs of the same object, and are due to differences in dispersion, intensity, or other causes. Many stars, estimated visually as of the third type, appear on the photographs as of Class K 5, or even K, especially when the dispersion is large. Each of the two forms of instrument used has advantages over the other. For bright stars, the larger instruments and greater dispersion undoubtedly are preferable. For faint stars, the spectra are better marked on photographs taken with the smaller instruments, and the presence of many adjacent spectra diminishes the danger of error in identification. A comparison was also made with an unpublished catalogue of all stars having spectra of the third type, which includes all the peculiar spectra found on the Draper photographs. The classification of the spectra of many of the stars between declinations $-2°$ and $+20°$ was confirmed by a comparison with the visual estimates of Vogel, in Public. des Astrophys. Observ. zu Potsdam 3. A list of the marked discrepancies will be found in Table VI.

Table I is followed by a series of Remarks which give much additional information regarding the individual stars. They include differences in nomenclature, the positions of adjacent stars, mainly taken from the Argentine General Catalogue, and the magnitudes of the combined light of doubles, or of their separate components. The Greek or Arabic names of a few bright stars are inserted, and are taken from H. A. 14, 313, 509. The parallaxes, and proper motions exceeding 1″ annually, are taken from Newcomb's work entitled, The Stars, p. 323, supplemented by Transactions of the Astron. Observ. of Yale Univ. 2, Part I, p. 196. As the probable error of even the best measures of parallax is seldom less than $\pm 0''.04$, but little weight should be given to parallaxes less than $0''.1$.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



The sign is inserted when the measured value of the parallax is negative, although this sign commonly denotes that the parallax is insensible. The semi-major axis and period, taken from Lick Observatory Bulletin, Number 84, are given for a few of the visual binaries whose orbits are stated by Burnham in his General Catalogue of Double Stars, p. vii, to be fairly accurate. For these stars, and also for other doubles referred to in the Remarks, the number in Burnham's Catalogue is inserted, preceded by letters Bu. A few southern binaries are also inserted and referred to by the designation in the Catalogue of Innes, preceded by the letters Inn. Spectroscopic binaries may be divided into two classes. First, Class A, in which both components are bright, like $\zeta$ Ursae Majoris and $\beta$ Aurigae. These were the first discovered, and were recognized by the changes in the dark lines in their spectra, which are alternately single and double. Secondly, Class B, in which one component only is bright, and which are detected by the alternate approach and recession in the line of sight. The variable star, $\beta$ Persei, was the first object of this class to be discovered. The classes, periods, and ranges in the motion are taken from Lick Observatory Bulletin, Number 79. For the variable stars, the class, period, maximum magnitude, and minimum magnitude are inserted from H. A. **55**, Part I. Class I indicates new stars; Class II, variables of long period; Class III, variables whose changes are irregular, and generally small; Class IV, variables of short period; Class V, variables of the Algol type. Various other facts regarding the brighter stars will be found in the Remarks relating to the Harvard Photometry, H. A. **14**, 287.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P

# TABLE I.

# REVISED HARVARD PHOTOMETRY.

A CATALOGUE OF THE POSITIONS, PHOTOMETRIC MAGNITUDES, AND SPECTRA OF 9110 STARS, MAINLY OF THE MAGNITUDE 6.50, AND BRIGHTER.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar

Use these classes which are those now in the Henry Draper Catalogue



0h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1 | Andr. | — | 4550 | .. | .. | 0.0 | +44 40 | 6.51 | .. | .. | 01 | .. | .. | 03 | 03 | .. | .. | .. | .. | 35b | .. | .. | 03 | 12 | A | A0 |
| 2 | Pisces | — | 4525 | .. | 32426 | 0.0 | − 1 4 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 53 | K | K0 |
| 3 | Pisces | 33 | 6357 | 4259 | 32431 | 0.2 | − 6 16 | 4.68 | 06 | .. | .. | .. | .. | 06 | 10 | 04 | 08 | .. | 14 | .. | .. | .. | 10 | 119 | K | K0 |
| 4 | Pegasus | 86 | 5063 | 4260 | .. | 0.6 | +12 51 | 5.66 | 10 | .. | .. | 06 | .. | 08 | 06 | .. | 16 | .. | 11 | 09d | .. | .. | 14 | R | K5 | K0 |
| 5 | Cassiop. | — | 2865 | .. | .. | 1.0 | +57 53 | 6.10 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 02c | .. | .. | .. | 14 | F | G5 |
| 6 | Phoenix | — | 14337 | 5 | 32446 | 1.1 | −49 38 | 5.77 | .. | .. | .. | .. | 17 | .. | .. | 17 | .. | .. | .. | .. | 77 | .. | 11 | 4. | G | G0 |
| 7 | Cassiop. | 10 | 2107 | 1 | .. | 1.2 | +63 37 | 5.49 | 03 | .. | .. | .. | .. | 02 | 01 | .. | 11 | .. | 18 | 33b | .. | .. | 06 | 05 | B8 | B8 |
| 8 | Andr. | — | 4704 | .. | .. | 1.4 | +28 29 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19b | .. | .. | .. | 21 | F2 | K0 |
| 9 | Cetus | — | 4 | .. | 7 | 1.7 | −23 40 | 6.06 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 34 | 32 | F | F0 |
| 10 | Cetus | — | 6428 | .. | 14 | 2.2 | −17 57 | 6.18 | .. | .. | .. | 13 | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | 19 | A3 | A3 |
| 11 | *Pisces* | 4 | 2 | 3 | 22 | 2.7 | − 3 6 | 6.33 | 03 | .. | .. | .. | .. | 03 | .. | .. | 07 | .. | 19 | .. | .. | .. | 05 | 49 | A | B8 |
| 12 | Cetus | — | 13 | 2 | 27 | 2.7 | −23 4 | 5.92 | R | .. | .. | 04 | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | R | 02 | A | A0 |
| 13 | Sculptor | — | 17 | 8 | 30 | 3.0 | −34 6 | 5.71 | .. | 09 | .. | .. | 14 | 05 | 04 | 07 | .. | .. | .. | .. | .. | .. | 11 | 7. | K | K0 |
| 14 | *Pisces* | 5 | 3 | 4 | 31 | 3.1 | − 3 0 | 6.32 | 01 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | 27 | .. | .. | .. | 02 | 77 | K | K0 |
| 15 | Andr. | α 21 | 4 | 5 | .. | 3.2 | +28 32 | 2.15 | 07 | .. | .. | 01 | .. | 06 | 13 | .. | 40 | 13 | 10 | 27a | .. | .. | 27 | R | A | A0p |
| 16 | Cetus | — | 5 | .. | 34 | 3.2 | − 9 23 | 6.11 | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 89 | K | K0 |
| 17 | Andr. | — | 8 | .. | .. | 3.5 | +36 4 | 6.14 | .. | .. | 13 | .. | .. | 14 | .. | .. | .. | .. | .. | 32b | .. | .. | .. | 22 | F | F5 |
| 18 | Cetus | — | 3 | 6 | 40 | 3.5 | −18 8 | 6.37 | 01 | .. | .. | 11 | .. | 06 | 05 | .. | .. | .. | .. | .. | .. | .. | 18 | R | K5 | Ma |
| 19 | Pegasus | — | 3 | 8 | .. | 3.7 | +24 54 | 6.35 | 12 | .. | 11 | 02 | .. | 05 | 06 | .. | .. | .. | 36 | 05c | .. | .. | 30 | 29 | G5 | G5 |
| 20 | Cepheus | — | 1 | .. | .. | 3.8 | +79 10 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 12b | .. | .. | .. | 34 | A | A3 |
| 21 | Cassiop. | β 11 | 3 | 9 | .. | 3.8 | +58 36 | 2.42 | 00 | 03 | .. | .. | .. | 02 | 02 | .. | 03 | .. | 10 | 14b | .. | 04 | 22 | 121 | F5 | F5 |
| 22 | Pegasus | 87 | 7 | 10 | .. | 3.9 | +17 40 | 5.69 | 02 | .. | .. | 12 | .. | 12 | 01 | .. | 11 | .. | 16 | 03c | .. | .. | 04 | 04 | K | K0 |
| 23 | Phoenix | — | 19 | 13 | 50 | 4.0 | −54 34 | 6.34 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | 9. | F5 | G0 |
| 24 | *Sculptor* | κ¹ | 16 | 11 | 56 | 4.3 | −28 33 | 5.46 | 21 | .. | .. | 06 | .. | 04 | .. | 17 | .. | 17 | .. | .. | .. | .. | 24 | 104 | F2 | F2 |
| 25 | Phoenix | ε | 18 | 14 | 57 | 4.3 | −46 18 | 3.94 | .. | .. | .. | .. | 09 | 04 | 14 | 01 | .. | 02 | .. | .. | 04 | .. | 06 | 18. | K | K0 |
| 26 | Pisces | 34 | 8 | 12 | .. | 4.9 | +10 36 | 5.51 | 08 | .. | .. | 19 | .. | 11 | .. | .. | 21 | .. | 04 | 27a | .. | .. | 06 | 04 | B8 | B9 |
| 27 | Andr. | 22 | 17 | 13 | .. | 5.1 | +45 31 | 5.08 | 16 | .. | .. | 04 | .. | 15 | 04 | .. | 38 | .. | 03 | 18b | .. | .. | 03 | 51 | F | F0 |
| 28 | Cassiop. | — | 11 | 14 | .. | 5.2 | +56 36 | 6.54 | 15 | .. | .. | .. | .. | 17 | 03 | .. | .. | .. | 10 | 32a | .. | .. | .. | 52 | A | B8 |
| 29 | *Pisces* | — | 11 | 15 | 70 | 5.2 | − 5 49 | 5.95 | 03 | .. | .. | 01 | .. | 05 | .. | 03 | .. | .. | 20 | .. | .. | .. | 05 | 66 | K | G5 |
| 30 | Octans | γ³ | 4 | 18 | 78 | 5.5 | −82 47 | 5.30 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | 30 | .. | 06 | 10. | K5 | K0 |
| 31 | Cetus | — | 13 | 16 | 77 | 5.6 | −13 8 | 5.94 | 06 | .. | .. | .. | .. | 01 | 02 | 06 | .. | .. | .. | .. | .. | .. | 11 | 68 | G5 | K0 |
| 32 | Tucana | — | 4 | .. | 83 | 5.7 | −73 47 | 6.76 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 76 | .. | .. | 1. | F | A5 |
| 33 | Cetus | 6 | 17 | 17 | 88 | 6.2 | −16 1 | 5.05 | 11 | .. | .. | 02 | .. | 06 | .. | 03 | 30 | .. | 42 | .. | .. | .. | 23 | 49 | F | F5 |
| 34 | *Sculptor* | κ² | 26 | 18 | 91 | 6.4 | −28 21 | 5.56 | 03 | .. | .. | 07 | .. | 10 | .. | 14 | .. | 07 | .. | .. | .. | .. | 02 | 11. | K | K0 |
| 35 | Sculptor | θ | 42 | 21 | 95 | 6.6 | −35 42 | 5.19 | .. | 06 | .. | .. | 13 | 05 | 03 | 22 | .. | .. | .. | .. | 24 | 03 | 07 | 8. | F5p | F5 |
| 36 | Andr. | — | 21 | 19 | .. | 6.7 | +47 36 | 6.30 | 00 | .. | .. | .. | .. | 00 | 01 | .. | .. | .. | .. | 04d | .. | .. | 18 | 16 | G5 | K0 |
| 37 | Cetus | — | 14 | 21 | 101 | 7.1 | −18 30 | 5.47 | 24 | .. | .. | 26 | .. | 11 | 11 | 03 | .. | .. | .. | .. | .. | .. | 05 | 95 | K | K2 |
| 38 | Andr. | — | 12 | 22 | .. | 7.6 | +37 9 | 6.57 | 07 | .. | .. | 03 | .. | 10 | .. | .. | .. | .. | .. | 39a | .. | .. | 03 | 80 | B3 | B3 |
| 39 | Pegasus | γ 88 | 14 | 23 | .. | 8.1 | +14 38 | 2.87 | 17 | .. | .. | 10 | .. | 07 | .. | .. | 07 | 13 | 40 | 41b | .. | .. | 25 | 59 | B2 | B2 |
| 40 | Andr. | — | 13 | 24 | .. | 8.2 | +26 25 | 6.30 | 01 | .. | .. | .. | .. | 00 | .. | .. | .. | .. | 06 | 16b | .. | .. | 00 | 05 | F5 | F5 |
| 41 | Andr. | 23 | 29 | 25 | .. | 8.3 | +40 29 | 5.73 | 11 | .. | .. | .. | .. | 11 | .. | .. | 08 | .. | 16 | 09b | .. | .. | 07 | 10 | A5 | A5 |
| 42 | *Sculptor* | — | 56 | 26 | 122 | 8.7 | −26 35 | 6.12 | 10 | .. | .. | 12 | .. | 01 | .. | 00 | .. | .. | .. | .. | .. | .. | 14 | 11. | K5 | K2 |
| 43 | Sculptor | — | 57 | .. | 124 | 8.7 | −26 51 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 19 | 9. | K | K5 |
| 44 | Andr. | — | 21 | 27 | .. | 8.8 | +32 39 | 6.06 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 10 | 34a | .. | .. | 06 | 12 | A | A0 |
| 45 | Pegasus | χ 89 | 27 | 28 | .. | 9.4 | +19 39 | 4.94 | 02 | .. | .. | 01 | .. | 00 | .. | .. | 04 | .. | 07 | 06d | .. | .. | 36 | 117 | Ma | Ma |
| 46 | Cetus | — | 26 | 29 | 135 | 9.4 | − 8 21 | 5.36 | 09 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 11 | .. | .. | .. | 16 | 120 | Ma | Ma |
| 47 | Octans | — | 2 | 28 | 147 | 9.5 | −85 33 | 5.74 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | 11 | .. | .. | 18. | Ma | K5 |
| 48 | Cetus | 7 | 21 | 30 | 142 | 9.6 | −19 30 | 4.68 | 06 | .. | 08 | .. | .. | 15 | .. | .. | 27 | .. | 36 | .. | .. | .. | 03 | 132 | Ma | Ma |
| 49 | Pegasus | — | 13 | 31 | .. | 9.7 | +21 43 | 6.05 | 03 | .. | .. | .. | .. | 02 | 02 | .. | .. | .. | .. | 48a | .. | .. | 05 | 06 | A | A0 |
| 50 | Pisces | 35 | 19 | 32 | .. | 9.8 | + 8 16 | 5.87 | 22 | .. | .. | 02 | .. | 14 | 09 | .. | 23 | .. | 08 | 26b | .. | .. | 23 | 08 | A | F0 |

72 { a double star

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



1h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 51 | Cetus | — | 30 | 33 | 146 | 9.8 | −10 7 | 5.76 | 32 | .. | 30 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 23 | A | Bq |
| 52 | Andr. | — | 26 | .. | .. | 9.9 | +30 59 | 6.61 | .. | .. | 05 | .. | .. | .. | 05 | .. | .. | .. | .. | 23d | .. | .. | .. | .. | K 5 | K5 |
| 53 | Andr. | — | 23 | 34 | .. | 10.0 | +26 43 | 6.06 | 17 | .. | .. | .. | .. | 17 | R | .. | .. | .. | 00 | 62b | .. | 41 | 01 | 17 | A | A0 |
| 54 | Sculptor | — | 65 | .. | 149 | 10.0 | −35 28 | 6.29 | .. | .. | .. | .. | .. | .. | 03 | 03 | .. | .. | .. | .. | 44 | .. | .. | 8. | K | K0 |
| 55 | Cepheus | — | 5 | 35 | .. | 10.6 | +76 24 | 6.23 | 04 | .. | 01 | .. | .. | 01 | 05 | .. | .. | .. | .. | 36b | .. | .. | 02 | 23 | A | Bq |
| 56 | Andr. | — | 41 | 36 | .. | 11.1 | +43 3 | 6.03 | 06 | .. | .. | .. | .. | 11 | 17 | .. | .. | .. | .. | 36b | .. | .. | 03 | 18 | A | A0 |
| 57 | Sculptor | — | 72 | 30 | 167 | 11.1 | −32 0 | 5.69 | .. | 02 | .. | .. | 21 | 06 | 19 | 04 | .. | .. | .. | .. | .. | .. | 21 | 12. | K | K0 |
| 58 | Hydrus | — | 19 | .. | 175 | 11.4 | −76 28 | 6.60 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 80 | .. | .. | 8. | K | G5 |
| 59 | Pisces | 36 | 27 | 37 | .. | 11.5 | + 7 41 | 6.19 | 10 | .. | .. | .. | .. | 05 | 06 | .. | 04 | .. | 01 | 11b | .. | .. | 09 | 56 | F | G5 |
| 60 | Cassiop. | — | 21 | 38 | .. | 11.6 | +60 59 | 5.80 | 01 | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | .. | 06c | .. | .. | 05 | 23 | F 8 | G5 |
| 61 | Cetus | — | 24 | .. | 180 | 11.7 | −20 46 | 6.50 | .. | .. | .. | 05 | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 52 | A | B8 |
| 62 | Andr. | — | 50 | 39 | .. | 11.9 | +47 24 | 5.82 | 05 | .. | .. | 08 | .. | 02 | .. | .. | .. | .. | .. | 33a | .. | 17 | 03 | 28 | A 2 | B8 |
| 63 | Andr. | θ 24 | 34 | 40 | .. | 11.9 | +38 8 | 4.44 | 14 | .. | .. | .. | .. | 13 | .. | .. | 14 | .. | 01 | 23b | .. | .. | 14 | 37 | A | A2 |
| 64 | Hydrus | — | 7 | .. | 195 | 12.3 | −79 20 | 6.68 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 68 | .. | .. | 3. | G | F5 |
| 65 | Cassiop. | — | 46 | .. | .. | 12.5 | +50 53 | 6.12 | .. | .. | 15 | .. | .. | .. | 16 | .. | .. | .. | .. | 10b | .. | .. | .. | 27 | A | B0 |
| 66 | Cetus | — | 30 | .. | 194 | 12.5 | −19 37 | 6.47 | .. | .. | 09 | 08 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 03 | F | F0 |
| 67 | Pisces | — | 28 | .. | .. | 12.7 | + 1 8 | 6.43 | .. | .. | 11 | .. | .. | .. | 11 | .. | .. | .. | .. | 08c | .. | .. | .. | 29 | K | G5 |
| 68 | Andr. | σ 25 | 44 | 42 | .. | 13.1 | +36 14 | 4.51 | 14 | .. | .. | .. | .. | 08 | 07 | .. | 19 | .. | 12 | 19a | .. | .. | 06 | 13 | A 2 | A2 |
| 69 | Pisces | — | 25 | .. | .. | 13.2 | +10 39 | 6.20 | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | .. | 03c | .. | .. | .. | 77 | K | K0 |
| 70 | Andr. | 26 | 48 | 43 | .. | 13.4 | +43 14 | 6.04 | 14 | .. | .. | .. | .. | 08 | 07 | .. | 24 | .. | .. | 11a | .. | .. | 04 | 31 | A | Bq |
| 71 | Andr. | — | 35 | 44 | .. | 13.4 | +30 58 | 5.80 | 04 | .. | .. | 13 | .. | 10 | 02 | .. | .. | .. | 05 | 28a | .. | .. | 25 | 02 | A | A0 |
| 72 | Cetus | — | 38 | .. | 211 | 13.6 | − 8 37 | 6.50 | .. | .. | .. | .. | .. | 00 | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 16 | A | G0 |
| 73 | Phoenix | — | 64 | 35 | 218 | 13.8 | −43 48 | 6.27 | .. | .. | .. | .. | 07 | 17 | .. | 09 | .. | .. | .. | .. | 37 | .. | 07 | 2. | K 5 | K2 |
| 74 | Cetus | ι 8 | 48 | 45 | 223 | 14.3 | − 9 23 | 3.75 | 13 | .. | 16 | .. | .. | 10 | 06 | 09 | 15 | .. | 09 | .. | .. | .. | 35 | 128 | K | K0 |
| 75 | Andr. | — | 56 | .. | .. | 14.4 | +40 10 | 6.41 | .. | .. | 04 | .. | .. | .. | 04 | .. | .. | .. | .. | 01c | .. | .. | .. | .. | G | K0 |
| 76 | Cassiop. | — | 79 | .. | .. | 14.8 | +48 18 | 6.27 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 53b | .. | .. | .. | 10 | A | A0 |
| 77 | Tucana | ζ | 13 | 38 | 233 | 14.9 | −65 28 | 4.34 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | 05 | .. | .. | 39 | .. | 28 | 8. | F 8 | F8 |
| 78 | Andr. | — | 42 | 46 | .. | 15.2 | +30 23 | 5.82 | 19 | .. | 19 | .. | .. | 01 | .. | .. | .. | .. | 06 | 42a | .. | .. | 12 | 25 | A | B8 |
| 79 | Andr. | — | 45 | 48 | .. | 15.5 | +32 21 | 5.97 | 03 | .. | .. | .. | .. | 04 | 01 | .. | .. | .. | 06 | 05e | .. | .. | 22 | 42 | K | K5 |
| 80 | Pisces | d 41 | 36 | 47 | .. | 15.5 | + 7 38 | 5.58 | 06 | .. | .. | 07 | .. | 03 | 16 | .. | 08 | .. | 14 | 18d | .. | .. | 02 | 77 | K | K0 |
| 81 | Pisces | — | 32 | .. | .. | 15.8 | +10 25 | 6.55 | .. | .. | 13 | 22 | .. | .. | 08 | .. | .. | .. | .. | 27b | .. | .. | .. | 12 | A | A0 |
| 82 | Andr. | ρ 27 | 45 | 49 | .. | 15.9 | +37 25 | 5.20 | 07 | .. | .. | .. | .. | 07 | .. | .. | 10 | .. | 24 | 17b | .. | .. | 10 | 30 | F 5 | F5 |
| 83 | Tucana | π | 12 | 40 | 253 | 16.0 | −70 11 | 5.42 | .. | .. | .. | .. | 17 | .. | .. | 16 | .. | .. | .. | .. | 37 | .. | 02 | 2. | B 8 | Bq |
| 84 | *Sculptor* | ι | 86 | 50 | 263 | 16.5 | −29 32 | 5.35 | 13 | .. | .. | 08 | 15 | 05 | .. | 01 | .. | 30 | .. | .. | .. | .. | 00 | 4. | G 5 | G5 |
| 85 | Cetus | T | 50 | .. | 266 | 16.7 | −20 37 | var. | .. | .. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | Mb | Mb |
| 86 | Pisces | 42 | 25 | .. | .. | 17.2 | +12 57 | 6.40 | .. | .. | .. | 05 | .. | 01 | 07 | .. | 10 | .. | .. | 04d | .. | .. | .. | 38 | K | K0 |
| 87 | Hydrus | — | 9 | .. | 279 | 17.2 | −77 59 | 5.86 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | K 5 | K0 |
| 88 | Cetus | 9 | 60 | 52 | 284 | 17.7 | −12 46 | 6.44 | 11 | .. | .. | .. | .. | 10 | .. | .. | 74 | .. | .. | .. | .. | .. | 08 | 54 | F 5 | G0 |
| 89 | Sculptor | — | 138 | .. | 296 | 18.3 | −31 36 | 6.66 | .. | .. | .. | .. | .. | .. | 29 | 29 | .. | .. | .. | .. | .. | .. | .. | 3. | A | Bq |
| 90 | Andr. | R | 58 | 54 | .. | 18.8 | +38 1 | var. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | .. | .. | Md | Md |
| 91 | Cassiop. | — | 62 | 55 | .. | 18.9 | +51 28 | 5.36 | 04 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | 38b | .. | .. | 04 | 04 | B 3 | B3 |
| 92 | Cassiop. | B | .. | .. | .. | 19.2 | +63 36 | nov. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | --- |
| 93 | Cassiop. | 12 | 69 | 56 | .. | 19.3 | +61 17 | 5.39 | 00 | .. | .. | .. | .. | 12 | 13 | .. | 02 | .. | 18 | 21b | .. | .. | 16 | 00 | B 9 | Bq |
| 94 | Pisces | — | 49 | .. | 316 | 19.4 | − 2 47 | 6.28 | .. | .. | .. | 05 | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 67 | K | K0 |
| 95 | Tucana | ξ | 35 | 51 | 322 | 19.6 | −72 39 | R | .. | .. | .. | .. | R | .. | .. | R | .. | R | .. | .. | R | .. | R | R | R | --- |
| 96 | Cassiop. | — | 61 | 57 | .. | 19.7 | +52 30 | 5.72 | 08 | .. | .. | .. | .. | 05 | 04 | .. | .. | .. | .. | 22b | .. | .. | 15 | 14 | A | Bq |
| 97 | Pisces | 44 | 57 | 58 | .. | 20.3 | + 1 23 | 5.99 | 15 | .. | 20 | .. | .. | 05 | .. | .. | 16 | .. | .. | 25c | .. | .. | 24 | 48 | K | G5 |
| 98 | Hydrus | β | 16 | 57 | 336 | 20.5 | −77 49 | 2.90 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 03 | .. | .. | 30 | .. | 22 | 4. | G | G0 |
| 99 | Phoenix | α | 116 | 59 | 355 | 21.3 | −42 51 | 2.44 | .. | .. | .. | .. | 01 | 04 | 02 | 04 | .. | 10 | .. | .. | 21 | .. | 15 | 23. | K | K0 |
| 100 | Phoenix | κ | 101 | 60 | 351 | 21.3 | −44 14 | 3.90 | .. | .. | .. | .. | 05 | 12 | 21 | 28 | .. | 16 | .. | .. | 00 | .. | 08 | 3. | A 3 | A3 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



0h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 101 | Cetus | 10 | 63 | .. | 356 | 21.5 | − 0 36 | 6.40 | .. | .. | .. | 05 | .. | 13 | .. | 07 | 02 | .. | .. | .. | .. | .. | .. | 11 | G |
| 102 | Sculptor | — | 138 | .. | 363 | 22.3 | −26 6 | 5.95 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 10. | G 5 |
| 103 | Pisces | 47 | 55 | 60 | .. | 22.8 | +17 21 | 5.33 | 04 | .. | .. | 01 | .. | 06 | .. | .. | 57 | .. | 39 | 07d | .. | .. | 02 | 107 | Ma |
| 104 | Andr. | — | 92 | 59 | .. | 22.9 | +43 51 | 5.16 | 08 | .. | .. | .. | .. | 04 | 12 | .. | .. | .. | 28 | 20b | .. | .. | 09 | 03 | A 2 |
| 105 | *Sculptor* | η | 152 | 64 | 377 | 22.9 | −33 34 | 4.96 | 18 | 17 | .. | .. | 15 | 03 | 14 | 03 | .. | .. | .. | .. | 01 | .. | 06 | 14. | Mb |
| 106 | Pisces | 48 | 63 | 61 | .. | 23.0 | +15 54 | 6.46 | 21 | .. | .. | .. | .. | 21 | .. | .. | 31 | .. | 01 | 26d | .. | .. | 21 | 18 | K 5 |
| 107 | Pisces | — | 47 | .. | .. | 23.2 | + 9 39 | 6.02 | .. | .. | .. | 07 | .. | 06 | .. | .. | .. | .. | .. | 25b | .. | .. | .. | 21 | F |
| 108 | Cetus | — | 57 | 63 | 383 | 23.4 | −20 53 | 6.41 | 05 | .. | .. | 05 | .. | 02 | 09 | .. | .. | .. | .. | .. | .. | .. | 06 | 22 | F 5 |
| 109 | Phoenix | — | 93 | 68 | 390 | 23.5 | −40 28 | 5.33 | .. | .. | .. | .. | 17 | .. | 11 | 06 | .. | .. | .. | .. | .. | .. | 17 | 13. | K |
| 110 | Andr. | — | 66 | .. | .. | 23.7 | +36 21 | 6.42 | .. | .. | .. | .. | .. | 02 | 02 | .. | .. | .. | .. | 04c | .. | .. | .. | 10 | K |
| 111 | Phoenix | — | 113 | .. | 398 | 23.9 | −51 5 | 6.39 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | K |
| 112 | Cepheus | — | 10 | .. | .. | 24.4 | +76 28 | 6.35 | .. | .. | 03 | .. | .. | .. | 03 | .. | .. | .. | .. | 09c | .. | .. | .. | 05 | F |
| 113 | Cassiop. | — | 68 | 64 | .. | 24.8 | +59 25 | 5.92 | 04 | .. | .. | .. | .. | 05 | 08 | .. | .. | .. | .. | 10b | .. | .. | 08 | 07 | F |
| 114 | Andr. | 28 | 75 | 65 | .. | 24.8 | +29 12 | 5.26 | 07 | .. | .. | .. | .. | 01 | 05 | .. | 06 | .. | 09 | 14b | .. | .. | 19 | 21 | F |
| 115 | Cetus | — | 84 | 66 | 413 | 24.8 | −15 25 | 6.24 | 16 | .. | 11 | .. | .. | 08 | .. | 15 | .. | .. | .. | .. | .. | 11 | 14 | 08 | A |
| 116 | Sculptor | — | 154 | .. | 414 | 24.8 | −32 40 | 6.63 | .. | .. | .. | .. | .. | .. | 13 | 13 | .. | .. | .. | .. | .. | .. | .. | 4. | K |
| 117 | Cetus | 12 | 54 | 67 | 415 | 24.9 | − 4 31 | 6.04 | 13 | .. | 03 | .. | .. | 17 | .. | .. | 08 | .. | .. | .. | .. | .. | 08 | 45 | K |
| 118 | Cetus | — | 179 | 68 | 419 | 25.4 | −24 21 | 5.23 | 00 | .. | .. | 02 | .. | 01 | .. | .. | .. | 26 | .. | .. | .. | 03 | 08 | 01 | A 5 |
| 119 | Phoenix | — | 116 | .. | 425 | 25.6 | −41 30 | 6.31 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | A 5 |
| 120 | Phoenix | — | 102 | 75 | 427 | 25.6 | −48 46 | 5.65 | .. | .. | .. | .. | 18 | .. | .. | 18 | .. | .. | .. | .. | 45 | .. | 00 | 7. | F 5 |
| 121 | Cassiop. | 13 | 67 | .. | .. | 25.7 | +65 58 | 6.14 | .. | .. | 04 | .. | .. | 00 | 05 | .. | 09 | .. | .. | 27b | .. | .. | .. | 39 | A |
| 122 | Andr. | — | 80 | 70 | .. | 26.1 | +33 2 | 6.08 | 12 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | 10c | .. | .. | 12 | 26 | K |
| 123 | Cassiop. | λ 14 | 82 | 69 | .. | 26.2 | +53 59 | 4.88 | 05 | .. | .. | .. | .. | 05 | 01 | .. | 10 | .. | 05 | 05b | .. | .. | 08 | 10 | B 5 |
| 124 | Cassiop. | — | 92 | .. | .. | 26.2 | +52 17 | 5.69 | .. | .. | .. | .. | .. | 06 | 06 | .. | .. | .. | .. | 05d | .. | .. | 02 | 57 | G 5 |
| 125 | Phoenix | $\lambda^1$ | 115 | 76 | 443 | 26.6 | −49 22 | 4.88 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | 18 | .. | .. | 38 | .. | 18 | 2. | A 2 |
| 126 | Tucana | $\beta^1$ | 50 | 78 | 451 | 27.0 | −63 31 | 4.52 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | 05 | .. | .. | 10 | .. | 35 | 0. | B 9 |
| 127 | Tucana | $\beta^2$ | | 79 | 452 | 27.0 | −63 31 | 4.48 | .. | .. | .. | .. | 15 | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | A 2 |
| 128 | Andr. | — | 99 | .. | .. | 27.1 | +42 57 | 6.43 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 45b | .. | .. | .. | 30 | A 2 |
| 129 | Cassiop. | — | 24 | .. | .. | 27.3 | +70 26 | 6.36 | .. | .. | 03 | .. | .. | 03 | 00 | .. | .. | .. | .. | 28b | .. | .. | .. | 39 | A |
| 130 | Cassiop. | κ 15 | 102 | 71 | .. | 27.3 | +62 23 | 4.24 | 06 | 04 | .. | .. | .. | 01 | 01 | .. | 06 | .. | 08 | 14c | .. | .. | 02 | 42 | B |
| 131 | Pisces | 52 | 79 | 73 | .. | 27.3 | +19 45 | 5.53 | 01 | .. | .. | .. | .. | 11 | 11 | .. | 17 | .. | 08 | 05b | .. | .. | 25 | 73 | G 5 |
| 132 | Pisces | 51 | 64 | 72 | .. | 27.3 | + 6 25 | 5.66 | 02 | .. | .. | 13 | .. | 11 | .. | .. | 24 | .. | 20 | 18b | .. | .. | 09 | 04 | A |
| 133 | Andr. | — | 76 | .. | .. | 27.4 | +27 1 | 6.54 | .. | .. | .. | .. | .. | 07 | 07 | .. | .. | .. | .. | 43b | .. | .. | 19 | 14 | A |
| 134 | Andr. | — | 84 | .. | .. | 27.6 | +27 44 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17c | .. | .. | .. | 18 | G 5 |
| 135 | Cassiop. | — | 101 | .. | .. | 27.7 | +54 21 | 6.14 | .. | .. | 02 | .. | .. | 01 | 03 | .. | .. | .. | .. | 00d | .. | .. | .. | 25 | G |
| 136 | Tucana | — | 52 | 84 | 467 | 28.1 | −63 35 | 5.16 | .. | .. | .. | .. | 09 | .. | .. | 10 | .. | .. | .. | .. | 21 | .. | 09 | 1. | A 2 |
| 137 | Cassiop. | 16 | 70 | .. | .. | 28.6 | +66 12 | 6.42 | .. | .. | A | .. | .. | .. | .. | .. | 32 | .. | .. | 31b | .. | .. | .. | 40 | A |
| 138 | Sculptor | — | 156 | 86 | 476 | 28.7 | −30 7 | 5.62 | .. | 18 | .. | .. | 04 | 00 | 00 | 12 | .. | 02 | .. | .. | .. | .. | 07 | 12. | K |
| 139 | Tucana | θ | 20 | 88 | 491 | 29.2 | −71 49 | 6.10 | .. | .. | .. | .. | 11 | .. | .. | 12 | .. | .. | .. | .. | 70 | .. | 20 | 5. | A 5 |
| 140 | Phoenix | — | 117 | 89 | 501 | 29.7 | −52 56 | 5.55 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | 17 | 8. | F 2 |
| 141 | Pisces | — | 57 | 74 | .. | 29.8 | +12 50 | 6.49 | 09 | .. | .. | .. | .. | 11 | 02 | .. | .. | .. | .. | 09d | .. | .. | 11 | 29 | K |
| 142 | Cetus | 13 | 62 | 75 | 505 | 30.1 | − 4 9 | 5.24 | 04 | .. | 02 | .. | .. | 07 | R | .. | 41 | .. | 53 | .. | .. | .. | 14 | 35 | F |
| 143 | Cetus | 14 | 68 | 76 | 508 | 30.4 | − 1 4 | 5.93 | 04 | .. | .. | .. | .. | 04 | R | .. | R | .. | .. | .. | .. | .. | 12 | 08 | F |
| 144 | Cassiop. | — | 102 | 77 | .. | 30.5 | +53 38 | 5.14 | 14 | .. | .. | .. | .. | 06 | 07 | .. | .. | .. | 34 | 18b | .. | .. | 14 | 04 | B 5 |
| 145 | Pisces | — | 59 | .. | .. | 30.7 | +12 40 | 6.40 | .. | .. | .. | 13 | .. | 12 | 02 | .. | .. | .. | .. | 13c | .. | .. | 15 | 03 | F |
| 146 | Cassiop. | — | 84 | 78 | .. | 30.8 | +59 47 | 5.76 | 17 | .. | .. | .. | .. | 16 | .. | .. | .. | .. | 03 | 23b | .. | .. | 21 | 07 | A |
| 147 | Phoenix | $\lambda^2$ | 121 | 91 | 519 | 30.9 | −48 33 | 5.52 | .. | .. | .. | .. | 07 | .. | .. | 08 | .. | .. | .. | .. | 22 | .. | 12 | 8. | F 8 |
| 148 | Phoenix | — | 117 | 92 | 518 | 30.9 | −55 23 | 5.94 | .. | .. | .. | .. | 15 | .. | .. | 15 | .. | .. | .. | .. | .. | .. | 19 | 6. | K |
| 149 | Andr. | — | 91 | 79 | .. | 31.1 | +26 42 | 6.26 | 13 | .. | .. | .. | .. | 14 | .. | .. | .. | .. | 06 | 58b | .. | .. | 16 | 04 | A |
| 150 | Cetus | — | 109 | .. | 520 | 31.1 | −15 32 | 6.56 | .. | .. | 09 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



0h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 151 | Cetus | — | 220 | 80 | 524 | 31.1 | −23 24 | 6.13 | 05 | . . . | . | 11 | . . | 07 | . . | . . | . . | . . | . . | . . | . . | . . | 02 | 39 | A 2 | $A_3$ |
| 152 | Andr. | — | 113 | 81 | . . | 31.3 | +43 57 | 5.44 | 04 | . . | . . | . . | . . | 03 | 02 | . . | . . | . . | 06 | 09e | . . | . . | 04 | 104 | K | $K_5$ |
| 153 | Cassiop. | ζ 17 | 105 | 82 | . . | 31.4 | +53 21 | 3.72 | 02 | . . | . . | . . | . . | 06 | 07 | . . | 18 | . . | 03 | 36b | . . | . . | 07 | 32 | B 2 | $B_3$ |
| 154 | Andr. | π 29 | 101 | 83 | . . | 31.5 | +33 10 | 4.44 | 05 | . . | . . | . . | . . | 06 | . . | . . | 13 | . . | 20 | 08a | . . | . . | 01 | 02 | B 3 | $B_3$ |
| 155 | Pisces | 53 | 76 | 84 | . . | 31.6 | +14 41 | 5.86 | 09 | . . | 08 | . . | . . | 01 | . . | . . | 54 | . . | 14 | 27a | . . | . . | 04 | 42 | B 3 | $B_3$ |
| 156 | Andr. | — | 84 | 86 | . . | 31.9 | +23 28 | 6.44 | 03 | . . | . . | 04 | . . | 00 | 08 | . . | . . | . . | . . | 09c | . . | . . | 39 | 19 | K | $K_0$ |
| 157 | Andr. | — | 86 | 87 | . . | 32.0 | +34 51 | 5.62 | 02 | . . | . . | . . | . . | 05 | 02 | . . | . . | . . | 17 | 09b | . . | . . | 12 | 44 | G 5 | $G_0$ |
| 158 | Cepheus | — | 13 | 85 | . . | 32.2 | +81 56 | 6.40 | 07 | . . | 04 | . . | . . | 04 | . . | . . | . . | . . | 10 | 20c | . . | . . | 06 | 07 | F | $F_8$ |
| 159 | Cetus | — | 225 | 88 | 544 | 32.2 | −25 19 | 5.71 | 09 | . . | . . | 15 | . . | 03 | 09 | . . | . . | . . | . . | . . | . . | . . | 09 | 24 | K | $K_0$ |
| 160 | Tucana | — | 58 | . . | 546 | 32.2 | −65 41 | 6.38 | . . | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | . . | . . | . . | 14. | K | $K_0$ |
| 161 | Pisces | — | 80 | . . | . . | 32.4 | + 2 35 | 6.58 | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | 15d | . . | . . | . . | 30 | K | $K_0$ |
| 162 | Phoenix | — | 130 | 100 | 555 | 32.7 | −54 57 | 6.42 | . . | . . | . . | . . | 01 | . . | . . | 02 | . . | . . | . . | . . | . . | . . | . . | 8. | K | $K_0$ |
| 163 | Andr. | ε 30 | 103 | 90 | . . | 33.3 | +28 46 | 4.52 | 06 | . . | . . | . . | . . | 07 | . . | . . | 07 | . . | 23 | 00b | . . | . . | 08 | 82 | G 5 | $G_5$ |
| 164 | Cassiop. | — | 192 | 91 | . . | 33.6 | +48 49 | 5.72 | 10 | . . | . . | 07 | . . | 01 | 04 | . . | . . | . . | . . | 19e | . . | . . | 12 | 56 | K | $K_2$ |
| 165 | Andr. | δ 31 | 91 | 92 | . . | 34.0 | +30 19 | 3.49 | 08 | . . | . . | 17 | . . | 09 | . . | . . | 14 | . . | 31 | 01d | . . | . . | 14 | 130 | K | $K_2$ |
| 166 | Pisces | 54 | 85 | . . | . . | 34.2 | +20 43 | 6.08 | . . | . . | 07 | . . | . . | 04 | 02 | . . | 05 | . . | 00 | 00b | . . | . . | 18 | 44 | K | $K_0$ |
| 167 | Pisces | 55 | 87 | 93 | . . | 34.6 | +20 54 | 5.57 | 05 | . . | . . | . . | . . | 07 | 03 | . . | 03 | . . | 09 | 03d | . . | . . | 02 | 75 | K | $K_0$ |
| 168 | Cassiop. | α 18 | 139 | 94 | . . | 34.8 | +55 59 | 2.47 | 22 | . . | . . | . . | . . | 00 | 22 | . . | 27 | . . | 06 | . . | . . | . . | 07 | 141 | K | $K_0$ |
| 169 | Tucana | — | 42 | . . | 599 | 34.8 | −73 42 | 7.01 | . . | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | R | . . | . . | 1. | A | $A_0$ |
| 170 | Sculptor | Z | 224 | . . | 601 | 35.0 | −34 30 | var. | . . | . . | . . | . . | . . | . . | . . | V | . . | . . | . . | . . | . . | . . | . . | v | F 2 | $F_8$ |
| 171 | Phoenix | — | 201 | . . | 602 | 35.1 | −45 21 | 6.02 | . . | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | . . | . . | . . | 14. | K 5 | $K_0$ |
| 172 | Cetus | — | 109 | . . | 607 | 35.5 | −17 4 | 6.46 | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | . . | . . | . . | . . | 02 | K | $G_5$ |
| 173 | Cetus | — | 263 | 95 | 608 | 35.5 | −24 21 | 6.24 | 09 | . . | . . | 10 | . . | 00 | . . | . . | . . | . . | . . | . . | . . | . . | 06 | 22 | K | $K_0$ |
| 174 | Cetus | — | 101 | 97 | 612 | 35.6 | − 4 54 | 6.12 | 20 | . . | 02 | . . | . . | 07 | . . | 09 | . . | . . | 13 | . . | . . | . . | 08 | 36 | G 2 | $G_5$ |
| 175 | Andr. | 32 | 90 | 96 | . . | 35.7 | +38 55 | 5.42 | 15 | . . | . . | . . | . . | 15 | . . | . . | 49 | . . | 07 | 18b | . . | . . | 06 | 52 | G | $G_5$ |
| 176 | Tucana | — | 46 | 103 | 617 | 35.7 | −60 1 | 5.79 | . . | . . | . . | . . | 08 | . . | . . | 08 | . . | . . | . . | . . | . . | . . | 06 | 3. | K | $G_0$ |
| 177 | Cassiop. | — | 83 | 98 | . . | 36.1 | +65 36 | 5.92 | 04 | . . | . . | . . | . . | 05 | . . | . . | . . | . . | . . | 00c | . . | . . | 12 | 28 | K | $G_5$ |
| 178 | Andr. | — | 94 | 99 | . . | 36.3 | +24 5 | 5.98 | 02 | . . | . . | . . | . . | 03 | . . | . . | . . | . . | . . | 39b | . . | . . | 02 | 09 | A | $A_5p$ |
| 179 | Cassiop. | ξ 19 | 164 | 100 | . . | 36.5 | +49 58 | 4.85 | 05 | . . | . . | . . | . . | 05 | . . | . . | 05 | . . | 34 | 23b | . . | . . | 10 | 06 | B 3 | $B_3$ |
| 180 | Phoenix | μ | 180 | 106 | 626 | 36.6 | −46 38 | 4.65 | . . | . . | . . | . . | 04 | 17 | 24 | 02 | . . | 22 | . . | . . | 05 | . . | 07 | 14. | K | $K_0$ |
| 181 | Cassiop. | — | 132 | . . | . . | 36.7 | +58 13 | 6.13 | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | 33b | . . | . . | . . | 18 | A | $B_9$ |
| 182 | Andr. | 33 | 148 | 101 | . . | 37.2 | +40 43 | neb. | R | . . | . . | R | . . | R | . . | . . | R | . . | . . | . . | . . | . . | R | . . | R | --- |
| 183 | Phoenix | ξ | 143 | 109 | 633 | 37.2 | −57 3 | 5.83 | . . | . . | . . | . . | 02 | . . | . . | 02 | . . | . . | . . | . . | . . | . . | 20 | 3. | F p | $F_0p$ |
| 184 | Cassiop. | π 20 | 146 | 102 | . . | 37.9 | +46 29 | 5.02 | 05 | . . | . . | . . | . . | 02 | 08 | . . | 02 | . . | 00 | 24c | . . | . . | 12 | 25 | A 5 | $A_5$ |
| 185 | Sculptor | $\lambda^1$ | 175 | 112 | 645 | 37.9 | −39 1 | 6.07 | . . | 07 | . . | . . | 05 | 17 | 18 | 22 | . . | . . | . . | . . | 52 | . . | 12 | 3. | A | $A_0$ |
| 186 | Tucana | — | 49 | 115 | 652 | 38.2 | −60 49 | 5.84 | . . | . . | . . | . . | 06 | . . | . . | 06 | . . | . . | . . | . . | . . | . . | 02 | 13. | G | $K_2$ |
| 187 | Tucana | ρ | 47 | 116 | 653 | 38.2 | −66 1 | 5.46 | . . | . . | . . | . . | 04 | . . | . . | 03 | . . | 26 | . . | . . | . . | . . | 26 | 5. | F 5 | $F_5$ |
| 188 | Cetus | β 16 | 115 | 103 | 657 | 38.6 | −18 32 | 2.24 | 11 | . . | . . | 07 | . . | 11 | . . | 06 | 31 | 04 | 18 | . . | . . | . . | 30 | 162 | K | $K_0$ |
| 189 | Cassiop. | — | 181 | 105 | . . | 38.8 | +47 19 | 5.55 | 05 | . . | . . | . . | . . | 05 | . . | . . | . . | . . | 07 | 35c | . . | . . | 00 | 10 | B 2 | $B_3$ |
| 190 | Cetus | — | 126 | 106 | 661 | 38.8 | −12 33 | 6.18 | 27 | . . | . . | . . | . . | 10 | 12 | 04 | . . | . . | . . | . . | . . | . . | 24 | 20 | K | $G_5$ |
| 191 | Phoenix | η | 42 | 118 | 662 | 38.8 | −58 1 | 4.53 | . . | . . | . . | . . | 04 | . . | . . | 04 | . . | 24 | . . | . . | . . | . . | 08 | 2. | A | $A_0$ |
| 192 | Cassiop. | 21 | 27 | 104 | . . | 39.0 | +74 26 | 5.59 | 01 | 15 | . . | . . | . . | 08 | 06 | . . | 01 | . . | 19 | 39b | . . | 10 | 01 | 03 | A 2 | $A_2$ |
| 193 | Cassiop. | o 22 | 183 | 107 | . . | 39.2 | +47 44 | 4.70 | 06 | . . | . . | . . | . . | 07 | . . | . . | 10 | . . | 15 | 16b | . . | . . | 10 | 12 | B 2 | $B_2$ |
| 194 | Cetus | $\varphi^1$ 17 | 128 | 109 | 664 | 39.2 | −11 9 | 4.93 | 00 | . . | . . | . . | . . | 05 | . . | 05 | 12 | 03 | . . | . . | . . | . . | 05 | 63 | K | $K_0$ |
| 195 | Sculptor | $\lambda^2$ | 181 | 120 | 666 | 39.4 | −38 59 | 5.97 | . . | 27 | . . | . . | 21 | 06 | 05 | 07 | . . | . . | . . | . . | 42 | . . | 12 | 8. | K 5 | $K_0$ |
| 196 | Cassiop. | — | 143 | 110 | . . | 39.6 | +54 40 | 5.47 | 11 | . . | . . | . . | . . | 09 | 03 | . . | . . | . . | 23 | 09c | . . | . . | 07 | 23 | A | $A_0$ |
| 197 | Cetus | — | 127 | 111 | 669 | 39.8 | −22 34 | 5.30 | 07 | . . | . . | 06 | . . | 01 | . . | . . | . . | 28 | . . | . . | . . | . . | 00 | 13 | A 5 | $A_5$ |
| 198 | Phoenix | — | 207 | . . | 681 | 40.2 | −43 13 | 6.00 | . . | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | 25 | . . | . . | 3. | A 5 | $A_5$ |
| 199 | Tucana | — | 72 | . . | 684 | 40.2 | −63 3 | 6.17 | . . | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | 92 | . . | . . | . . | F | $F_5$ |
| 200 | Cassiop. | — | 49 | . . | . . | 40.3 | +68 47 | 6.42 | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | 16c | . . | . . | . . | 33 | F | $F_2$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



0h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 201 | Cetus | — | 120 | .. | 683 | 40.3 | − 5 11 | 6.44 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | .. | F 5 | $K_2$ |
| 202 | Phoenix | — | 166 | .. | 686 | 40.3 | −54 16 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | K 5 | $F_8$ |
| 203 | Cetus | 18 | 128 | 112 | 685 | 40.4 | −13 26 | 6.11 | 09 | .. | .. | .. | .. | 09 | .. | .. | 11 | 55 | .. | .. | .. | .. | 14 | 04 | G | $G_0$ |
| 204 | Cassiop. | — | 148 | .. | .. | 40.6 | +54 45 | 6.52 | .. | .. | 04 | .. | .. | 04 | 01 | .. | .. | .. | .. | 23b | .. | .. | .. | 35 | A 2 | $A_2$ |
| 205 | Andr. | — | 160 | 113 | .. | 40.7 | +44 18 | 5.99 | 12 | .. | 08 | .. | .. | 04 | .. | .. | .. | .. | 07 | 29b | .. | .. | 14 | 33 | A | $B_8$ |
| 206 | Cetus | — | 132 | .. | 688 | 40.7 | −16 58 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 06 | F 5 | $F_0$ |
| 207 | Cassiop. | — | 101 | .. | .. | 40.9 | +59 2 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04d | .. | .. | .. | .. | F 5 | $G_5$ |
| 208 | Cassiop. | 23 | 29 | 114 | .. | 41.1 | +74 18 | 5.39 | 09 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | 15 | 31b | .. | 15 | 14 | 03 | B 8 | $B_8$ |
| 209 | Phoenix | — | 176 | 128 | 702 | 41.1 | −48 6 | 5.79 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | 34 | .. | 04 | 6. | K | $K_0$ |
| 210 | Cetus | — | 293 | 115 | 704 | 41.2 | −23 4 | 5.62 | 07 | .. | .. | 07 | .. | 02 | 00 | .. | .. | 01 | .. | .. | .. | .. | 03 | 22 | G 5 | $K_0$ |
| 211 | Pisces | 57 | 111 | 116 | .. | 41.3 | +14 55 | 5.58 | 13 | .. | .. | .. | .. | 07 | 06 | .. | 22 | .. | 15 | 04d | .. | .. | 17 | 71 | Mb | Ma |
| 212 | Cassiop. | — | 37 | .. | .. | 41.6 | +72 8 | 6.04 | .. | .. | .. | .. | .. | 11 | 12 | .. | .. | .. | .. | 06c | .. | .. | .. | 27 | K | $K_0$ |
| 213 | Pisces | 58 | 96 | 117 | .. | 41.8 | +11 25 | 5.68 | 02 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | 32 | 01c | .. | .. | 02 | 74 | K | $G_5$ |
| 214 | Pisces | 59 | 101 | 118 | .. | 41.9 | +19 1 | 6.06 | 01 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | 18 | 29b | .. | .. | 11 | 02 | F | $A_5$ |
| 215 | Andr. | ζ 34 | 106 | 119 | .. | 42.0 | +23 43 | 4.30 | 08 | .. | .. | .. | .. | 09 | 01 | .. | 35 | .. | 17 | 04c | .. | .. | 05 | 103 | K | $K_0$ |
| 216 | Pisces | 60 | 104 | .. | .. | 42.2 | + 6 12 | 6.20 | .. | .. | .. | 11 | .. | 12 | .. | .. | 40 | .. | .. | 06c | .. | .. | 12 | 09 | G 5 | $G_5$ |
| 217 | Pisces | 61 | 105 | .. | .. | 42.6 | +20 23 | 6.60 | .. | .. | 05 | 05 | .. | .. | 10 | .. | 30 | .. | .. | 14b | .. | .. | .. | 08 | F 5 | $F_8$ |
| 218 | Cetus | — | 127 | .. | 725 | 42.7 | −18 37 | 5.88 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | 58 | K | $K_0$ |
| 219 | Cassiop. | η 24 | 150 | 120 | .. | 43.0 | +57 17 | 3.64 | 00 | .. | .. | 00 | .. | 02 | 01 | .. | 01 | .. | 23 | 08c | .. | .. | 14 | 109 | F 8 | $F_8$ |
| 220 | Cetus | — | 134 | 124 | 731 | 43.0 | −22 16 | 5.45 | 05 | .. | .. | 09 | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | 03 | 04 | B 9 | $B_9$ |
| 221 | Pisces | 62 | 105 | 122 | .. | 43.1 | + 6 45 | 6.07 | 06 | .. | .. | 07 | .. | 02 | .. | .. | 07 | .. | .. | 03d | .. | .. | 01 | 43 | K | $K_0$ |
| 222 | Pisces | — | 123 | 123 | .. | 43.1 | + 4 46 | 5.82 | 14 | .. | .. | 11 | .. | 03 | .. | .. | .. | .. | 08 | 16c | .. | .. | 15 | 32 | K | $G_5$ |
| 223 | Cassiop. | ν 25 | 147 | 121 | .. | 43.2 | +50 25 | 5.03 | 03 | .. | .. | .. | .. | 10 | 12 | .. | 03 | .. | 10 | 05b | .. | .. | 16 | 05 | B 9 | $B_9$ |
| 224 | Pisces | δ 63 | 107 | 125 | .. | 43.5 | + 7 2 | 4.55 | 03 | .. | .. | .. | .. | 03 | ... | .. | 55 | .. | 23 | 10d | .. | .. | 05 | 105 | K 5 | $K_5$ |
| 225 | Pisces | 64 | 76 | 126 | .. | 43.7 | +16 24 | 5.23 | 11 | .. | .. | .. | .. | 06 | 04 | .. | 12 | .. | 14 | 11b | .. | .. | 12 | 34 | F | $F_5$ |
| 226 | Andr. | ν 35 | 171 | 127 | .. | 44.3 | +40 32 | 4.42 | 00 | .. | .. | .. | .. | 01 | .. | .. | 18 | .. | 20 | 38b | .. | .. | 08 | 27 | B 3 | $B_3$ |
| 227 | Cetus | — | 145 | 129 | 746 | 44.3 | −14 6 | 5.84 | 04 | .. | 20 | .. | .. | 06 | 12 | .. | .. | 03 | .. | .. | .. | .. | 04 | 32 | K 5 | $K_2$ |
| 228 | Cetus | — | 345 | 128 | 743 | 44.3 | −24 41 | 6.06 | 05 | .. | .. | 05 | 04 | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 09 | 00 | G 5 | $G_5$ |
| 229 | Phoenix | — | 229 | 140 | 745 | 44.3 | −47 15 | 6.24 | .. | .. | .. | .. | 13 | .. | .. | 14 | .. | .. | .. | .. | 34 | .. | 24 | 8. | K | $K_0$ |
| 230 | Pisces | i 65 | 131 | 131 | .. | 44.5 | +27 10 | 6.29 | 09 | .. | .. | .. | .. | 11 | 01 | .. | 16 | .. | 29 | 12b | .. | .. | 11 | 66 | F | $F_0$ |
| 231 | Pisces | | | 132 | .. | 44.5 | +27 10 | 6.29 | | | | | | | | | | | | | | | | | | |
| 232 | Cetus | — | 347 | .. | 749 | 44.6 | −23 55 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 44 | A | $A_2$ |
| 233 | Cassiop. | — | 99 | 130 | .. | 44.7 | +63 42 | 5.45 | 05 | .. | .. | .. | .. | 08 | 14 | .. | .. | .. | 20 | 17c | .. | .. | 05 | 25 | F | $F_2$ / $A_2$ |
| 234 | Andr. | — | 176 | 133 | .. | 44.7 | +44 27 | 6.12 | 25 | .. | 15 | .. | .. | 01 | 09 | .. | .. | .. | 47 | 26b | .. | .. | 12 | 17 | A | $A_0$ |
| 235 | Cetus | $\varphi^2$19 | 153 | 135 | 757 | 45.1 | −11 11 | 5.24 | 03 | .. | .. | .. | .. | 03 | .. | .. | 06 | 30 | .. | .. | .. | .. | 06 | 40 | F | $F_5$ |
| 236 | Hydrus | λ | 64 | 142 | 762 | 45.1 | −75 28 | 4.96 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 06 | 16. | K 5 | $K_5$ |
| 237 | Cassiop. | — | 178 | .. | .. | 45.2 | +61 16 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 24d | .. | .. | .. | .. | K | $K_2$ |
| 238 | Cassiop. | — | 161 | .. | .. | 45.2 | +50 58 | 6.46 | .. | .. | 06 | .. | .. | .. | 07 | .. | .. | .. | .. | 12b | .. | .. | .. | 13 | A 5 | $A_5$ |
| 239 | Phoenix | — | 216 | 144 | 759 | 45.4 | −43 57 | 6.41 | .. | .. | .. | .. | 10 | 27 | .. | 37 | .. | .. | .. | .. | 06 | .. | 01 | 4. | A 5 | $F_0$ |
| 240 | Cepheus | — | 20 | 134 | .. | 45.5 | +83 10 | 5.55 | 08 | .. | 09 | .. | .. | 01 | .. | .. | .. | .. | 15 | 29b | .. | .. | 01 | 10 | A 2 | $A_2$ |
| 241 | Cassiop. | — | 164 | .. | .. | 45.8 | +51 2 | 6.24 | .. | .. | 08 | .. | .. | .. | 07 | .. | .. | .. | .. | 20a | .. | .. | .. | 22 | A | $A_0$ |
| 242 | Phoenix | ρ | 209 | 146 | 769 | 46.1 | −51 32 | 5.22 | .. | .. | .. | .. | 22 | .. | .. | 23 | .. | 09 | .. | .. | .. | .. | 17 | 9. | F 5 | $F_5$ |
| 243 | Pisces | — | 118 | .. | .. | 46.2 | + 2 50 | 6.51 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 07c | .. | .. | .. | 32 | F | $G_5$ |
| 244 | Cassiop. | — | 124 | 136 | .. | 47.1 | +60 34 | 4.93 | 04 | .. | .. | 13 | .. | 13 | 04 | .. | .. | .. | 20 | 13c | .. | .. | 12 | 45 | F 8 | $F_8$ |
| 245 | Phoenix | — | 226 | 148 | 780 | 47.2 | −44 15 | 6.64 | .. | .. | .. | .. | 00 | 33 | .. | 32 | .. | .. | .. | .. | .. | .. | 06 | 2. | F | $F_2$ |
| 246 | Andr. | — | 159 | .. | .. | 47.4 | +38 1 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 38b | .. | .. | .. | 25 | A | $A_0$ |
| 247 | Cetus | — | 376 | 137 | 791 | 47.7 | −24 33 | 5.59 | 06 | .. | .. | 06 | 09 | 03 | .. | .. | .. | .. | .. | .. | .. | 23 | 04 | 37 | K | $K_0$ |
| 248 | Cetus | 20 | 114 | 138 | 792 | 47.9 | − 1 41 | 4.92 | 12 | .. | 10 | .. | .. | 03 | .. | .. | 53 | .. | 30 | .. | .. | .. | 13 | 113 | K | $K_0$ |
| 249 | Andr. | — | 148 | .. | .. | 48.0 | +36 53 | 6.13 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10c | .. | .. | .. | 04 | K | $K_0$ |
| 250 | Cassiop. | — | 179 | .. | .. | 48.1 | +52 9 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 31b | .. | .. | .. | 06 | A | $A_0$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



0h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 251 | Cetus | — | 338 | .. | 799 | 48.3 | −25 19 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 19 | F 5 | $F_2$ |
| 252 | Tucana | λ1 | 37 | 150 | 810 | 48.6 | −70 3 | 6.59 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | R | .. | .. | 10. | F 5 | $F_8$ |
| 253 | Cassiop. | υ1 26 | 134 | 139 | .. | 49.0 | +58 26 | 4.95 | 11 | .. | .. | .. | .. | 08 | 04 | .. | 15 | .. | 12 | 06d | .. | .. | 15 | 69 | K 5 | $K_0$ |
| 254 | Pisces | 66 | 122 | 140 | .. | 49.3 | +18 38 | 5.76 | 06 | .. | .. | .. | .. | 06 | .. | .. | 14 | .. | 31 | 22b | .. | .. | 04 | 03 | A | $A_0$ |
| 255 | Cetus | 21 | 181 | .. | 818 | 49.3 | − 9 17 | 6.38 | .. | .. | 08 | 05 | .. | 02 | 12 | 05 | 38 | .. | .. | .. | .. | .. | .. | 02 | G5 | $G_0$ |
| 256 | Cassiop. | — | 242 | .. | .. | 49.4 | +48 9 | 6.60 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32d | .. | .. | .. | .. | K | Ma |
| 257 | Tucana | — | 83 | 153 | 825 | 49.4 | −63 25 | 5.64 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | 24 | .. | 16 | 22. | Mb | Mb |
| 258 | Andr. | 36 | 146 | 141 | .. | 49.6 | +23 5 | 5.60 | 17 | .. | .. | 25 | .. | 02 | 06 | .. | 30 | .. | .. | 03c | .. | .. | 25 | 66 | K | $K_0$ |
| 259 | Pisces | — | 126 | .. | .. | 49.9 | +24 1 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09d | .. | .. | .. | 48 | Ma | Mb |
| 260 | Cassiop. | — | 172 | .. | .. | 50.2 | +57 26 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03d | .. | .. | .. | .. | K | $K_2$ |
| 261 | Cassiop. | — | 81 | .. | .. | 50.4 | +68 15 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18c | .. | .. | .. | 27 | F | $F_0$ |
| 262 | Pisces | k 67 | 151 | 144 | .. | 50.6 | +26 40 | 5.94 | 05 | .. | .. | .. | .. | 04 | .. | .. | 06 | .. | 06 | 35a | .. | 20 | 01 | 26 | A | $A_2$ |
| 263 | Cetus | — | 167 | 146 | 840 | 50.6 | − 7 53 | 6.00 | 00 | .. | .. | .. | .. | 16 | 00 | 14 | .. | .. | .. | .. | .. | .. | 00 | 41 | K | $K_2$ |
| 264 | Cassiop. | γ 27 | 144 | 142 | .. | 50.7 | +60 11 | 2.25 | 05 | 01 | .. | .. | .. | 02 | 04 | .. | 03 | .. | 06 | 21a | .. | 03 | 05 | R | Bp | $B_0p$ |
| 265 | Cassiop. | υ2 28 | 138 | 143 | .. | 50.7 | +58 38 | 4.83 | 06 | .. | .. | .. | .. | 07 | 12 | .. | 07 | .. | 10 | 03d | .. | .. | 08 | 82 | K | $K_0$ |
| 266 | Cassiop. | — | 146 | 145 | .. | 50.8 | +59 50 | 5.54 | 04 | .. | 08 | 11 | .. | 09 | 14 | .. | .. | .. | .. | 28b | .. | .. | .. | 02 | B 8 | $B_9$ |
| 267 | Cetus | φ3 22 | 162 | 147 | 851 | 51.0 | −11 49 | 5.49 | 13 | .. | .. | .. | .. | 03 | .. | 15 | 16 | 24 | .. | .. | .. | .. | 03 | 89 | K | $K_0$ |
| 268 | *Sculptor* | — | 288 | 149 | 854 | 51.1 | −28 19 | 6.20 | 17 | .. | .. | 13 | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 18 | 10. | Ma | Ma |
| 269 | Andr. | μ 37 | 175 | 148 | .. | 51.2 | +37 57 | 3.94 | 02 | .. | .. | .. | .. | 02 | .. | .. | 19 | .. | 04 | 09a | .. | .. | 01 | 49 | A 2 | $A_2$ |
| 270 | Tucana | λ2 | 40 | 159 | 860 | 51.2 | −70 4 | 5.34 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | .. | .. | .. | 34 | .. | 04 | 13. | G 5 | $K_0$ |
| 271 | Andr. | η 38 | 153 | 150 | .. | 51.9 | +22 52 | 4.62 | 03 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | 21 | 02d | .. | .. | 13 | 83 | G 5 | $G_5$ |
| 272 | Andr. | — | 237 | .. | .. | 52.0 | +45 18 | 6.24 | .. | .. | 08 | .. | .. | 07 | .. | .. | .. | .. | .. | 00c | .. | .. | .. | 35 | F | $K_0$ |
| 273 | Cassiop. | — | 115 | 151 | .. | 52.2 | +65 49 | 6.00 | 02 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 01 | 10b | .. | 02 | 00 | 27 | A | $B_9$ |
| 274 | Pisces | h 68 | 157 | 152 | .. | 52.4 | +28 27 | 5.64 | 08 | .. | .. | .. | .. | 09 | .. | .. | 04 | .. | 08 | 04c | .. | .. | 04 | 67 | K | $K_0$ |
| 275 | Andr. | — | 140 | 154 | .. | 52.7 | +33 26 | 6.22 | 18 | .. | .. | .. | .. | 18 | .. | .. | .. | .. | 26 | 08c | .. | .. | 13 | 23 | G | $K_0$ |
| 276 | Pisces | — | 119 | 153 | .. | 52.7 | +13 9 | 6.44 | 01 | .. | .. | 02 | .. | 00 | .. | .. | .. | .. | 15 | 03b | .. | .. | 04 | 14 | G 5 | $G_5$ |
| 277 | Pisces | — | 131 | .. | .. | 53.0 | +20 52 | 6.41 | .. | .. | 09 | .. | .. | .. | 09 | .. | .. | .. | .. | 33b | .. | .. | .. | 27 | A | $A_0$ |
| 278 | Cassiop. | — | 65 | .. | .. | 53.7 | +70 28 | 6.46 | .. | .. | 02 | .. | .. | .. | 02 | .. | .. | .. | .. | 10b | .. | .. | .. | 34 | A | $A_0$ |
| 279 | Cetus | φ4 23 | 173 | 156 | 900 | 53.7 | −11 55 | 5.79 | 00 | .. | .. | .. | .. | 07 | .. | 06 | 01 | 03 | .. | .. | .. | .. | 01 | 42 | G 5 | $G_5$ |
| 280 | *Sculptor* | α | 297 | 158 | 902 | 53.8 | −29 54 | 4.39 | 33 | 25 | .. | .. | 07 | 04 | 11 | 14 | .. | 13 | .. | .. | .. | .. | 39 | 9. | B 5 | $B_5$ |
| 281 | Tucana | — | 50 | .. | 910 | 54.2 | −61 14 | 6.37 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 67 | .. | .. | 3. | A 3 | $A_3$ |
| 282 | Andr. | — | 193 | 159 | .. | 54.4 | +44 10 | 6.84 | 05 | .. | .. | .. | .. | 12 | 06 | .. | .. | .. | 27 | 54b | .. | .. | 20 | 09 | A | $B_9$ |
| 283 | Andr. | — | | | .. | 54.4 | +44 10 | 6.04 | | | | | | | | | | | | 40b | | | | | | |
| 284 | Pisces | — | 131 | .. | .. | 54.7 | + 5 56 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05d | .. | .. | .. | .. | Mb | Ma |
| 285 | Cepheus | 2 | 19 | 155 | .. | 55.0 | +85 43 | 4.52 | 06 | .. | 01 | .. | .. | 07 | .. | .. | R | .. | 14 | 10d | .. | .. | 17 | 133 | K | $K_0$ |
| 286 | Cepheus | — | 4 | .. | .. | 55.6 | +88 29 | 6.48 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 22b | .. | .. | .. | 07 | A | $A_2$ |
| 287 | Cassiop. | — | 202 | .. | .. | 56.5 | +50 30 | 6.62 | .. | .. | A | .. | .. | .. | R | .. | .. | .. | .. | 14b | .. | .. | .. | 30 | A | $A_3$ |
| 288 | Sculptor | ξ | 260 | 172 | 943 | 56.7 | −39 28 | 5.57 | .. | 04 | .. | .. | 18 | 14 | 03 | 01 | .. | .. | .. | .. | .. | .. | 02 | 10. | K | $K_0$ |
| 289 | Andr. | — | 243 | .. | .. | 57.3 | +46 50 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32c | .. | .. | .. | 03 | F | $F_0$ |
| 290 | Andr. | 39 | 209 | 160 | .. | 57.3 | +40 48 | 5.86 | 04 | .. | .. | .. | .. | 03 | .. | .. | 26 | .. | 21 | 27b | .. | .. | 04 | 14 | A | $A_2$ |
| 291 | Pisces | σ 69 | 168 | 161 | .. | 57.3 | +31 16 | 5.46 | 14 | .. | .. | .. | .. | 09 | 06 | .. | 01 | .. | 20 | 27b | .. | .. | 01 | 12 | B 9 | $B_9$ |
| 292 | Cassiop. | — | 157 | .. | .. | 57.4 | +60 32 | 5.94 | .. | .. | 07 | .. | .. | 03 | 10 | .. | .. | .. | .. | 24c | .. | .. | .. | 01 | F | $F_0$ |
| 293 | Sculptor | σ | 410 | 175 | 953 | 57.7 | −32 6 | 5.52 | .. | 05 | .. | .. | 04 | 06 | 09 | 16 | .. | .. | .. | .. | .. | 01 | .. | 1. | A | $A_2$ |
| 294 | Pisces | ε 71 | 153 | 162 | .. | 57.8 | + 7 21 | 4.45 | 01 | .. | .. | .. | .. | 06 | 07 | .. | 05 | .. | 28 | 21c | .. | .. | 05 | 113 | G 5 | $K_0$ |
| 295 | Phoenix | — | 220 | 176 | 959 | 57.8 | −57 33 | 6.00 | .. | .. | .. | .. | 14 | .. | .. | 15 | .. | .. | .. | .. | .. | .. | 11 | 4. | K | $K_0$ |
| 296 | Cetus | 25 | 177 | 165 | 958 | 58.0 | − 5 22 | 5.69 | 16 | .. | 06 | .. | .. | 07 | .. | 15 | 19 | .. | 36 | .. | .. | .. | 13 | 44 | K | $G_5$ |
| 297 | Cassiop. | — | 158 | 163 | .. | 58.1 | +61 4 | 5.88 | 01 | .. | .. | .. | .. | 06 | 06 | .. | .. | .. | .. | 07c | .. | .. | 12 | 12 | F | $F_8$ |
| 298 | Cassiop. | — | 220 | 164 | .. | 58.1 | +51 58 | 6.27 | 13 | .. | .. | .. | .. | 07 | 05 | .. | .. | .. | .. | 12d | .. | .. | .. | 19 | K | $K_2$ |
| 299 | Phoenix | — | 313 | 178 | 965 | 58.3 | −46 56 | 5.34 | .. | .. | .. | .. | 16 | .. | .. | 15 | .. | .. | .. | .. | .. | 11 | .. | 14 11. | K | $K_0$ |
| 300 | Sculptor | — | 325 | 179 | 968 | 58.5 | −30 4 | 6.39 | .. | .. | .. | .. | 04 | .. | 04 | 01 | .. | .. | .. | .. | .. | .. | .. | 4. | G 5 | $G_0$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 301 | Cetus | 26 | 174 | 166 | .. | 58.7 | + 0 50 | 6.07 | 03 | .. | .. | .. | .. | 08 | 04 | .. | 07 | .. | .. | 13b | .. | .. | 07 | 00 | A | F0 |
| 302 | Cassiop. | — | 212 | .. | .. | 58.9 | +50 29 | 6.50 | .. | .. | 07 | .. | .. | .. | 06 | .. | .. | .. | .. | 19b | .. | .. | .. | 30 | A | B3 |
| 303 | Pisces | — | 174 | .. | .. | 58.9 | +29 9 | 6.08 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 36b | .. | .. | .. | 06 | F | F5 |
| 304 | Tucana | — | 80 | .. | 978 | 58.9 | −66 0 | 6.22 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | Ma | M0 |
| 305 | Andr. | — | 249 | .. | .. | 59.0 | +39 27 | 6.69 | .. | .. | 28 | .. | .. | .. | 28 | .. | .. | .. | .. | 29b | .. | .. | .. | 02 | A | F0 |
| 306 | Cepheus | — | 17 | .. | .. | 59.1 | +86 37 | 6.40 | .. | .. | 07 | .. | .. | 08 | .. | .. | .. | .. | .. | 10d | .. | .. | 00 | 69 | K | K0 |
| 307 | Pisces | 73 | 172 | 167 | .. | 59.7 | + 5 7 | 6.17 | 21 | .. | 30 | .. | .. | 08 | 02 | .. | 18 | .. | .. | 11d | .. | .. | 03 | 47 | K | K2 |
| 308 | Pisces | 72 | 163 | 168 | .. | 59.8 | +14 24 | 5.65 | 02 | .. | .. | .. | .. | 06 | 04 | .. | 08 | .. | 19 | 25c | .. | .. | 05 | 18 | F | F2 |
| 309 | Cassiop. | — | 206 | .. | .. | 0.0 | +62 14 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33b | .. | .. | .. | 54 | A | A3 |
| 310 | Pisces | $\psi^1$74 | 156 | 169 | .. | 0.4 | +20 56 | 5.55 | 11 | .. | .. | .. | .. | 06 | 17 | .. | 18 | .. | 39 | 02b | .. | .. | 10 | 08 | A | A2 |
| 311 | Pisces | | 157 | 170 | .. | 0.4 | +20 56 | 5.82 | | | | | | | 17 | | | | 48 | 01b | | | | | A 2 | A0 |
| 312 | Cepheus | — | 29 | .. | .. | 0.7 | +79 29 | 6.38 | .. | .. | 08 | .. | .. | .. | 09 | .. | .. | .. | .. | 01c | .. | .. | .. | 02 | K | K0 |
| 313 | Pisces | 77 | 175 | 171 | .. | 0.7 | + 4 22 | 6.75 | 22 | .. | 30 | 02 | .. | 10 | 06 | .. | 35 | .. | 22 | 14b | .. | .. | 25 | 30 | F | F2 |
| 314 | Pisces | | 176 | | .. | 0.7 | + 4 22 | 7.64 | | | | | | | | | | | 67 | 18b | | | | | | F2 |
| 315 | Cetus | 27 | 229 | .. | 998 | 0.7 | −10 31 | 6.41 | .. | .. | 04 | 12 | .. | .. | 17 | .. | 11 | 80 | .. | .. | .. | .. | .. | 28 | G | G5 |
| 316 | Cassiop. | — | 196 | .. | .. | 0.9 | +56 24 | 6.58 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 11d | .. | .. | .. | 53 | K | K0 |
| 317 | Cetus | 28 | 230 | 172 | 1009 | 1.1 | −10 23 | 5.59 | 21 | .. | 14 | .. | .. | 10 | 10 | 26 | 26 | 19 | .. | .. | .. | .. | 07 | 00 | A | A0 |
| 318 | Cassiop. | — | 262 | .. | . | 1.2 | +52 58 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10d | .. | .. | .. | .. | K | K0 |
| 319 | Pisces | 75 | 135 | 174 | .. | 1.3 | +12 25 | 6.22 | 09 | .. | .. | .. | .. | 08 | .. | .. | 12 | .. | 03 | 05c | .. | .. | 12 | 45 | G 5 | G5 |
| 320 | Cetus | — | 484 | .. | 1017 | 1.3 | −24 32 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 13 | K | G5 |
| 321 | Cassiop. | $\mu$ 30 | 223 | 175 | .. | 1.6 | +54 26 | 5.26 | 05 | .. | .. | .. | .. | 04 | 08 | .. | 06 | .. | 14 | 06d | .. | .. | 03 | 38 | G 5 | G5 |
| 322 | Phoenix | $\beta$ | 324 | 187 | 1024 | 1.6 | −47 15 | 3.35 | .. | .. | .. | .. | 04 | 16 | 08 | 03 | .. | 14 | .. | .. | 00 | .. | 03 | 16. | K | K0 |
| 323 | Sculptor | — | 417 | .. | 1025 | 1.8 | −36 12 | 6.60 | .. | .. | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | 3. | A | B9 |
| 324 | Andr. | 41 | 234 | 176 | .. | 2.2 | +43 24 | 5.16 | 18 | .. | .. | .. | .. | 01 | 19 | .. | 09 | .. | 01 | 05b | .. | 09 | 09 | 01 | A 2 | A2 |
| 325 | Cetus | — | 496 | .. | 1038 | 2.3 | −24 32 | 6.26 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 35 | A | A2 |
| 326 | Cassiop. | — | 200 | 177 | .. | 2.4 | +57 44 | 5.70 | 04 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | 35b | .. | .. | 33 | 12 | A | B8 |
| 327 | Pisces | 78 | 185 | 173 | .. | 2.4 | +31 29 | 6.29 | 05 | .. | .. | .. | .. | 11 | 05 | .. | 14 | .. | .. | 09b | .. | .. | 09 | 14 | A | F2 |
| 328 | Pisces | $\psi^2$79 | 185 | 178 | .. | 2.6 | +20 12 | 5.63 | 09 | .. | 08 | .. | .. | 00 | .. | .. | 08 | .. | 13 | 14b | .. | .. | 05 | 07 | A 2 | A2 |
| 329 | Cetus | 30 | 238 | 179 | 1044 | 2.7 | −10 19 | 5.87 | 04 | .. | 19 | .. | .. | 15 | 10 | 02 | 23 | 06 | .. | .. | .. | .. | 07 | 05 | F 8 | F2 |
| 330 | Pisces | e 80 | 190 | 181 | .. | 3.2 | + 5 7 | 5.67 | 01 | .. | 33 | 09 | .. | 16 | 11 | .. | 03 | .. | 07 | 03b | .. | 08 | 23 | 13 | A | F0 |
| 331 | Phoenix | $\upsilon$ | 391 | 190 | 1052 | 3.2 | −42 1 | 5.15 | .. | .. | .. | .. | 00 | 11 | 13 | 25 | .. | .. | .. | .. | 25 | .. | 05 | 6. | A 3 | A3 |
| 332 | Tucana | $\iota$ | 89 | 191 | 1057 | 3.4 | −62 19 | 5.32 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | 07 | .. | 04 | 9. | K | K0 |
| 333 | Cepheus | — | 34 | 180 | .. | 3.6 | +79 9 | 5.68 | 05 | .. | .. | .. | .. | 12 | 08 | .. | .. | .. | 02 | 10b | .. | .. | 08 | 17 | A | A0 |
| 334 | Cetus | $\eta$ 31 | 240 | 183 | 1056 | 3.6 | −10 43 | 3.60 | 03 | .. | 05 | .. | .. | 02 | .. | 06 | 05 | 13 | 13 | .. | .. | .. | 15 | 137 | K | K0 |
| 335 | Andr. | $\varphi$ 42 | 275 | 182 | .. | 3.7 | +46 42 | 4.28 | 02 | .. | .. | .. | .. | 09 | 12 | .. | 22 | .. | 10 | 14b | .. | .. | 09 | 15 | B 8 | B8 |
| 336 | Cassiop. | 31 | 77 | 184 | .. | 3.9 | +68 15 | 5.34 | 05 | 00 | .. | .. | .. | 05 | 02 | .. | 04 | .. | 08 | 23b | .. | 04 | 04 | 07 | A | A0 |
| 337 | Andr. | $\beta$ 43 | 198 | 185 | .. | 4.1 | +35 5 | 2.37 | 16 | .. | 35 | .. | .. | 20 | .. | .. | 33 | .. | 16 | 05e | .. | .. | 15 | 220 | Ma | Ma |
| 338 | Phoenix | $\zeta$ | 241 | 196 | 1069 | 4.2 | −55 47 | 4.13 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | 18 | .. | .. | .. | .. | 13 | 9. | B 8 | B8 |
| 339 | Pisces | $\psi^3$81 | 153 | 186 | .. | 4.5 | +19 7 | 5.60 | 02 | .. | .. | .. | .. | 02 | .. | .. | 05 | .. | 00 | 26c | .. | .. | 08 | 51 | G | G5 |
| 340 | Andr. | 44 | 219 | 187 | .. | 4.6 | +41 33 | 5.74 | 07 | .. | .. | .. | .. | 06 | .. | .. | 14 | .. | 09 | 14c | .. | .. | 14 | 75 | G | G0 |
| 341 | Pisces | — | 186 | 190 | .. | 4.9 | +24 56 | 6.06 | 03 | .. | 07 | .. | .. | 09 | .. | .. | .. | .. | .. | 18d | .. | .. | 11 | 73 | K p | K5 |
| 342 | Cassiop. | — | 149 | 188 | .. | 5.0 | +63 40 | 5.46 | 11 | .. | .. | .. | .. | 02 | 10 | .. | .. | .. | 05 | 35b | .. | .. | 06 | 06 | B 9 | B9 |
| 343 | Cassiop. | $\theta$ 33 | 236 | 189 | .. | 5.0 | +54 37 | 4.52 | 09 | .. | .. | .. | .. | 08 | 01 | .. | 07 | .. | 16 | 06b | .. | .. | 08 | 07 | A 5 | A5 |
| 344 | Pisces | — | 175 | .. | .. | 5.0 | +15 9 | 6.36 | .. | .. | 02 | 05 | .. | 04 | .. | .. | .. | .. | .. | 26c | .. | .. | 16 | 48 | K p | K5 |
| 345 | Cassiop. | 32 | 127 | 191 | .. | 5.1 | +64 29 | 5.49 | 04 | .. | .. | 04 | .. | 01 | .. | .. | 01 | .. | 03 | R b | .. | .. | 14 | 15 | B 8 | B8 |
| 346 | Cetus | 32 | 227 | 192 | 1079 | 5.1 | − 9 26 | 6.58 | 07 | .. | 33 | 04 | .. | 17 | 03 | .. | 05 | .. | .. | .. | .. | .. | 07 | 03 | G 5 | G5 |
| 347 | Cetus | 33 | 221 | 194 | .. | 5.4 | + 1 55 | 6.20 | 06 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | .. | 02d | .. | .. | 10 | 37 | K | K0 |
| 348 | Andr. | 45 | 201 | 193 | .. | 5.5 | +37 12 | 5.75 | 09 | .. | .. | .. | .. | 09 | 01 | .. | 02 | .. | 18 | 31a | .. | .. | 10 | 11 | A | B8 |
| 349 | Pisces | g 82 | 181 | 195 | .. | 5.6 | +30 53 | 5.04 | 02 | .. | .. | .. | .. | 01 | .. | .. | 31 | .. | 11 | 34b | .. | .. | 06 | 19 | A 5 | A5 |
| 350 | Phoenix | — | 81 | .. | 1097 | 6.0 | −58 13 | 6.47 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | K 5 | G5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**1h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 351 | Pisces | χ 84 | 172 | 196 | .. | 6.1 | +20 30 | 4.89 | 03 | .. | .. | .. | .. | 03 | .. | .. | 11 | .. | 02 | 17d | .. | .. | 01 | 78 | K | K0 |
| 352 | Pisces | τ 83 | 190 | 197 | .. | 6.2 | +29 34 | 4.70 | 03 | .. | .. | .. | .. | 03 | .. | .. | 10 | .. | 46 | 10c | .. | .. | 15 | 99 | K p | K0 |
| 353 | Cetus | 34 | 161 | .. | 1104 | 6.7 | − 2 47 | 6.21 | .. | .. | .. | 15 | .. | 02 | 13 | .. | 41 | .. | .. | .. | .. | .. | .. | 14 | K | K0 |
| 354 | Cassiop. | — | 186 | .. | .. | 6.8 | +61 10 | 6.29 | .. | .. | 12 | .. | .. | 04 | 16 | .. | .. | .. | .. | 35b | .. | .. | .. | 47 | A | B9 |
| 355 | Andr. | — | 261 | .. | .. | 6.8 | +44 46 | 6.60 | .. | .. | 03 | .. | .. | .. | 04 | .. | .. | .. | .. | 38e | .. | .. | .. | .. | K | K5 |
| 356 | Pisces | — | 195 | .. | .. | 7.5 | +29 33 | 6.40 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | 02c | .. | .. | .. | 37 | K p | K0 |
| 357 | Cepheus | — | 36 | .. | .. | 7.6 | +79 23 | 6.36 | .. | .. | 00 | .. | .. | .. | 01 | .. | .. | .. | .. | 10c | .. | .. | .. | 22 | F | F2 |
| 358 | Sculptor | — | 484 | .. | 1123 | 7.7 | −31 20 | 6.46 | .. | .. | .. | .. | .. | .. | 13 | 13 | .. | .. | .. | .. | .. | .. | .. | 1. | F 2 | F5 |
| 359 | Sculptor | — | 420 | 209 | 1133 | 8.2 | −38 23 | 5.91 | .. | 01 | .. | .. | 05 | 04 | 13 | 21 | .. | .. | .. | .. | 46 | .. | 06 | 5. | A 2 | A5 |
| 360 | Pisces | φ 85 | 158 | 198 | .. | 8.3 | +24 3 | 4.64 | 05 | .. | .. | .. | .. | 06 | .. | .. | 36 | .. | 13 | 20c | .. | .. | 04 | 102 | K | K0 |
| 361 | Pisces | ζ 86 | 174 | 199 | .. | 8.5 | + 7 3 | 5.57 | 17 | .. | .. | .. | .. | 17 | .. | .. | 18 | .. | 25 | 09b | | | | 31 | A 5 p | A5 |
| 362 | Pisces | | 175 | 200 | .. | 8.5 | + 7 3 | 6.49 | | | | | | | | | | | | 11b | .. | .. | .. | | F 2 | F8 |
| 363 | Pisces | — | 196 | .. | .. | 8.6 | +28 1 | 6.63 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15e | .. | .. | .. | .. | Ma | Ma |
| 364 | Pisces | 87 | 177 | 202 | .. | 8.8 | +15 36 | 5.85 | 06 | .. | 09 | .. | .. | 15 | 01 | .. | 05 | .. | 13 | 45b | .. | 19 | 15 | 11 | A | B8 |
| 365 | Cassiop. | — | 90 | 201 | .. | 9.0 | +71 13 | 6.38 | 02 | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | .. | 33e | .. | .. | 13 | 65 | K | K0 |
| 366 | Cetus | 37 | 216 | 203 | 1149 | 9.4 | − 8 28 | 5.21 | 19 | .. | .. | .. | .. | 01 | .. | 19 | 09 | 01 | 02 | .. | .. | .. | 33 | 37 | F | F0 |
| 367 | Pisces | 88 | 181 | 204 | .. | 9.5 | + 6 28 | 6.21 | 10 | .. | .. | .. | .. | 13 | 03 | .. | 09 | .. | 20 | 03c | .. | .. | 11 | 03 | K | K0 |
| 368 | Cetus | 38 | 162 | 205 | 1156 | 9.7 | − 1 31 | 5.82 | 02 | .. | .. | .. | .. | 03 | .. | R | 13 | .. | 20 | .. | .. | .. | 12 | 18 | F | F5 |
| 369 | Andr. | — | 357 | .. | .. | 10.5 | +47 33 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 40b | .. | .. | .. | 42 | A | B8 |
| 370 | Phoenix | ν | 346 | 216 | 1174 | 10.6 | −46 4 | 4.88 | .. | .. | .. | .. | 04 | 30 | 06 | 30 | .. | .. | .. | .. | 28 | .. | 07 | 12. | G | G0 |
| 371 | Pisces | — | 223 | .. | .. | 10.7 | +32 36 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 08c | .. | .. | .. | 43 | G 5 | K0 |
| 372 | Andr. | — | 271 | .. | .. | 11.3 | +44 23 | 6.48 | .. | .. | 06 | .. | .. | .. | 07 | .. | .. | .. | .. | 30d | .. | .. | .. | .. | K | K5 |
| 373 | Cetus | 39 | 172 | 206 | 1187 | 11.5 | − 3 2 | 5.54 | 10 | .. | .. | .. | .. | 09 | .. | R | 41 | .. | 23 | .. | .. | .. | 11 | 50 | K | G0 |
| 374 | Pisces | — | 196 | .. | .. | 11.9 | +31 14 | 6.86 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 39c | .. | .. | .. | 07 | G | K0 |
| 375 | Cepheus | — | 40 | .. | .. | 12.0 | +77 2 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05d | .. | .. | .. | 08 | K | K5 |
| 376 | Andr. | — | 319 | .. | .. | 12.2 | +46 53 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05d | .. | .. | .. | 45 | K | K0 |
| 377 | Tucana | κ | 45 | 220 | 1210 | 12.4 | −69 24 | 4.96 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | 10 | .. | .. | 41 | .. | 21 | 2. | F 8 | F8 |
| 378 | Pisces | f 89 | 185 | 207 | .. | 12.6 | + 3 5 | 5.28 | 15 | .. | .. | 02 | .. | 12 | .. | .. | 08 | .. | 06 | 30b | .. | .. | 18 | 01 | A 2 | A2 |
| 379 | Andr. | — | 220 | .. | .. | 13.1 | +36 52 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30b | .. | .. | .. | 08 | A | A3 |
| 380 | Tucana | — | 81 | 222 | 1231 | 13.6 | −66 55 | 6.30 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | 30 | 1. | A | A0 |
| 381 | Cassiop. | — | 59 | .. | .. | 13.8 | +75 43 | 6.45 | .. | .. | 02 | .. | .. | 09 | 10 | .. | .. | .. | .. | 13b | .. | .. | .. | 37 | A | A3 |
| 382 | Cassiop. | φ 34 | 260 | 208 | .. | 13.8 | +57 42 | 5.25 | 02 | .. | .. | .. | .. | 12 | 11 | .. | 05 | .. | 13 | 08d | .. | .. | 08 | 26 | G | G5 |
| 383 | Pisces | υ 90 | 220 | 209 | .. | 14.0 | +26 44 | 4.67 | 04 | .. | .. | .. | .. | 00 | 04 | .. | 78 | .. | 20 | 34a | .. | .. | 38 | 16 | A 2 | A2 |
| 384 | Cassiop. | 35 | 176 | .. | .. | 14.4 | +64 8 | 6.32 | .. | .. | .. | A | .. | .. | .. | .. | 02 | .. | .. | 32b | .. | .. | .. | 47 | A | A0 |
| 385 | Cetus | 42 | 171 | 211 | 1241 | 14.7 | − 1 2 | 6.01 | 24 | .. | .. | .. | .. | 15 | 09 | .. | 14 | .. | 45 | .. | .. | .. | 07 | .20 | F 2 | F5 |
| 386 | Cepheus | — | 49 | 210 | .. | 15.0 | +78 12 | 6.10 | 22 | .. | .. | .. | .. | 11 | 10 | .. | .. | .. | 13 | 13c | .. | .. | 15 | 06 | F | A2 |
| 387 | Cetus | — | 185 | .. | 1258 | 15.5 | − 3 46 | 6.44 | .. | .. | 02 | .. | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 05 | K | K5 |
| 388 | Cetus | — | 248 | .. | 1259 | 15.5 | −11 46 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 08 | G 2 | K0 |
| 389 | Pisces | l 91 | 215 | 212 | .. | 15.6 | +28 13 | 5.60 | 19 | .. | .. | .. | .. | 20 | .. | .. | 30 | .. | 04 | 27d | .. | .. | 15 | 76 | K | K0 |
| 390 | Andr. | ξ 46 | 287 | 214 | .. | 16.4 | +45 0 | 4.99 | 05 | .. | .. | .. | .. | 12 | 16 | .. | 04 | .. | 19 | 05d | .. | .. | 09 | 90 | K | K0 |
| 391 | Cassiop. | — | 274 | .. | .. | 17.0 | +57 37 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15c | .. | .. | .. | 23 | F | F5 |
| 392 | Pisces | — | 223 | .. | .. | 17.5 | + 1 12 | 6.48 | .. | .. | 01 | .. | .. | .. | 00 | .. | .. | .. | .. | 16d | .. | .. | .. | .. | K | K2 |
| 393 | Cetus | 43 | 179 | .. | 1294 | 17.5 | − 0 58 | 6.46 | .. | .. | .. | 02 | .. | .. | 02 | .. | 24 | .. | .. | .. | .. | .. | .. | 10 | K | K0 |
| 394 | Cetus | — | 229 | .. | 1299 | 17.6 | −19 36 | 6.44 | .. | .. | 09 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 22 | A | F5 |
| 395 | Andr. | 47 | 237 | 216 | .. | 17.9 | +37 12 | 5.53 | 03 | .. | .. | .. | .. | 10 | 07 | .. | 07 | .. | 22 | 24b | .. | .. | 03 | 35 | A | A0 |
| 396 | Andr. | — | 220 | .. | .. | 17.9 | +33 43 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 08b | .. | .. | .. | 76 | G | G5 |
| 397 | Pisces | — | 226 | 217 | .. | 18.0 | +19 57 | 6.30 | 02 | .. | 00 | .. | .. | 03 | .. | .. | .. | .. | 05 | 30d | .. | .. | 20 | .. | K 5 | K5 |
| 398 | Cassiop. | — | 102 | .. | .. | 18.4 | +70 27 | 6.52 | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | 02b | .. | .. | .. | 56 | A | A0 |
| 399 | Cassiop. | ψ 36 | 123 | 218 | .. | 18.9 | +67 36 | 4.96 | 12 | .. | .. | .. | .. | 11 | 02 | .. | 06 | .. | 06 | 00d | .. | .. | 16 | 63 | K | K0 |
| 400 | Sculptor | — | 562 | 239 | 1323 | 18.9 | −31 28 | 5.82 | .. | 05 | .. | .. | 30 | 09 | 14 | 04 | .. | .. | .. | .. | .. | .. | 12 | 12. | K 5 | K5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



1h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 401 | Cetus | 44 | 243 | .. | 1325 | 19.0 | − 8 31 | 6.46 | .. | .. | .. | A | .. | .. | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | A | $A_5$ |
| 402 | Cetus | θ 45 | 244 | 220 | 1326 | 19.0 | − 8 42 | 3.83 | 06 | .. | .. | 01 | .. | 07 | .. | .. | 13 | 06 | 47 | .. | .. | .. | 08 | 120 | K | $K_0$ |
| 403 | Cassiop. | δ 37 | 248 | 219 | .. | 19.3 | +59 43 | 2.80 | 04 | 01 | .. | .. | .. | 03 | 02 | .. | 30 | .. | 09 | 16a | .. | 02 | 10 | 93 | A 5 | $A_5$ |
| 404 | Cetus | — | 223 | 221 | 1330 | 19.4 | − 7 26 | 5.98 | 02 | .. | .. | 18 | .. | 10 | 06 | .. | .. | .. | 07 | .. | .. | .. | 27 | 09 | A | $F_0$ |
| 405 | Cetus | — | 237 | 222 | 1339 | 19.7 | −16 11 | 6.35 | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | 30 | 14 | K | $G_5$ |
| 406 | Cetus | — | 195 | .. | 1336 | 19.8 | − 3 22 | 6.38 | .. | .. | .. | 01 | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 04 | K | $G_5$ |
| 407 | Pisces | — | 226 | .. | .. | 20.1 | +23 0 | 6.07 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 39c | .. | .. | .. | 38 | F | $F_5$ |
| 408 | Phoenix | — | 493 | 243 | 1345 | 20.2 | −42 1 | 5.33 | .. | .. | .. | .. | 02 | 05 | 07 | 13 | .. | .. | .. | .. | 23 | .. | 02 | 13. | G 2 | $K_0$ |
| 409 | Andr. | — | 302 | 223 | .. | 20.4 | +42 57 | 6.08 | 00 | .. | .. | 16 | .. | 28 | 10 | .. | .. | .. | 09 | 20c | .. | .. | 12 | 22 | F | $F_8$ |
| 410 | Andr. | — | 228 | 224 | .. | 20.4 | +34 4 | 6.26 | 04 | .. | .. | .. | .. | 01 | 05 | .. | .. | .. | 25 | 29b | .. | .. | 09 | 27 | A | $F_5$ |
| 411 | Phoenix | — | 463 | 245 | 1347 | 20.4 | −45 3 | 6.38 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | 8. | G 5 | $K_0$ |
| 412 | Cetus | 46 | 266 | 225 | 1349 | 20.7 | −15 7 | 5.19 | 09 | .. | 14 | .. | .. | 22 | .. | .. | 14 | 13 | .. | .. | .. | .. | 09 | 55 | K | $G_5$ |
| 413 | Pisces | ρ 93 | 187 | 226 | .. | 20.9 | +18 39 | 5.32 | 10 | .. | .. | .. | .. | 12 | 02 | .. | 02 | .. | 01 | 18b | .. | .. | 12 | 35 | F | $F_0$ |
| 414 | Pisces | 94 | 189 | 227 | .. | 21.3 | +18 44 | 5.63 | 08 | .. | .. | .. | .. | 08 | .. | .. | 00 | .. | 17 | 04d | .. | .. | 13 | 22 | K | $K_0$ |
| 415 | Andr. | — | 234 | .. | .. | 21.4 | +33 50 | 6.28 | .. | .. | .. | .. | .. | 03 | 02 | .. | .. | .. | .. | 17a | .. | .. | .. | 03 | F 2 | $F_5$ |
| 416 | Cetus | — | 189 | .. | 1361 | 21.4 | − 0 55 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 07 | K | $K_0$ |
| 417 | Andr. | ω 48 | 307 | 228 | .. | 21.7 | +44 53 | 4.96 | 16 | .. | .. | .. | .. | 03 | 20 | .. | 06 | .. | 06 | 06c | .. | .. | 21 | 35 | F 5 | $F_5$ |
| 418 | Andr. | — | 289 | 229 | .. | 21.7 | +40 35 | 6.38 | 01 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | .. | 19b | .. | .. | 18 | 17 | A | $A_3$ |
| 419 | Pisces | — | 211 | .. | .. | 21.7 | + 3 1 | 6.42 | .. | .. | .. | .. | .. | 03 | 04 | .. | .. | .. | .. | 40b | .. | .. | .. | 27 | A | $B_8$ |
| 420 | Hydrus | — | 130 | 249 | 1373 | 21.7 | −64 53 | 5.82 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | .. | .. | 10 | 17. | K 5 | $K_5$ |
| 421 | Cetus | 47 | 262 | 230 | 1370 | 21.9 | −13 34 | 5.68 | 16 | .. | .. | .. | .. | 17 | .. | .. | 18 | .. | .. | .. | .. | 15 | 07 | 33 | F | $F_0$ |
| 422 | Andr. | — | 334 | .. | .. | 22.0 | +39 48 | 6.36 | .. | .. | 01 | .. | .. | .. | 00 | .. | .. | .. | .. | 45b | .. | .. | .. | 12 | A | $B_9$ |
| 423 | Sculptor | R | 525 | 252 | 1377 | 22.4 | −33 4 | var. | .. | .. | .. | .. | V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | V | N | N |
| 424 | U. Min. | α 1 | 8 | 213 | .. | 22.6 | +88 46 | 2.12 | 03 | .. | 11 | .. | .. | 08 | .. | .. | 01 | 02 | 07 | 19b | .. | .. | 08 | R | F 8 | $F_8$ |
| 425 | Cetus | — | 272 | .. | 1385 | 22.8 | −11 25 | 6.25 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | $K_0$ |
| 426 | Pisces | — | 213 | 231 | .. | 23.1 | + 7 27 | 6.44 | 00 | .. | .. | 06 | .. | 07 | .. | .. | .. | .. | .. | 06d | .. | .. | 04 | 04 | G 2 | $K_0$ |
| 427 | Cassiop. | 38 | 102 | 232 | .. | 23.8 | +69 45 | 5.95 | 06 | .. | 09 | 01 | .. | 01 | 02 | .. | 25 | .. | 03 | 23c | .. | .. | .. | 01 | F | $F_5$ |
| 428 | Cassiop. | — | 175 | 233 | .. | 23.9 | +65 35 | 6.16 | 28 | .. | .. | .. | .. | 04 | 23 | .. | .. | .. | 12 | 28b | .. | .. | .. | 38 | A | $A_0$ |
| 429 | Phoenix | γ | 449 | 257 | 1411 | 24.0 | −43 50 | 3.40 | .. | .. | .. | .. | 08 | 08 | 12 | 04 | .. | 18 | .. | .. | .. | 05 | .. | 08 | 20. | K 5 | $K_5$ |
| 430 | Andr. | A 49 | 370 | 234 | .. | 24.1 | +46 30 | 5.33 | 09 | .. | .. | .. | .. | 05 | 04 | .. | 13 | .. | 05 | 08c | .. | .. | 08 | 85 | K | $G_5$ |
| 431 | Sculptor | — | 576 | .. | 1414 | 24.1 | −34 17 | 6.62 | .. | .. | .. | .. | .. | .. | 18 | 17 | .. | .. | .. | .. | .. | .. | .. | 0. | A 5 | $A_3$ |
| 432 | Pisces | 97 | 210 | 235 | .. | 24.5 | +17 51 | 5.96 | 01 | .. | .. | .. | .. | 02 | .. | .. | 06 | .. | .. | 29b | .. | .. | 02 | 21 | A | $A_2$ |
| 433 | Cetus | 48 | 254 | 236 | 1421 | 24.8 | −22 8 | 5.13 | 04 | .. | .. | 01 | .. | 07 | 00 | 09 | 17 | 12 | .. | .. | .. | .. | 15 | 02 | A | $A_0$ |
| 434 | Pisces | μ 98 | 194 | 237 | .. | 24.9 | + 5 38 | 5.12 | 12 | .. | .. | 06 | .. | 08 | 11 | .. | 08 | .. | 31 | 00c | .. | .. | 08 | 79 | K | $K_2$ |
| 435 | Phoenix | — | 440 | .. | 1430 | 25.3 | −47 16 | 6.29 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | Ma | Mb |
| 436 | *Sculptor* | — | 502 | 238 | 1435 | 25.7 | −26 43 | 6.00 | 12 | .. | .. | 09 | .. | 01 | .. | 21 | .. | .. | .. | .. | .. | .. | 15 | 46 | K | $K_0$ |
| 437 | Pisces | η 99 | 231 | 239 | .. | 26.1 | +14 50 | 3.72 | 06 | .. | .. | .. | .. | 05 | .. | .. | 52 | .. | 01 | 35c | .. | .. | 02 | 130 | G 5 | $G_5$ |
| 438 | Andr. | — | 265 | .. | .. | 26.4 | +34 18 | 6.28 | .. | .. | 14 | .. | .. | .. | 14 | .. | .. | .. | .. | 32b | .. | .. | .. | 23 | B | $B_8$ |
| 439 | Cassiop. | — | 320 | .. | .. | 27.0 | +57 49 | 6.05 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 26e | .. | .. | .. | 33 | G 5 | $K_0$ |
| 440 | Phoenix | δ | 425 | 262 | 1462 | 27.0 | −49 35 | 3.96 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | 01 | .. | .. | 06 | .. | 12 | 14. | K | $K_0$ |
| 441 | Sculptor | — | 506 | 263 | 1461 | 27.1 | −30 48 | 5.77 | .. | 02 | .. | 15 | 02 | .. | 10 | 10 | .. | 25 | .. | .. | .. | .. | 15 | 10. | G 2 | $K_0$ |
| 442 | Cassiop. | χ 39 | 260 | 241 | .. | 27.4 | +58 44 | 4.88 | 05 | .. | .. | .. | .. | 11 | 05 | .. | 18 | .. | 18 | 07d | .. | .. | 23 | 70 | G 2 | $K_0$ |
| 443 | Phoenix | — | 420 | .. | 1469 | 27.4 | −46 5 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 0. | A | $A_0$ |
| 444 | Cetus | — | 298 | .. | 1482 | 28.0 | − 9 31 | 6.60 | .. | .. | 11 | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | 63 | A | $A_0$ |
| 445 | Sculptor | — | 589 | 268 | 1493 | 28.4 | −37 22 | 5.49 | .. | 02 | .. | .. | 17 | 01 | 08 | 11 | .. | .. | .. | .. | .. | .. | 19 | 9. | G | $K_0$ |
| 446 | Andr. | — | 277 | 243 | .. | 28.5 | +36 44 | 5.77 | 10 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 33 | 45a | .. | .. | 08 | 15 | A | $B_9$ |
| 447 | Phoenix | — | 411 | .. | 1499 | 28.5 | −50 14 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 12 | .. | .. | 6. | F | $F_5$ |
| 448 | Cetus | — | 256 | 244 | 1497 | 28.7 | − 7 32 | 5.88 | 08 | .. | .. | .. | .. | 08 | .. | 00 | .. | 04 | 29 | .. | .. | .. | 12 | 11 | F 8 | $G_0$ |
| 449 | Cassiop. | — | 81 | .. | .. | 29.2 | +73 47 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34b | .. | .. | .. | 43 | A | $B_8$ |
| 450 | Pisces | — | 224 | .. | .. | 29.4 | +17 57 | 6.05 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03d | .. | .. | .. | 65 | K 5 | Ma |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1



**1h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalouge Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 451 | Cetus | 49 | 265 | 245 | 1515 | 29.7 | −16 11 | 5.64 | 10 | .. | .. | .. | .. | 02 | R | 08 | 29 | .. | .. | .. | .. | .. | 04 | 18 | A 2 | $A_2$ |
| 452 | Andr. | — | 328 | .. | .. | 30.0 | +40 34 | 6.39 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | 10d | .. | .. | .. | 51 | G 5 | $K_0$ |
| 453 | Sculptor | — | 613 | .. | 1527 | 30.2 | −32 24 | 6.18 | .. | .. | .. | .. | .. | .. | 00 | 01 | .. | .. | .. | .. | .. | .. | .. | 8. | G 2 | $G_5$ |
| 454 | Perseus | — | 460 | .. | .. | 30.3 | +48 12 | 6.17 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03d | .. | .. | .. | 70 | K | $K_0$ |
| 455 | Pisces | 101 | 240 | .. | .. | 30.4 | +14 9 | 6.20 | .. | .. | .. | 04 | .. | 03 | .. | .. | 03 | .. | .. | 34b | .. | .. | .. | 27 | A | $B_9$ |
| 456 | Cassiop. | 40 | 86 | 246 | .. | 30.5 | +72 32 | 5.50 | 04 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | 02 | 03d | .. | .. | 00 | 32 | K | $K_0$ |
| 457 | Pisces | — | 176 | 247 | .. | 30.5 | +16 55 | 5.88 | 03 | .. | .. | .. | .. | 04 | .. | .. | .. | .. | 21 | 38b | .. | .. | 12 | 14 | A | $A_5$ |
| 458 | Andr. | υ 50 | 332 | 248 | .. | 30.9 | +40 54 | 4.18 | 06 | .. | .. | .. | .. | 05 | 02 | .. | 38 | .. | 08 | 10c | .. | .. | 12 | 59 | G | $G_0$ |
| 459 | Cetus | 50 | 270 | 249 | 1540 | 31.1 | −15 54 | 5.48 | 01 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | .. | 16 | 52 | K | $K_0$ |
| 460 | Hydrus | — | 123 | 280 | 1551 | 31.5 | −58 39 | 6.12 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | 34 | 4. | A 8 | $A_2$ |
| 461 | Cassiop. | — | 349 | 250 | .. | 31.6 | +57 28 | 5.74 | 05 | .. | .. | .. | .. | 01 | 04 | .. | .. | .. | 11 | 10d | .. | .. | 06 | 44 | K 5 | $K_0$ |
| 462 | Sculptor | τ | 540 | 283 | 1547 | 31.6 | −30 25 | 5.68 | .. | 02 | .. | .. | 01 | 10 | 05 | 00 | .. | 27 | .. | .. | .. | .. | 13 | 7. | A 8 | $F_0$ |
| 463 | Pisces | π102 | 205 | 252 | .. | 31.8 | +11 38 | 5.63 | 03 | .. | .. | 13 | .. | 08 | 03 | .. | 25 | .. | 03 | 17b | .. | .. | 07 | 36 | F | $F_0$ |
| 464 | Perseus | υ 51 | 467 | 251 | .. | 31.9 | +48 7 | 3.77 | 08 | .. | .. | .. | .. | 02 | 11 | .. | 37 | .. | 01 | 04d | .. | .. | 20 | 133 | K | $K_0$ |
| 465 | Andr. | — | 341 | .. | .. | 32.5 | +44 54 | 6.34 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | 16b | .. | 01 | .. | 28 | A | $A_0$ |
| 466 | Cetus | — | 343 | 253 | 1569 | 32.6 | − 9 55 | 6.40 | 22 | .. | 36 | .. | .. | 07 | .. | 06 | .. | .. | .. | .. | .. | .. | 15 | 25 | A | $F_5$ |
| 467 | Hydrus | — | 40 | 286 | 1586 | 33.0 | −79 1 | 6.06 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | .. | .. | 08 | 10. | G 2 | $G_5$ |
| 468 | Hydrus | — | 126 | 287 | 1580 | 33.1 | −58 47 | 6.10 | .. | .. | .. | .. | 09 | .. | .. | 08 | .. | .. | .. | .. | .. | .. | 05 | 11. | Ma | Ma |
| 469 | Andr. | χ 52 | 343 | 254 | .. | 33.4 | +43 52 | 5.17 | 03 | .. | .. | .. | .. | 13 | 10 | .. | 07 | .. | 01 | 07c | .. | .. | 17 | 56 | K | $K_5$ |
| 470 | Perseus | — | 363 | .. | .. | 33.8 | +53 22 | 6.64 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18e | .. | .. | .. | 44 | K | $K_2$ |
| 471 | Sculptor | — | 620 | 289 | 1590 | 34.0 | −37 2 | 5.96 | .. | 06 | .. | .. | 07 | 01 | 04 | 09 | .. | .. | .. | .. | .. | .. | 01 | 6. | G | $G_5$ |
| 472 | Eridan. | α | 334 | 290 | 1594 | 34.0 | −57 45 | 0.60 | .. | .. | .. | .. | 09 | .. | .. | 10 | .. | 00 | .. | .. | 07 | .. | 06 | 18. | B 5 | $B_5$ |
| 473 | Cetus | — | 272 | 255 | 1588 | 34.1 | −21 47 | 5.68 | 03 | .. | .. | 13 | .. | 04 | .. | 10 | .. | .. | .. | .. | .. | .. | 04 | 00 | A | $A_0$ |
| 474 | Sculptor | — | 670 | .. | 1593 | 34.2 | −25 32 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 23 | A | $A_0$ |
| 475 | Pisces | 105 | 245 | 256 | .. | 34.3 | +15 54 | 6.11 | 00 | .. | 08 | .. | .. | 07 | .. | .. | 09 | .. | 16 | 21d | .. | .. | 04 | 38 | K | $K_0$ |
| 476 | Andr. | — | 345 | 258 | .. | 34.7 | +42 47 | 5.54 | 06 | .. | .. | .. | .. | 14 | 08 | .. | .. | .. | 24 | 40b | .. | .. | 06 | 16 | A | $A_0$ |
| 477 | Andr. | τ 53 | 378 | 259 | .. | 34.7 | +40 4 | 4.90 | 04 | .. | 07 | .. | .. | 00 | 10 | .. | 14 | .. | 11 | 32a | .. | .. | 00 | 13 | B 8 | $B_8$ |
| 478 | Cassiop. | 43 | 149 | 257 | .. | 34.9 | +67 32 | 5.54 | 03 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | 21 | 22b | .. | .. | 04 | 12 | A p | $A_0 p$ |
| 479 | Eridan. | — | 358 | .. | 1606 | 35.0 | −53 56 | 7.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | R | .. | .. | 2. | A 8 | $A_0$ |
| 480 | Cassiop. | 42 | 114 | 260 | .. | 35.2 | +70 7 | 5.26 | 19 | .. | 13 | 00 | .. | 04 | .. | .. | 04 | .. | 06 | 13b | .. | .. | 01 | 19 | A | $A_0$ |
| 481 | Cassiop. | — | 308 | .. | .. | 35.3 | +60 32 | 6.63 | .. | .. | 03 | .. | .. | .. | 03 | .. | .. | .. | .. | 35b | .. | .. | .. | 51 | A | $B_8$ |
| 482 | Cassiop. | — | 370 | .. | .. | 35.6 | +58 8 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 37b | .. | .. | .. | 34 | A | $B_9$ |
| 483 | Andr. | — | 328 | 261 | .. | 35.7 | +42 7 | 5.10 | 14 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | 31 | 19c | .. | .. | 30 | 58 | F | $F_8$ |
| 484 | Pisces | — | 276 | 262 | .. | 35.7 | +25 14 | 6.26 | 13 | .. | 30 | .. | .. | 09 | 06 | .. | .. | .. | .. | 13b | .. | .. | 16 | 05 | F | $F_5$ |
| 485 | Triang. | — | 286 | 263 | .. | 36.0 | +29 32 | 6.02 | 11 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 05 | 10c | .. | .. | 08 | 28 | A | $K_0$ |
| 486 | Eridan. | p | 329 | 294 | 1633 | 36.0 | −56 42 | 6.03 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | 61 | .. | 19 | 12. | G 5 | $G_5$ |
| 487 | Eridan. | | | 295 | 1634 | 36.0 | −56 42 | 6.00 | | | | | | | | | | | | | | | | | | |
| 488 | Cassiop. | — | 312 | .. | .. | 36.1 | +60 55 | 6.46 | .. | .. | 05 | .. | .. | .. | 06 | .. | .. | .. | .. | 18b | .. | .. | .. | 63 | A | $B_8$ |
| 489 | Pisces | ν106 | 293 | 265 | .. | 36.2 | + 4 59 | 4.68 | 01 | .. | 27 | .. | .. | 21 | 06 | .. | 09 | .. | 00 | 02c | .. | .. | 02 | 118 | K | $K_0$ |
| 490 | Triang. | — | 297 | 264 | .. | 36.3 | +34 44 | 5.45 | 08 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 21 | 33a | .. | 31 | 05 | 05 | B 8 | $B_8$ |
| 491 | Cassiop. | 44 | 307 | 266 | .. | 36.6 | +60 3 | 5.75 | 22 | .. | .. | .. | .. | 11 | 11 | .. | 25 | .. | 08 | 26b | .. | .. | 00 | 21 | A | $B_9$ |
| 492 | Cetus | — | 315 | 267 | 1643 | 36.8 | −11 49 | 5.84 | 05 | .. | .. | .. | .. | 10 | .. | 04 | .. | 13 | .. | .. | .. | .. | 02 | 03 | F | $F_5$ |
| 493 | Pisces | 107 | 279 | 268 | .. | 37.1 | +19 47 | 5.32 | 03 | .. | .. | .. | .. | 05 | 02 | .. | 10 | .. | 06 | 24c | .. | .. | 18 | 72 | F | $G_5$ |
| 494 | Sculptor | — | 584 | .. | 1648 | 37.1 | −38 38 | 6.10 | .. | .. | .. | .. | .. | .. | 21 | 22 | .. | .. | .. | .. | .. | .. | .. | 1. | A 8 | $F_2$ |
| 495 | Andr. | — | 354 | .. | .. | 37.2 | +44 48 | 6.46 | .. | .. | 01 | .. | .. | .. | 01 | .. | .. | .. | .. | 04d | .. | .. | .. | .. | Ma | $K_0$ |
| 496 | Perseus | φ 54 | 444 | 269 | .. | 37.4 | +50 11 | 4.19 | 05 | .. | 08 | .. | .. | 14 | 01 | .. | 21 | .. | 10 | 08b | .. | .. | 01 | 15 | B p | $B_0 p$ |
| 497 | Sculptor | π | 666 | 296 | 1660 | 37.6 | −32 49 | 5.28 | .. | 12 | .. | .. | 12 | 09 | 03 | 05 | .. | .. | .. | .. | .. | .. | 07 | 12. | K | $K_0$ |
| 498 | Sculptor | — | 650 | 297 | 1661 | 37.6 | −37 20 | 5.64 | .. | 07 | .. | .. | 08 | 09 | 13 | 20 | .. | .. | .. | .. | .. | 00 | 01 | 5. | A | $A_0$ |
| 499 | Cassiop. | — | 330 | .. | .. | 37.7 | +57 2 | 6.14 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16b | .. | .. | .. | 25 | A | $A_2$ |
| 500 | Cetus | — | 260 | 270 | 1656 | 37.7 | − 4 11 | 5.27 | 16 | .. | 13 | .. | .. | 16 | 05 | 09 | .. | .. | 36 | .. | .. | .. | 07 | 84 | K | $G_5$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



1h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 501 | Phoenix | — | 461 | .. | 1665 | 37.7 | −50 32 | 6.72 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 82 | .. | .. | 3. | A | $A_2$ |
| 502 | Cassiop. | — | 334 | .. | .. | 38.2 | +56 36 | 6.18 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 22b | .. | 11 | .. | 39 | A | $A_0$ |
| 503 | Triang. | — | 301 | .. | .. | 38.2 | +31 43 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13c | .. | .. | .. | 34 | G | $g_5$ |
| 504 | Andr. | — | 432 | .. | .. | 38.3 | +45 39 | 6.48 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | 06d | .. | .. | .. | .. | G 5 | $K_5$ |
| 505 | Hydrus | — | 130 | 298 | 1677 | 38.4 | −61 17 | 5.58 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | 13 | 10. | K | $K_0$ |
| 506 | Eridan. | $q^1$ | 365 | 299 | 1681 | 38.7 | −54 14 | 5.56 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | 71 | .. | 02 | 9. | F 2 | $g_0$ |
| 507 | Cetus | — | 309 | .. | 1679 | 38.9 | − 5 16 | 6.41 | .. | .. | 14 | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | $K_0$ |
| 508 | Pisces | 109 | 282 | .. | .. | 39.4 | +19 35 | 6.23 | .. | .. | 29 | 25 | .. | 05 | .. | .. | 17 | .. | .. | 33c | .. | .. | .. | 12 | G | $g_5$ |
| 509 | Cetus | τ 52 | 295 | 271 | 1688 | 39.4 | −16 28 | 3.65 | 09 | .. | .. | 12 | .. | 00 | .. | 02 | 10 | 05 | 52 | .. | .. | .. | 07 | 98 | K | $K_0$ |
| 510 | Pisces | o110 | 273 | 272 | .. | 40.1 | + 8 39 | 4.50 | 08 | .. | .. | 15 | .. | 05 | 04 | .. | 17 | .. | 21 | 06b | .. | .. | 10 | 98 | G 5 | $K_0$ |
| 511 | Cassiop. | — | 238 | .. | .. | 40.4 | +63 22 | 5.74 | .. | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | 08c | .. | .. | .. | 04 | G 5 | $K_0$ |
| 512 | Octans | — | 27 | 305 | 1738 | 40.5 | −83 29 | 5.88 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | 03 | 4. | G 5 | $g_0$ |
| 513 | Cetus | — | 336 | 273 | 1709 | 40.9 | − 6 14 | 5.53 | 14 | .. | .. | .. | .. | 01 | .. | 14 | .. | .. | 37 | .. | .. | .. | 17 | 50 | K | $g_5$ |
| 514 | *Sculptor* | ε | 704 | 274 | 1713 | 41.0 | −25 33 | 5.39 | 14 | .. | .. | 13 | .. | 08 | .. | 10 | .. | 00 | .. | .. | .. | .. | 09 | 35 | A | $F_0$ |
| 515 | Aries | 3 | 196 | 275 | .. | 41.2 | +16 55 | 6.46 | 01 | .. | .. | .. | .. | 02 | .. | .. | 26 | .. | .. | 37b | .. | .. | 26 | 26 | A | $F_0$ |
| 516 | Hydrus | $\tau^1$ | 44 | 307 | 1736 | 41.3 | −79 39 | 6.24 | .. | .. | .. | .. | 18 | .. | .. | 17 | .. | .. | .. | .. | .. | .. | 04 | 8. | K | $K_0$ |
| 517 | Fornax | — | 595 | .. | 1720 | 41.4 | −27 50 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 3. | A | $A_5$ |
| 518 | Andr. | — | 447 | .. | .. | 41.6 | +45 44 | 6.32 | .. | .. | 05 | .. | .. | .. | 06 | .. | .. | .. | .. | 12c | .. | .. | .. | 24 | G | $F_5$ |
| 519 | Phoenix | — | 419 | 310 | 1733 | 42.2 | −51 19 | 5.46 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | 11 | .. | 01 | 11. | Ma | Ma |
| 520 | Eridan. | $q^2$ | 377 | 311 | 1737 | 42.3 | −54 1 | 5.14 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | .. | .. | .. | 49 | .. | 16 | 1. | A | $A_0$ |
| 521 | Andr. | — | 372 | 276 | .. | 42.7 | +37 27 | 6.05 | 05 | .. | .. | .. | .. | 07 | 02 | .. | .. | .. | .. | 13c | .. | .. | .. | 57 | A | $g_5$ |
| 522 | Aries | 4 | 203 | 277 | .. | 42.8 | +16 27 | 5.73 | 13 | .. | .. | .. | .. | 07 | 05 | .. | 03 | .. | 10 | 42b | .. | 20 | 13 | 00 | A | $A_0$ |
| 523 | Triang. | — | 316 | 278 | .. | 43.0 | +32 12 | 5.82 | 15 | .. | .. | .. | .. | 05 | 10 | .. | .. | .. | 13 | 22b | .. | .. | 13 | 13 | F | $F_5$ |
| 524 | Phoenix | — | 633 | .. | 1750 | 43.1 | −42 15 | 6.10 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | K | $K_2$ |
| 525 | Octans | — | 17 | 314 | 1800 | 43.1 | −85 16 | 5.63 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 02 | 11. | K | $K_0$ |
| 526 | Perseus | — | 508 | 279 | .. | 43.3 | +47 24 | 5.99 | 01 | .. | .. | .. | .. | 09 | 08 | .. | .. | .. | 14 | 33b | .. | .. | 19 | 12 | A | $A_2$ |
| 527 | Pisces | — | 270 | 280 | .. | 43.3 | + 3 11 | 6.00 | 10 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | 06d | .. | .. | 10 | 23 | G 5 | $g_5$ |
| 528 | Fornax | — | 687 | .. | 1756 | 43.4 | −37 39 | 6.38 | .. | .. | .. | .. | .. | .. | 05 | 06 | .. | .. | .. | .. | .. | .. | .. | 4. | G | $K_0$ |
| 529 | Perseus | — | 416 | .. | .. | 44.6 | +51 27 | 5.90 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23c | .. | .. | .. | 30 | F | $F_5$ |
| 530 | Aries | 1 | 243 | 281 | .. | 44.6 | +21 47 | 5.89 | 09 | .. | .. | .. | .. | 15 | 07 | .. | R | .. | 31 | 18b | .. | .. | 11 | 22 | F | $F_0$-7 $A_2$ Comp |
| 531 | Cetus | χ 53 | 352 | 282 | 1779 | 44.7 | −11 11 | 4.77 | 00 | .. | .. | .. | .. | 03 | 03 | 05 | 03 | 20 | 07 | .. | .. | .. | 18 | 30 | F | $F_0$ |
| 532 | Fornax | — | 753 | .. | 1782 | 44.8 | −31 34 | 6.42 | .. | .. | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | 8. | K | $K_0$ |
| 533 | Perseus | 1 | 396 | 283 | .. | 45.4 | +54 39 | 5.49 | 03 | .. | .. | .. | .. | 08 | 06 | .. | 19 | .. | 21 | 31b | .. | .. | 06 | 16 | B 3 | $B_3$ |
| 534 | Aries | 54 | 252 | 285 | .. | 45.5 | +10 33 | 5.94 | 11 | .. | .. | 16 | .. | 12 | 06 | .. | 24 | .. | 07 | 23b | .. | .. | 14 | 05 | A | $F_0$ |
| 535 | Fornax | — | 553 | .. | 1791 | 45.5 | −38 54 | 6.46 | .. | .. | .. | .. | .. | .. | 22 | 21 | .. | .. | .. | .. | .. | .. | .. | 2. | F | $F_5$ |
| 536 | Perseus | 2 | 379 | 284 | .. | 45.8 | +50 18 | 5.64 | 20 | .. | 08 | .. | .. | 03 | 08 | .. | 06 | .. | 04 | 32b | .. | .. | 06 | 07 | A | $B_9$ |
| 537 | Phoenix | — | 487 | .. | 1806 | 46.3 | −48 18 | 6.18 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28 | .. | .. | 2. | G 5 | $K_0$ |
| 538 | Perseus | — | 381 | .. | .. | 46.4 | +51 0 | 6.18 | .. | .. | 04 | .. | .. | 11 | 07 | .. | .. | .. | .. | 31b | .. | .. | .. | 03 | A | $A_0$ |
| 539 | Cetus | ζ 55 | 359 | 286 | 1805 | 46.5 | −10 50 | 3.92 | 07 | .. | .. | .. | .. | 02 | 04 | .. | 03 | 52 | 45 | .. | .. | .. | 07 | 95 | K | $K_0$ |
| 540 | Perseus | — | 408 | .. | .. | 47.1 | +55 7 | 6.49 | .. | .. | 03 | .. | .. | .. | 03 | .. | .. | .. | .. | 15b | .. | .. | .. | 51 | A 2 | $A_2$ |
| 541 | Phoenix | — | 514 | 327 | 1816 | 47.1 | −50 42 | 6.05 | .. | .. | .. | .. | 15 | .. | .. | 15 | .. | .. | .. | .. | 75 | .. | 20 | 3. | A | $A_0$ |
| 542 | Cassiop. | ε 45 | 320 | 287 | .. | 47.2 | +63 11 | 3.44 | 11 | 01 | .. | .. | .. | 04 | 05 | .. | 96 | .. | 07 | 20b | .. | 07 | 16 | 57 | B 5 | $B_3$ |
| 543 | Andr. | 55 | 394 | 288 | .. | 47.3 | +40 14 | 5.63 | 03 | .. | 14 | .. | .. | 10 | .. | .. | 23 | .. | 06 | 10d | .. | .. | .. | 72 | K | $K_0$ |
| 544 | Triang. | α 2 | 312 | 289 | .. | 47.4 | +29 6 | 3.58 | 00 | .. | .. | .. | .. | 00 | .. | .. | 20 | .. | 08 | 06c | .. | .. | 02 | 73 | F 5 | $F_5$ |
| 545 | Aries | γ 5 | 243 | 291 | .. | 48.0 | +18 48 | 4.83 | 23 | .. | .. | 02 | .. | 17 | 04 | .. | 14 | .. | 07 | 11b | .. | .. | 11 | 09 | A p | $A_0$ p |
| 546 | Aries | | | 292 | | 48.0 | +18 49 | 4.75 | | | | | | | | | | | | | | | | | | |
| 547 | Cetus | — | 336 | 293 | 1833 | 48.1 | −17 26 | 5.72 | 00 | .. | .. | .. | .. | 02 | 01 | .. | .. | 10 | .. | .. | .. | 02 | 17 | 10 | A | $A_3$ |
| 548 | Cassiop. | ω 46 | 169 | 290 | .. | 48.2 | +68 12 | 5.03 | 05 | .. | .. | .. | .. | 20 | 14 | .. | 07 | .. | 10 | 24b | .. | .. | 02 | 17 | B 8 | $B_8$ |
| 549 | Pisces | ξ111 | 290 | 294 | .. | 48.4 | + 2 42 | 4.84 | 10 | .. | .. | 15 | .. | 06 | .. | .. | 14 | .. | 14 | 07c | .. | .. | 14 | 61 | K | $K_0$ |
| 550 | Hydrus | $\tau^2$ | 35 | 333 | 1869 | 48.7 | −80 41 | 6.06 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | R | .. | .. | .. | .. | 16 | 2. | F 2 | $F_0$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**1h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 551 | Andr. | — | 434 | .. | .. | 48.9 | +40 12 | 6.50 | .. | .. | 22 | .. | .. | .. | 22 | .. | .. | .. | .. | 17c | .. | .. | .. | 30 | G 5 | $K_2$ |
| 552 | Andr. | — | 346 | .. | .. | 49.0 | +36 37 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03c | .. | .. | .. | .. | K | $K_0$ |
| 553 | Aries | β 6 | 306 | 295 | .. | 49.1 | +20 19 | 2.72 | 07 | .. | 27 | 15 | .. | 07 | .. | .. | 28 | 40 | 03 | 30b | .. | .. | 23 | 95 | A 5 | $A_5$ |
| 554 | Fornax | | 573 | .. | 1854 | 49.1 | −39 6 | 6.10 | .. | .. | .. | .. | .. | .. | 04 | 03 | .. | .. | .. | .. | .. | .. | .. | 8. | K | $K_0$ |
| 555 | Phoenix | ψ | 552 | 334 | 1864 | 49.6 | −46 48 | 4.41 | .. | .. | .. | .. | 30 | .. | 28 | 02 | .. | 44 | .. | .. | 29 | .. | 33 | 19. | Mb | Mb |
| 556 | Andr. | — | 354 | 296 | .. | 50.0 | +36 47 | 6.06 | 29 | .. | .. | .. | .. | 07 | 21 | .. | .. | .. | 27 | 13d | .. | .. | 12 | 46 | K 5 | $K_2$ |
| 557 | Andr. | 56 | 355 | 297 | .. | 50.2 | +36 46 | 5.82 | 08 | .. | .. | .. | .. | 02 | 09 | .. | 32 | .. | 02 | 01c | .. | .. | | 65 | K | $K_0$ |
| 558 | Phoenix | φ | 583 | 337 | 1871 | 50.2 | −43 0 | 5.00 | .. | .. | .. | .. | 05 | 14 | 14 | 35 | .. | 35 | .. | .. | 35 | .. | 20 | 2. | B 9 | B9 |
| 559 | Aries | 7 | 284 | 298 | .. | 50.3 | +23 5 | 5.95 | 05 | .. | .. | 03 | .. | 01 | 02 | .. | 15 | .. | .. | 03d | .. | .. | 05 | 08 | K | $K_0$ |
| 560 | Pisces | — | 347 | .. | .. | 50.7 | + 1 21 | 6.18 | .. | .. | 01 | .. | .. | 00 | .. | .. | .. | .. | .. | 10b | .. | .. | .. | 23 | F | $F_0$ |
| 561 | Cassiop. | — | 398 | .. | .. | 51.4 | +61 12 | 6.05 | .. | .. | 01 | .. | .. | 08 | 07 | .. | .. | .. | .. | 25b | .. | .. | .. | 50 | A | B8 |
| 562 | Andr. | — | 407 | .. | .. | 51.9 | +41 12 | 6.58 | .. | .. | 16 | .. | .. | .. | 16 | .. | .. | .. | .. | 32b | .. | .. | .. | 18 | A | B9 |
| 563 | Aries | ι 8 | 289 | 299 | .. | 51.9 | +17 20 | 5.16 | 08 | .. | .. | .. | .. | 09 | .. | .. | 26 | .. | 05 | 14c | .. | .. | 34 | 47 | K p | $G_5$ |
| 564 | Triang. | | 310 | .. | .. | 52.0 | +27 18 | 6.02 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 04d | .. | .. | .. | 44 | Ma | Mb |
| 565 | Cetus | 56 | 721 | 302 | 1895 | 52.0 | −23 1 | 5.18 | 03 | .. | .. | 11 | .. | 06 | 14 | .. | 02 | 16 | .. | .. | .. | .. | 07 | 61 | K 5 | $K_5$ |
| 566 | Eridan. | χ | 241 | 343 | 1905 | 52.0 | −52 7 | 3.73 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | 06 | .. | .. | 02 | .. | 01 | 21. | G 5 | $G_5$ |
| 567 | Cassiop. | — | 265 | 300 | .. | 52.2 | +64 8 | 5.18 | 04 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 23 | 41b | .. | .. | 02 | 02 | A | $A_0$ |
| 568 | Perseus | 3 | 576 | 301 | .. | 52.2 | +48 43 | 5.78 | 08 | .. | .. | .. | .. | 01 | 10 | .. | 13 | .. | 04 | 01d | .. | .. | 33 | 69 | K | $G_5$ |
| 569 | Aries | λ 9 | 288 | 303 | .. | 52.4 | +23 7 | 4.83 | 06 | .. | .. | .. | .. | 09 | 02 | .. | 14 | .. | 14 | 19b | .. | .. | 07 | 20 | A 5 | $A_5$ |
| 570 | Hydrus | $\eta^2$ | 101 | 345 | 1924 | 52.4 | −68 9 | 4.72 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | 25 | .. | .. | 12 | .. | 00 | 15. | K | $K_0$ |
| 571 | Hydrus | — | 157 | .. | 1925 | 52.6 | −61 22 | 6.22 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | A 5 | $A_0$ |
| 572 | Cepheus | — | 73 | .. | .. | 52.8 | +77 26 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 29c | .. | .. | .. | 03 | K | $K_0$ |
| 573 | Eridan. | — | 242 | 350 | 1932 | 53.1 | −52 16 | 6.07 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | 67 | .. | 22 | 5. | F 8 | $F_8$ |
| 574 | Phoenix | — | 597 | 351 | 1931 | 53.2 | −47 53 | 4.74 | .. | .. | .. | .. | 09 | .. | .. | 10 | .. | 15 | .. | .. | 06 | .. | 06 | 13. | G 5 | $G_5$ |
| 575 | Cassiop. | A 48 | 153 | 304 | .. | 53.8 | +70 25 | 4.61 | 01 | 01 | .. | .. | .. | 01 | 00 | .. | 09 | .. | 16 | 11b | .. | 03 | 17 | 18 | A 2 | $A_3$ |
| 576 | Fornax | — | 682 | .. | 1944 | 54.0 | −33 34 | 6.34 | .. | .. | .. | .. | .. | .. | 00 | 01 | .. | .. | .. | .. | .. | .. | .. | 7. | K | $G_5$ |
| 577 | Aries | — | 322 | .. | .. | 54.1 | +20 34 | 6.06 | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | .. | 05c | .. | .. | .. | 09 | K p | $K_0$ |
| 578 | Aries | — | 261 | 305 | .. | 54.1 | +11 49 | 6.14 | 09 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 09 | 28b | .. | .. | 04 | 13 | A | $A_2$ |
| 579 | Cassiop. | — | 108 | .. | .. | 54.4 | +73 21 | 6.24 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 20b | .. | .. | .. | 40 | A | $A_3$ |
| 580 | Cassiop. | 50 | 117 | 306 | .. | 54.9 | +71 56 | 4.06 | 00 | .. | .. | .. | .. | 01 | .. | .. | 54 | .. | 34 | 06b | .. | .. | 19 | 32 | A | $A_2$ |
| 581 | Cassiop. | 47 | 63 | 308 | .. | 55.0 | +76 48 | 5.36 | 04 | .. | .. | 07 | .. | 02 | .. | .. | 04 | .. | 01 | 06b | .. | .. | 01 | 20 | A | $A_0$ |
| 582 | Pisces | 112 | 311 | 309 | .. | 55.0 | + 2 38 | 5.84 | 00 | .. | .. | .. | .. | 00 | .. | .. | 34 | .. | .. | 26b | .. | .. | 04 | 41 | G | $G_0$ |
| 583 | Cetus | 57 | 356 | 313 | 1962 | 55.1 | −21 19 | 5.67 | 08 | .. | .. | 11 | .. | 06 | 03 | 21 | 57 | 16 | .. | .. | .. | .. | .. | 60 | Ma | Ma |
| 584 | Hydrus | — | 123 | .. | 1972 | 55.2 | −65 55 | 6.43 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | F 8 | $G_5$ |
| 585 | Cetus | υ 59 | 358 | 315 | 1965 | 55.3 | −21 34 | 4.18 | 35 | .. | .. | 30 | .. | 07 | 09 | 10 | 32 | 04 | 61 | .. | .. | .. | 18 | 129 | Ma | Ma |
| 586 | Cassiop. | 52 | 282 | 311 | .. | 55.4 | +64 25 | 5.92 | 18 | .. | .. | 20 | .. | 02 | .. | .. | 19 | .. | 06 | 32b | .. | .. | 32 | 38 | A 2 | $A_2$ |
| 587 | Cetus | — | 380 | 316 | 1967 | 55.5 | − 9 1 | 5.72 | 07 | .. | 05 | .. | .. | 06 | 02 | 07 | .. | .. | 23 | .. | .. | .. | 18 | 64 | Mb | Mb |
| 588 | Phoenix | — | 684 | 355 | 1973 | 55.5 | −42 31 | 5.42 | .. | .. | .. | .. | 07 | 07 | 01 | 11 | .. | .. | .. | .. | .. | .. | 01 | 12. | K | $K_0$ |
| 589 | Cassiop. | 53 | 274 | 312 | .. | 55.6 | +63 54 | 5.62 | 10 | .. | .. | .. | .. | 11 | .. | .. | 17 | .. | 14 | 20c | .. | 02 | 12 | 09 | B 5 | $B_5$ |
| 590 | Perseus | g 4 | 439 | 314 | .. | 55.6 | +54 1 | 4.99 | 06 | .. | .. | .. | .. | 06 | 01 | .. | 02 | .. | 16 | 23b | .. | .. | 24 | 03 | B 8 | $B_8$ |
| 591 | Hydrus | α | 162 | 356 | 1981 | 55.6 | −62 3 | 3.02 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | 05 | .. | .. | 22 | .. | 11 | 5. | F | $F_0$ |
| 592 | Cassiop. | 49 | 86 | 310 | .. | 55.9 | +75 38 | 5.30 | 01 | .. | 02 | 11 | .. | 10 | .. | .. | 00 | .. | 21 | 00c | .. | .. | 00 | 54 | K | $G_5$ |
| 593 | Hydrus | σ | 42 | .. | 2004 | 56.0 | −78 51 | 6.22 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | F 5 | $F_2$ |
| 594 | *Fornax* | π | 703 | 367 | 1998 | 56.8 | −30 28 | 5.39 | 15 | 14 | .. | .. | 20 | 05 | 10 | 06 | .. | 23 | .. | .. | .. | .. | 15 | 12. | G 5 | $G_5$ |
| 595 | Pisces | α113 | 317 | 320 | .. | 56.9 | + 2 17 | 5.23 | 05 | .. | .. | 08 | .. | 14 | .. | .. | 74 | 17 | 53 | 18b | .. | .. | 06 | 15 | A 2 p | $A_2 p$ |
| 596 | Pisces | | | 321 | .. | 56.9 | + 2 17 | 4.33 | | | | | | | | | | | 62 | | | | | | | |
| 597 | Cepheus | — | 64 | 318 | .. | 57.1 | +80 49 | 5.99 | 02 | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | 01 | 29c | .. | .. | 05 | 27 | A | $A_0$ |
| 598 | Cassiop. | — | 285 | .. | .. | 57.1 | +64 37 | 6.48 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | 32a | .. | .. | .. | 65 | A | $A_0$ |
| 599 | Triang. | ε 3 | 369 | 323 | .. | 57.1 | +32 49 | 5.44 | 04 | .. | .. | .. | .. | 04 | .. | .. | 16 | .. | 19 | 36a | .. | .. | 09 | 03 | A 2 | $A_2$ |
| 600 | Hydrus | — | 125 | .. | 2009 | 57.1 | −66 33 | 6.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K | $K_2$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 601 | Aries | — | *271* | .. | .. | 57.2 | +13 0 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *10*d | .. | .. | .. | .. | Mb | Mb |
| 602 | Phoenix | χ | 659 | *369* | 2016 | 57.7 | −45 12 | 4.96 | .. | .. | .. | .. | *05* | 01 | .. | 05 | .. | .. | .. | .. | 14 | .. | 06 | 14. | K | K0 |
| 603 | Andr. | γ 57 | 395 | 324 | .. | 57.8 | +41 51 | 2.28 | *06* | .. | .. | .. | .. | 06 | .. | .. | *10* | .. | *14* | 15e | .. | .. | *15* | 185 | K p | K0 |
| 604 | Andr. | | | 325 | | 57.8 | +41 51 | 5.08 | | | | | | | | | | | *22* | | | | | | | A0 |
| 605 | Aries | 10 | 341 | 326 | .. | 58.0 | +25 28 | 5.68 | 11 | .. | .. | .. | .. | *11* | .. | .. | *08* | .. | 14 | 24b | .. | .. | 12 | 19 | F | F5 |
| 606 | Fornax | — | 714 | *370* | 2024 | 58.0 | −30 9 | 6.44 | .. | .. | .. | .. | *01* | .. | *10* | 10 | .. | .. | .. | .. | .. | .. | .. | 3. | A 3 | A3 |
| 607 | Cetus | 60 | 307 | 327 | 2019 | 58.1 | − 0 21 | 5.56 | *15* | .. | .. | .. | .. | *07* | .. | 22 | *16* | .. | 12 | .. | .. | *08* | 04 | *15* | A 5 | A5 |
| 608 | Cetus | — | *356* | 328 | 2026 | 58.2 | −15 48 | 5.91 | *18* | .. | .. | 19 | .. | *02* | .. | .. | .. | .. | .. | .. | .. | .. | *13* | 22 | K | G5 |
| 609 | Aries | — | 307 | .. | .. | 58.3 | +17 46 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *09*d | .. | .. | .. | .. | K | K5 |
| 610 | Cetus | 61 | *285* | 329 | 2037 | 58.7 | − 0 49 | 6.01 | 01 | .. | .. | 14 | .. | *14* | .. | .. | *01* | .. | .. | .. | .. | .. | 01 | 15 | G 5 | G5 |
| 611 | Cetus | — | 324 | 330 | 2036 | 58.7 | − 4 35 | 5.92 | *04* | .. | 06 | .. | .. | 02 | *05* | .. | .. | .. | .. | .. | .. | .. | *14* | 32 | K | K0 |
| 612 | *Fornax* | ν | 706 | 331 | 2065 | 0.0 | −29 47 | 4.74 | *11* | .. | .. | 06 | 05 | *16* | .. | 18 | .. | *09* | .. | .. | .. | .. | *29* | 57 | A p | A0p |
| 613 | Aries | κ 12 | *279* | 332 | .. | 1.0 | +22 11 | 5.08 | 07 | .. | .. | .. | .. | *11* | 05 | .. | 02 | .. | 23 | 24a | .. | .. | 47 | 15 | A | A0 |
| 614 | Aries | — | 324 | .. | .. | 1.0 | + 7 46 | 6.66 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *33*d | .. | .. | .. | .. | Mb | Mb |
| 615 | Aries | 11 | 349 | .. | .. | 1.1 | +25 13 | 6.00 | .. | .. | *02* | *01* | .. | 02 | .. | .. | 00 | .. | .. | 32a | .. | .. | .. | *26* | B 8 | B8 |
| 616 | Cetus | — | 318 | .. | 2090 | 1.4 | − 0 27 | 6.33 | .. | .. | .. | .. | .. | *01* | 01 | .. | .. | .. | .. | .. | .. | .. | .. | *07* | K | K0 |
| 617 | Aries | α 13 | 306 | 333 | .. | 1.5 | +22 59 | 2.23 | *19* | .. | .. | 22 | .. | *04* | .. | .. | *03* | *21* | *10* | *04*c | .. | .. | *14* | 190 | K 2 | K2 |
| 618 | Cassiop. | — | 494 | .. | .. | 1.7 | +57 57 | 5.90 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *04*c | .. | .. | .. | *12* | F | A2 |
| 619 | Andr. | — | 431 | .. | .. | 2.3 | +43 58 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 07c | .. | .. | .. | 03 | G 5 | G5 |
| 620 | Andr. | 58 | 486 | 334 | .. | 2.5 | +37 23 | 4.77 | 00 | .. | .. | .. | .. | 00 | .. | .. | *07* | .. | 31 | 18a | .. | .. | 13 | 22 | A 4 | A2 |
| 621 | Perseus | — | 460 | 335 | .. | 3.4 | +53 22 | 6.40 | 04 | .. | .. | .. | .. | *07* | 02 | .. | .. | .. | .. | 09c | .. | .. | 00 | 23 | G 5 | G5 |
| 622 | Triang. | β 4 | 381 | 336 | .. | 3.6 | +34 31 | 3.08 | 04 | .. | .. | 06 | .. | *12* | .. | .. | 10 | .. | 04 | 22b | .. | .. | 22 | 88 | A 5 | A5 |
| 623 | Aries | 14 | 355 | 337 | .. | 3.7 | +25 28 | 5.07 | *01* | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | *10* | 17b | .. | .. | 08 | 29 | F | F0 |
| 624 | Aries | — | 247 | .. | .. | 3.9 | +16 46 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 14b | .. | .. | .. | *08* | F 5 | F5 |
| 625 | Cetus | — | 374 | 339 | 2144 | 4.0 | −18 15 | 6.26 | *07* | .. | .. | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | Ma | Ma |
| 626 | Cassiop. | — | 121 | .. | .. | 4.1 | +73 34 | 6.19 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 21c | .. | .. | .. | 03 | K | G5 |
| 627 | Perseus | 5 | *438* | .. | .. | 4.6 | +57 11 | 6.36 | .. | .. | .. | A | .. | .. | .. | .. | *26* | .. | .. | 20b | .. | .. | .. | *29* | G | B3 |
| 628 | Andr. | 59 | 425 | 340 | .. | 4.8 | +38 34 | 6.05 | 02 | .. | .. | .. | .. | *01* | .. | .. | *08* | .. | 28 | 47a | .. | .. | *08* | *09* | A | A2 |
| 629 | Andr. | | | | .. | 4.8 | +38 34 | 6.71 | | | | | | | | | | | *59* | 40a | | | | | | |
| 630 | Fornax | — | 921 | 342 | 2164 | 4.9 | −24 49 | 6.51 | 13 | .. | .. | 06 | *06* | *12* | .. | .. | .. | .. | .. | .. | .. | .. | *01* | *50* | F | F0 |
| 631 | Aries | 15 | *277* | 341 | .. | 5.1 | +19 2 | 5.92 | *04* | .. | .. | 06 | .. | *05* | 02 | .. | *22* | .. | *28* | 02d | .. | .. | *02* | 24 | K 5 | Ma |
| 632 | Phoenix | — | *632* | *406* | 2174 | 5.2 | −43 59 | 5.78 | .. | .. | .. | .. | 00 | *02* | 03 | 00 | .. | .. | .. | .. | *03* | .. | *02* | 5. | K | K0 |
| 633 | Aries | 16 | 362 | .. | .. | 5.5 | +25 27 | 6.18 | .. | .. | 01 | .. | .. | *01* | 00 | .. | *08* | .. | .. | *01*c | .. | .. | .. | 26 | K | K2 |
| 634 | Triang. | 5 | *347* | .. | .. | 5.6 | +31 3 | 6.20 | .. | .. | 21 | *04* | .. | *17* | .. | .. | *40* | .. | .. | 28b | .. | .. | .. | *09* | A | A0 |
| 635 | Cetus | 64 | *347* | 343 | .. | 6.1 | + 8 6 | 5.74 | *02* | .. | .. | .. | .. | *05* | 06 | .. | *16* | .. | 14 | 20b | .. | .. | *04* | 06 | G | G0 |
| 636 | Phoenix | — | 638 | .. | 2193 | 6.1 | −44 17 | 6.49 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *44* | .. | .. | 2. | K | K0 |
| 637 | Eridan. | — | 532 | .. | 2201 | 6.3 | −51 19 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | G | G5 |
| 638 | Cetus | — | 447 | 346 | 2197 | 6.4 | −10 31 | 6.09 | *09* | .. | 16 | .. | .. | *14* | 07 | .. | .. | .. | .. | .. | .. | .. | *04* | *55* | F | F2 |
| 639 | Cetus | 63 | 375 | 347 | 2198 | 6.5 | − 2 18 | 6.04 | 04 | .. | .. | .. | .. | *05* | *04* | 05 | *01* | .. | 18 | .. | .. | .. | *02* | 01 | G | K0 |
| 640 | Cassiop. | 55 | *239* | 344 | .. | 6.6 | +66 3 | 6.15 | *07* | .. | .. | .. | .. | 03 | 05 | .. | *05* | .. | *11* | 09c | .. | .. | .. | *09* | F | F5 Comp |
| 641 | Cassiop. | — | *519* | .. | .. | 6.6 | +58 6 | 6.50 | .. | .. | .. | .. | .. | 03 | *04* | .. | .. | .. | .. | 08c | .. | .. | .. | *26* | F 5 | A2 A0 |
| 642 | Triang. | 6 | 371 | 345 | .. | 6.6 | +29 50 | 5.20 | 09 | .. | .. | .. | .. | *10* | .. | .. | 05 | .. | 30 | *10*c | .. | .. | 10 | 37 | F | G0 |
| 643 | Andr. | b 60 | 447 | 349 | .. | 6.9 | +43 45 | 5.08 | 02 | .. | .. | .. | .. | 05 | *08* | .. | 07 | .. | 00 | *13*e | .. | .. | 02 | 103 | K p | K0 |
| 644 | Aries | — | 297 | .. | .. | 6.9 | +23 43 | 6.19 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *27*c | .. | .. | .. | 14 | K | K0 |
| 645 | Perseus | 6 | 481 | 348 | .. | 7.0 | +50 36 | 5.40 | *02* | .. | *03* | 02 | .. | 03 | 02 | .. | *05* | .. | 11 | 04c | .. | .. | 00 | 56 | G 5 | K0 |
| 646 | Aries | η 17 | 348 | 350 | .. | 7.2 | +20 44 | 5.35 | 07 | .. | .. | .. | .. | 02 | *09* | .. | 05 | .. | 15 | 09b | .. | .. | 05 | 17 | F 5 | F5 |
| 647 | Andr. | — | *536* | .. | .. | 7.6 | +47 2 | 6.03 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09c | .. | .. | .. | 38 | F | F0 |
| 648 | Aries | 19 | 357 | 351 | .. | 7.6 | +14 48 | 5.99 | 18 | .. | .. | .. | .. | *18* | .. | .. | *01* | .. | *01* | *23*d | .. | .. | *04* | 35 | G 5 | K5 |
| 649 | Cetus | ξ¹ 65 | 345 | 352 | .. | 7.7 | + 8 23 | 4.54 | *09* | .. | .. | R | .. | 09 | .. | .. | 20 | .. | *03* | 16b | .. | .. | *14* | 55 | G 5 | G5 |
| 650 | Cetus | 66 | *336* | 353 | 2218 | 7.7 | − 2 52 | 5.72 | *08* | .. | .. | .. | .. | *09* | .. | 18 | 15 | .. | .. | .. | .. | .. | *14* | 03 | F | G0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**2h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 651 | Cetus | — | 396 | 354 | 2234 | 8.4 | −21 28 | 6.02 | 10 | .. | .. | 25 | .. | 01 | 04 | 10 | .. | .. | .. | .. | .. | .. | 22 | 00 | K | $G_0$ |
| 652 | *Fornax* | μ | 882 | 421 | 2237 | 8.5 | −31 12 | 5.24 | 06 | 07 | .. | .. | 02 | 05 | 07 | 15 | .. | 14 | .. | .. | .. | .. | 10 | 3. | A | $A_0$ |
| 653 | Andr. | — | 590 | .. | .. | 9.5 | +47 21 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04d | .. | .. | .. | 32 | K | $K_0$ |
| 654 | Perseus | — | 471 | .. | .. | 9.9 | +56 36 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 36b | .. | .. | .. | 20 | G | $B_1$ |
| 655 | Triang. | 7 | 409 | 356 | .. | 10.0 | +32 54 | 5.26 | 06 | .. | .. | .. | .. | 06 | 01 | .. | 02 | .. | 02 | 44b | .. | .. | 06 | 03 | A | $A_0$ |
| 656 | Aries | 20 | 373 | 357 | .. | 10.0 | +25 17 | 5.84 | 05 | .. | 07 | .. | .. | 01 | .. | .. | 06 | .. | 05 | 12b | .. | .. | 09 | 05 | F | $F_2$ |
| 657 | Aries | 21 | 329 | 358 | .. | 10.0 | +24 35 | 5.64 | 05 | .. | .. | 05 | .. | 04 | 04 | .. | 01 | .. | 05 | 03b | .. | .. | 04 | 17 | F | $F_5$ |
| 658 | Cetus | — | 460 | .. | 2270 | 10.5 | − 9 56 | 6.66 | .. | .. | 15 | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | 84 | A | $A_0$ |
| 659 | Phoenix | — | 621 | 429 | 2274 | 10.5 | −41 38 | 5.86 | .. | .. | .. | .. | 01 | 10 | 01 | 14 | .. | .. | .. | .. | .. | .. | 11 | 8. | K | $K_0$ |
| 660 | Triang. | δ 8 | 395 | 360 | .. | 10.8 | +33 46 | 5.07 | 03 | .. | .. | .. | .. | 03 | .. | .. | 12 | .. | 10 | 03d | .. | .. | 02 | 56 | G | $G_0$ |
| 661 | Perseus | 8 | 535 | 359 | .. | 10.9 | +57 26 | 6.09 | 13 | .. | .. | .. | .. | 13 | 01 | .. | 08 | .. | .. | 21d | .. | .. | 09 | 17 | K | $K_0$ |
| 662 | Perseus | 7 | 486 | .. | .. | 11.0 | +57 4 | 6.15 | .. | .. | .. | .. | .. | .. | A | .. | 45 | .. | .. | 05d | .. | .. | .. | 27 | G 5 | $K_0$ |
| 663 | Andr. | W | .. | .. | .. | 11.2 | +43 50 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md | Md |
| 664 | Triang. | γ 9 | 397 | 361 | .. | 11.4 | +33 23 | 4.07 | 08 | .. | .. | 12 | .. | 03 | .. | .. | 13 | .. | 28 | 21b | .. | .. | 07 | 30 | A | $A_0$ |
| 665 | Aries | — | 307 | .. | .. | 11.5 | +23 19 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18c | .. | .. | .. | .. | F | $G_5$ |
| 666 | Cetus | 67 | 393 | 363 | 2310 | 12.0 | − 6 53 | 5.70 | 16 | .. | .. | 14 | .. | 04 | 04 | 01 | 00 | 26 | 14 | .. | .. | .. | 18 | 16 | A | $G_5$ |
| 667 | Hydrus | $\pi^1$ | 126 | 435 | 2331 | 12.1 | −68 19 | 5.44 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | 21 | 14. | Ma | Ma |
| 668 | Cassiop. | — | 320 | .. | .. | 12.5 | +63 52 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 26c | .. | .. | .. | 56 | A | $A_0$ |
| 669 | Aries | θ 22 | 340 | 365 | .. | 12.6 | +19 26 | 5.69 | 14 | .. | 46 | .. | .. | 18 | 13 | .. | 12 | .. | 19 | 13b | .. | .. | 09 | 30 | A | $A_0$ |
| 670 | Andr. | c 62 | 552 | 364 | .. | 12.8 | +46 55 | 5.12 | 12 | .. | .. | .. | .. | 12 | .. | .. | 18 | .. | 28 | 44b | .. | .. | 07 | 23 | A | $A_0$ |
| 671 | Andr. | — | 589 | .. | .. | 12.8 | +46 1 | 6.12 | .. | .. | 05 | .. | .. | 04 | .. | .. | .. | .. | .. | 34b | .. | 09 | .. | 04 | A 3 | $A_3$ |
| 672 | Cetus | — | 410 | 366 | .. | 12.8 | + 1 17 | 5.82 | 07 | .. | 12 | .. | .. | 11 | 06 | .. | .. | .. | 20 | 10b | .. | .. | 08 | 12 | F 5 | $F_8$ |
| 673 | Perseus | — | 648 | .. | .. | 12.9 | +48 29 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28b | .. | .. | .. | 03 | F | $F_0$ |
| 674 | Eridan. | φ | 285 | 438 | 2339 | 12.9 | −51 59 | 3.78 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | 19 | .. | .. | 12 | .. | 20 | 3. | B 8 | $B_8$ |
| 675 | Triang. | 10 | 360 | 367 | .. | 13.2 | +28 11 | 5.28 | 01 | .. | .. | .. | .. | 01 | 00 | .. | 07 | .. | 27 | 27b | .. | .. | 08 | 14 | A 2 | $A_2$ |
| 676 | Aries | — | 329 | 368 | .. | 13.3 | +22 43 | 6.42 | 13 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | 26b | .. | .. | 17 | 29 | A | $A_5$ |
| 677 | Andr. | — | 521 | .. | .. | 13.4 | +39 23 | 6.51 | .. | .. | 04 | .. | .. | .. | 04 | .. | .. | .. | .. | 28a | .. | .. | .. | 72 | A | $B_8$ |
| 678 | Hydrus | $\pi^2$ | 128 | 439 | 2352 | 13.4 | −68 13 | 5.52 | .. | .. | .. | .. | 11 | .. | .. | 12 | .. | .. | .. | .. | .. | .. | 07 | 15. | K | $K_5$ |
| 679 | Andr. | — | 557 | .. | .. | 14.2 | +46 51 | 6.08 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 36a | .. | .. | .. | 25 | B 5 | $B_5$ |
| 680 | Tr'ang. | — | 392 | .. | .. | 14.2 | +29 45 | 6.60 | .. | .. | 11 | .. | .. | .. | 10 | .. | .. | .. | .. | 02d | .. | .. | .. | 02 | K | $K_0$ |
| 681 | Cetus | o 68 | 353 | 370 | 2354 | 14.3 | − 3 26 | var. | v | .. | .. | .. | .. | .. | .. | .. | v | v | .. | .. | .. | .. | .. | v | Md | Md |
| 682 | Andr. | 63 | 640 | 369 | .. | 14.4 | +49 42 | 5.56 | 04 | .. | 01 | .. | .. | 16 | 10 | .. | 11 | .. | 08 | 26a | .. | .. | 01 | 03 | A | $A_0p$ |
| 683 | *Fornax* | — | 828 | 371 | 2362 | 14.5 | −26 25 | 6.38 | 18 | .. | .. | 07 | .. | 11 | 01 | .. | .. | .. | .. | .. | .. | .. | 12 | 01 | G | $G_0$ |
| 684 | Cetus | — | 438 | .. | 2363 | 14.6 | − 4 48 | 6.55 | .. | .. | 00 | 07 | .. | 01 | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 80 | A | $A_2$ |
| 685 | Perseus | i 9 | 598 | 373 | .. | 15.3 | +55 23 | 5.22 | 01 | .. | .. | 13 | .. | 01 | 09 | .. | 08 | .. | 24 | 18c | .. | .. | 08 | 24 | A 2 | $A_2$ |
| 686 | Phoenix | — | 785 | .. | 2383 | 15.4 | −42 18 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | K | $G_5$ |
| 687 | Andr. | — | 500 | 374 | .. | 16.6 | +40 57 | 5.87 | 10 | .. | 00 | .. | .. | 07 | 04 | .. | .. | .. | 20 | 20c | .. | .. | 13 | 28 | A | $F_0$ |
| 688 | Horol. | — | 413 | 445 | 2412 | 16.7 | −56 24 | 5.56 | .. | .. | .. | .. | 17 | .. | .. | 16 | .. | .. | .. | .. | .. | .. | 09 | 16. | K | $K_5$ |
| 689 | Cetus | 69 | 355 | 375 | 2405 | 16.8 | − 0 4 | 5.56 | 22 | .. | .. | .. | .. | 03 | .. | 20 | 06 | .. | 35 | .. | .. | .. | 14 | 40 | Ma | Ma |
| 690 | Perseus | — | 535 | .. | .. | 16.9 | +54 55 | 6.46 | .. | .. | 05 | 04 | .. | .. | 08 | .. | .. | .. | .. | 02c | .. | .. | .. | 08 | F 5 | $G_0p$ |
| 691 | Cetus | 70 | 322 | 376 | 2411 | 17.1 | − 1 20 | 5.62 | 00 | .. | .. | .. | .. | 02 | .. | 02 | 07 | .. | 24 | .. | .. | .. | 00 | 15 | A 5 | $A_5$ |
| 692 | Cetus | — | 448 | 377 | 2415 | 17.1 | −11 14 | 5.57 | 10 | .. | .. | .. | .. | 12 | 04 | 05 | .. | 28 | .. | .. | .. | .. | 15 | 13 | F | $F_0$ |
| 693 | Cetus | — | 409 | .. | 2420 | 17.4 | −18 7 | 5.99 | .. | .. | .. | 02 | .. | 17 | .. | 19 | .. | .. | .. | .. | .. | .. | .. | 02 | K | $K_0$ |
| 694 | Andr. | 64 | 649 | 378 | .. | 17.8 | +49 33 | 5.49 | 05 | .. | .. | .. | .. | 04 | 01 | .. | 01 | .. | 05 | 05d | .. | .. | 01 | 56 | G 5 | $G_5$ |
| 695 | *Fornax* | κ | 1038 | 380 | 2433 | 18.0 | −24 16 | 5.37 | 01 | .. | .. | 20 | .. | 16 | .. | 03 | .. | .. | .. | .. | .. | .. | 13 | 15 | F | $F_5$ |
| 696 | Perseus | 10 | 612 | 379 | .. | 18.2 | +56 10 | 6.24 | 01 | .. | 02 | .. | .. | 03 | 03 | .. | R | .. | .. | 24b | .. | .. | 14 | 03 | A | $B_2$ |
| 697 | Cetus | — | 444 | .. | 2440 | 18.3 | −18 48 | 6.32 | .. | .. | .. | .. | .. | 15 | .. | 14 | .. | .. | .. | .. | .. | .. | .. | 36 | K | $K_5$ |
| 698 | Phoenix | — | 724 | .. | 2446 | 18.3 | −43 39 | 6.30 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 55 | .. | .. | 7. | G 5 | $G_5$ |
| 699 | Andr. | 65 | 656 | 381 | .. | 18.9 | +49 50 | 4.86 | 01 | .. | .. | .. | .. | 06 | 05 | .. | 11 | .. | 22 | 03e | .. | .. | 09 | 130 | K | $K_5$ |
| 700 | Fornax | — | 797 | .. | 2463 | 19.0 | −38 2 | 6.56 | .. | .. | .. | .. | .. | .. | 08 | 09 | .. | .. | .. | .. | .. | .. | .. | 10. | K 5 | $K_2$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



2h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 701 | Eridan. | — | 571 | 457 | 2475 | 19.4 | −51 33 | 6.01 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | 61 | .. | 04 | 10. | A 2 |
| 702 | Aries | ξ 24 | 316 | 382 | .. | 19.5 | +10 9 | 5.53 | 11 | .. | 04 | 19 | .. | 09 | 01 | .. | 23 | .. | 05 | 21b | .. | 10 | 12 | 43 | B 5 |
| 703 | Fornax | — | 857 | 383 | 2483 | 19.8 | −26 18 | 6.58 | 05 | .. | .. | 10 | .. | 03 | 00 | .. | .. | .. | .. | .. | .. | .. | 02 | 10. | K |
| 704 | Cetus | 71 | 374 | .. | 2482 | 20.0 | − 3 14 | 6.30 | .. | .. | .. | 00 | .. | 01 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | 46 | A |
| 705 | Hydrus | δ | 113 | 461 | 2498 | 20.0 | −69 7 | 4.26 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | 25 | .. | .. | 41 | .. | 28 | 7. | A 2 |
| 706 | Phoenix | — | 681 | .. | 2499 | 20.5 | −41 18 | 6.20 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | G |
| 707 | Cassiop. | ι | 213 | 384 | .. | 20.8 | +66 57 | 4.59 | 02 | 03 | .. | .. | .. | 01 | 01 | .. | .. | .. | 14 | 19b | .. | 08 | 39 | 05 | A 5 |
| 708 | Cetus | ρ 72 | 451 | 385 | 2509 | 21.1 | −12 44 | 4.90 | 02 | .. | .. | .. | .. | 00 | 03 | 06 | 00 | 28 | .. | .. | .. | 10 | 02 | 12 | A |
| 709 | Andr. | 66 | 666 | .. | .. | 21.2 | +50 7 | 6.27 | .. | .. | 04 | .. | .. | 00 | 03 | .. | R | .. | .. | 13c | .. | .. | .. | 16 | F |
| 710 | Cetus | — | 426 | 386 | 2514 | 21.2 | −15 47 | 5.84 | 36 | .. | 18 | 00 | .. | 00 | .. | 19 | .. | .. | .. | .. | .. | .. | 29 | 29 | A |
| 711 | Aries | — | 409 | .. | .. | 21.3 | +26 33 | 6.18 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10d | .. | .. | .. | .. | K 5 |
| 712 | Triang. | 11 | 427 | 387 | .. | 21.5 | +31 22 | 5.80 | 13 | .. | .. | .. | .. | 12 | .. | .. | 15 | .. | 20 | 06d | .. | .. | 10 | 35 | G |
| 713 | Cetus | — | 455 | .. | 2529 | 22.0 | −20 30 | 6.05 | .. | .. | 29 | .. | .. | 05 | 05 | 28 | .. | .. | .. | .. | .. | .. | .. | 11 | K |
| 714 | Horol. | λ | 199 | 469 | 2541 | 22.1 | −60 45 | 5.47 | .. | .. | .. | .. | 12 | .. | .. | 12 | .. | .. | .. | .. | 12 | .. | 21 | 4. | F |
| 715 | Hydrus | κ | 194 | 470 | 2552 | 22.2 | −74 6 | 6.00 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | 10 | 17. | G 5 |
| 716 | Perseus | — | 557 | .. | .. | 22.3 | +55 5 | 6.56 | .. | .. | 20 | .. | .. | .. | 20 | .. | .. | .. | .. | 24a | .. | .. | .. | 41 | A |
| 717 | Triang. | 12 | 417 | 388 | .. | 22.3 | +29 14 | 5.38 | 08 | .. | .. | .. | .. | 12 | 04 | .. | 09 | .. | 16 | 12b | .. | .. | 17 | 06 | F |
| 718 | Cetus | ξ² 73 | 388 | 389 | .. | 22.8 | + 8 1 | 4.34 | 07 | .. | .. | 05 | .. | 03 | .. | .. | 16 | 03 | 32 | 14b | .. | .. | 06 | 04 | A |
| 719 | Cetus | — | 431 | .. | .. | 22.9 | + 1 31 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17b | .. | .. | .. | 22 | K |
| 720 | Triang. | 13 | 423 | .. | .. | 23.0 | +29 29 | 5.90 | .. | .. | .. | 09 | .. | 10 | .. | .. | 15 | .. | .. | 36c | .. | .. | .. | 42 | G |
| 721 | Eridan. | κ | 637 | 473 | 2556 | 23.3 | −48 9 | 4.44 | .. | .. | .. | .. | 16 | .. | .. | 15 | .. | 38 | .. | .. | 19 | .. | 10 | 8. | B 5 |
| 722 | Horol. | — | 154 | .. | 2566 | 23.4 | −66 56 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | Mb |
| 723 | Aries | — | 354 | 390 | .. | 23.5 | +23 2 | 6.10 | 02 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 01 | 41a | .. | .. | 00 | 15 | A |
| 724 | Fornax | φ | 905 | 475 | 2565 | 23.8 | −34 15 | 5.16 | .. | 03 | .. | .. | 00 | 11 | 01 | 08 | .. | .. | .. | .. | .. | 00 | 10 | 3. | A 2 |
| 725 | Cetus | — | 385 | .. | .. | 24.2 | + 9 7 | 6.30 | .. | .. | .. | 09 | .. | 10 | .. | .. | .. | .. | .. | 05c | .. | .. | .. | 06 | G 5 |
| 726 | Triang. | — | 445 | .. | .. | 24.3 | +33 23 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19c | .. | .. | .. | 19 | G |
| 727 | Fornax | — | 990 | 477 | 2576 | 24.3 | −31 33 | 6.14 | .. | 26 | .. | .. | 22 | 02 | 02 | 06 | .. | .. | .. | .. | .. | .. | 34 | 9. | F 2 |
| 728 | Aries | — | 358 | 391 | .. | 24.8 | +24 48 | 5.86 | 02 | .. | 05 | 03 | .. | 01 | .. | .. | .. | .. | 08 | 30b | .. | .. | 01 | 13 | F |
| 729 | Aries | 26 | 365 | 392 | .. | 25.0 | +19 25 | 6.14 | 06 | .. | 11 | .. | .. | 10 | 06 | .. | 04 | .. | 06 | 28b | .. | .. | 19 | 43 | A |
| 730 | Cetus | — | 942 | 393 | 2598 | 25.3 | −23 7 | 6.56 | 25 | .. | .. | 23 | .. | 07 | 03 | .. | .. | .. | .. | .. | .. | .. | 59 | 27 | A 5 |
| 731 | Aries | 27 | 380 | .. | .. | 25.4 | +17 16 | 6.41 | .. | .. | .. | A | .. | .. | .. | .. | 09 | .. | .. | 07c | .. | .. | .. | 06 | G |
| 732 | Cetus | — | 378 | .. | 2604 | 25.7 | − 0 11 | 6.03 | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 01 | .. | 14 | A |
| 733 | Fornax | — | 979 | 395 | 2608 | 25.7 | −25 37 | 6.50 | 02 | .. | .. | 12 | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | 30 | 3. | A 5 |
| 734 | Horol. | — | 174 | 480 | 2622 | 25.8 | −64 45 | 6.36 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | 0. | A |
| 735 | Cetus | — | 947 | 396 | 2613 | 25.9 | −22 59 | 6.45 | 00 | .. | .. | 10 | .. | 02 | 07 | .. | .. | .. | .. | .. | .. | .. | 05 | 25 | K 5 |
| 736 | Triang. | 14 | 497 | 394 | .. | 26.0 | +35 43 | 5.35 | 08 | .. | .. | .. | .. | 08 | 15 | .. | 05 | .. | 08 | 02e | .. | .. | 10 | 76 | K 5 |
| 737 | Cetus | — | 438 | 397 | .. | 26.3 | + 1 50 | 5.44 | 08 | .. | .. | .. | .. | 07 | .. | .. | .. | 18 | 18 | 04d | .. | .. | 06 | 78 | K |
| 738 | Triang. | — | 454 | 398 | .. | 26.8 | +34 6 | 5.90 | 00 | .. | .. | .. | .. | 13 | 14 | .. | .. | .. | .. | 01c | .. | .. | 05 | 30 | F |
| 739 | Cetus | 75 | 353 | 399 | 2630 | 27.1 | − 1 28 | 5.53 | 02 | .. | .. | .. | .. | 01 | .. | 02 | 17 | 00 | 25 | .. | .. | .. | 12 | 37 | K |
| 740 | Cetus | σ 76 | 449 | 400 | 2642 | 27.3 | −15 41 | 4.82 | 12 | .. | 16 | .. | .. | 04 | 02 | 02 | 07 | 07 | .. | .. | .. | .. | 07 | 15 | F 5 |
| 741 | Aries | 29 | 419 | .. | .. | 27.5 | +14 36 | 6.07 | .. | .. | 03 | 00 | .. | 03 | .. | .. | 03 | .. | .. | 23b | .. | .. | .. | 19 | F 5 |
| 742 | Fornax | — | 957 | .. | 2662 | 28.1 | −36 52 | 6.29 | .. | .. | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | .. | .. | .. | .. | 7. | K |
| 743 | Cassiop. | — | 140 | 401 | .. | 28.5 | +72 23 | 5.34 | 01 | 02 | .. | .. | .. | 00 | 01 | .. | .. | .. | 20 | 01d | .. | 12 | 01 | 48 | K |
| 744 | Fornax | λ¹ | 877 | 482 | 2681 | 28.9 | −35 5 | 5.88 | .. | 06 | .. | .. | 22 | 01 | 10 | 06 | .. | .. | .. | .. | .. | .. | 08 | 8. | K |
| 745 | Cetus | — | 480 | .. | 2680 | 29.1 | −20 26 | 6.42 | .. | .. | 05 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 | K |
| 746 | Perseus | — | 573 | .. | .. | 29.2 | +39 15 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 40a | .. | .. | .. | 46 | A |
| 747 | Cassiop. | — | 280 | .. | .. | 29.4 | +65 19 | 6.07 | .. | .. | 08 | .. | .. | 10 | 17 | .. | .. | .. | .. | 19d | .. | .. | .. | 48 | G 5 |
| 748 | Perseus | — | 519 | 402 | .. | 29.4 | +36 53 | 5.93 | 04 | .. | .. | .. | .. | 04 | 07 | .. | .. | .. | .. | 15d | .. | .. | 08 | 59 | G |
| 749 | Fornax | ω | 819 | 404 | 2693 | 29.5 | −28 40 | 4.95 | 17 | .. | .. | 05 | .. | 11 | .. | 23 | .. | 13 | .. | .. | .. | .. | 10 | 30 | B 9 |
| 750 | Triang. | 15 | 469 | 403 | .. | 29.7 | +34 15 | 5.62 | 02 | .. | .. | .. | .. | 02 | 05 | .. | 12 | .. | 03 | 01e | .. | .. | 02 | 48 | Ma |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**2h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 751 | Cetus | — | 392 | 405 | .. | 29.7 | + 7 3 | 6.19 | 05 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 13 | 17d | .. | .. | 09 | 31 | K | K0 |
| 752 | Cetus | 77 | 484 | 406 | 2698 | 29.8 | − 8 17 | 5.82 | 17 | .. | .. | .. | .. | 16 | .. | 00 | 42 | .. | .. | .. | .. | .. | 22 | R | K | K0 |
| 753 | Cetus | — | 398 | 408 | .. | 30.6 | + 6 25 | 5.92 | 03 | .. | .. | .. | .. | 04 | .. | .. | .. | .. | .. | 24c | .. | .. | 07 | 02 | G 5 | K0 |
| 754 | Cetus | ν 78 | 418 | 409 | .. | 30.6 | + 5 9 | 5.02 | 12 | .. | 09 | 12 | .. | 11 | .. | .. | 26 | .. | 09 | 04c | .. | .. | 07 | 54 | K | G5 |
| 755 | Horol. | — | 611 | .. | 2725 | 30.6 | −51 31 | 6.29 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 54 | .. | .. | 7. | F | F5− |
| 756 | Perseus | — | 515 | .. | .. | 30.7 | +38 18 | 5.94 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 14b | .. | .. | .. | 04 | F | F5− |
| 757 | Triang. | — | 418 | .. | .. | 30.8 | +31 10 | 6.16 | .. | .. | 15 | .. | .. | 16 | .. | .. | .. | .. | .. | 08c | .. | .. | .. | 07 | F | K0 |
| 758 | Triang. | R | 470 | .. | .. | 31.0 | +33 50 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md | Md |
| 759 | Cetus | 80 | 489 | 413 | 2728 | 31.0 | − 8 16 | 5.71 | 05 | .. | .. | .. | .. | 03 | .. | 09 | 09 | .. | 13 | .. | .. | .. | 04 | 05 | Ma | K5− |
| 760 | Perseus | — | 582 | .. | .. | 31.1 | +39 27 | 6.40 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | 46a | .. | .. | .. | 44 | A | B8 |
| 761 | Triang. | — | 473 | .. | .. | 31.1 | +32 27 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13b | .. | .. | .. | 15 | F | F5− |
| 762 | Horol. | — | 169 | 487 | 2745 | 31.1 | −63 1 | 6.70 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | 65 | .. | 18 | 2. | B 8 | B8 |
| 763 | Aries | 31 | 360 | 412 | .. | 31.2 | +12 1 | 5.68 | 12 | .. | .. | 08 | .. | 03 | .. | .. | 33 | .. | 00 | 25b | .. | .. | 06 | 41 | F | F5− |
| 764 | Aries | 30 | 375 | 410 | .. | 31.2 | +24 13 | 7.37 | 05 | .. | .. | .. | .. | 02 | 07 | .. | 54 | .. | 71 | 13b | .. | .. | 06 | 08 | F | F5− |
| 765 | Aries | — | 376 | 411 | .. | 31.3 | +24 13 | 6.57 | | | | | | 02 | | | | | 11 | 25b | | | | | F 5 | F5− |
| 766 | Cetus | — | 402 | 414 | .. | 31.3 | + 7 18 | 6.04 | 04 | .. | .. | 07 | .. | 14 | 03 | .. | .. | .. | 13 | 18c | .. | .. | 06 | 46 | G 5 | K0 |
| 767 | Fornax | ι1 | 958 | 489 | 2752 | 31.9 | −30 28 | 5.79 | .. | 03 | .. | .. | 10 | 03 | 08 | 06 | .. | .. | .. | .. | 19 | .. | 01 | 8. | G 5 | G5− |
| 768 | Perseus | — | 588 | .. | .. | 32.1 | +37 19 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16b | .. | .. | .. | 22 | F | F5− |
| 769 | Perseus | — | 591 | .. | .. | 32.3 | +37 40 | 6.26 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33b | .. | 05 | .. | 45 | A | A0 |
| 770 | Cetus | — | 405 | .. | .. | 32.7 | + 7 16 | 6.46 | .. | .. | .. | 22 | .. | 07 | 14 | .. | .. | .. | .. | 26b | .. | .. | .. | 06 | F 5 | F5− |
| 771 | Cetus | 81 | 436 | 416 | 2765 | 32.7 | − 3 49 | 5.84 | 10 | .. | 10 | 04 | .. | 03 | 03 | 02 | 36 | .. | 16 | .. | .. | .. | 19 | 00 | K | K0 |
| 772 | Fornax | λ2 | 903 | 493 | 2775 | 32.8 | −35 0 | 5.80 | .. | 04 | .. | .. | 06 | 02 | 00 | 04 | .. | .. | .. | .. | .. | .. | 09 | 10. | G | G5 |
| 773 | Aries | ν 32 | 362 | 417 | .. | 33.1 | +21 32 | 5.36 | 02 | .. | .. | 02 | .. | 01 | 06 | .. | 01 | .. | 18 | 34b | .. | .. | 19 | 19 | A | A2 |
| 774 | Cepheus | — | 86 | 415 | .. | 33.3 | +81 2 | 5.92 | 05 | .. | 02 | .. | .. | 06 | .. | .. | .. | .. | 12 | 06d | .. | .. | 01 | 41 | K | K0 |
| 775 | Cetus | — | 406 | .. | .. | 33.4 | + 3 1 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 01d | .. | .. | .. | 24 | G | G5− |
| 776 | Hydrus | μ | 66 | 497 | 2824 | 33.8 | −79 33 | 5.29 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 11 | 11. | K | K0 |
| 777 | Fornax | ι2 | 973 | 498 | 2797 | 34.0 | −30 37 | 5.79 | .. | 11 | .. | .. | 17 | 03 | 01 | 10 | .. | .. | .. | .. | 02 | .. | 09 | 8. | F 2 | F5 |
| 778 | Horol. | η | 457 | 500 | 2802 | 34.1 | −52 58 | 5.26 | .. | .. | .. | .. | 15 | .. | .. | 15 | .. | .. | .. | .. | 41 | .. | 14 | 10. | A 5 | A5− |
| 779 | Cetus | δ 82 | 406 | 418 | 2799 | 34.4 | − 0 6 | 4.04 | 09 | .. | .. | 16 | .. | 06 | 14 | 17 | 06 | 12 | 19 | .. | .. | .. | 14 | 10 | B 2 | B2 |
| 780 | Fornax | — | 875 | .. | 2806 | 34.4 | −38 25 | 6.47 | .. | .. | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | .. | .. | .. | .. | 9. | F 2 | F5− |
| 781 | Cetus | ε 83 | 501 | 420 | 2810 | 34.7 | −12 18 | 5.01 | 05 | .. | .. | .. | .. | 13 | .. | 09 | 08 | 45 | 50 | .. | .. | .. | 09 | 12 | F 5 | F5− |
| 782 | Aries | 33 | 443 | 419 | .. | 34.8 | +26 38 | 5.38 | 01 | .. | .. | .. | .. | 01 | .. | .. | 12 | .. | 20 | 32c | .. | 03 | 02 | 00 | A 2 | A2 |
| 783 | Cetus | — | 374 | 421 | .. | 35.0 | + 5 41 | 6.25 | 06 | .. | .. | 01 | .. | 04 | .. | .. | .. | .. | 13 | 27b | .. | .. | 05 | 08 | F 2 | F2 |
| 784 | Cetus | — | 525 | 422 | 2820 | 35.3 | − 9 53 | 5.93 | 05 | .. | 13 | .. | .. | 08 | .. | 01 | .. | .. | .. | .. | .. | .. | 02 | 02 | F 2 | F5− |
| 785 | Perseus | 11 | 598 | 424 | .. | 35.8 | +54 41 | 5.66 | 10 | .. | .. | .. | .. | 14 | 03 | .. | 71 | .. | .. | 40b | .. | 14 | 08 | 13 | A | B8 |
| 786 | Fornax | — | 1081 | .. | 2834 | 35.8 | −31 4 | 6.54 | .. | .. | .. | .. | .. | 12 | 02 | 15 | .. | .. | .. | .. | .. | .. | .. | 9. | G 5 | G5− |
| 787 | Perseus | — | 616 | 425 | .. | 35.9 | +53 6 | 6.12 | 02 | .. | .. | .. | .. | 01 | 00 | .. | .. | .. | .. | 14c | .. | .. | 27 | 28 | G 5 | K0 |
| 788 | Perseus | 12 | 610 | 427 | .. | 35.9 | +39 46 | 4.99 | 09 | .. | .. | .. | .. | 07 | 01 | .. | 01 | .. | 03 | 25c | .. | .. | 01 | 35 | G | G0 |
| 789 | Eridan. | s | 814 | 509 | 2838 | 36.0 | −43 20 | 4.53 | .. | .. | .. | .. | 19 | 25 | 36 | 42 | .. | 22 | .. | .. | 08 | .. | 25 | 12. | A | A2 |
| 790 | Cetus | 84 | 377 | .. | 2836 | 36.1 | − 1 8 | 5.73 | .. | .. | .. | 03 | .. | 03 | .. | .. | 17 | .. | .. | .. | .. | .. | .. | 08 | F 5 | F5− |
| 791 | Cassiop. | — | 224 | 423 | .. | 36.2 | +67 24 | 5.84 | 02 | .. | .. | .. | .. | 13 | 11 | .. | .. | .. | .. | 31b | .. | .. | .. | 12 | A | A2 |
| 792 | Perseus | — | 683 | .. | .. | 36.3 | +47 51 | 6.56 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 11d | .. | .. | .. | .. | G 5 | G5− |
| 793 | Aries | μ 34 | 403 | 428 | .. | 36.7 | +19 35 | 5.72 | 06 | .. | .. | .. | .. | 05 | .. | .. | 12 | .. | 23 | 17b | .. | .. | 08 | 23 | A | A0 |
| 794 | Eridan. | ι | 689 | 516 | 2851 | 36.7 | −40 17 | 4.06 | .. | .. | .. | .. | 14 | 01 | 06 | 20 | .. | 03 | .. | .. | 01 | .. | 09 | 22. | K | K0 |
| 795 | Cetus | — | 421 | .. | 2847 | 36.8 | − 3 39 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 02 | K | K0 |
| 796 | Cetus | — | 478 | .. | 2850 | 36.8 | −14 59 | 6.05 | .. | .. | 02 | .. | .. | 06 | 07 | R | .. | .. | .. | .. | .. | .. | .. | 11 | F 8 | F5 |
| 797 | Cetus | 85 | 360 | 430 | .. | 37.1 | +10 19 | 6.27 | 01 | .. | 05 | 08 | .. | 03 | .. | .. | 42 | .. | .. | 35b | .. | .. | 12 | 23 | A | A0 |
| 798 | Horol. | — | 192 | 519 | 2868 | 37.3 | −64 43 | 6.60 | .. | .. | .. | .. | 12 | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | 2. | A | B9 |
| 799 | Perseus | θ 13 | 746 | 429 | .. | 37.4 | +48 48 | 4.22 | 02 | .. | .. | .. | .. | 08 | 09 | .. | 08 | .. | 04 | 11c | .. | .. | 13 | 74 | G | F8 |
| 800 | Perseus | 14 | 566 | 431 | .. | 37.5 | +43 52 | 5.58 | 02 | .. | .. | 09 | .. | 11 | 01 | .. | 33 | .. | 20 | 00c | .. | .. | 02 | 70 | F | F5− |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



2h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 801 | Aries | 35 | 424 | 432 | .. | 37.6 | +27 17 | 4.58 | 10 | .. | .. | .. | .. | 11 | .. | .. | 42 | .. | 07 | 34b | .. | .. | 17 | 28 | B 8 |
| 802 | Horol. | ζ | 446 | 521 | 2866 | 37.6 | −54 59 | 5.26 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | 36 | .. | 04 | 8. | A 8 |
| 803 | Aries | — | 441 | .. | .. | 38.0 | +25 14 | 6.37 | .. | .. | 19 | .. | .. | .. | 19 | .. | .. | .. | .. | 28a | .. | .. | .. | 41 | A |
| 804 | Cetus | γ 86 | 422 | 433 | .. | 38.1 | + 2 49 | 3.58 | 01 | .. | .. | 09 | .. | 17 | 06 | .. | 02 | 07 | 20 | 22b | .. | .. | 05 | 30 | A |
| 805 | Fornax | — | 894 | 522 | 2872 | 38.1 | −38 49 | 5.92 | .. | 02 | .. | .. | 23 | 09 | 25 | 05 | .. | .. | .. | .. | .. | .. | 02 | 14. | G |
| 806 | Hydrus | ε | 161 | 523 | 2887 | 38.1 | −68 42 | 4.26 | .. | .. | .. | .. | 09 | .. | .. | 08 | .. | 26 | .. | .. | 21 | .. | 21 | 7. | B 9 |
| 807 | Eridan. | — | 832 | .. | 2885 | 38.5 | −46 57 | 6.19 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 39 | .. | .. | 9. | G |
| 808 | Aries | 36 | 426 | .. | .. | 38.7 | +17 21 | 6.47 | .. | .. | .. | A | .. | .. | .. | .. | 12 | .. | .. | 18d | .. | .. | .. | .. | K |
| 809 | Aries | o 37 | 457 | 434 | .. | 39.0 | +14 53 | 5.80 | 01 | .. | 09 | 07 | .. | 16 | .. | .. | 00 | .. | 12 | 18b | .. | 06 | 00 | 23 | A |
| 810 | Horol. | ι | 641 | 526 | 2898 | 39.1 | −51 14 | 5.42 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | 17 | .. | 04 | 14. | F 2 |
| 811 | Cetus | π 89 | 519 | 436 | 2894 | 39.4 | −14 17 | 4.39 | 11 | .. | 07 | .. | .. | 02 | .. | 06 | 06 | 22 | 42 | .. | .. | .. | 03 | 12 | B 5 |
| 812 | Aries | 38 | 377 | 435 | .. | 39.5 | +12 1 | 5.16 | 04 | .. | .. | 07 | .. | 12 | 00 | .. | 09 | .. | 24 | 33b | .. | .. | 04 | 38 | A |
| 813 | Cetus | μ 87 | 359 | 437 | .. | 39.5 | + 9 42 | 4.36 | 02 | .. | .. | .. | .. | 03 | .. | .. | 16 | 17 | 11 | 05b | .. | .. | 06 | 42 | A 5 |
| 814 | Eridan. | — | 769 | R | R | 39.5 | −40 58 | 6.34 | .. | .. | .. | .. | 18 | .. | .. | 17 | .. | .. | .. | .. | .. | .. | 01 | 7. | A |
| 815 | Cassiop. | RZ | 179 | .. | .. | 39.9 | +69 13 | var. | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | v | .. | .. | .. | 33 | A |
| 816 | Cetus | — | 437 | .. | .. | 40.1 | + 4 17 | 6.02 | .. | .. | .. | .. | .. | 05 | 06 | .. | .. | .. | .. | 42b | .. | .. | 08 | 04 | F 2 |
| 817 | Fornax | — | 943 | 534 | 2919 | 40.1 | −32 57 | 6.14 | .. | 03 | .. | .. | 05 | 13 | 09 | 26 | .. | .. | .. | .. | 39 | .. | 06 | 5. | A |
| 818 | Eridan. | τ¹ 1 | 518 | 438 | 2924 | 40.5 | −19 0 | 4.61 | 06 | .. | 10 | .. | .. | 04 | 13 | 05 | 01 | 11 | .. | .. | .. | .. | 03 | 23 | F 5 |
| 819 | Perseus | — | 553 | .. | .. | 40.8 | +35 35 | 6.38 | .. | .. | 01 | .. | .. | .. | 00 | .. | .. | .. | .. | 08c | .. | .. | .. | 13 | F |
| 820 | Perseus | — | 513 | .. | .. | 40.9 | +35 9 | 6.34 | .. | .. | 07 | .. | .. | .. | 06 | .. | .. | .. | .. | 22b | .. | .. | .. | 18 | F |
| 821 | Horol. | — | 475 | 537 | 2935 | 41.0 | −53 0 | 6.28 | .. | .. | .. | .. | 14 | .. | .. | 15 | .. | .. | .. | .. | 58 | .. | 43 | 5. | A 2 |
| 822 | Eridan. | — | 797 | .. | 2956 | 41.7 | −46 43 | 6.80 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 40 | .. | .. | 9. | K |
| 823 | Horol. | — | 181 | 539 | 2965 | 41.7 | −67 8 | 6.30 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | 10 | 3. | F 8 |
| 824 | Aries | 39 | 462 | 439 | .. | 42.0 | +28 50 | 4.62 | 02 | .. | .. | 01 | .. | 01 | 02 | .. | 28 | .. | 03 | 17d | .. | .. | 02 | 108 | K |
| 825 | Perseus | — | 718 | .. | .. | 42.2 | +56 40 | 6.53 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16d | .. | .. | .. | 21 | F 2 |
| 826 | Eridan. | — | 479 | .. | 2962 | 42.2 | −22 4 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 12 | F |
| 827 | Eridan. | — | 1061 | 442 | 2970 | 42.7 | −22 55 | 6.66 | 39 | .. | .. | 27 | .. | 07 | 17 | .. | .. | .. | .. | .. | .. | .. | 09 | 51 | F |
| 828 | Aries | 40 | 442 | 441 | .. | 42.9 | +17 52 | 6.04 | 04 | .. | .. | .. | .. | 03 | .. | .. | 14 | .. | .. | 08d | .. | .. | 09 | 51 | K |
| 829 | Cassiop. | — | 200 | .. | .. | 43.0 | +68 28 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17b | .. | .. | .. | 06 | F |
| 830 | Aries | 16 | 396 | 440 | .. | 43.0 | +24 47 | 5.87 | 09 | .. | 04 | .. | .. | 14 | .. | .. | 17 | .. | 22 | 33b | .. | .. | .. | 31 | A |
| 831 | Perseus | — | 566 | .. | .. | 43.2 | +36 54 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 21b | .. | .. | .. | 33 | F |
| 832 | Eridan. | — | 530 | .. | .. | 43.2 | −12 53 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Mc |
| 833 | Horol. | — | 196 | 543 | 2992 | 43.3 | −64 8 | 5.69 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | 39 | .. | .. | .. | .. | 04 | 11. | K |
| 834 | Perseus | η 15 | 714 | 443 | .. | 43.4 | +55 29 | 3.93 | 00 | .. | .. | .. | .. | 00 | .. | .. | R | .. | 20 | 02e | .. | .. | 03 | 152 | K |
| 835 | Fornax | η¹ | 1050 | .. | 2989 | 43.5 | −35 58 | 6.51 | .. | .. | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | .. | 19 | .. | .. | 5. | F 8 |
| 836 | Aries | π 42 | 355 | 444 | .. | 43.7 | +17 3 | 5.30 | 27 | .. | .. | 04 | .. | 19 | 14 | .. | 25 | .. | 21 | 30b | .. | 10 | 25 | 15 | B 5 |
| 837 | Hydrus | ζ | 169 | 548 | 3003 | 44.0 | −68 3 | 4.90 | .. | .. | .. | .. | 11 | .. | .. | 12 | .. | 18 | .. | .. | 25 | .. | 10 | 2. | A 2 |
| 838 | Aries | 41 | 471 | 445 | .. | 44.1 | +26 51 | 3.68 | 10 | .. | .. | .. | .. | 10 | .. | .. | 53 | .. | 10 | 01b | .. | .. | 32 | 47 | B 8 |
| 839 | Perseus | — | 651 | .. | .. | 44.2 | +57 53 | 6.27 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 43b | .. | .. | .. | 54 | A |
| 840 | Perseus | 16 | 646 | 446 | .. | 44.2 | +37 55 | 4.27 | 17 | .. | .. | .. | .. | 14 | 03 | .. | 13 | .. | 50 | 24c | .. | .. | 08 | 57 | F |
| 841 | *Fornax* | β | 1025 | 550 | 3009 | 44.9 | −32 50 | 4.50 | 21 | 04 | .. | .. | 34 | 10 | 04 | 08 | .. | .. | .. | .. | 05 | .. | 18 | 13. | K |
| 842 | Perseus | — | 648 | 447 | .. | 45.0 | +46 25 | 5.97 | 13 | .. | .. | .. | .. | 03 | 11 | .. | .. | .. | .. | 07c | .. | .. | 17 | 53 | G |
| 843 | Perseus | 17 | 527 | 449 | .. | 45.4 | +34 39 | 4.67 | 13 | .. | .. | .. | .. | 20 | 08 | .. | 03 | .. | 23 | 01e | .. | .. | 03 | 115 | K 5 |
| 844 | *Fornax* | γ¹ | 1120 | 450 | 3017 | 45.4 | −24 59 | 6.27 | 00 | .. | .. | 00 | 01 | 01 | 02 | .. | .. | .. | .. | .. | .. | .. | 15 | 07 | G 5 |
| 845 | *Fornax* | γ² | 903 | 451 | 3022 | 45.6 | −28 22 | 5.39 | 13 | .. | .. | 00 | .. | 01 | .. | 12 | .. | .. | .. | .. | .. | .. | 29 | 38 | A |
| 846 | Perseus | — | 640 | .. | .. | 45.8 | +52 35 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19b | .. | .. | .. | 15 | A |
| 847 | Aries | σ 43 | 480 | 452 | .. | 46.0 | +14 40 | 5.46 | 01 | .. | .. | 08 | .. | 06 | 01 | .. | 01 | .. | 12 | 26b | .. | .. | 09 | 07 | B 5 |
| 848 | Fornax | η² | 1067 | 556 | 3030 | 46.2 | −36 16 | 5.82 | .. | 05 | .. | .. | 13 | 00 | 10 | 06 | .. | .. | .. | .. | 22 | .. | 14 | 8. | G 5 |
| 849 | Perseus | — | 723 | .. | .. | 46.5 | +48 9 | 6.51 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25c | .. | .. | .. | 11 | G 5 |
| 850 | Eridan. | τ² 2 | 509 | 453 | 3034 | 46.5 | −21 25 | 4.81 | 02 | .. | .. | 07 | .. | 09 | .. | 19 | 14 | 19 | .. | .. | .. | .. | 06 | 94 | K |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**2h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 851 | Fornax | $\eta^3$ | 1070 | *559* | 3039 | 46.6 | −36 5 | 5.49 | .. | 05 | .. | .. | *20* | 07 | 14 | *07* | .. | .. | .. | .. | 01 | .. | *07* | 9. | K | $K_0$ |
| 852 | Horol. | $\nu$ | 188 | *561* | 3054 | 46.8 | −63 14 | 5.39 | .. | .. | .. | .. | *11* | .. | .. | 11 | .. | .. | .. | .. | .. | .. | *19* | 1. | A | $A_0$ |
| 853 | Eridan. | — | 736 | *562* | 3045 | 47.0 | −40 21 | 6.25 | .. | .. | .. | .. | 07 | *15* | 00 | 09 | .. | .. | .. | .. | *25* | .. | *07* | 10. | A | $B_9$ |
| 854 | Perseus | $\tau$ 18 | 641 | 454 | .. | 47.2 | +52 21 | 4.06 | *09* | .. | .. | .. | .. | 01 | 08 | .. | 59 | .. | 01 | 04d | .. | .. | 04 | 87 | G p | $G_0$ p |
| 855 | Perseus | 20 | 655 | 455 | .. | 47.4 | +37 56 | 5.32 | 05 | .. | .. | .. | .. | *15* | 11 | .. | 05 | .. | 19 | 32b | .. | .. | 18 | 28 | F | $F_0$ |
| 856 | Aries | — | *400* | .. | .. | 47.6 | +16 5 | 6.38 | .. | .. | 01 | .. | .. | .. | *01* | .. | .. | .. | .. | 15b | .. | .. | .. | 03 | F | $F_2$ |
| 857 | Eridan. | — | 544 | .. | 3058 | 47.7 | −13 11 | 6.14 | .. | .. | .. | *03* | .. | *02* | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 06 | K | $G_5$ |
| 858 | Fornax | — | 1148 | .. | 3061 | 47.7 | −31 14 | 6.38 | .. | .. | .. | .. | .. | .. | *04* | 04 | .. | .. | .. | .. | .. | .. | .. | 5. | F 5 | $F_5$ |
| 859 | Eridan. | — | *569* | .. | 3064 | 47.9 | − 9 51 | 6.26 | .. | .. | 15 | .. | .. | .. | *16* | .. | .. | .. | .. | .. | .. | .. | .. | *06* | A | $A_2$ |
| 860 | Cassiop. | — | *591* | 456 | .. | 48.0 | +61 7 | 5.63 | *06* | 03 | .. | .. | .. | 02 | 01 | .. | .. | .. | .. | 14c | .. | *01* | .. | 25 | F | $F_5$ |
| 861 | Cassiop. | — | 369 | .. | .. | 48.1 | +63 55 | 6.57 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *33*e | .. | .. | .. | .. | K | $K_5$ |
| 862 | Eridan. | — | 503 | .. | 3091 | 49.1 | −22 47 | 6.06 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 7. | G | $G_5$ |
| 863 | Fornax | $\psi$ | 948 | *567* | 3103 | 49.7 | −38 51 | 5.85 | .. | *01* | .. | .. | *06* | *01* | *05* | 14 | .. | .. | .. | .. | .. | .. | 05 | 13. | F | $F_2$ |
| 864 | Perseus | — | 665 | .. | .. | 49.8 | +50 51 | 6.52 | .. | .. | 05 | .. | .. | .. | *04* | .. | .. | .. | .. | *16*d | .. | .. | .. | *02* | K | $K_5$ |
| 865 | Perseus | — | 658 | 457 | .. | 49.8 | +46 45 | 6.13 | *33* | .. | .. | .. | .. | 07 | 27 | .. | .. | .. | .. | 03d | .. | .. | *18* | 42 | K | $K_0$ |
| 866 | Horol. | — | 197 | .. | 3128 | 50.1 | −63 19 | 6.10 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | K | $K_0$ |
| 867 | Aries | 45 | 457 | 458 | .. | 50.2 | +17 55 | 5.94 | *16* | .. | .. | .. | .. | 08 | 07 | .. | *04* | .. | *22* | 08d | .. | .. | *12* | 81 | Mb 5 | Mb |
| 868 | Horol. | R | 860 | .. | .. | 50.6 | −50 18 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md | Md |
| 869 | Aries | $\rho$ 46 | 458 | 459 | .. | 50.8 | +17 37 | 5.57 | *03* | .. | .. | .. | .. | *04* | 08 | .. | *07* | .. | 09 | 32b | .. | .. | 01 | 30 | F | $F_5$ |
| 870 | Cetus | — | 450 | 460 | .. | 50.9 | + 7 59 | 6.08 | *06* | .. | .. | 11 | .. | *06* | .. | .. | .. | .. | .. | 19b | .. | .. | *08* | 24 | F 5 | $F_8$ |
| 871 | Horol. | — | 683 | *574* | 3141 | 50.9 | −51 17 | 6.06 | .. | .. | .. | .. | *13* | .. | .. | 13 | .. | .. | .. | .. | .. | .. | *28* | 11. | K | $K_0$ |
| 872 | Hydrus | $\nu$ | 204 | *575* | 3171 | 51.1 | −75 29 | 4.70 | .. | .. | .. | .. | *04* | .. | .. | 05 | .. | 47 | .. | .. | 05 | .. | *01* | 18. | K 2 | $K_2$ |
| 873 | Perseus | 21 | 509 | 461 | .. | 51.2 | +31 32 | 5.18 | 02 | .. | .. | .. | .. | *03* | .. | .. | *18* | .. | 20 | 22b | .. | .. | *28* | *10* | A p | $A_0$ p |
| 874 | Eridan. | $\eta$ 3 | 553 | 464 | 3146 | 51.5 | − 9 18 | 4.05 | *10* | .. | 19 | .. | .. | *05* | .. | *03* | *05* | *09* | *18* | .. | .. | .. | *25* | 88 | K | $K_0$ |
| 875 | Eridan. | — | 502 | 463 | 3148 | 51.6 | − 4 7 | 5.27 | *06* | .. | 11 | .. | .. | *14* | .. | 10 | .. | .. | *04* | .. | .. | .. | *27* | *10* | A 2 | $A_2$ |
| 876 | Perseus | — | 599 | .. | .. | 51.7 | +38 13 | 6.08 | .. | .. | .. | .. | .. | *05* | 04 | .. | .. | .. | .. | 17d | .. | .. | *18* | .. | K | $K_0$ |
| 877 | Cetus | — | *410* | .. | .. | 51.8 | + 4 5 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *06*d | .. | .. | .. | .. | Mb | Ma |
| 878 | Aries | 47 | 480 | 466 | .. | 52.3 | +20 16 | 5.85 | 03 | .. | 05 | .. | .. | *07* | .. | .. | *35* | .. | .. | 21b | .. | .. | *05* | 24 | F | $F_0$ |
| 879 | Perseus | $\pi$ 22 | 681 | 465 | .. | 52.4 | +39 16 | 4.62 | 12 | .. | .. | .. | .. | *12* | .. | .. | 13 | .. | 27 | 26a | .. | .. | 10 | 26 | A 2 | $A_2$ |
| 880 | Horol. | — | 206 | *579* | 3189 | 52.5 | −64 51 | 6.46 | .. | .. | .. | .. | *06* | .. | .. | 07 | .. | .. | .. | .. | .. | .. | *11* | 12. | K 5 | $K_0$ |
| 881 | Cepheus | — | *103* | 462 | .. | 52.8 | +79 1 | 5.66 | *02* | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 23 | *18*d | .. | .. | 00 | 58 | K 5 | Ma |
| 882 | Perseus | 24 | 550 | 468 | .. | 52.9 | +34 47 | 4.97 | 07 | .. | .. | .. | .. | *07* | .. | .. | *02* | .. | 31 | 13c | .. | .. | 05 | 83 | K | $K_0$ |
| 883 | Eridan. | 4 | 1336 | 469 | 3185 | 52.9 | −24 16 | 5.41 | 01 | .. | .. | *09* | .. | *03* | *05* | 15 | *04* | .. | .. | .. | .. | .. | 14 | *3.* | A 5 | $A_5$ |
| 884 | Fornax | — | 1122 | .. | 3188 | 53.0 | −30 16 | 6.32 | .. | .. | .. | .. | .. | .. | 01 | *02* | .. | .. | .. | .. | .. | .. | .. | 1. | A 8 | $A_5$ |
| 885 | Perseus | — | 669 | 467 | .. | 53.1 | +46 49 | 5.61 | *04* | .. | .. | *04* | .. | 07 | .. | .. | .. | .. | .. | *01*c | .. | .. | *16* | 65 | F 8 p | $G_5$ p |
| 886 | Perseus | — | 639 | .. | .. | 53.2 | +40 38 | 6.07 | .. | .. | 10 | .. | .. | *10* | .. | .. | .. | .. | .. | *17*d | .. | .. | .. | 38 | K | $K_2$ |
| 887 | Aries | $\varepsilon$ 48 | 484 | 472 | .. | 53.5 | +20 56 | 5.55 | *06* | .. | .. | *02* | .. | 07 | 01 | .. | 21 | .. | *40* | 10b | .. | .. | *04* | 11 | A 2 | $A_2$ |
| 888 | Aries | | | 473 | | 53.5 | +20 56 | 5.25 | | | | | | | | | | | | | | | | | | |
| 889 | Eridan. | 6 | 1343 | 475 | 3206 | 53.6 | −24 1 | 5.96 | 13 | .. | .. | 20 | .. | *08* | .. | *23* | *36* | .. | .. | .. | .. | .. | .. | *84* | K | $K_0$ |
| 890 | Perseus | — | 665 | 470 | .. | 53.7 | +51 57 | 5.42 | *05* | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 09 | 22c | .. | .. | *07* | *09* | B 5 | $B_5$ |
| 891 | Perseus | — | | | | 53.7 | +51 57 | 6.79 | | | | | | | | | | | | 52b | | | | | | |
| 892 | Eridan. | — | 470 | 474 | 3201 | 53.7 | − 3 11 | 5.20 | *17* | .. | .. | .. | .. | *06* | .. | 24 | .. | .. | 20 | .. | .. | .. | *20* | *03* | A 2 | $A_2$ |
| 893 | Fornax | — | 976 | *583* | 3209 | 53.7 | −38 36 | 6.34 | .. | *10* | .. | .. | 15 | *12* | *13* | 22 | .. | .. | .. | .. | .. | .. | *04* | 7. | A | $A_0$ |
| 894 | Perseus | — | 675 | 471 | .. | 53.8 | +37 45 | 5.92 | *02* | .. | .. | .. | .. | 01 | .. | .. | .. | .. | .. | 36a | .. | 28 | *04* | *19* | A | $B_9$ |
| 895 | Eridan. | — | 585 | .. | 3210 | 53.9 | −10 11 | 6.22 | .. | .. | 09 | .. | .. | *08* | *01* | .. | .. | .. | .. | .. | .. | .. | .. | *12* | F | $A_2$ |
| 896 | Cetus | $\lambda$ 91 | 455 | 477 | .. | 54.4 | + 8 31 | 4.69 | *09* | .. | .. | 06 | .. | 02 | .. | .. | 26 | .. | 24 | 27a | .. | .. | *14* | *06* | B 5 | $B_5$ |
| 897 | Eridan. | $\theta$ | 771 | *584* | 3223 | 54.5 | −40 42 | 3.42 | .. | .. | .. | .. | 07 | *10* | *17* | 22 | .. | 19 | .. | .. | 34 | .. | *42* | 10. | A 2 | $A_2$ |
| 898 | Eridan. | | | *585* | 3224 | 54.5 | −40 42 | 4.42 | | | | | | | | | | | | | | | | | | |
| 899 | Eridan. | 5 | *475* | 478 | 3218 | 54.7 | − 2 52 | 5.48 | *10* | .. | .. | .. | .. | *05* | *02* | 16 | *08* | .. | *16* | .. | .. | 25 | 12 | *13* | B 9 | $B_9$ |
| 900 | *Fornax* | — | 1106 | 479 | 3229 | 54.8 | −29 18 | 6.19 | *04* | .. | .. | 10 | .. | *05* | .. | .. | .. | .. | .. | .. | .. | .. | 06 | 9. | G 2 | $G_5$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 901 | *Fornax* | ζ | 1191 | 480 | 3237 | 55.2 | −25 41 | 5.63 | 18 | .. | .. | 05 | .. | 00 | .. | 13 | .. | .. | .. | .. | .. | .. | 01 | 06 | F | $F_2$ |
| 902 | Aries | — | 401 | .. | .. | 55.3 | +10 29 | 6.20 | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | 12d | .. | .. | .. | .. | K 5 | $K_5$ |
| 903 | Fornax | — | 1042 | 588 | 3245 | 55.5 | −32 54 | 6.29 | .. | 12 | .. | .. | 10 | 10 | 04 | 17 | .. | .. | .. | .. | .. | 07 | 09 | 0. | A | $A_0$ |
| 904 | Eridan. | 7 | 478 | .. | 3247 | 55.9 | − 3 17 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K 5 | Ma |
| 905 | Aries | 49 | 477 | 481 | .. | 56.0 | +26 4 | 5.91 | 02 | .. | .. | .. | .. | 04 | 03 | .. | 06 | .. | 18 | 31b | .. | 09 | 01 | 09 | A | $A_2$ |
| 906 | Cepheus | — | 97 | 476 | .. | 56.2 | +81 5 | 5.95 | 02 | .. | 05 | .. | .. | 03 | .. | .. | .. | .. | 03 | 03b | .. | .. | 00 | 19 | A | $A_2$ |
| 907 | Eridan. | $\rho^1$ 8 | 562 | .. | 3255 | 56.2 | − 8 3 | 5.94 | .. | .. | .. | 01 | .. | 00 | 00 | .. | 34 | 10 | .. | .. | .. | .. | .. | 32 | G 5 | $G_5$ |
| 908 | Cetus | — | 485 | .. | .. | 56.7 | + 4 57 | 6.38 | .. | .. | 07 | .. | .. | .. | 08 | .. | .. | .. | .. | 06b | .. | .. | .. | .. | G 5 | $K_0$ |
| 909 | Horol. | β | 215 | 591 | 3279 | 56.9 | −64 28 | 5.08 | .. | .. | .. | .. | 10 | .. | .. | 09 | .. | 11 | .. | .. | .. | .. | 34 | 2. | A 5 | $A_5$ |
| 910 | Cetus | — | 420 | .. | .. | 57.1 | + 3 58 | 5.63 | .. | .. | .. | 01 | .. | 09 | 09 | .. | 58 | .. | .. | 37b | .. | 09 | .. | 06 | B 5 | $B_5$ |
| 911 | Cetus | α 92 | 419 | 482 | .. | 57.1 | + 3 42 | 2.82 | 14 | .. | .. | 11 | .. | 02 | .. | .. | 38 | 07 | 38 | 07d | .. | .. | 20 | 181 | Ma | Ma |
| 912 | Eridan. | — | 594 | .. | 3268 | 57.1 | −10 21 | 6.02 | .. | .. | 09 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | $G_5$ |
| 913 | Eridan. | — | 537 | .. | 3270 | 57.2 | − 6 53 | 6.26 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 04 | G | $F_8$ |
| 914 | *Fornax* | ε | 987 | 485 | 3273 | 57.3 | −28 28 | 5.90 | 05 | .. | .. | 02 | .. | 09 | 08 | .. | .. | .. | .. | .. | .. | .. | 00 | 7. | G | $G_5$ |
| 915 | Perseus | γ 23 | 654 | 483 | .. | 57.6 | +53 7 | 3.08 | 03 | .. | .. | .. | .. | 05 | 02 | .. | 13 | .. | 02 | 09c | .. | .. | 08 | 93 | G p | $F_5p$ |
| 916 | Aries | — | 468 | .. | .. | 57.6 | +27 53 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 42b | .. | .. | .. | 09 | A | $A_5$ |
| 917 | Eridan. | $\rho^2$ 9 | 568 | 486 | 3281 | 57.8 | − 8 5 | 5.52 | 07 | .. | .. | .. | .. | 07 | R | .. | 14 | 08 | 00 | .. | .. | .. | 06 | 34 | G 5 | $G_5$ |
| 918 | Perseus | k | 767 | 484 | .. | 58.0 | +56 19 | 5.08 | 05 | .. | .. | .. | .. | 02 | 03 | .. | .. | .. | 10 | 18d | .. | .. | 08 | 48 | K | $K_0$ |
| 919 | Eridan. | $\tau^3$ 11 | 1387 | 487 | 3284 | 58.0 | −24 1 | 4.16 | 06 | .. | .. | 04 | .. | 04 | .. | 16 | 06 | 08 | .. | .. | .. | .. | 02 | 44 | A 3 | $A_3$ |
| 920 | Perseus | — | 738 | .. | .. | 58.2 | +55 41 | 6.50 | .. | .. | 11 | .. | .. | .. | 11 | .. | .. | .. | .. | 24c | .. | .. | .. | 05 | K | $K_0$ |
| 921 | Perseus | ρ 25 | 630 | 489 | .. | 58.8 | +38 27 | var. | v | .. | .. | .. | .. | .. | .. | .. | v | .. | v | .. | .. | .. | v | v | Mb | Mb |
| 922 | Cassiop. | — | 390 | 488 | .. | 58.9 | +63 41 | 5.82 | 07 | 01 | .. | .. | .. | 02 | 03 | .. | .. | .. | .. | 34b | .. | 04 | .. | 05 | A | Bq |
| 923 | Perseus | — | 664 | .. | .. | 58.9 | +40 12 | 6.18 | .. | .. | 09 | .. | .. | .. | 08 | .. | .. | .. | .. | 02d | .. | 16 | .. | 17 | G 5 | $K_0$ |
| 924 | Aries | — | 430 | .. | .. | 59.1 | +15 29 | 6.59 | .. | .. | 10 | .. | .. | .. | 10 | .. | .. | .. | .. | 09d | .. | .. | .. | .. | K | $K_0$ |
| 925 | Eridan. | $\rho^3$ 10 | 572 | 492 | 3305 | 59.3 | − 7 59 | 5.43 | 00 | .. | .. | .. | .. | 01 | .. | 02 | 02 | 12 | 26 | .. | .. | .. | 05 | 37 | A 3 | $A_3$ |
| 926 | Cetus | — | 534 | .. | .. | 59.5 | + 1 30 | 6.05 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23d | .. | .. | .. | .. | F 5 | $K_0$ |
| 927 | Aries | 52 | 431 | 490 | .. | 59.6 | +24 52 | 6.11 | 07 | .. | .. | .. | .. | 04 | 04 | .. | 19 | .. | 10 | 44a | .. | .. | 04 | 12 | A | B8 |
| 928 | Aries | | | 491 | .. | 59.6 | +24 52 | 6.11 | | | | | | | | | | | | | | | | | | |
| 929 | Eridan. | — | 932 | 598 | 3312 | 59.6 | −47 22 | 5.66 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | 06 | 16. | K | $K_0$ |
| 930 | Perseus | — | 681 | .. | .. | 0.9 | +51 50 | 6.17 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33b | .. | .. | .. | 21 | A | $B_5$ |
| 931 | Aries | — | 436 | 494 | .. | 0.9 | +12 48 | 5.84 | 06 | .. | .. | 14 | .. | 07 | .. | .. | .. | .. | .. | 01d | .. | .. | 06 | 34 | G 5 | $G_5$ |
| 932 | Cassiop. | — | 168 | 493 | .. | 1.0 | +74 1 | 4.89 | 16 | .. | .. | .. | .. | 09 | 07 | .. | .. | .. | 10 | 23b | .. | 07 | 19 | 01 | A 2 | $A_2$ |
| 933 | Perseus | — | 692 | .. | .. | 1.0 | +46 55 | 6.36 | .. | .. | .. | .. | .. | 03 | 04 | .. | .. | .. | .. | 18b | .. | .. | .. | 15 | A | $A_0$ |
| 934 | Horol. | μ | 236 | 605 | 3352 | 1.3 | −60 8 | 5.16 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | 18 | 0. | F | $F_0$ |
| 935 | Eridan. | — | 606 | 497 | 3346 | 1.6 | − 6 28 | 5.56 | 05 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 18 | .. | .. | .. | 06 | 51 | Mb | Ma |
| 936 | Perseus | β 26 | 673 | 496 | .. | 1.7 | +40 34 | var. | .. | .. | .. | .. | .. | .. | .. | .. | v | .. | 36 | .. | .. | .. | 20 | R | B 8 | Bq |
| 937 | Perseus | ι | 857 | 495 | .. | 1.8 | +49 14 | 4.17 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 22 | 05c | .. | .. | 23 | 71 | G | $G_0$ |
| 938 | Aries | 53 | 493 | .. | .. | 1.8 | +17 30 | 6.09 | .. | .. | .. | 05 | .. | 05 | R | .. | 21 | .. | .. | 43b | .. | .. | .. | 19 | A | $B_3$ |
| 939 | Hydrus | θ | 219 | 608 | 3375 | 2.0 | −72 18 | 5.52 | .. | .. | .. | .. | 16 | .. | .. | 17 | .. | .. | .. | .. | 22 | .. | 02 | 1. | A | Bq |
| 940 | Aries | 54 | 414 | .. | .. | 2.6 | +18 26 | 6.48 | .. | .. | .. | A | .. | .. | .. | .. | 07 | .. | .. | 05d | .. | .. | .. | .. | K | $K_5$ |
| 941 | Perseus | κ 27 | 631 | 498 | .. | 2.7 | +44 29 | 4.00 | 05 | .. | .. | .. | .. | 07 | 02 | .. | 10 | .. | 08 | 02d | .. | .. | 10 | 112 | K | $K_0$ |
| 942 | Cetus | — | 478 | .. | .. | 3.3 | + 8 5 | 6.44 | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 14c | .. | .. | .. | .. | G | $G_5$ |
| 943 | *Fornax* | — | 1028 | 501 | 3380 | 3.5 | −28 12 | 6.08 | 05 | .. | .. | 01 | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 00 | 1. | A | $A_2$ |
| 944 | Aries | 55 | 499 | 500 | .. | 3.6 | +28 42 | 5.60 | 14 | .. | .. | .. | .. | 07 | 08 | .. | 00 | .. | 02 | 45b | .. | .. | 00 | 12 | A | Bq |
| 945 | Aries | — | 480 | .. | .. | 4.2 | +27 27 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34b | .. | .. | .. | 27 | A | $A_0$ |
| 946 | Aries | — | 516 | 502 | .. | 4.6 | +26 31 | 6.12 | 36 | .. | .. | .. | .. | 24 | 11 | .. | .. | .. | .. | 00d | .. | .. | 27 | 33 | K | $K_0$ |
| 947 | Perseus | ω 28 | 724 | 503 | .. | 4.8 | +39 14 | 4.82 | 08 | .. | .. | .. | .. | 08 | .. | .. | 01 | .. | 12 | 12c | .. | .. | 10 | 78 | G 5 | $K_0$ |
| 948 | Aries | — | 445 | .. | .. | 5.2 | +11 30 | 5.91 | .. | .. | .. | 01 | .. | 03 | 03 | .. | .. | .. | .. | 43b | .. | .. | .. | 24 | A | Bq |
| 949 | Perseus | — | 779 | .. | .. | 5.5 | +47 22 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 08e | .. | .. | .. | .. | G 5 | $K_0$ |
| 950 | Perseus | — | 631 | .. | .. | 5.5 | +42 1 | 6.00 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 26a | .. | 15 | .. | 39 | B | Bq |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**3h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 951 | Aries | δ 57 | 477 | 505 | .. | 5.9 | +19 21 | 4.53 | 05 | .. | .. | .. | .. | 11 | 07 | .. | 29 | .. | 01 | 15d | .. | .. | 23 | 78 | K | K0 |
| 952 | Aries | — | 452 | .. | .. | 5.9 | +12 40 | 6.44 | .. | .. | .. | 18 | .. | .. | 18 | .. | .. | .. | .. | 06c | .. | .. | .. | 06 | K | G5- |
| 953 | Eridan. | — | 1480 | .. | 3423 | 6.2 | −24 7 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 9. | K | G5- |
| 954 | Aries | 56 | 523 | 507 | .. | 6.3 | +26 53 | 5.65 | 16 | .. | .. | .. | .. | 12 | 05 | .. | 05 | .. | 13 | 38a | .. | .. | 25 | 00 | A | A0p |
| 955 | Eridan. | — | 540 | 508 | 3422 | 6.3 | − 4 11 | 6.34 | 06 | .. | 03 | 09 | .. | 03 | 01 | .. | .. | .. | .. | .. | .. | .. | 04 | .. | K | Ma |
| 956 | Perseus | — | 782 | .. | .. | 6.4 | +47 50 | 5.96 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 24d | .. | .. | .. | 53 | A | G5- |
| 957 | Eridan. | — | 587 | .. | 3436 | 6.7 | −16 24 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 958 | Taurus | g | 496 | 509 | .. | 7.1 | + 6 18 | 5.84 | 04 | .. | .. | 14 | .. | 03 | 15 | .. | .. | .. | 11 | 09c | .. | .. | 06 | .. | F8 | G0 |
| 959 | Hydrus | — | 174 | 626 | 3465 | 7.1 | −69 39 | 6.05 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | 8. | K | G5 |
| 960 | Horol. | — | 884 | 627 | 3454 | 7.2 | −49 6 | 6.10 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | .. | 10 | 15 | 6. | G5 | K0 |
| 961 | Cepheus | — | 115 | 506 | .. | 7.6 | +77 22 | 5.50 | 03 | .. | .. | .. | .. | 04 | .. | .. | .. | .. | 04 | 13b | .. | .. | 01 | 08 | A | F0 |
| 962 | Cetus | 94 | 457 | 510 | 3455 | 7.7 | − 1 34 | 5.14 | 12 | .. | .. | .. | .. | 00 | .. | 11 | 04 | .. | 16 | .. | .. | .. | 14 | 61 | F | F8 |
| 963 | *Fornax* | α 12 | 1177 | 512 | 3462 | 7.8 | −29 23 | 3.95 | 18 | .. | .. | 10 | .. | 00 | .. | 08 | 25 | 02 | .. | .. | .. | .. | 58 | 93 | F8 | F8 |
| 964 | Perseus | — | 798 | 511 | .. | 8.2 | +56 45 | 5.92 | 06 | .. | .. | .. | .. | 11 | 05 | .. | .. | .. | 06 | 01c | .. | .. | 03 | 17 | F | A2p |
| 965 | Cepheus | — | 59 | 504 | .. | 8.4 | +84 34 | 5.78 | 13 | .. | 10 | .. | .. | 04 | .. | .. | .. | .. | 27 | 03c | .. | .. | 14 | 54 | F5 | K0 |
| 966 | Perseus | — | 638 | .. | .. | 8.4 | +42 8 | 6.16 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 01c | .. | .. | .. | 35 | K | G5 |
| 967 | Camel. | — | 338 | .. | .. | 8.8 | +65 17 | 6.35 | .. | .. | 00 | .. | .. | .. | 00 | .. | .. | .. | .. | 40b | .. | .. | .. | 12 | A | A2 |
| 968 | Eridan. | — | 1025 | 631 | 3487 | 8.9 | −44 47 | 5.92 | .. | .. | .. | .. | 05 | 20 | 02 | 26 | .. | .. | .. | .. | .. | .. | 17 | 5. | F | F2 |
| 969 | Perseus | — | 729 | 513 | .. | 9.0 | +50 35 | 5.29 | 05 | .. | .. | 02 | .. | 04 | 02 | .. | .. | .. | 04 | 25d | .. | .. | 07 | 67 | K p | K0 |
| 970 | Fornax | — | 1208 | 633 | 3490 | 9.1 | −36 19 | 6.24 | .. | 03 | .. | .. | 09 | 09 | 08 | 24 | .. | .. | .. | .. | .. | .. | 04 | 4. | A | B9 |
| 971 | Perseus | — | 512 | 514 | .. | 9.2 | +30 11 | 5.53 | 00 | .. | 07 | .. | .. | 17 | 11 | .. | .. | .. | 11 | 32b | .. | .. | 03 | 26 | A 2 | A0 |
| 972 | Aries | ζ 58 | 527 | 515 | .. | 9.2 | +20 40 | 4.95 | 02 | .. | .. | 07 | .. | 21 | 12 | .. | 10 | .. | 17 | 14b | .. | .. | 03 | 01 | A | A0 |
| 973 | Perseus | — | 648 | .. | .. | 9.3 | +44 58 | 6.42 | .. | .. | 05 | .. | .. | .. | 05 | .. | .. | .. | .. | 22e | .. | .. | .. | .. | K | Ma |
| 974 | Fornax | — | 1238 | 634 | 3496 | 9.4 | −30 10 | 6.22 | .. | .. | .. | .. | 18 | .. | 18 | 00 | .. | .. | .. | .. | 27 | .. | .. | 7. | G5 | G5 |
| 975 | Perseus | — | 591 | .. | .. | 9.6 | +32 29 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 20b | .. | .. | .. | 15 | A 5 | F0 |
| 976 | Perseus | — | 610 | .. | .. | 9.8 | +34 19 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18b | .. | .. | .. | 32 | A | A2 |
| 977 | Horol. | — | 513 | 636 | 3514 | 10.0 | −57 41 | 5.72 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 24 | 17. | N | N |
| 978 | Perseus | — | 576 | .. | .. | 10.5 | +31 49 | 6.05 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 01c | .. | .. | .. | 28 | G | K0 |
| 979 | Perseus | — | 743 | .. | .. | 10.6 | +40 7 | 6.44 | .. | .. | 03 | .. | .. | .. | 04 | .. | .. | .. | .. | 23a | .. | .. | .. | 57 | A | A0 |
| 980 | *Fornax* | — | 1210 | 518 | 3520 | 10.7 | −26 28 | 6.11 | 16 | .. | .. | 08 | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | 03 | 06 | A 2 | A0 |
| 981 | Hydrus | — | 91 | 638 | 3568 | 10.9 | −79 22 | 5.70 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | 15 | 1. | F | F0 |
| 982 | Perseus | 30 | 674 | 517 | .. | 11.0 | +43 39 | 5.38 | 01 | .. | .. | .. | .. | 01 | 02 | .. | 07 | .. | 17 | 23a | .. | .. | 12 | 02 | B 5 | B5 |
| 983 | Eridan. | — | 636 | 520 | 3525 | 11.0 | − 6 17 | 6.02 | 00 | .. | .. | .. | .. | 05 | 06 | .. | .. | .. | 33 | .. | .. | .. | 08 | 08 | A | B9 |
| 984 | Eridan. | ζ 13 | 624 | 519 | 3523 | 11.0 | − 9 11 | 4.90 | 10 | .. | 12 | .. | .. | 07 | 05 | 10 | 00 | 04 | 08 | .. | .. | .. | 08 | 13 | A 5 | A3 |
| 985 | Camel. | — | 340 | 516 | .. | 11.2 | +65 17 | 4.76 | 02 | 04 | R | .. | .. | 01 | 05 | .. | .. | .. | 08 | 26b | .. | 23 | 09 | 13 | B2p | B3p |
| 986 | Perseus | — | 690 | .. | .. | 11.3 | +38 56 | 5.97 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 31b | .. | .. | .. | 43 | A | A0 |
| 987 | Perseus | 29 | 899 | 521 | .. | 11.5 | +49 51 | 5.30 | 00 | .. | .. | .. | .. | 00 | .. | .. | 05 | .. | 10 | 08b | .. | .. | R | 08 | B 3 | B3 |
| 988 | Eridan. | 14 | 627 | 523 | 3538 | 11.7 | − 9 31 | 6.16 | 08 | .. | 10 | .. | .. | 01 | .. | .. | 46 | .. | 06 | .. | .. | .. | 06 | 04 | F | F0 |
| 989 | Perseus | 31 | 902 | 522 | .. | 12.0 | +49 43 | 5.08 | 09 | .. | .. | .. | .. | 01 | 09 | .. | 12 | .. | 00 | 25b | .. | .. | R | 17 | B 3 | B3 |
| 990 | Fornax | — | 1303 | .. | 3555 | 12.0 | −31 11 | 6.62 | .. | .. | .. | .. | .. | .. | 13 | 12 | .. | .. | .. | .. | .. | .. | .. | 2. | A | B9 |
| 991 | Perseus | — | 619 | 524 | .. | 12.5 | +33 51 | 4.92 | 12 | .. | .. | .. | .. | 01 | 12 | .. | .. | .. | 03 | 04d | .. | .. | 02 | 116 | K | K0 |
| 992 | Cetus | 95 | 469 | 525 | 3573 | 13.3 | − 1 17 | 5.62 | 12 | .. | .. | .. | .. | 10 | .. | 02 | 02 | .. | 15 | .. | .. | .. | 08 | 78 | K | G5 |
| 993 | *Fornax* | — | 1216 | 527 | 3585 | 13.8 | −29 9 | 5.95 | 19 | .. | .. | 08 | .. | 07 | 04 | 22 | .. | .. | .. | .. | .. | .. | 05 | 0. | A 8 | A5- |
| 994 | Eridan. | 15 | R | 530 | 3588 | 13.9 | −22 52 | 5.05 | 03 | .. | .. | 04 | .. | 04 | .. | 04 | 05 | 21 | .. | .. | .. | .. | 05 | 50 | K | K0 |
| 995 | Aries | 59 | 540 | 526 | .. | 14.0 | +26 43 | 5.94 | 05 | .. | .. | .. | .. | 06 | .. | .. | 19 | .. | 08 | 14c | .. | .. | 04 | 41 | G 5 | G5- |
| 996 | Cetus | κ 96 | 518 | 529 | .. | 14.1 | + 3 0 | 4.96 | 01 | .. | .. | .. | .. | 05 | 06 | .. | 14 | .. | 19 | 27b | .. | .. | 04 | 64 | K | G5- |
| 997 | Eridan. | — | 651 | 531 | 3591 | 14.1 | −18 55 | 5.83 | 10 | .. | 06 | .. | .. | 00 | 06 | 20 | .. | 26 | .. | .. | .. | .. | 13 | 07 | K | F0 |
| 998 | Horol. | — | 900 | 649 | 3598 | 14.2 | −48 7 | 5.84 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 04 | 10. | K | K0 |
| 999 | Aries | — | 516 | 528 | .. | 14.3 | +28 41 | 4.72 | 01 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 12 | 18e | .. | .. | 02 | 104 | K | K5- |
| 1000 | Aries | 60 | 536 | .. | .. | 14.5 | +25 18 | 6.41 | .. | .. | 05 | 02 | .. | .. | 07 | .. | 16 | .. | .. | 11d | .. | .. | .. | 23 | G 2 | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



3h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1001 | Perseus | — | 893 | .. | .. | 14.7 | +48 43 | 6.17 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05c | .. | .. | .. | 02 | F | F5 |
| 1002 | Perseus | l 32 | 750 | 532 | .. | 14.7 | +42 58 | 4.98 | 14 | .. | .. | .. | .. | 15 | .. | .. | 08 | .. | 02 | 20b | .. | .. | 20 | 16 | A 2 | A2 |
| 1003 | Eridan. | $\tau^4$ 16 | 584 | 533 | 3607 | 15.1 | −22 7 | 3.95 | 16 | .. | .. | 16 | .. | 00 | .. | .. | 05 | 10 | .. | .. | .. | .. | 23 | 151 | Mb | Mb |
| 1004 | *Fornax* | — | 1578 | 536 | 3609 | 15.2 | −24 29 | 5.96 | 02 | .. | .. | 09 | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 65 | Ma | Ma |
| 1005 | Aries | $\tau$ 61 | 543 | 535 | .. | 15.5 | +20 47 | 5.17 | 01 | .. | .. | .. | .. | 07 | 08 | .. | 17 | .. | 25 | 41b | .. | .. | 03 | 05 | B 3 | B3 |
| 1006 | Reticuli | $\zeta^1$ | 217 | 655 | 3626 | 15.6 | −62 58 | 5.48 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 43 | .. | 10 | 9. | G | G0 |
| 1007 | Cetus | 97 | 461 | 538 | .. | 15.9 | + 3 19 | 5.76 | 26 | .. | .. | .. | .. | 08 | 17 | .. | 11 | .. | 05 | 14c | .. | .. | 21 | 57 | K | G5 |
| 1008 | Eridan. | e | 1028 | 657 | 3623 | 15.9 | −43 27 | 4.30 | .. | .. | .. | .. | 03 | 04 | 09 | 17 | .. | 10 | .. | .. | 10 | .. | 02 | 13. | G 5 | G5 |
| 1009 | Camel. | — | 391 | 534 | .. | 16.0 | +64 14 | 5.55 | 10 | .. | .. | .. | .. | 02 | 12 | .. | .. | .. | .. | 36d | .. | .. | 00 | 108 | K 5 p | K2 |
| 1010 | Reticuli | $\zeta^2$ | 265 | 658 | 3634 | 16.0 | −62 53 | 5.16 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | 32 | .. | .. | 31 | .. | 16 | 4. | F 8 | G0 |
| 1011 | Perseus | — | 899 | 537 | .. | 16.1 | +48 51 | 5.30 | 10 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 27b | .. | .. | 10 | 08 | B 5 | B3 |
| 1012 | Aries | 62 | 500 | 539 | .. | 16.2 | +27 15 | 5.64 | 05 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | 04 | 08c | .. | .. | 09 | 66 | K | K0 |
| 1013 | *Fornax* | — | 1183 | 540 | 3633 | 16.5 | −26 58 | 6.44 | 16 | .. | .. | 20 | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 01 | 04 | F 2 | F8 |
| 1014 | Reticuli | — | 217 | 660 | 3651 | 16.9 | −67 17 | 6.08 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | 63 | .. | 02 | 2. | A | A2 |
| 1015 | Aries | 63 | 551 | 542 | .. | 17.0 | +20 23 | 5.25 | 10 | .. | .. | .. | .. | 14 | 03 | .. | 03 | .. | 12 | 09d | .. | .. | 05 | 87 | K | K0 |
| 1016 | Eridan. | — | 1600 | 543 | 3641 | 17.0 | −23 59 | 5.67 | 09 | .. | .. | 02 | .. | 12 | R | .. | .. | .. | .. | .. | .. | .. | 13 | 21 | F 8 | G5 |
| 1017 | Perseus | $\alpha$ 33 | 917 | 541 | .. | 17.2 | +49 30 | 1.90 | 04 | .. | .. | .. | .. | 05 | .. | .. | 10 | .. | 03 | 26b | .. | .. | 02 | R | F 5 | F5 |
| 1018 | *Fornax* | — | 1257 | 545 | 3656 | 18.0 | −25 57 | 6.26 | 05 | .. | .. | 02 | .. | 11 | 10 | .. | .. | .. | .. | .. | .. | .. | 01 | 48 | A | A0 |
| 1019 | Perseus | — | 636 | 544 | .. | 18.2 | +33 11 | 5.64 | 01 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | .. | 40a | .. | .. | 11 | 20 | A | A0 |
| 1020 | Perseus | — | 657 | .. | .. | 18.3 | +53 35 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 39b | .. | .. | .. | 16 | A | F0 |
| 1021 | Horol. | — | 930 | .. | 3669 | 18.3 | −48 8 | 6.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | G 5 | K0 |
| 1022 | Aries | 64 | 481 | 546 | .. | 18.4 | +24 22 | 5.66 | 10 | .. | .. | .. | .. | 10 | .. | .. | 09 | .. | 00 | 02c | .. | .. | 21 | 68 | K | K0 |
| 1023 | Taurus | — | 532 | .. | .. | 18.4 | + 4 31 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 26 | A | G0 |
| 1024 | Eridan. | — | 643 | .. | 3662 | 18.4 | − 8 9 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | G0 |
| 1025 | Hydrus | $\iota$ | 134 | 663 | 3704 | 18.4 | −77 45 | 5.53 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | 08 | .. | 08 | 3. | F 2 | F2 |
| 1026 | Perseus | — | 736 | .. | .. | 18.6 | +40 54 | 6.38 | .. | .. | 01 | .. | .. | .. | 02 | .. | .. | .. | .. | 27b | .. | .. | .. | 33 | A | A0 |
| 1027 | Aries | 65 | 556 | 547 | .. | 18.7 | +20 27 | 5.92 | 37 | .. | .. | .. | .. | 31 | 07 | .. | 42 | .. | 47 | 40b | .. | .. | 17 | 22 | A | B9 |
| 1028 | Taurus | — | 473 | 548 | .. | 18.7 | +12 17 | 6.22 | 06 | .. | .. | 06 | .. | 13 | 00 | .. | .. | .. | .. | 02d | .. | .. | 07 | .. | K | G5 |
| 1029 | Perseus | — | 913 | 549 | .. | 18.9 | +48 45 | 5.91 | 04 | .. | .. | .. | .. | 04 | .. | .. | .. | .. | .. | 38b | .. | .. | 06 | 19 | A | B5 |
| 1030 | Taurus | $o$ 1 | 511 | 550 | .. | 19.4 | + 8 41 | 3.80 | 03 | .. | .. | 02 | .. | 02 | 05 | .. | 40 | 08 | 24 | 06b | .. | .. | 05 | 98 | G 5 | G5 |
| 1031 | Fornax | — | 1202 | .. | 3694 | 19.7 | −33 4 | 6.52 | .. | .. | .. | .. | .. | .. | 11 | 10 | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 1032 | Camel. | — | 201 | .. | .. | 20.0 | +71 31 | 6.83 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 36d | .. | .. | .. | .. | Ma | Ma |
| 1033 | Camel. | — | 657 | .. | .. | 20.2 | +59 54 | 6.48 | .. | .. | 03 | .. | .. | .. | 04 | .. | .. | .. | .. | 22b | .. | .. | .. | 52 | A | B8 |
| 1034 | Perseus | — | 920 | 552 | .. | 20.9 | +48 43 | 4.94 | 01 | .. | .. | 03 | .. | 04 | .. | .. | .. | .. | 11 | 29b | .. | .. | 06 | 11 | B 3 | B5 |
| 1035 | Camel. | — | 660 | 551 | .. | 21.0 | +59 36 | 4.42 | 26 | .. | .. | .. | .. | 06 | 21 | .. | .. | .. | 13 | 01c | .. | .. | 08 | 50 | B 9 | B9 p |
| 1036 | Aries | — | 484 | .. | .. | 21.4 | +18 25 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 48b | .. | .. | .. | 10 | A | A2 |
| 1037 | Perseus | — | 944 | .. | .. | 21.7 | +49 31 | 5.64 | .. | .. | 08 | .. | .. | 07 | .. | .. | .. | .. | .. | 21b | .. | .. | .. | 18 | B 5 | B5 |
| 1038 | Taurus | $\xi$ 2 | 439 | 554 | .. | 21.7 | + 9 23 | 3.75 | 02 | .. | .. | 05 | .. | 04 | .. | .. | 10 | 22 | 03 | 19b | .. | .. | 15 | 61 | B 8 | B8 |
| 1039 | Taurus | — | 477 | .. | .. | 21.8 | +12 23 | 6.20 | .. | .. | .. | 04 | .. | 04 | .. | .. | .. | .. | .. | 50b | .. | .. | .. | 28 | A | A0 |
| 1040 | Camel. | — | 607 | 553 | .. | 21.9 | +58 32 | 4.76 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 02 | 01c | .. | .. | 01 | 58 | B 9 | A0 p |
| 1041 | Perseus | — | 656 | 556 | .. | 22.0 | +33 28 | 5.60 | 11 | .. | .. | .. | .. | 03 | 09 | .. | .. | .. | .. | 38a | .. | .. | 10 | 02 | A | A0 |
| 1042 | Fornax | $\chi^1$ | 1290 | 677 | 3744 | 22.1 | −36 17 | 6.25 | .. | 06 | .. | .. | 03 | 08 | 08 | 23 | .. | .. | .. | .. | .. | .. | 00 | 2. | A | A2 |
| 1043 | Camel. | — | 608 | .. | .. | 22.2 | +59 2 | 6.06 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 40a | .. | .. | .. | 16 | A | A0 |
| 1044 | Perseus | 34 | 945 | 555 | .. | 22.2 | +49 10 | 4.67 | 10 | .. | .. | .. | .. | 14 | 04 | .. | 08 | .. | 33 | 25b | .. | .. | 13 | 23 | B 3 | B5 |
| 1045 | *Fornax* | — | 1228 | 558 | 3743 | 22.2 | −27 40 | 6.00 | 11 | .. | .. | 05 | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 02 | 33 | G | G5 |
| 1046 | Camel. | — | 684 | 557 | .. | 22.4 | +55 7 | 4.98 | 02 | .. | 07 | .. | .. | 09 | .. | .. | .. | .. | 09 | 28b | .. | .. | 07 | 22 | A 2 | A2 |
| 1047 | Perseus | — | 760 | .. | .. | 22.5 | +46 37 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 29b | .. | .. | .. | 00 | A | B5 |
| 1048 | Aries | 66 | 495 | 559 | .. | 22.6 | +22 28 | 6.11 | 03 | .. | .. | .. | .. | 03 | .. | .. | 19 | .. | .. | 06b | .. | .. | 01 | 57 | A | G5 |
| 1049 | Eridan. | — | 1115 | .. | 3757 | 22.6 | −41 59 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 92 | .. | .. | 4. | A | A0 |
| 1050 | Eridan. | — | 667 | 561 | 3767 | 23.3 | −11 38 | 5.85 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 07 | 64 | G 2 | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**3h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1051 | Perseus | — | 844 | .. | .. | 23.5 | +47 46 | 6.04 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 00a | .. | .. | .. | 40 | B 8 | $B_9$ |
| 1052 | Perseus | σ 35 | 843 | 560 | .. | 23.5 | +47 39 | 4.55 | 16 | .. | .. | .. | .. | 05 | 21 | .. | 15 | .. | 18 | 03e | .. | .. | 15 | 108 | K | $K_0$ |
| 1053 | Hydrus | — | 230 | 682 | 3801 | 23.6 | −69 59 | 6.22 | .. | .. | .. | .. | 14 | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | 5. | A 8 | $A_3$ |
| 1054 | Fornax | $\chi^2$ | 1306 | 683 | 3778 | 23.7 | −36 2 | 5.72 | .. | 04 | .. | .. | 30 | 23 | 09 | 05 | .. | .. | .. | .. | .. | .. | 42 | 13. | K | $K_0$ |
| 1055 | Camel. | — | 178 | .. | .. | 24.2 | +73 0 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 39b | .. | 09 | .. | 23 | A | $A_0$ |
| 1056 | Perseus | — | 938 | .. | .. | 24.3 | +48 51 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19b | .. | .. | .. | 41 | A | $A_0$ |
| 1057 | Perseus | — | .. | .. | .. | 24.4 | +43 34 | nov. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Pec. | Pec |
| 1058 | Fornax | $\chi^3$ | 1310 | .. | 3793 | 24.4 | −36 12 | 6.50 | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 4. | A | $A_0$ |
| 1059 | Perseus | — | 942 | .. | .. | 24.7 | +49 4 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30b | .. | .. | .. | 19 | A | $B_9$ |
| 1060 | Eridan. | — | 606 | 562 | 3802 | 24.7 | − 7 9 | 6.16 | 04 | .. | .. | .. | .. | 04 | .. | .. | .. | .. | 06 | .. | .. | .. | 06 | 41 | G 2 | $G_5$ |
| 1061 | Taurus | s 4 | 452 | 563 | .. | 24.9 | +11 0 | 5.12 | 02 | .. | .. | 04 | .. | 01 | .. | .. | 08 | .. | 19 | 34b | .. | .. | 12 | 29 | A | $A_0$ |
| 1062 | Eridan. | — | 662 | 564 | 3805 | 24.9 | −13 1 | 5.59 | 08 | .. | .. | 02 | .. | 09 | .. | .. | .. | .. | .. | .. | .. | 04 | 06 | 10 | A | $A_2$ |
| 1063 | Perseus | — | 847 | .. | .. | 25.0 | +47 41 | 5.52 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19b | .. | .. | .. | 01 | A | $B_8$ |
| 1064 | Hydrus | — | 192 | 687 | 3830 | 25.1 | −69 41 | 5.96 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | 04 | 3. | A 8 | $F_2$ |
| 1065 | Taurus | — | 515 | 565 | .. | 25.3 | +27 14 | 5.93 | 17 | .. | .. | .. | .. | 04 | 13 | .. | .. | .. | 00 | 22a | .. | .. | 13 | 21 | A | $A_0$ |
| 1066 | Taurus | f 5 | 486 | 567 | .. | 25.4 | +12 36 | 4.28 | 02 | .. | .. | 02 | .. | 00 | .. | .. | 19 | .. | 13 | 16c | .. | .. | 02 | 83 | K | $K_0$ |
| 1067 | Taurus | — | 502 | .. | .. | 25.4 | + 5 51 | 6.12 | .. | .. | .. | 09 | .. | 08 | 02 | .. | .. | .. | .. | 02c | .. | .. | .. | 37 | G 2 | $G_5$ |
| 1068 | Camel. | — | 619 | .. | .. | 25.5 | +58 26 | 6.27 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 45a | .. | .. | .. | 28 | A | $A_2$ |
| 1069 | Perseus | 36 | 778 | 566 | .. | 25.5 | +45 44 | 5.35 | 05 | .. | .. | .. | .. | 08 | 04 | .. | 10 | .. | 20 | 16b | .. | .. | 05 | 29 | F | $F_0$ |
| 1070 | Eridan. | v 17 | 674 | 571 | 3818 | 25.6 | − 5 25 | 4.80 | 05 | .. | 02 | .. | .. | 13 | .. | 14 | 40 | 05 | 08 | .. | .. | .. | 08 | 04 | A | $B_9$ |
| 1071 | Camel. | — | 730 | .. | .. | 25.7 | +57 32 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10b | .. | .. | .. | 37 | F | $F_5$ |
| 1072 | Perseus | — | 734 | 568 | .. | 25.8 | +44 32 | 6.33 | 29 | .. | 01 | .. | .. | 17 | 12 | .. | .. | .. | 43 | 28b | .. | .. | 43 | 25 | A | $B_3$ |
| 1073 | Camel. | — | 693 | 569 | .. | 26.0 | +54 38 | 5.82 | 13 | .. | .. | .. | .. | 11 | 02 | .. | .. | .. | .. | 42b | .. | .. | .. | 05 | A | $A_2$ |
| 1074 | Perseus | — | 674 | 572 | .. | 26.3 | +35 6 | 5.80 | 10 | .. | 08 | .. | .. | 13 | 03 | .. | .. | .. | 10 | 38a | .. | .. | 25 | 16 | A | $B_3$ |
| 1075 | Eridan. | — | 1085 | 691 | 3840 | 26.5 | −42 59 | 5.71 | .. | .. | .. | .. | 16 | 13 | 18 | 15 | .. | .. | .. | .. | .. | .. | 01 | 7. | A 5 | $A_8$ |
| 1076 | Eridan. | — | 1029 | .. | 3846 | 26.7 | −41 43 | 6.10 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 45 | .. | .. | 5. | F 2 | $F_5$ |
| 1077 | Camel. | — | 675 | .. | .. | 26.8 | +59 43 | 6.48 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | 16c | .. | .. | .. | 32 | F 5 | $F_5$ |
| 1078 | Perseus | — | 811 | 573 | .. | 26.9 | +39 34 | 5.80 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | 36b | .. | .. | 10 | 24 | A | $A_0$ |
| 1079 | Taurus | t 6 | 528 | 574 | .. | 27.1 | + 9 2 | 5.64 | 16 | .. | .. | 07 | .. | 10 | .. | .. | 14 | .. | 06 | 37b | .. | .. | 04 | 10 | A | $B_8$ |
| 1080 | Camel. | — | 143 | .. | .. | 27.4 | +75 24 | 6.38 | .. | .. | 14 | .. | .. | .. | 14 | .. | .. | .. | .. | 00c | .. | .. | .. | 19 | K | $G_5$ |
| 1081 | Horol. | — | 1071 | 694 | 3864 | 27.4 | −47 43 | 6.01 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | .. | .. | 13 | 5. | A | $A_0$ |
| 1082 | Fornax | — | 1333 | .. | 3862 | 27.6 | −25 57 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 53 | A | $A_0$ |
| 1083 | Reticuli | κ | 234 | 696 | 3879 | 27.6 | −63 18 | 4.80 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | 02 | .. | .. | 15 | .. | 15 | 6. | F 5 | $F_5$ |
| 1084 | Eridan. | ε 18 | 697 | 576 | 3872 | 28.2 | − 9 48 | 3.81 | 15 | .. | 12 | 07 | .. | 01 | .. | 01 | 07 | 16 | 36 | .. | .. | .. | 07 | 102 | K | $K_0$ |
| 1085 | Taurus | — | 575 | .. | .. | 28.4 | +17 31 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09c | .. | .. | .. | .. | F | $K_0$ |
| 1086 | Taurus | 7 | 473 | 577 | .. | 28.5 | +24 7 | 5.92 | 03 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | 09 | 20a | .. | .. | 02 | 08 | A | $A_2$ |
| 1087 | Perseus | ψ 37 | 857 | 578 | .. | 29.4 | +47 51 | 4.26 | 02 | .. | .. | .. | .. | 04 | 05 | .. | 06 | .. | 22 | 37b | .. | .. | 04 | 56 | B 5 p | $B_5$ p |
| 1088 | Eridan. | $\tau^5$ 19 | 628 | 579 | 3897 | 29.4 | −21 58 | 4.32 | 11 | .. | .. | 01 | .. | 03 | .. | 15 | 02 | 02 | .. | .. | .. | .. | 01 | 13 | B 8 | $B_8$ |
| 1089 | Taurus | — | 511 | .. | .. | 29.5 | + 6 5 | 6.52 | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | 22b | .. | .. | .. | 23 | F | $G_0$ |
| 1090 | Horol. | — | 1071 | 702 | 3912 | 29.6 | −50 43 | 5.60 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 00 | 12. | K | $K_0$ |
| 1091 | Eridan. | — | 704 | .. | 3905 | 29.8 | −10 12 | 6.27 | .. | .. | 09 | .. | .. | .. | 09 | .. | .. | .. | .. | .. | .. | .. | .. | 12 | A | $A_0$ |
| 1092 | Reticuli | — | 195 | 705 | 3932 | 29.8 | −66 50 | 5.78 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | 33 | .. | 08 | 0. | A | $B_8$ |
| 1093 | Fornax | — | 1450 | .. | 3913 | 29.9 | −31 25 | 6.18 | .. | .. | .. | .. | .. | .. | 05 | 05 | .. | .. | .. | .. | .. | .. | .. | 5. | F | $F_5$ |
| 1094 | Camel. | — | 826 | .. | .. | 30.5 | +56 37 | 6.27 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 29b | .. | .. | .. | 40 | A | $B_9$ |
| 1095 | Fornax | — | 1358 | .. | 3931 | 30.5 | −32 13 | 6.40 | .. | .. | .. | .. | .. | .. | 09 | 10 | .. | .. | .. | .. | .. | .. | .. | 10. | K | $K_0$ |
| 1096 | Reticuli | — | 267 | .. | 3953 | 31.0 | −61 21 | 6.29 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | G 5 | $G_5$ |
| 1097 | Perseus | — | 795 | .. | .. | 31.2 | +42 15 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33b | .. | .. | .. | 22 | A | $B_8$ |
| 1098 | Eridan. | — | 696 | 580 | 3942 | 31.2 | −11 32 | 5.69 | 10 | .. | .. | .. | .. | 01 | .. | 11 | .. | 00 | .. | .. | .. | .. | 16 | 60 | G | $G_0$ |
| 1099 | Taurus | — | 616 | .. | .. | 31.7 | + 0 16 | 6.12 | .. | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | .. | 20c | .. | .. | .. | .. | F | $G_0$ |
| 1100 | Eridan. | 20 | 699 | 582 | 3958 | 31.7 | −17 48 | 5.32 | 02 | .. | .. | .. | .. | 11 | .. | 14 | 08 | 00 | .. | .. | .. | .. | 17 | 29 | B 8 | $A_0$ p |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



3h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 1101 | Taurus | 10 | 572 | 581 | .. | 31.8 | + 0 5 | 4.40 | 05 | .. | 03 | .. | .. | 04 | 05 | .. | 15 | 20 | 09 | .. | .. | .. | 00 | 65 | G 5 | G5- |
| 1102 | Taurus | — | 586 | .. | .. | 32.2 | +15 5 | 6.47 | .. | .. | 02 | .. | .. | .. | 02 | .. | .. | .. | .. | 20b | .. | .. | .. | 33 | A | A3 |
| 1103 | Taurus | — | 602 | 584 | .. | 33.2 | +20 35 | 6.42 | 27 | .. | 03 | 10 | .. | 10 | 05 | .. | .. | .. | .. | 32b | .. | .. | 22 | 40 | A | A0 |
| 1104 | Reticuli | — | 199 | .. | 4011 | 33.3 | −66 6 | 6.76 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 51 | .. | .. | 1. | A | A2 |
| 1105 | Camel. | — | 597 | 583 | .. | 33.5 | +62 54 | 5.32 | 07 | 04 | .. | .. | .. | 04 | 02 | .. | .. | .. | 11 | 17d | .. | 22 | 12 | 134 | Mb | Ma |
| 1106 | Eridan. | y | 1008 | 722 | 4006 | 33.5 | −40 36 | 4.58 | .. | .. | .. | .. | 10 | 03 | 08 | 04 | .. | 18 | .. | .. | 18 | .. | 17 | 16. | K | K0 |
| 1107 | Cepheus | — | 51 | 575 | .. | 33.6 | +86 20 | 5.84 | 07 | .. | 07 | .. | .. | 14 | .. | .. | .. | .. | 09 | 16c | .. | .. | 08 | 63 | F | F5- |
| 1108 | Eridan. | — | 647 | 585 | 4000 | 33.6 | − 7 43 | 5.90 | 03 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 32 | .. | .. | .. | 00 | 44 | G | G5- |
| 1109 | Mensa | — | 101 | 723 | 4040 | 33.6 | −78 41 | 5.64 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 01 | 6. | K | K0 |
| 1110 | Taurus | — | 484 | 586 | .. | 33.8 | +16 13 | 6.33 | 08 | .. | .. | .. | .. | 03 | 05 | .. | .. | .. | 14 | 11c | .. | .. | 07 | 26 | G | G5- |
| 1111 | Eridan. | 21 | 713 | .. | 4008 | 34.0 | − 5 57 | 6.00 | .. | .. | .. | 12 | .. | 11 | .. | .. | 30 | .. | .. | .. | .. | .. | .. | 43 | A | G5- |
| 1112 | Camel. | — | 699 | 587 | .. | 34.5 | +59 39 | 5.98 | 05 | .. | .. | .. | .. | 08 | 12 | .. | .. | .. | .. | 29e | .. | .. | 08 | 88 | K | K0 |
| 1113 | Perseus | — | 811 | 588 | .. | 34.6 | +37 16 | 5.57 | 34 | .. | .. | 10 | .. | 05 | 18 | .. | .. | .. | 51 | 19a | .. | .. | 33 | 05 | A | B5- |
| 1114 | Fornax | τ | 1225 | .. | 4022 | 34.6 | −28 16 | 6.08 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 3. | A | A0 |
| 1115 | Taurus | 12 | 581 | 589 | .. | 34.7 | + 2 44 | 5.76 | 14 | .. | .. | 06 | .. | 16 | 02 | .. | 06 | .. | 23 | 10c | .. | .. | 14 | 12 | G 2 | G5- |
| 1116 | Eridan. | — | 591 | 590 | 4019 | 34.7 | − 3 43 | 6.44 | 10 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 03 | .. | .. | .. | 06 | 35 | K | B5- |
| 1117 | Eridan. | — | 717 | .. | R | 34.7 | −10 46 | 6.35 | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | G5- |
| 1118 | Taurus | 11 | 529 | .. | .. | 34.8 | +25 0 | 6.15 | .. | .. | 04 | 04 | .. | 01 | .. | .. | 20 | .. | .. | 05a | .. | .. | .. | 35 | A | A0 |
| 1119 | Taurus | — | 519 | .. | R | 34.9 | − 1 27 | 6.15 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | D5- |
| 1120 | Eridan. | — | 634 | .. | 4034 | 35.6 | −15 33 | 6.44 | .. | .. | 02 | .. | .. | 05 | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | G5- |
| 1121 | Eridan. | 22 | 715 | 593 | 4037 | 35.7 | − 5 32 | 5.52 | 07 | .. | 10 | .. | .. | 03 | .. | .. | 12 | .. | 11 | .. | .. | .. | 17 | 28 | A | B8 |
| 1122 | Perseus | δ 39 | 876 | 591 | .. | 35.8 | +47 28 | 3.10 | 08 | .. | .. | .. | .. | 01 | 10 | .. | 25 | .. | 01 | 21b | .. | .. | 12 | R | B 5 | B8 |
| 1123 | Perseus | o 40 | 698 | 594 | .. | 36.0 | +33 39 | 5.04 | 03 | .. | .. | 07 | .. | 01 | 11 | .. | 06 | .. | 00 | 12a | .. | .. | 04 | 07 | B 2 | B2 |
| 1124 | Camel. | — | 284 | 592 | .. | 36.5 | +66 53 | 5.84 | 02 | .. | .. | .. | .. | 04 | 06 | .. | .. | .. | 13 | 09b | .. | .. | 04 | 01 | F | F2 |
| 1125 | Eridan. | — | 689 | .. | 4056 | 36.5 | −12 7 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 27 | F | F2 |
| 1126 | Taurus | 13 | 578 | 595 | .. | 36.6 | +19 23 | 5.50 | 15 | .. | .. | .. | .. | 10 | 06 | .. | 10 | .. | 01 | 43b | .. | 24 | 25 | 19 | B 8 | B8 |
| 1127 | Perseus | — | 984 | .. | .. | 36.9 | +48 13 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17d | .. | .. | .. | 49 | K | K0 |
| 1128 | Eridan. | — | 687 | .. | 4067 | 36.9 | −19 54 | 6.48 | .. | .. | 05 | .. | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 16 | A | A0 |
| 1129 | Camel. | — | 604 | 596 | .. | 37.3 | +63 2 | 4.96 | 02 | .. | .. | .. | .. | 02 | 00 | .. | .. | .. | 24 | 04d | .. | .. | 16 | 60 | F | F5- A0 Comp |
| 1130 | Perseus | — | 804 | 597 | .. | 37.7 | +45 48 | 6.09 | 05 | .. | 03 | .. | .. | 09 | .. | .. | .. | .. | 04 | 29b | .. | .. | 01 | 01 | A | A5- |
| 1131 | Perseus | o 38 | 642 | 600 | .. | 38.0 | +31 58 | 3.94 | 07 | .. | .. | .. | .. | 06 | .. | .. | 36 | .. | 46 | 10b | .. | .. | 06 | 44 | B 1 | B1 |
| 1132 | Taurus | 14 | 582 | 601 | .. | 38.0 | +19 21 | 6.34 | 08 | .. | .. | .. | .. | 00 | 09 | .. | 06 | .. | .. | 07d | .. | .. | 29 | 07 | G | G5- |
| 1133 | Perseus | — | 742 | 599 | .. | 38.1 | +36 9 | 5.57 | 06 | .. | .. | .. | .. | 00 | 07 | .. | .. | .. | 09 | 10a | .. | 16 | 13 | 14 | A 2 p | A2 |
| 1134 | Fornax | δ | 1430 | 734 | 4101 | 38.3 | −32 15 | 4.93 | 16 | 01 | .. | .. | 01 | 01 | 04 | 18 | .. | .. | .. | .. | 28 | 10 | 13 | 8. | B 5 | B5- |
| 1135 | Perseus | ν 41 | 815 | 602 | .. | 38.4 | +42 16 | 3.93 | 07 | .. | .. | .. | .. | 03 | 03 | .. | 00 | .. | 13 | 07c | .. | .. | 07 | 84 | F 5 | F5- |
| 1136 | Eridan. | δ 23 | 728 | 604 | 4100 | 38.5 | −10 6 | 3.72 | 04 | .. | 06 | 01 | .. | 12 | .. | .. | 02 | 00 | .. | .. | .. | .. | 10 | 109 | K | K0 |
| 1137 | Taurus | — | 621 | 603 | .. | 38.6 | +20 37 | 6.03 | 18 | .. | 22 | .. | .. | 03 | .. | .. | .. | .. | 10 | 61b | .. | .. | 13 | 37 | A | B9 |
| 1138 | Camel. | — | 257 | 598 | .. | 38.8 | +70 34 | 5.40 | 09 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 09 | 16b | .. | .. | 04 | 01 | A | A0 |
| 1139 | Eridan. | — | 729 | 609 | 4108 | 38.8 | −10 48 | 5.70 | 13 | .. | 17 | .. | .. | 03 | .. | .. | .. | 02 | .. | .. | .. | .. | 15 | 13 | A | A0 |
| 1140 | Taurus | 16 | 505 | .. | .. | 38.9 | +23 59 | 5.43 | .. | .. | .. | 04 | .. | 03 | 01 | .. | 02 | .. | .. | 47b | .. | 21 | .. | 06 | B 5 | B5- |
| 1141 | Perseus | — | 811 | 606 | .. | 39.0 | +45 22 | 5.64 | 00 | .. | 03 | .. | .. | 04 | 01 | .. | .. | .. | 22 | 22b | .. | .. | 21 | 12 | A | B9 |
| 1142 | Taurus | 17 | 507 | 608 | .. | 39.0 | +23 48 | 3.81 | 01 | .. | .. | .. | .. | 01 | .. | .. | 01 | 26 | 15 | 20a | .. | .. | 03 | 22 | B 5 | B5p |
| 1143 | Eridan. | h | 1415 | 738 | 4121 | 39.1 | −37 38 | 4.64 | .. | 13 | .. | .. | 22 | 10 | 10 | 11 | .. | 02 | .. | .. | 19 | .. | 09 | 13. | K 2 | K2 |
| 1144 | Taurus | 18 | 546 | .. | .. | 39.2 | +24 32 | 5.63 | .. | .. | 18 | 17 | .. | 01 | .. | .. | 23 | .. | .. | 43b | .. | 15 | .. | 25 | B 8 | B8 |
| 1145 | Taurus | q 19 | 547 | 610 | .. | 39.3 | +24 10 | 4.37 | 07 | .. | .. | .. | .. | 07 | .. | .. | 07 | 25 | 17 | 24a | .. | .. | 03 | 35 | B 5 | B5- |
| 1146 | Eridan. | 24 | 526 | 611 | 4120 | 39.5 | − 1 29 | 5.09 | 00 | .. | .. | .. | .. | 00 | .. | .. | 09 | .. | 31 | .. | .. | 30 | 03 | 09 | B 8 | B8 |
| 1147 | Camel. | — | 824 | .. | .. | 39.7 | +55 37 | 6.04 | .. | .. | 12 | .. | .. | 07 | 05 | .. | .. | .. | .. | 20a | .. | .. | .. | 20 | A | B9 |
| 1148 | Camel. | — | 259 | 607 | .. | 39.8 | +71 1 | 4.67 | 02 | 06 | .. | .. | .. | 04 | 03 | .. | .. | .. | 13 | 17b | .. | 09 | 27 | 06 | A | A0 |
| 1149 | Taurus | 20 | 516 | 613 | .. | 39.9 | +24 4 | 4.02 | 04 | .. | .. | .. | .. | 05 | .. | .. | 02 | 32 | 06 | 09a | .. | .. | 07 | 15 | B 5 | B5- |
| 1150 | Eridan. | 25 | 593 | 614 | 4127 | 39.9 | − 0 36 | 5.84 | 14 | .. | 19 | .. | .. | 06 | .. | .. | 29 | .. | .. | .. | .. | .. | 06 | 03 | G | K2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**3h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1151 | Taurus | 21 | 553 | .. | .. | 40.0 | +24 15 | 5.85 | .. | .. | .. | 10 | .. | 01 | 08 | .. | 05 | .. | .. | 29b | .. | 07 | .. | 11 | B 8 | B8 |
| 1152 | Taurus | 22 | 556 | .. | .. | 40.1 | +24 13 | 6.46 | .. | .. | .. | A | .. | .. | .. | .. | 21 | .. | .. | 25b | .. | .. | .. | 32 | B 8 | B9 |
| 1153 | Taurus | u 29 | 539 | 616 | .. | 40.3 | + 5 44 | 5.36 | 32 | .. | .. | 05 | .. | 16 | 09 | .. | 04 | .. | 33 | 22b | .. | 15 | 19 | 12 | B 3 | B3 |
| 1154 | Mensa | — | 105 | 742 | 4181 | 40.3 | −78 39 | 6.08 | .. | .. | .. | .. | 08 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | 08 | 16. | K 5 | K0 |
| 1155 | Camel. | — | 369 | 612 | .. | 40.4 | +65 13 | 4.71 | 10 | 07 | R | R | .. | 05 | 03 | .. | .. | .. | 04 | 23e | .. | 34 | 11 | 137 | Ma | Ma |
| 1156 | Taurus | 23 | 522 | 615 | .. | 40.4 | +23 39 | 4.25 | 03 | .. | .. | 05 | .. | 03 | 05 | .. | 15 | 09 | .. | 09a | .. | 20 | 00 | 12 | B 5 | B5 |
| 1157 | Eridan. | — | 1119 | .. | 4148 | 40.6 | −40 58 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | G 2 | K0 |
| 1158 | Camel. | — | 612 | .. | .. | 40.8 | +63 0 | 5.96 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10b | .. | .. | .. | 21 | A 5 | A3 |
| 1159 | Taurus | — | 583 | .. | .. | 40.8 | + 6 30 | 6.12 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 02c | .. | .. | .. | .. | K | K0 |
| 1160 | Perseus | — | 825 | 617 | .. | 41.0 | +50 26 | 5.92 | 20 | .. | .. | .. | .. | 15 | 05 | .. | .. | .. | .. | 46b | .. | .. | 07 | 03 | A | B8 |
| 1161 | Camel. | — | 846 | .. | .. | 41.3 | +56 49 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18b | .. | .. | .. | 48 | A | B9 |
| 1162 | Eridan. | π 26 | 707 | 619 | 4159 | 41.4 | −12 25 | 4.64 | 25 | .. | .. | .. | .. | 19 | 06 | .. | 24 | 01 | .. | .. | .. | .. | 04 | 114 | Ma | Ma |
| 1163 | Perseus | — | 717 | .. | .. | 41.5 | +33 18 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 51b | .. | .. | .. | 15 | B 3 | B3 |
| 1164 | Perseus | — | 650 | .. | .. | 41.5 | +31 54 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 27c | .. | .. | .. | 05 | G | G0 |
| 1165 | Taurus | η 25 | 541 | 618 | .. | 41.5 | +23 48 | 2.96 | 04 | .. | .. | 08 | .. | 04 | .. | .. | 04 | 53 | 16 | 13a | .. | 15 | 07 | R | B 5 | B5 |
| 1166 | Camel. | — | 286 | .. | .. | 41.8 | +68 12 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15a | .. | .. | .. | 38 | A | B8 |
| 1167 | Horol. | — | 1069 | .. | 4174 | 41.8 | −48 22 | 6.45 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | G | K0 |
| 1168 | Reticuli | — | 589 | 748 | 4185 | 42.0 | −54 35 | 6.26 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | 8. | F 5 | K0 |
| 1169 | Horol. | — | 1147 | 749 | 4187 | 42.2 | −47 40 | 5.66 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | 06 | 13. | G | K0 |
| 1170 | Perseus | — | 818 | 620 | .. | 42.3 | +43 39 | 5.86 | 11 | .. | .. | .. | .. | 16 | 06 | .. | .. | .. | 03 | 37b | .. | 17 | 14 | 10 | A | F0 |
| 1171 | *Fornax* | σ | 1413 | 621 | 4184 | 42.3 | −29 38 | 5.90 | 08 | .. | .. | 01 | 10 | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 02 | 1. | A | A2 |
| 1172 | Taurus | — | 563 | .. | .. | 42.5 | +23 8 | 5.51 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32b | .. | .. | .. | 38 | B 8 | B8 |
| 1173 | Eridan. | $\tau^6$ 27 | 1565 | 623 | 4191 | 42.5 | −23 33 | 4.33 | 03 | .. | .. | 03 | .. | 00 | .. | .. | 23 | 04 | .. | .. | .. | .. | 09 | 68 | F 8 | F8 |
| 1174 | Taurus | e 30 | 486 | 622 | .. | 42.8 | +10 50 | 5.03 | 10 | .. | .. | 20 | .. | 04 | 14 | .. | 08 | .. | 06 | 29c | .. | .. | 22 | 08 | B 3 | B3 |
| 1175 | Reticuli | β | 263 | 755 | 4211 | 42.9 | −65 7 | 3.80 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | 17 | .. | .. | .. | 05 | .. | 22 10. | K | K0 |
| 1176 | Perseus | — | 801 | 624 | .. | 43.1 | +44 40 | 5.79 | 08 | .. | .. | .. | .. | 01 | 08 | .. | .. | .. | 25 | 01d | .. | .. | 14 | 39 | F | G0 |
| 1177 | Perseus | n 42 | 667 | 626 | .. | 43.2 | +32 48 | 5.10 | 10 | .. | .. | .. | .. | 10 | .. | .. | 12 | .. | 31 | 24b | .. | .. | 15 | 02 | A | A2 |
| 1178 | Taurus | 27 | 557 | 625 | .. | 43.2 | +23 45 | 3.80 | 03 | .. | .. | .. | .. | 10 | 07 | .. | 00 | 02 | 20 | 12b | .. | .. | 00 | 20 | B 8 p | B8p |
| 1179 | Fornax | — | 1494 | 756 | 4205 | 43.2 | −30 12 | 6.61 | .. | .. | .. | .. | 03 | .. | 17 | 19 | .. | .. | .. | .. | .. | .. | .. | 5. | F | F5 |
| 1180 | Taurus | 28 | 558 | .. | .. | 43.3 | +23 51 | 5.18 | .. | .. | .. | .. | .. | 01 | 02 | .. | 13 | 27 | .. | 18a | .. | .. | .. | .. | B 8 p | B8p |
| 1181 | Eridan. | $\tau^7$ 28 | 1877 | 627 | 4208 | 43.4 | −24 11 | 5.04 | 22 | .. | .. | 12 | .. | 11 | .. | .. | 14 | 02 | .. | .. | .. | .. | 16 | 78 | A 2 | A2 |
| 1182 | Eridan. | — | 602 | .. | 4204 | 43.5 | − 0 4 | 6.10 | .. | .. | 08 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21 | K | K0 |
| 1183 | Taurus | — | 563 | .. | .. | 43.8 | +23 25 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25b | .. | .. | .. | 48 | B 8 | B8 |
| 1184 | *Fornax* | ρ | 1497 | 761 | 4219 | 43.9 | −30 28 | 5.61 | 09 | 04 | .. | .. | 06 | 04 | 12 | 14 | .. | .. | .. | .. | 31 | .. | 01 | 12. | G | G5 |
| 1185 | Taurus | — | 535 | 628 | .. | 44.0 | +21 57 | 5.92 | 09 | .. | .. | .. | .. | 10 | 01 | .. | .. | .. | .. | 38a | .. | .. | 08 | 34 | A | B9 |
| 1186 | Eridan. | — | 1453 | .. | 4225 | 44.0 | −36 24 | 6.25 | .. | .. | .. | .. | .. | .. | 13 | 13 | .. | .. | .. | .. | .. | .. | .. | 3. | B 8 | B8 |
| 1187 | Eridan. | — | 703 | .. | R | 44.2 | −21 12 | 6.06 | .. | .. | .. | 00 | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11. | K | K0 |
| 1188 | Taurus | — | 624 | 629 | .. | 44.3 | +25 17 | 5.38 | 11 | .. | 17 | R | .. | 05 | .. | .. | .. | .. | 18 | 12a | .. | .. | 12 | 22 | A 3 | A3 |
| 1189 | Eridan. | f | 1297 | 764 | 4241 | 44.9 | −37 55 | 5.42 | .. | 15 | .. | .. | 17 | 17 | 06 | 19 | .. | 09 | .. | .. | 20 | .. | 05 | 7. | B | A0 |
| 1190 | Eridan. | | | 765 | 4242 | 44.9 | −37 55 | 4.86 | | | | | | | | | | | | | | | | | B 8 | B8 |
| 1191 | Perseus | — | 728 | 632 | .. | 45.5 | +34 3 | 5.73 | 03 | .. | .. | .. | .. | 06 | 09 | .. | .. | .. | 20 | 31a | .. | .. | 08 | 31 | B 3 | B3 |
| 1192 | Camel. | — | 752 | 631 | .. | 45.6 | +57 40 | 5.79 | 00 | .. | .. | .. | .. | 01 | 02 | .. | .. | .. | .. | 17b | .. | .. | 01 | 06 | A | A0 |
| 1193 | Taurus | — | 539 | 633 | .. | 45.7 | +21 44 | 6.82 | R | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | 83 | 10c | .. | .. | 62 | 05 | K | G5 |
| 1194 | Taurus | — | 516 | 634 | .. | 45.7 | +12 45 | 6.16 | 13 | .. | .. | 10 | .. | 03 | .. | .. | .. | .. | 06 | 48b | .. | .. | 01 | 40 | A | B9 |
| 1195 | Eridan. | g | 1467 | 766 | 4256 | 45.7 | −36 30 | 4.24 | .. | 13 | .. | .. | 12 | 14 | 04 | 09 | .. | 08 | .. | .. | 24 | .. | 34 | 12. | K | K0 |
| 1196 | Camel. | — | 222 | .. | .. | 45.8 | +71 31 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19b | .. | .. | .. | 18 | A | F0 |
| 1197 | Perseus | — | 582 | .. | .. | 45.8 | +30 52 | 6.22 | .. | .. | 09 | .. | .. | .. | 10 | .. | .. | .. | .. | 24b | .. | .. | .. | 17 | A | A3 |
| 1198 | Perseus | — | 1015 | .. | .. | 46.4 | +48 21 | 5.92 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 01d | .. | .. | .. | 47 | G 5 | K0 |
| 1199 | Taurus | 31 | 594 | 635 | .. | 46.6 | + 6 15 | 5.62 | 06 | .. | .. | 01 | .. | 07 | 11 | .. | 18 | .. | 25 | 43a | .. | .. | 08 | 32 | A | B9 |
| 1200 | Eridan. | — | 1476 | .. | 4286 | 46.9 | −36 43 | 6.79 | .. | .. | .. | .. | .. | .. | 09 | 09 | .. | .. | .. | .. | R | .. | .. | 3. | B 9 | B9 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



3h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1201 | Taurus | – | 523 | 636 | .. | 47.4 | +17 2 | 5.96 | 08 | .. | .. | .. | .. | 09 | .. | .. | .. | .. | 21 | 38b | .. | .. | 24 | 18 | F | F0 |
| 1202 | Eridan. | 30 | 769 | 640 | 4303 | 47.7 | − 5 39 | 5.49 | 06 | .. | 04 | .. | .. | 12 | 14 | 34 | 24 | .. | 10 | .. | .. | .. | 17 | 26 | B 8 | B8 |
| 1203 | Perseus | ζ 44 | 666 | 638 | .. | 47.8 | +31 35 | 2.91 | 19 | .. | .. | .. | .. | 04 | 15 | .. | 26 | .. | 18 | 22b | .. | .. | 14 | 95 | B 1 | B1 |
| 1204 | Camel. | – | 628 | 639 | .. | 48.6 | +62 47 | 4.87 | 12 | .. | .. | .. | .. | 10 | 02 | .. | .. | .. | 16 | 33a | .. | 15 | 13 | 14 | B 9 | B9 |
| 1205 | Camel. | – | 768 | 641 | .. | 48.6 | +60 49 | 5.22 | 13 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 02 | 10d | .. | .. | 03 | 96 | K | K0p |
| 1206 | Eridan. | – | 691 | .. | 4320 | 48.7 | −18 43 | 6.37 | .. | .. | .. | 13 | .. | 03 | 09 | .. | .. | .. | .. | .. | .. | .. | .. | 01 | G 5 | F2 |
| 1207 | Perseus | – | 912 | 642 | .. | 48.8 | +47 35 | 5.34 | 06 | .. | .. | .. | .. | 06 | .. | .. | .. | .. | 11 | 29b | .. | .. | 11 | 07 | B 5 | B5 |
| 1208 | Hydrus | γ | 276 | 779 | 4353 | 48.8 | −74 33 | 3.17 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | 16 | .. | .. | 03 | .. | 27 | 29. | Ma | Ma |
| 1209 | Perseus | X | 591 | .. | .. | 49.1 | +30 45 | var. | .. | .. | v | .. | .. | v | .. | .. | .. | .. | .. | v b | .. | .. | .. | v | F | B0p |
| 1210 | Perseus | A 43 | 860 | 643 | .. | 49.2 | +50 24 | 5.47 | 01 | .. | .. | 00 | .. | 00 | .. | .. | 37 | .. | 19 | 00c | .. | .. | 03 | 24 | F | F5 |
| 1211 | Eridan. | w 32 | 631 | 644 | 4327 | 49.2 | − 3 14 | 6.33 | 11 | .. | .. | .. | .. | 10 | .. | 00 | 32 | .. | 11 | .. | .. | .. | 19 | 73 | G p | Comp |
| 1212 | Eridan. | | | 645 | 4328 | 49.2 | − 3 14 | 4.95 | | | | | | | | | | | 12 | | | | | | | A3 |
| 1213 | Eridan. | $\tau^8$ 33 | 1945 | 646 | 4336 | 49.5 | −24 55 | 4.76 | 06 | .. | .. | 01 | 01 | 02 | .. | 10 | 16 | 01 | .. | .. | .. | .. | 01 | 20 | B 5 | B5 |
| 1214 | Eridan. | i | 1455 | 783 | 4346 | 49.8 | −35 2 | 5.12 | .. | 02 | .. | .. | 00 | 06 | 03 | 08 | .. | .. | .. | .. | 32 | .. | 04 | 6. | A | B5 |
| 1215 | Perseus | – | 768 | 647 | .. | 50.0 | +34 47 | 5.48 | 01 | .. | 06 | 04 | .. | 09 | .. | .. | .. | .. | 17 | 18b | .. | .. | 02 | 22 | B 3 | B3 |
| 1216 | Horol. | – | 1187 | 786 | 4363 | 50.5 | −47 12 | 5.77 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | 08 | 14. | F | K0 |
| 1217 | Eridan. | – | 752 | .. | 4357 | 50.6 | −12 24 | 5.94 | .. | .. | .. | .. | .. | 01 | 02 | .. | .. | 35 | .. | .. | .. | 09 | .. | 19 | A | F0 |
| 1218 | Taurus | 32 | 605 | 648 | .. | 50.9 | +22 12 | 5.76 | 04 | .. | .. | .. | .. | 04 | .. | .. | 11 | .. | 01 | 08b | .. | .. | 06 | 11 | A | F0 |
| 1219 | Eridan. | – | 1128 | 787 | 4368 | 50.9 | −40 40 | 5.61 | .. | .. | .. | .. | 06 | 04 | 06 | 05 | .. | .. | .. | .. | .. | .. | 06 | 11. | F 2 | F5 - Comp |
| 1220 | Perseus | ε 45 | 895 | 649 | .. | 51.1 | +39 43 | 2.96 | 08 | .. | .. | .. | .. | 08 | .. | .. | 01 | .. | 17 | 18a | .. | .. | 06 | R | B | B1 |
| 1221 | Taurus | 33 | 607 | .. | .. | 51.2 | +22 54 | 5.98 | .. | .. | .. | .. | .. | .. | A | .. | 18 | .. | .. | 34a | .. | .. | .. | 31 | A | B9 |
| 1222 | Taurus | – | 599 | .. | .. | 51.5 | +24 12 | 6.38 | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | .. | 09c | .. | .. | .. | 06 | K | K0 |
| 1223 | Perseus | – | 773 | .. | .. | 51.6 | +34 32 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 49a | .. | .. | .. | 22 | A | A5 |
| 1224 | Taurus | – | 564 | 651 | .. | 51.7 | + 5 45 | 6.02 | 14 | .. | .. | 12 | .. | 02 | .. | .. | .. | .. | 07 | 42a | .. | .. | 03 | 09 | A | A0 |
| 1225 | Eridan. | – | 793 | .. | 4381 | 51.8 | −10 3 | 6.16 | .. | .. | 05 | .. | .. | 10 | 05 | .. | .. | .. | .. | .. | .. | .. | .. | 44 | A | F0 |
| 1226 | Perseus | – | 827 | .. | .. | 51.9 | +38 33 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10c | .. | .. | .. | 12 | G 5 | K0 |
| 1227 | Dorado | – | 628 | 789 | 4395 | 52.0 | −52 59 | 6.42 | .. | .. | .. | .. | 13 | .. | .. | 12 | .. | .. | .. | .. | .. | .. | 12 | 1. | A | A2 |
| 1228 | Perseus | ξ 46 | 775 | 652 | .. | 52.5 | +35 30 | 4.05 | 01 | .. | .. | .. | .. | 03 | 04 | .. | 25 | .. | 26 | 23a | .. | .. | 05 | 33 | Oe 5 | Oe5 |
| 1229 | Perseus | – | 829 | .. | .. | 53.1 | +38 31 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 42a | .. | .. | .. | 42 | A | A0 |
| 1230 | Cepheus | – | 125 | 650 | .. | 53.3 | +80 26 | 5.25 | 02 | .. | 08 | .. | .. | 11 | .. | .. | .. | .. | 21 | 07c | .. | .. | 05 | 24 | F 8p | 38 - Comp A2 |
| 1231 | Eridan. | γ 34 | 781 | 653 | 4407 | 53.4 | −13 48 | 3.19 | 14 | .. | .. | 15 | .. | 22 | .. | 24 | 31 | 15 | .. | .. | .. | .. | 39 | 185 | K 5 | K5 |
| 1232 | Eridan. | – | 789 | 654 | 4416 | 53.9 | − 5 45 | 5.96 | 15 | .. | 13 | .. | .. | 05 | .. | 04 | .. | .. | 14 | .. | .. | .. | 01 | 32 | K | K0 |
| 1233 | Taurus | – | 524 | .. | .. | 54.2 | +10 2 | 6.42 | .. | .. | 05 | 10 | .. | .. | 14 | .. | .. | .. | .. | 36b | .. | .. | .. | 03 | A | F2 |
| 1234 | Perseus | – | 805 | .. | .. | 54.7 | +36 44 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33b | .. | .. | .. | 43 | A | B9 |
| 1235 | Eridan. | – | 766 | .. | 4430 | 54.8 | −12 51 | 5.90 | .. | .. | .. | 11 | .. | 10 | .. | .. | .. | 31 | .. | .. | .. | .. | .. | .. | K | G5 |
| 1236 | Reticuli | – | 275 | 801 | 4444 | 54.8 | −63 46 | 6.04 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | 14 | .. | .. | 6. | K | K0 |
| 1237 | Taurus | – | 544 | .. | .. | 54.9 | +17 0 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 44b | .. | .. | .. | 50 | A | B9 |
| 1238 | Taurus | – | 666 | 655 | .. | 55.1 | +17 55 | 5.76 | 08 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 31 | 44b | .. | .. | 06 | 06 | F | F0 |
| 1239 | Taurus | λ 35 | 539 | 657 | .. | 55.1 | +12 12 | var. | 25 | .. | .. | .. | .. | .. | .. | .. | 53 | .. | 09 | .. | .. | .. | 41 | 49 | B 3 | B3 |
| 1240 | Eridan. | $\tau^9$ 36 | 2022 | 660 | 4447 | 55.7 | −24 18 | 4.69 | 07 | .. | .. | 03 | .. | 07 | .. | 11 | 04 | 01 | .. | .. | .. | .. | 21 | 13 | A p | A0p |
| 1241 | Camel. | – | 303 | 656 | .. | 55.9 | +68 24 | 6.14 | 00 | .. | .. | 03 | .. | 06 | 08 | .. | .. | .. | .. | 28c | .. | .. | 06 | 67 | K | K2 |
| 1242 | Camel. | – | 690 | 659 | .. | 56.1 | +58 53 | 5.07 | 13 | .. | .. | .. | .. | 06 | 06 | .. | .. | .. | 07 | 20c | .. | .. | 17 | 48 | F | F0 |
| 1243 | Taurus | – | 528 | 661 | .. | 56.4 | + 9 43 | 5.68 | 21 | .. | .. | 09 | .. | 04 | 08 | .. | .. | .. | 30 | 27b | .. | .. | 22 | 07 | A | B8 |
| 1244 | Eridan. | 35 | 572 | 662 | 4458 | 56.5 | − 1 50 | 5.25 | 04 | .. | 03 | .. | .. | 13 | 02 | 19 | 05 | .. | 15 | .. | .. | .. | 05 | 20 | B 5 | B5 |
| 1245 | Reticuli | – | 606 | .. | 4476 | 56.5 | −57 23 | 6.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | F | F2 |
| 1246 | Eridan. | – | 1597 | 807 | 4468 | 56.7 | −30 46 | 5.85 | 03 | 09 | .. | .. | 09 | 21 | 03 | 09 | .. | 04 | .. | .. | .. | .. | 15 | 5. | A 2 | A0 |
| 1247 | Reticuli | δ | 290 | 809 | 4487 | 57.2 | −61 41 | 4.41 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | 41 | .. | .. | 14 | .. | 06 | 22. | Ma | Ma |
| 1248 | Camel. | – | 391 | .. | .. | 57.3 | +65 14 | 6.07 | .. | .. | 18 | .. | .. | 10 | 07 | .. | .. | .. | .. | 21b | .. | .. | .. | 03 | A | A2 |
| 1249 | Eridan. | – | 632 | 664 | 4480 | 57.5 | − 0 33 | 5.42 | 08 | .. | 06 | .. | .. | 10 | .. | 04 | .. | .. | 18 | .. | .. | .. | 02 | 59 | G | F5 |
| 1250 | Dorado | – | 975 | .. | 4494 | 57.6 | −51 51 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 23 | 12. | Ma | Ma |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**3h—4h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1251 | Taurus | ν 38 | 581 | 665 | .. | 57.8 | + 5 43 | 3.94 | 05 | .. | .. | 09 | .. | 04 | 09 | .. | 03 | 15 | 16 | 26b | .. | .. | 10 | 52 | A | A0 |
| 1252 | Taurus | 36 | 609 | 666 | .. | 58.4 | +23 50 | 5.67 | 02 | .. | .. | 16 | .. | 10 | 04 | .. | 07 | .. | 04 | 03c | .. | .. | 17 | 09 | A p | B6p |
| 1253 | Taurus | 40 | 584 | 668 | .. | 58.4 | + 5 9 | 5.33 | 02 | .. | 03 | 21 | .. | 12 | 10 | .. | 03 | .. | 23 | 39a | .. | .. | 03 | 06 | B 3 | B3 |
| 1254 | Taurus | — | 592 | 669 | .. | 58.5 | + 7 55 | 5.48 | 07 | .. | .. | 01 | .. | 07 | .. | .. | .. | .. | 32 | 32b | .. | .. | 03 | 62 | A | B0 |
| 1255 | Camel. | — | 732 | 667 | .. | 58.8 | +53 45 | 6.42 | 12 | .. | .. | .. | .. | 09 | 02 | .. | .. | .. | .. | 08d | .. | .. | .. | 16 | K | K0 |
| 1256 | Taurus | A¹37 | 585 | 670 | .. | 58.8 | +21 49 | 4.50 | 05 | .. | .. | .. | .. | 04 | .. | .. | 33 | .. | 34 | 02c | .. | .. | 20 | 74 | K | K0 |
| 1257 | Taurus | — | 645 | 672 | .. | 58.9 | + 2 33 | 5.39 | 10 | .. | .. | 07 | .. | 08 | 05 | .. | .. | .. | 32 | 17b | .. | .. | 06 | 38 | F 2 | B5 |
| 1258 | Eridan. | — | 769 | 674 | 4514 | 59.0 | −20 25 | 6.39 | 14 | .. | 12 | .. | .. | 12 | .. | 15 | .. | .. | .. | .. | .. | .. | 03 | 09 | A | B3 |
| 1259 | Eridan. | — | 770 | 675 | 4520 | 59.2 | −20 26 | 7.39 | .. | .. | .. | .. | .. | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K 5 | K2 |
| 1260 | Camel. | — | 676 | 673 | .. | 59.1 | +62 4 | 6.30 | 15 | .. | .. | .. | .. | 17 | 03 | .. | .. | .. | .. | R b | .. | .. | .. | 25 | F 5 | B0 |
| 1261 | Perseus | λ 47 | 1101 | 671 | .. | 59.1 | +50 5 | 4.33 | 21 | .. | 06 | .. | .. | 13 | 03 | .. | 17 | .. | 06 | 18b | .. | .. | 17 | 28 | A | A0 |
| 1262 | Taurus | A²39 | 587 | .. | .. | 59.4 | +21 44 | 5.96 | .. | .. | .. | 04 | .. | 06 | 10 | .. | 06 | .. | .. | 23b | .. | .. | .. | 01 | G 5 | g5 |
| 1263 | Eridan. | — | 770 | .. | 4531 | 59.5 | −16 51 | 6.49 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K2 |
| 1264 | Reticuli | γ | 312 | 821 | 4545 | 59.5 | −62 27 | 4.46 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | 06 | .. | .. | 01 | .. | 19 | 20. | Mb | Mb |
| 1265 | Eridan. | — | 806 | 676 | 4534 | 59.7 | −13 4 | 5.67 | 07 | .. | .. | .. | .. | 09 | .. | 03 | .. | 10 | .. | .. | .. | .. | 13 | .. | G | g5 |
| 1266 | Reticuli | ι | 293 | 823 | 4550 | 59.7 | −61 22 | 4.81 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | 25 | .. | .. | 04 | .. | 09 | 17. | K 5 | K5 |
| 1267 | Eridan. | — | 774 | .. | 4548 | 0.3 | −20 38 | 6.28 | .. | .. | 01 | .. | .. | 02 | R | .. | .. | .. | .. | .. | .. | .. | .. | 4. | K 5 | K0 |
| 1268 | Taurus | 41 | 633 | 677 | .. | 0.5 | +27 21 | 5.27 | 16 | .. | .. | .. | .. | 20 | 03 | .. | 03 | .. | 09 | 15a | .. | .. | 13 | 03 | A p | A0p |
| 1269 | Taurus | ψ 42 | 619 | 680 | .. | 0.8 | +28 44 | 5.29 | 12 | .. | .. | 17 | .. | 06 | .. | .. | 04 | .. | 02 | 15b | .. | .. | 11 | 19 | F | F0 |
| 1270 | Camel. | — | 759 | .. | .. | 0.9 | +59 40 | 6.46 | .. | .. | 00 | .. | .. | .. | 00 | .. | .. | .. | .. | 06d | .. | .. | .. | .. | K | K0 |
| 1271 | Octans | — | 44 | 831 | 4672 | 0.9 | −85 34 | 6.46 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | 4. | A | B9 |
| 1272 | Eridan. | — | 811 | .. | 4568 | 1.1 | − 9 8 | 6.26 | .. | .. | 11 | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | 10 | F | A2 |
| 1273 | Perseus | c 48 | 939 | 682 | .. | 1.4 | +47 27 | 4.03 | 29 | .. | .. | 13 | .. | 15 | .. | .. | 17 | .. | 27 | 30b | .. | .. | 20 | 49 | B 3 p | B3p |
| 1274 | Eridan. | — | 780 | .. | 4577 | 1.4 | −20 47 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 6. | G | g5 |
| 1275 | Eridan. | — | 1540 | 687 | 4580 | 1.4 | −27 56 | 5.57 | 11 | .. | .. | 18 | .. | 08 | 05 | 08 | .. | 03 | .. | .. | .. | .. | 29 | 1. | A 8 | A5 |
| 1276 | Camel. | — | 740 | 681 | .. | 1.5 | +54 34 | 6.28 | 21 | .. | .. | .. | .. | 15 | 05 | .. | .. | .. | .. | 12b | .. | .. | .. | 16 | F | F5 |
| 1277 | Perseus | 49 | 881 | 683 | .. | 1.7 | +37 28 | 6.20 | 04 | .. | .. | .. | .. | 03 | .. | .. | 50 | .. | .. | 08c | .. | .. | 00 | 37 | G 2 | g5 |
| 1278 | Perseus | 50 | 882 | 686 | .. | 1.9 | +37 47 | 5.59 | 07 | .. | .. | 05 | .. | 04 | 07 | .. | 14 | .. | 00 | 05b | .. | .. | 26 | 14 | F | F8 |
| 1279 | Taurus | — | 657 | .. | .. | 2.0 | +14 54 | 5.94 | .. | .. | 10 | .. | .. | 03 | 07 | .. | .. | .. | .. | 44b | .. | .. | .. | 25 | A | F0 |
| 1280 | Taurus | — | 560 | 689 | .. | 2.3 | +17 4 | 6.13 | 18 | .. | .. | .. | .. | 12 | 07 | .. | .. | .. | .. | 12d | .. | .. | 00 | 02 | K | K0 |
| 1281 | Camel. | — | 239 | 685 | .. | 2.6 | +71 52 | 6.15 | 01 | .. | .. | .. | .. | 02 | 00 | .. | .. | .. | 07 | 11c | .. | .. | 03 | 42 | K | g5 |
| 1282 | Camel. | — | 310 | 688 | .. | 2.8 | +68 16 | 6.41 | 03 | .. | .. | 00 | .. | 04 | 06 | .. | .. | .. | .. | 07c | .. | .. | 16 | 30 | K | K0 |
| 1283 | Taurus | 43 | 672 | 691 | .. | 3.3 | +19 21 | 5.67 | 15 | .. | 02 | .. | .. | 00 | 14 | .. | 04 | .. | 40 | 03d | .. | .. | 07 | 19 | G | g5 |
| 1284 | Taurus | — | 648 | .. | .. | 3.4 | +13 8 | 6.02 | .. | .. | .. | 14 | .. | 15 | .. | .. | .. | .. | .. | 30b | .. | .. | .. | 41 | A | B9 |
| 1285 | Horol. | — | 1304 | .. | 4625 | 4.1 | −43 11 | 6.37 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | G 5 | g5 |
| 1286 | Perseus | — | 807 | 692 | .. | 4.6 | +33 19 | 5.91 | 06 | .. | .. | .. | .. | 02 | 08 | .. | .. | .. | 03 | 09d | .. | .. | 09 | 58 | K | K0 |
| 1287 | Taurus | p 44 | 686 | 693 | .. | 4.7 | +26 13 | 5.55 | 08 | .. | .. | .. | .. | 08 | .. | .. | 00 | .. | 23 | 05b | .. | .. | 15 | 30 | F | F0 |
| 1288 | Eridan. | — | 796 | 695 | 4631 | 4.7 | −16 39 | 5.45 | 07 | .. | .. | 10 | .. | 14 | 18 | 11 | .. | .. | .. | .. | .. | .. | 10 | 16 | B 3 | B3 |
| 1289 | Cepheus | — | 104 | 684 | .. | 5.0 | +83 34 | 5.39 | 03 | .. | 20 | .. | .. | 22 | .. | .. | .. | .. | 16 | 48b | .. | 24 | 03 | 01 | B 3 | B3 |
| 1290 | Eridan. | 37 | 758 | 696 | 4642 | 5.5 | − 7 11 | 5.60 | 16 | .. | .. | 10 | .. | 06 | R | 19 | 60 | .. | .. | .. | .. | .. | 00 | 87 | G 5 | g5 |
| 1291 | Horol. | — | 1314 | 842 | 4649 | 5.5 | −46 8 | 6.38 | .. | .. | .. | .. | 16 | .. | .. | 16 | .. | .. | .. | .. | .. | .. | 05 | 4. | A 5 | F0 |
| 1292 | Taurus | 45 | 601 | 697 | .. | 6.0 | + 5 16 | 5.71 | 03 | .. | 00 | .. | .. | 04 | .. | .. | 09 | .. | 15 | 39b | .. | .. | 04 | 53 | F | F0 |
| 1293 | Eridan. | — | 837 | 698 | 4653 | 6.0 | − 9 5 | 5.88 | 03 | .. | 16 | .. | .. | 08 | .. | 20 | .. | .. | .. | .. | .. | .. | 08 | 53 | K | K0 |
| 1294 | Reticuli | — | 305 | .. | 4674 | 6.3 | −64 30 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | G 5 | g0 |
| 1295 | Taurus | — | 569 | 699 | .. | 6.8 | +17 2 | 6.30 | 14 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | 01d | .. | .. | 10 | 30 | K | g5 |
| 1296 | Camel. | — | 785 | .. | .. | 6.9 | +57 13 | 6.09 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09c | .. | .. | .. | 08 | A | A2 |
| 1297 | Taurus | — | 649 | 700 | .. | 7.0 | +22 9 | 6.16 | 06 | .. | .. | .. | .. | 02 | 03 | .. | .. | .. | .. | 22a | .. | .. | 04 | 30 | A | B8 |
| 1298 | Eridan. | o¹38 | 764 | 701 | 4668 | 7.0 | − 7 6 | 4.14 | 04 | .. | .. | .. | .. | 03 | R | 02 | 46 | .. | 04 | .. | .. | .. | 02 | 38 | F 5 | F2 |
| 1299 | Eridan. | — | 1588 | .. | 4678 | 7.0 | −35 32 | 6.35 | .. | .. | .. | .. | .. | .. | 11 | 11 | .. | .. | .. | .. | .. | .. | .. | 6. | K | g5 |
| 1300 | Eridan. | — | 801 | 706 | 4677 | 7.2 | −20 37 | 5.80 | 23 | .. | 02 | 17 | .. | 03 | .. | R | .. | .. | .. | .. | .. | .. | 05 | 09 | A | A0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



4h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1301 | Perseus | – | 897 | 703 | .. | 7.4 | +37 43 | 6.55 | 18 | .. | .. | 19 | .. | 02 | 04 | .. | .. | .. | .. | 15c | .. | .. | 30 | 12 | G 5 | $G_5$ |
| 1302 | Horol. | δ | 1400 | 850 | 4686 | 7.4 | −42 15 | 4.85 | .. | .. | .. | .. | 07 | 03 | 03 | 07 | .. | 17 | .. | .. | 25 | .. | 27 | 3. | F | $F_0$ |
| 1303 | Perseus | μ 51 | 1063 | 702 | .. | 7.6 | +48 9 | 4.28 | 05 | .. | .. | 02 | .. | 02 | .. | .. | 02 | .. | 11 | 02d | .. | .. | 05 | 88 | G | $G_0$ |
| 1304 | Cepheus | – | 113 | 694 | .. | 8.0 | +83 6 | 5.70 | 06 | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | 11 | 02c | .. | .. | 00 | 34 | G 5 | $G_5$ |
| 1305 | Camel. | – | 687 | 705 | .. | 8.1 | +61 36 | 5.64 | 02 | 02 | .. | .. | .. | 03 | 02 | .. | .. | .. | 01 | 33b | .. | 05 | 09 | 15 | A | $B_8$ |
| 1306 | Perseus | f 52 | 912 | 707 | .. | 8.1 | +40 14 | 4.89 | 05 | .. | 03 | .. | .. | 09 | .. | .. | 09 | .. | 04 | 12d | .. | .. | 01 | 116 | F | $F_0$ ... Comp $A_5$ |
| 1307 | Taurus | – | 549 | .. | .. | 8.1 | + 9 58 | 6.25 | .. | .. | 07 | .. | .. | .. | 07 | .. | .. | .. | .. | 39b | .. | .. | .. | 09 | A | $B_8$ |
| 1308 | Taurus | – | 651 | .. | .. | 8.1 | + 8 38 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 45b | .. | .. | .. | 04 | A | $A_3$ |
| 1309 | Taurus | 46 | 617 | 708 | .. | 8.2 | + 7 28 | 5.35 | 07 | .. | .. | 15 | .. | 07 | .. | .. | 05 | .. | 08 | 15b | .. | .. | 00 | 40 | A | $F_0$ |
| 1310 | Taurus | – | 564 | 710 | .. | 8.3 | +12 30 | 6.49 | 11 | .. | .. | 07 | .. | 18 | .. | .. | .. | .. | .. | 03d | .. | .. | 19 | 12 | G 5 | $K_0$ |
| 1311 | Taurus | 47 | 652 | 712 | .. | 8.5 | + 9 1 | 4.98 | 01 | .. | .. | 01 | .. | 01 | .. | .. | 19 | .. | 12 | 07c | .. | .. | 02 | 93 | G 5 | $G_5$ |
| 1312 | Eridan. | – | 600 | .. | 4700 | 8.6 | − 1 24 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14 | A | $B_5$ |
| 1313 | Camel. | – | 787 | 709 | .. | 8.8 | +57 37 | 5.80 | 06 | .. | .. | .. | .. | 00 | 06 | .. | .. | .. | .. | 01c | .. | .. | .. | 23 | K | $K_0$ |
| 1314 | Camel. | – | 750 | 711 | .. | 8.9 | +53 22 | 5.12 | 08 | .. | .. | 02 | .. | 07 | 01 | .. | .. | .. | 01 | 31b | .. | .. | 07 | 04 | A 2 | $A_2$ |
| 1315 | Taurus | – | 550 | 713 | .. | 9.2 | + 9 46 | 5.15 | 10 | .. | .. | 00 | .. | 09 | 02 | .. | .. | .. | 12 | 27b | .. | .. | 05 | 13 | A | $B_8$ |
| 1316 | Horol. | – | 1450 | 855 | 4729 | 9.4 | −44 37 | 6.66 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | 56 | .. | .. | 9. | K 5 | $K_0$ |
| 1317 | Cepheus | – | 133 | 704 | .. | 9.6 | +80 35 | 5.58 | 09 | .. | 05 | .. | .. | 15 | .. | .. | .. | .. | 33 | 02d | .. | .. | 09 | 58 | K | $K_0$ |
| 1318 | Eridan. | A 39 | 867 | 714 | 4725 | 9.6 | −10 30 | 5.13 | 20 | .. | 25 | .. | .. | 04 | .. | R | 23 | .. | .. | .. | .. | .. | 23 | 96 | K | $K_0$ |
| 1319 | Taurus | 48 | 603 | 715 | .. | 10.1 | +15 9 | 6.35 | 04 | .. | 14 | .. | .. | 18 | .. | .. | 85 | .. | 16 | 26b | .. | .. | 03 | 16 | F | $F_5$ |
| 1320 | Taurus | μ 49 | 657 | 716 | .. | 10.1 | + 8 39 | 4.32 | 04 | .. | .. | 07 | .. | 03 | .. | .. | 18 | .. | 02 | 22b | .. | .. | 17 | 04 | B 5 | $B_3$ |
| 1321 | Taurus | – | 613 | 717 | .. | 10.1 | + 5 57 | 7.16 | 00 | .. | .. | .. | .. | 25 | 24 | .. | .. | 21 | .. | 00b | .. | .. | .. | .. | F 5 | $F_0$ |
| 1322 | Taurus | – | 614 | 718 | .. | 10.2 | + 5 57 | 6.54 | | | | 08 | .. | | 24 | | .. | 29 | .. | 02b | | | 10 | 49 | | $F_0$ |
| 1323 | Horol. | – | 1286 | .. | 4747 | 10.2 | −40 37 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K | $G_5$ |
| 1324 | Perseus | b | 1150 | 719 | .. | 10.7 | +50 3 | 4.57 | 00 | .. | 15 | .. | .. | 07 | 07 | .. | .. | .. | 23 | 29b | .. | .. | 03 | 32 | A 2 | $A_2$ |
| 1325 | Eridan. | $o^2$ 40 | 780 | 721 | 4751 | 10.7 | − 7 49 | 4.48 | 03 | .. | .. | .. | .. | 02 | .. | R | 05 | 02 | 06 | .. | .. | .. | 16 | 71 | G 5 | $G_5$ |
| 1326 | Horol. | α | 1425 | 858 | 4757 | 10.7 | −42 32 | 3.83 | .. | .. | .. | .. | 04 | 07 | 06 | 05 | .. | 03 | .. | .. | 17 | .. | 12 | 21. | K | $K_0$ |
| 1327 | Camel. | – | 433 | 720 | .. | 11.2 | +64 54 | 5.40 | 08 | .. | .. | 05 | .. | 03 | .. | .. | .. | .. | 04 | 04c | .. | .. | 15 | 46 | F | $G_0$ |
| 1328 | Perseus | – | 844 | .. | .. | 11.2 | +41 54 | 6.12 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 29b | .. | .. | .. | 02 | A | $B_8$ |
| 1329 | Taurus | ω 50 | 724 | 722 | .. | 11.4 | +20 20 | 4.80 | 15 | .. | .. | .. | .. | 10 | 04 | .. | 13 | .. | 28 | 40b | .. | .. | 00 | 34 | A 5 | $A_3$ |
| 1330 | Perseus | – | 1155 | 723 | .. | 11.7 | +49 48 | 5.54 | 06 | .. | 12 | .. | .. | 03 | 02 | .. | .. | .. | .. | 17c | .. | .. | 04 | 10 | A | $A_5$ |
| 1331 | Taurus | 51 | 618 | 725 | .. | 12.4 | +21 20 | 5.56 | 13 | .. | .. | 16 | .. | 03 | .. | .. | 11 | .. | .. | 26b | .. | .. | 06 | 26 | A 5 | $A_5$ |
| 1332 | Eridan. | – | 862 | 726 | 4790 | 12.4 | − 6 43 | 6.09 | 02 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 16 | .. | .. | .. | 12 | 53 | G 5 | $K_0$ |
| 1333 | Perseus | – | 973 | 724 | .. | 12.6 | +50 41 | 5.54 | 14 | .. | 33 | .. | .. | 17 | 03 | .. | .. | .. | 00 | 20b | .. | .. | 13 | 24 | B 8 | $B_3$ |
| 1334 | Taurus | – | 558 | .. | .. | 13.0 | + 9 15 | 6.49 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 37b | .. | .. | .. | 23 | A | $A_2$ |
| 1335 | Camel. | – | 800 | 727 | .. | 13.1 | +60 30 | 5.67 | 03 | .. | .. | 04 | .. | 00 | .. | .. | .. | .. | 05 | 23d | .. | .. | 12 | 90 | K | $K_0$ |
| 1336 | Reticuli | α | 332 | 868 | 4812 | 13.1 | −62 43 | 3.36 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 21 | .. | .. | 16 | .. | 04 | 6. | G 5 | $G_5$ |
| 1337 | Perseus | – | 852 | .. | .. | 13.4 | +41 35 | 6.12 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06c | .. | .. | .. | 54 | F 2 | $G_5$ |
| 1338 | Dorado | γ | 1066 | 869 | 4811 | 13.4 | −51 44 | 4.36 | .. | .. | .. | .. | 05 | .. | .. | 04 | .. | 02 | .. | .. | .. | .. | 04 | 6. | F 5 | $F_5$ |
| 1339 | Taurus | 53 | 733 | 731 | .. | 13.5 | +20 55 | 5.39 | 13 | .. | 17 | .. | .. | 03 | .. | .. | 04 | .. | 37 | 41a | .. | .. | 09 | 09 | B 8 | $B_8$ |
| 1340 | Reticuli | – | 334 | 870 | 4820 | 13.5 | −62 26 | 5.40 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | .. | .. | 10 | 10. | K | $K_0$ |
| 1341 | Taurus | 56 | 623 | 732 | .. | 13.6 | +21 32 | 5.32 | 09 | .. | .. | .. | .. | 09 | .. | .. | 03 | .. | 33 | 32a | .. | .. | 08 | 18 | A p | $A_p$ |
| 1342 | Camel. | – | 905 | 730 | .. | 13.7 | +56 16 | 5.90 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 22 | 23a | .. | 13 | 00 | 06 | A | $A_2$ |
| 1343 | Perseus | 54 | 860 | 733 | .. | 13.9 | +34 20 | 5.10 | 00 | .. | .. | .. | .. | 03 | 02 | .. | 00 | .. | 21 | 08c | .. | .. | 00 | 70 | G 5 | $G_5$ |
| 1344 | Perseus | – | 757 | .. | .. | 13.9 | +31 44 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03d | .. | .. | .. | .. | K | $K_5$ |
| 1345 | Eridan. | – | 831 | .. | 4813 | 14.0 | −20 57 | 6.36 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10. | Ma | Mb |
| 1346 | Taurus | γ 54 | 612 | 737 | .. | 14.1 | +15 23 | 3.86 | 00 | .. | .. | 05 | .. | 04 | .. | .. | 19 | .. | 31 | 12c | .. | .. | 05 | 99 | G | $K_0$ |
| 1347 | Eridan. | R 41 | 1614 | 872 | 4821 | 14.1 | −34 3 | 3.59 | 27 | 05 | .. | .. | 17 | 01 | 04 | 08 | 29 | .. | .. | .. | 19 | 02 | 06 | 5. | B 9 | $B_9$ |
| 1348 | Taurus | φ 52 | 655 | 736 | .. | 14.2 | +27 7 | 5.06 | 03 | .. | .. | .. | .. | 04 | 07 | .. | 04 | .. | 15 | 00d | .. | .. | 11 | 59 | K | $K_0$ |
| 1349 | Taurus | – | 562 | .. | .. | 14.2 | + 9 53 | 6.62 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17d | .. | .. | .. | .. | K | $K_0$ |
| 1350 | Perseus | d 53 | 872 | 735 | .. | 14.3 | +46 16 | 4.89 | 03 | .. | .. | .. | .. | 04 | 06 | .. | 09 | .. | 06 | 11b | .. | 09 | 01 | 19 | B 3 | $B_3$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....



**4h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1351 | Taurus | h 57 | 663 | 738 | .. | 14.3 | +13 48 | 5.59 | 08 | .. | .. | .. | .. | 12 | 05 | .. | 14 | .. | 18 | 13b | .. | .. | 19 | 06 | A | F0 |
| 1352 | Camel. | — | 793 | 734 | .. | 14.4 | +59 23 | 6.15 | 16 | .. | 06 | .. | .. | 15 | 06 | .. | .. | .. | 15 | 19a | .. | .. | 10 | 25 | A | A0 |
| 1353 | Eridan. | — | 1856 | 741 | 4822 | 14.4 | −23 13 | 6.08 | 06 | .. | .. | 00 | .. | 05 | R | .. | .. | .. | .. | .. | .. | .. | 03 | 16 | A | A3 |
| 1354 | Taurus | — | 624 | 739 | .. | 14.6 | +18 29 | 5.96 | 08 | .. | .. | .. | .. | 05 | 04 | .. | .. | .. | .. | 47b | .. | .. | 17 | 05 | F | F0 |
| 1355 | Reticuli | ε | 324 | 874 | 4840 | 14.7 | −59 32 | 4.42 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | 41 | .. | .. | 08 | .. | 22 | 10. | K 2 | K2 |
| 1356 | Taurus | 58 | 682 | 742 | .. | 14.9 | +14 52 | 5.27 | 15 | .. | .. | 00 | .. | 07 | 09 | .. | 12 | .. | .. | 17b | .. | 10 | 02 | 06 | A | F0 |
| 1357 | Reticuli | — | 317 | 876 | 4845 | 14.9 | −61 11 | 6.32 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | .. | .. | .. | 57 | .. | 03 | 3. | A | A0 |
| 1358 | Taurus | — | 665 | .. | .. | 15.2 | +13 38 | 6.14 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33c | .. | .. | .. | 01 | F 8 | F2 |
| 1359 | Eridan. | — | 1626 | .. | 4841 | 15.2 | −34 8 | 6.34 | .. | .. | .. | .. | .. | .. | 00 | 00 | .. | .. | .. | .. | .. | .. | .. | 3. | A 2 | A2 |
| 1360 | Taurus | — | 631 | 743 | .. | 15.3 | + 5 54 | 5.90 | 08 | .. | .. | 01 | .. | 09 | .. | .. | .. | .. | 12 | 09c | .. | .. | 10 | 69 | K | G5 |
| 1361 | Taurus | — | 672 | .. | .. | 15.4 | + 8 59 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 31b | .. | .. | .. | 19 | A | A3 |
| 1362 | Eridan. | — | 875 | 744 | 4849 | 15.7 | − 6 29 | 6.33 | 07 | .. | .. | 11 | .. | 19 | 15 | .. | .. | .. | 06 | .. | .. | .. | 07 | 06 | G | G5 |
| 1363 | Eridan. | — | 798 | 746 | 4852 | 15.9 | − 7 50 | 5.72 | 09 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 05 | .. | .. | .. | 03 | 33 | A | B8 |
| 1364 | Horol. | — | 1503 | 878 | 4859 | 16.1 | −44 30 | 5.12 | .. | .. | .. | .. | 07 | 10 | 02 | 20 | .. | .. | .. | .. | 07 | .. | 28 | 17. | K | K0 |
| 1365 | Dorado | — | 679 | 881 | 4868 | 16.2 | −53 6 | 6.00 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | 35 | 7. | F 5 | F5 |
| 1366 | Eridan. | — | 687 | .. | 4855 | 16.3 | − 0 19 | 6.08 | .. | .. | 05 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | K2 |
| 1367 | Eridan. | — | 831 | 749 | 4858 | 16.3 | −20 52 | 5.31 | 03 | .. | 05 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 04 | 12 | A | A0 |
| 1368 | Taurus | 60 | 668 | 748 | .. | 16.4 | +13 50 | 5.76 | 01 | .. | .. | .. | .. | 03 | 02 | .. | 31 | .. | 16 | 14b | .. | .. | 12 | 08 | A | A3 |
| 1369 | Taurus | χ 59 | 707 | 747 | .. | 16.5 | +25 23 | 5.38 | 08 | .. | .. | .. | .. | 08 | .. | .. | 22 | .. | 31 | 15b | .. | 17 | 12 | 06 | B 9 | B9 |
| 1370 | Taurus | — | 744 | .. | .. | 16.5 | +20 35 | 6.11 | .. | .. | 04 | .. | .. | 01 | 04 | .. | .. | .. | .. | 06e | .. | .. | .. | .. | K | K5 -- Comp. |
| 1371 | Perseus | — | 946 | .. | .. | 16.6 | +42 12 | 5.98 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 54b | .. | .. | .. | 28 | A | B9 |
| 1372 | Reticuli | — | 316 | 883 | 4880 | 16.6 | −63 30 | 6.06 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | 41 | .. | 04 | 7. | A | B9 |
| 1373 | Taurus | δ 61 | 712 | 750 | .. | 17.2 | +17 18 | 3.93 | 05 | .. | .. | 01 | .. | 06 | .. | .. | 22 | .. | 03 | 23c | .. | .. | 10 | 107 | K | K0 |
| 1374 | Eridan. | — | 1642 | .. | 4883 | 17.3 | −25 57 | 5.88 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 7. | A 8 | F0 |
| 1375 | Taurus | — | 751 | 751 | .. | 17.6 | +20 45 | 5.92 | 04 | .. | 13 | .. | .. | 08 | .. | .. | .. | .. | 13 | 48a | .. | .. | 12 | 23 | A | B8 |
| 1376 | Taurus | 63 | 586 | 752 | .. | 17.7 | +16 32 | 5.68 | 07 | .. | .. | .. | .. | 09 | 02 | .. | 18 | .. | .. | 25b | .. | .. | 43 | 13 | A 2 | A2 |
| 1377 | Perseus | 55 | 853 | 753 | .. | 18.0 | +33 54 | 5.58 | 02 | .. | .. | .. | .. | 11 | 08 | .. | 02 | .. | 11 | 46b | .. | .. | 02 | 01 | A | B8 |
| 1378 | Taurus | 62 | 684 | 754 | .. | 18.0 | +24 4 | 6.16 | 02 | .. | .. | 00 | .. | 02 | .. | .. | 76 | .. | 05 | 39b | .. | .. | 19 | 12 | A | B8 |
| 1379 | Perseus | 56 | 854 | 755 | .. | 18.1 | +33 44 | 5.81 | 07 | .. | .. | .. | .. | 02 | 04 | .. | 11 | .. | .. | 39b | .. | .. | 11 | 04 | F 2 | F5 |
| 1380 | Taurus | 64 | 714 | 756 | .. | 18.4 | +17 13 | 4.84 | 10 | .. | .. | .. | .. | 10 | .. | .. | 06 | .. | 13 | 28b | .. | .. | 14 | 26 | A 2 | A5 |
| 1381 | Taurus | r 66 | 570 | 757 | .. | 18.4 | + 9 14 | 5.06 | 06 | .. | .. | .. | .. | 05 | .. | .. | 36 | .. | 15 | 34b | .. | .. | 01 | 20 | A | A2 |
| 1382 | Camel. | — | 800 | .. | .. | 18.7 | +57 22 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25a | .. | .. | .. | 25 | A | A0 |
| 1383 | Eridan. | ξ 42 | 818 | 758 | 4903 | 18.7 | − 3 58 | 5.23 | 05 | .. | 06 | 17 | .. | 07 | R | .. | 13 | 14 | 13 | .. | .. | .. | 08 | 03 | 08 | A 2 | A2 |
| 1384 | Eridan. | — | 1862 | 759 | 4911 | 18.9 | −25 7 | 5.98 | 12 | .. | .. | 06 | 26 | 10 | 18 | .. | .. | .. | .. | .. | .. | .. | 12 | 14. | K 5 | K5 |
| 1385 | Taurus | — | 633 | .. | .. | 19.1 | +18 49 | 5.96 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 42c | .. | .. | .. | 15 | F | F0 |
| 1386 | Eridan. | — | 1687 | .. | 4926 | 19.4 | −35 46 | 6.39 | .. | .. | .. | .. | .. | .. | 19 | 19 | .. | .. | .. | .. | 34 | .. | .. | 9. | K | G5 |
| 1387 | Taurus | κ 65 | 642 | 760 | .. | 19.4 | +22 4 | 4.36 | 22 | .. | .. | .. | .. | 22 | .. | .. | 42 | .. | 24 | 22b | .. | .. | 24 | 04 | A 3 | A3 |
| 1388 | Taurus | 67 | 643 | 761 | .. | 19.5 | +21 58 | 5.42 | 06 | .. | .. | .. | .. | 05 | .. | .. | 02 | .. | .. | 11b | .. | .. | 08 | 15 | A 2 | F0 |
| 1389 | Taurus | 68 | 719 | 763 | .. | 19.7 | +17 42 | 4.24 | 00 | .. | .. | .. | .. | 07 | 07 | .. | 11 | .. | 24 | 30b | .. | .. | 31 | 49 | A | A2 |
| 1390 | Perseus | — | 776 | 762 | .. | 19.8 | +31 13 | 5.33 | 07 | .. | .. | .. | .. | 03 | 09 | .. | .. | .. | 31 | 11c | .. | .. | 12 | 78 | G 5 | K0 |
| 1391 | Taurus | 70 | 621 | .. | .. | 20.0 | +15 43 | 6.39 | .. | .. | A | .. | .. | .. | .. | .. | 01 | .. | .. | 35c | .. | .. | .. | 05 | A | F8 |
| 1392 | Taurus | υ 69 | 696 | 764 | .. | 20.3 | +22 35 | 4.40 | 15 | .. | .. | .. | .. | 16 | .. | .. | 40 | .. | 24 | 12c | .. | .. | 10 | 33 | A 5 | A5 |
| 1393 | Eridan. | d 43 | 1664 | 894 | 4940 | 20.3 | −34 15 | 4.06 | 03 | 14 | .. | .. | 12 | 09 | 16 | 21 | 06 | 19 | .. | .. | 41 | .. | 02 | 16. | K 5 | K5 |
| 1394 | Taurus | 71 | 625 | 765 | .. | 20.6 | +15 23 | 4.60 | 01 | .. | .. | .. | .. | 06 | 04 | .. | 30 | .. | 43 | 20b | .. | .. | 00 | 19 | A | A5 |
| 1395 | Reticuli | η | 324 | 898 | 4962 | 20.8 | −63 37 | 5.18 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | 07 | .. | 22 | 12. | G 5 | K0 |
| 1396 | Taurus | π 73 | 697 | 768 | .. | 20.9 | +14 29 | 4.94 | 03 | .. | .. | .. | .. | 03 | .. | .. | 01 | .. | 15 | 06d | .. | .. | 06 | 59 | G 5 | K0 |
| 1397 | Taurus | — | 687 | .. | .. | 21.0 | + 8 22 | 5.99 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 51b | .. | .. | .. | 14 | A | B5 |
| 1398 | Eridan. | — | 1704 | 899 | 4957 | 21.2 | −34 58 | 6.55 | .. | .. | .. | .. | 04 | .. | 07 | 11 | .. | .. | .. | .. | 45 | .. | .. | 1. | F 2 | F5 |
| 1399 | Taurus | 72 | 699 | 769 | .. | 21.3 | +22 46 | 5.41 | 04 | .. | .. | .. | .. | 04 | .. | .. | 26 | .. | 24 | 35a | .. | .. | 34 | 04 | B 5 | B5 |
| 1400 | Taurus | | 753 | .. | .. | 21.8 | + 1 52 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05b | .. | .. | .. | 25 | K | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



4h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 1401 | Camel. | — | 227 | 767 | .. | 21.9 | +72 20 | 5.97 | 03 | 01 | .. | .. | .. | 00 | 01 | .. | .. | .. | 06 | 19b | .. | 00 | 05 | 12 | A 5 |
| 1402 | Taurus | — | 577 | 771 | .. | 22.0 | +10 59 | 5.84 | 01 | .. | 11 | .. | .. | 09 | .. | .. | .. | .. | 23 | 27b | .. | .. | 24 | 27 | A |
| 1403 | Taurus | — | 647 | 770 | .. | 22.1 | +21 24 | 5.74 | 06 | .. | .. | .. | .. | 06 | .. | .. | .. | .. | 26 | 24b | .. | .. | 41 | 08 | A |
| 1404 | Caelum | — | 1546 | .. | 4974 | 22.2 | −44 23 | 6.23 | .. | .. | .. | .. | .. | .. | 23 | 23 | .. | .. | .. | .. | .. | .. | 12 | 2. | F 8 |
| 1405 | Dorado | — | 659 | .. | 4985 | 22.3 | −57 17 | 6.54 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 64 | .. | .. | 6. | G |
| 1406 | Taurus | — | 665 | 772 | .. | 22.5 | +30 9 | 6.26 | 03 | .. | 05 | .. | .. | 01 | 03 | .. | .. | .. | .. | R | .. | .. | 11 | 14 | G |
| 1407 | Taurus | 75 | 605 | 774 | .. | 22.7 | +16 8 | 5.29 | 05 | .. | .. | .. | .. | 05 | .. | .. | 01 | .. | .. | 05d | .. | .. | 09 | 100 | K |
| 1408 | Taurus | 76 | 702 | .. | .. | 22.7 | +14 30 | 5.97 | .. | .. | 07 | .. | .. | 07 | .. | .. | 07 | .. | .. | 22b | .. | .. | .. | 01 | A 5 |
| 1409 | Taurus | ε 74 | 640 | 773 | .. | 22.8 | +18 58 | 3.63 | 04 | .. | .. | .. | .. | 04 | 09 | .. | 17 | .. | 06 | 25c | .. | .. | 08 | 120 | K |
| 1410 | Eridan. | — | 2343 | .. | 4982 | 22.8 | −24 18 | 6.14 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 5. | A |
| 1411 | Taurus | $\theta^1$ 77 | 631 | 775 | .. | 22.8 | +15 44 | 4.04 | 12 | .. | .. | .. | .. | 13 | .. | .. | 34 | .. | 09 | 11d | .. | .. | 14 | 160 | K |
| 1412 | Taurus | $\theta^2$ 78 | 632 | 776 | .. | 22.9 | +15 39 | 3.62 | 00 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | 03 | 06b | .. | .. | 02 | 17 | A 5 |
| 1413 | Eridan. | — | 755 | .. | .. | 22.9 | + 1 38 | 6.12 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32b | .. | .. | .. | 35 | G 5 |
| 1414 | Taurus | b 79 | 598 | 777 | .. | 23.2 | +12 49 | 5.12 | 04 | .. | .. | 06 | .. | 02 | .. | .. | 08 | .. | 06 | 29b | .. | .. | 08 | 06 | A 5 |
| 1415 | Eridan. | 44 | 757 | 778 | .. | 23.4 | + 1 9 | 5.50 | 06 | .. | 01 | .. | .. | 08 | 02 | .. | 20 | .. | 14 | 18b | .. | .. | 20 | 18 | A |
| 1416 | Reticuli | — | 335 | .. | 5016 | 23.7 | −61 28 | 5.58 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17 | .. | .. | 20. | K 5 |
| 1417 | Camel. | 1 | 779 | 779 | .. | 24.1 | +53 42 | 5.42 | 07 | .. | .. | .. | .. | 09 | 01 | .. | 18 | .. | 06 | R | .. | .. | 23 | 04 | B 1 |
| 1418 | Caelum | — | 1383 | 909 | 5017 | 24.1 | −47 10 | 6.18 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | 43 | .. | 36 | 3. | F 2 |
| 1419 | Perseus | — | 806 | .. | .. | 24.2 | +32 14 | 6.19 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23a | .. | .. | .. | 27 | A |
| 1420 | Taurus | — | 583 | .. | .. | 24.3 | +10 18 | 6.61 | .. | .. | 06 | .. | .. | 13 | 07 | .. | .. | .. | .. | 49b | .. | .. | .. | 65 | A |
| 1421 | Eridan. | — | 931 | .. | 5013 | 24.3 | −19 40 | 6.10 | .. | .. | 00 | .. | .. | 06 | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 9. | G 5 |
| 1422 | Taurus | 80 | 636 | 780 | .. | 24.4 | +15 25 | 5.70 | 15 | .. | .. | 04 | .. | 12 | .. | .. | 08 | .. | .. | 23b | .. | .. | .. | 14 | A |
| 1423 | Eridan. | — | 893 | 782 | 5014 | 24.5 | −13 17 | 5.50 | 19 | .. | .. | .. | .. | 15 | 14 | 19 | .. | .. | .. | .. | .. | .. | 20 | 28 | B 3 |
| 1424 | Perseus | — | 1013 | .. | .. | 24.6 | +39 48 | 6.26 | .. | .. | 01 | .. | .. | .. | 02 | .. | .. | .. | .. | Rb | .. | 06 | .. | 24 | A |
| 1425 | Taurus | — | 590 | .. | .. | 24.6 | +10 1 | 6.55 | .. | .. | 07 | .. | .. | 07 | 01 | .. | .. | .. | .. | 17c | .. | .. | .. | 31 | K |
| 1426 | Mensa | δ | 116 | 911 | 5090 | 24.7 | −80 27 | 5.62 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | 42 | .. | 20 | 9. | K |
| 1427 | Taurus | — | 637 | 783 | .. | 24.8 | +15 59 | 4.84 | 10 | .. | .. | 07 | .. | 07 | 08 | .. | .. | .. | 25 | 18b | .. | .. | 06 | 27 | A 5 |
| 1428 | Taurus | 81 | 639 | 781 | .. | 24.9 | +15 29 | 5.49 | 00 | .. | .. | 15 | .. | 17 | 03 | .. | 01 | .. | .. | 17b | .. | .. | .. | 20 | F |
| 1429 | Caelum | — | 1510 | .. | 5034 | 24.9 | −42 11 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | Ma |
| 1430 | Taurus | 83 | 690 | 784 | .. | 25.0 | +13 31 | 5.49 | 06 | .. | .. | .. | .. | 11 | 04 | .. | 02 | .. | 13 | 17b | .. | .. | 09 | 06 | A |
| 1431 | Eridan. | — | 896 | .. | 5039 | 25.6 | −13 49 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F |
| 1432 | Taurus | 85 | 645 | .. | .. | 26.2 | +15 38 | 6.04 | .. | .. | 03 | .. | .. | 02 | .. | .. | 06 | .. | .. | 28b | .. | .. | .. | 05 | F |
| 1433 | Caelum | — | 1427 | 917 | 5066 | 26.3 | −46 44 | 6.20 | .. | .. | .. | .. | 12 | .. | .. | 13 | .. | .. | .. | .. | 45 | .. | 02 | 7. | G 5 |
| 1434 | Perseus | m 57 | 990 | 785 | .. | 26.4 | +42 51 | 6.07 | 08 | .. | .. | .. | .. | 00 | 08 | .. | 87 | .. | 01 | 19c | .. | .. | 07 | 25 | A 2 |
| 1435 | Reticuli | — | 357 | 919 | 5081 | 26.6 | −62 45 | 5.78 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | 33 | .. | 04 | 7. | K |
| 1436 | Taurus | — | 674 | .. | .. | 26.7 | + 5 11 | 6.43 | .. | .. | 13 | .. | .. | .. | 13 | .. | .. | .. | .. | 23b | .. | .. | .. | 06 | F 2 |
| 1437 | Eridan. | 45 | 713 | 787 | 5059 | 26.8 | − 0 16 | 4.97 | 04 | .. | .. | .. | .. | 09 | .. | 06 | 13 | .. | 10 | .. | .. | .. | 12 | 94 | K |
| 1438 | Eridan. | — | 904 | .. | 5067 | 26.9 | −13 52 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 12 | .. | 11 | A |
| 1439 | Eridan. | — | 1768 | .. | 5078 | 27.0 | −35 53 | 5.92 | .. | .. | .. | .. | .. | .. | 11 | 10 | .. | .. | .. | .. | 27 | .. | .. | 5. | K |
| 1440 | Camel. | — | 515 | 786 | .. | 27.1 | +64 3 | 5.91 | 04 | .. | .. | .. | .. | 08 | 03 | .. | .. | .. | 06 | 23b | .. | .. | 14 | 20 | A |
| 1441 | Eridan. | — | 809 | 788 | 5084 | 27.6 | − 3 25 | 5.91 | 18 | .. | .. | .. | .. | 25 | .. | 06 | .. | 37 | .. | .. | .. | .. | 16 | 22 | A |
| 1442 | Taurus | — | 750 | .. | .. | 27.8 | +17 48 | 6.24 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30c | .. | .. | .. | 39 | A |
| 1443 | Caelum | δ | 1567 | 925 | 5106 | 27.8 | −45 10 | 5.16 | .. | .. | .. | .. | 12 | 13 | 08 | 08 | .. | .. | .. | .. | 36 | .. | 18 | 1. | B 3 |
| 1444 | Taurus | ρ 86 | 720 | 789 | .. | 28.2 | +14 38 | 4.75 | 10 | .. | .. | 06 | .. | 05 | .. | .. | 05 | .. | 26 | 14b | .. | .. | 05 | 18 | A 5 |
| 1445 | Taurus | — | 666 | 790 | .. | 28.4 | +28 46 | 5.70 | 11 | .. | .. | .. | .. | 00 | 11 | .. | .. | .. | 00 | 38b | .. | .. | 10 | 06 | A |
| 1446 | Taurus | — | 600 | .. | .. | 28.4 | + 9 12 | 6.20 | .. | .. | .. | 05 | .. | 06 | .. | .. | .. | .. | .. | 10c | .. | .. | .. | 31 | K |
| 1447 | Eridan. | — | 900 | .. | 5117 | 28.7 | −11 0 | 6.24 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K |
| 1448 | Taurus | — | 679 | 791 | .. | 28.8 | + 5 21 | 5.78 | 06 | .. | .. | 06 | .. | 12 | .. | .. | .. | .. | 19 | 30a | .. | 07 | 08 | 06 | A |
| 1449 | Eridan. | 46 | 838 | 792 | R | 29.0 | − 6 57 | 5.66 | 04 | .. | .. | 05 | .. | 00 | .. | .. | 16 | .. | 24 | .. | .. | .. | 14 | 15 | A |
| 1450 | Eridan. | — | 841 | .. | R | 29.4 | − 7 2 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**4h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1451 | Eridan. | 47 | 887 | 794 | 5128 | 29.4 | − 8 27 | 5.45 | 13 | .. | .. | .. | .. | 11 | 08 | 31 | 20 | .. | 21 | .. | .. | .. | 03 | 81 | Ma | Ma |
| 1452 | Eridan. | — | 930 | 795 | 5129 | 29.4 | − 9 11 | 5.50 | 29 | .. | 04 | .. | .. | 04 | 08 | 38 | .. | .. | 46 | .. | .. | .. | 00 | 60 | K | K2 |
| 1453 | Eridan. | υ¹ 50 | 1883 | 796 | 5137 | 29.6 | −29 57 | 4.59 | 16 | 05 | .. | 24 | 02 | 04 | 01 | 07 | 14 | 49 | .. | .. | 24 | 01 | 14 | 12. | K | K0 |
| 1454 | Perseus | e 58 | 1000 | 793 | .. | 29.7 | +41 4 | 4.46 | 02 | .. | .. | .. | .. | 07 | 05 | .. | 09 | .. | 14 | 09d | .. | .. | 06 | 134 | G | K0 |
| 1455 | Taurus | — | 742 | .. | .. | 29.8 | +19 41 | 6.56 | .. | .. | 19 | .. | .. | .. | 18 | .. | .. | .. | .. | 12c | .. | .. | .. | 25 | F | A3 |
| 1456 | Mensa | ν | 115 | 935 | 5219 | 29.8 | −81 49 | 5.79 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | 54 | .. | 01 | 5. | A 5 | F0 |
| 1457 | Taurus | α 87 | 629 | 797 | .. | 30.2 | +16 19 | 1.06 | 06 | .. | .. | 05 | .. | 01 | .. | .. | 29 | 04 | 06 | 09d | .. | .. | 08 | 288 | K 5 | K5 |
| 1458 | Taurus | d 88 | 607 | 798 | .. | 30.2 | + 9 57 | 4.38 | 17 | .. | 01 | 13 | .. | 05 | .. | .. | 12 | .. | 09 | 02b | .. | .. | 27 | 11 | A 2 | A3 |
| 1459 | Taurus | — | 715 | .. | .. | 30.5 | +23 9 | 6.04 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19b | .. | .. | .. | 06 | F | F2 |
| 1460 | Eridan. | — | 959 | .. | 5149 | 30.5 | − 9 57 | 6.32 | .. | .. | .. | 04 | .. | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | A | A0 |
| 1461 | Eridan. | — | 880 | .. | 5154 | 30.6 | −20 8 | 6.19 | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 05 | A | K0 |
| 1462 | Eridan. | — | 830 | .. | 5163 | 31.0 | − 3 49 | 6.29 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | A | B9 |
| 1463 | Eridan. | ν 48 | 834 | 799 | 5172 | 31.3 | − 3 33 | 4.12 | 01 | .. | .. | .. | .. | 10 | .. | 12 | 08 | 27 | 15 | .. | .. | .. | 12 | 13 | B 2 | B2 |
| 1464 | Eridan. | υ² 52 | 1901 | 942 | 5187 | 31.7 | −30 46 | 3.88 | 08 | 09 | .. | .. | 10 | 02 | 10 | 02 | 13 | 34 | .. | .. | 03 | .. | 00 | 164 | K | K0 |
| 1465 | Dorado | α | 663 | 943 | 5198 | 31.8 | −55 15 | 3.47 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | 03 | .. | .. | 08 | .. | 52 | 6. | A p | A0p |
| 1466 | Camel. | 2 | 794 | 800 | .. | 32.0 | +53 17 | 5.44 | 03 | .. | .. | .. | .. | 06 | 09 | .. | 01 | .. | 04 | 12c | .. | .. | 07 | 15 | A | F0 |
| 1467 | Camel. | 3 | 865 | 801 | .. | 32.0 | +52 53 | 5.31 | 06 | .. | .. | .. | .. | 01 | 06 | .. | 01 | .. | 47 | 13d | .. | .. | 09 | 64 | G 5 | K0 |
| 1468 | Camel. | — | 174 | .. | .. | 32.1 | +76 25 | 6.51 | .. | .. | .. | .. | .. | 17 | 17 | .. | .. | .. | .. | 14b | .. | .. | 09 | 07 | F | F5 |
| 1469 | Eridan. | 49 | 798 | 803 | .. | 32.1 | + 0 48 | 5.32 | 04 | .. | .. | .. | .. | 04 | .. | .. | 08 | .. | 08 | 34b | .. | .. | 16 | 08 | B 5 | B5 |
| 1470 | Taurus | — | 731 | .. | .. | 32.4 | +26 45 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 07b | .. | .. | .. | 01 | A | F0 |
| 1471 | Taurus | — | 785 | 804 | .. | 32.4 | +20 30 | 5.73 | 05 | .. | .. | .. | .. | 10 | 06 | .. | .. | .. | 15 | 37b | .. | .. | 08 | 01 | A | B9 |
| 1472 | Taurus | 89 | 661 | .. | .. | 32.5 | +15 51 | 5.80 | .. | .. | 03 | .. | .. | 04 | .. | .. | 40 | .. | .. | 33b | .. | .. | .. | 31 | F | F0 |
| 1473 | Taurus | c 90 | 618 | 805 | .. | 32.6 | +12 19 | 4.30 | 04 | .. | .. | 10 | .. | 13 | .. | .. | 03 | .. | 27 | 36b | .. | .. | 00 | 22 | A 5 | A3 |
| 1474 | Eridan. | c 51 | 963 | 806 | 5199 | 32.6 | − 2 40 | 5.31 | 04 | .. | .. | .. | .. | 01 | .. | 04 | 21 | 09 | 23 | .. | .. | .. | 01 | 19 | A 5 | A5 |
| 1475 | Reticuli | — | 342 | 947 | 5223 | 32.6 | −63 2 | 5.86 | .. | .. | .. | .. | 14 | .. | .. | 13 | .. | .. | .. | .. | .. | .. | 06 | 10. | K | K0 |
| 1476 | Eridan. | — | 1911 | 948 | 5215 | 33.0 | −30 55 | 6.29 | .. | 09 | .. | .. | 14 | 13 | 07 | 15 | .. | .. | .. | .. | .. | .. | 47 | 3. | A | B8 |
| 1477 | Taurus | — | 674 | .. | .. | 33.3 | +25 2 | 6.27 | .. | .. | 01 | .. | .. | .. | 01 | .. | .. | .. | .. | 17a | .. | .. | .. | 03 | A | A3 |
| 1478 | Taurus | σ¹ 91 | 665 | 807 | .. | 33.4 | +15 36 | 5.15 | 04 | .. | .. | .. | .. | 04 | .. | .. | 05 | .. | 19 | 19b | .. | .. | .. | 06 | A | A2 |
| 1479 | Taurus | σ² 92 | 666 | 808 | .. | 33.5 | +15 43 | 4.85 | 01 | .. | .. | .. | .. | 01 | .. | .. | 25 | .. | 21 | 09b | .. | .. | 15 | 16 | A | A3 |
| 1480 | Taurus | — | 681 | 810 | .. | 33.6 | + 7 40 | 5.55 | 06 | .. | .. | 37 | .. | 16 | 14 | .. | .. | .. | 17 | 09b | .. | .. | 05 | 23 | A | F0 |
| 1481 | Eridan. | l 53 | 933 | 812 | 5226 | 33.6 | −14 30 | 3.98 | 09 | .. | 08 | .. | .. | 12 | .. | 10 | 48 | 42 | .. | .. | .. | .. | 16 | 123 | K | K0 |
| 1482 | Perseus | — | 1128 | 809 | .. | 33.9 | +48 7 | 5.70 | 04 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 04 | 21b | .. | .. | 00 | 26 | A | A0 |
| 1483 | Eridan. | — | 955 | 813 | 5239 | 34.3 | −12 19 | 5.02 | 10 | .. | .. | .. | .. | 04 | .. | 06 | .. | .. | .. | .. | .. | .. | 18 | 33 | A 2 | A2 |
| 1484 | Taurus | 93 | 639 | 814 | .. | 34.5 | +12 0 | 5.37 | 11 | .. | .. | .. | .. | 03 | 15 | .. | 12 | .. | 13 | 51b | .. | .. | 13 | 07 | B 8 | B9 |
| 1485 | Mensa | — | 91 | 955 | 5310 | 34.5 | −83 7 | 6.76 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | .. | .. | .. | 66 | .. | .. | 2. | A 2 | A2 |
| 1486 | Camel. | — | 826 | .. | .. | 34.7 | +59 20 | 6.53 | .. | .. | 13 | .. | .. | .. | 13 | .. | .. | .. | .. | 13b | .. | .. | .. | 21 | A | A3 |
| 1487 | Eridan. | — | 936 | 816 | 5250 | 34.7 | −14 33 | 5.61 | 08 | .. | 10 | .. | .. | 04 | .. | 07 | .. | 07 | .. | .. | .. | .. | 04 | 10 | K | K5 |
| 1488 | Eridan. | — | 689 | .. | 5248 | 34.7 | − 1 15 | 6.18 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A | K0 |
| 1489 | Perseus | — | 954 | .. | .. | 35.0 | +38 5 | 5.82 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30c | .. | .. | .. | 56 | F 8 | F5 |
| 1490 | Taurus | — | 680 | 815 | .. | 35.0 | +28 25 | 5.68 | 18 | .. | .. | .. | .. | 21 | 04 | .. | .. | .. | 32 | 26a | .. | .. | 12 | 22 | A | A0 |
| 1491 | Camel. | — | 189 | 811 | .. | 35.4 | +75 46 | 6.04 | 09 | .. | 13 | .. | .. | 04 | 00 | .. | .. | .. | 18 | 16b | .. | .. | 16 | 05 | A | F0 |
| 1492 | Dorado | R | 372 | 960 | 5276 | 35.6 | −62 16 | var. | .. | .. | .. | .. | v | .. | .. | v | .. | .. | .. | .. | v | .. | v | v | Mc | Mc |
| 1493 | Perseus | — | 1230 | 817 | .. | 35.8 | +49 48 | 5.77 | 05 | .. | .. | 03 | .. | 10 | 12 | .. | .. | .. | 17 | 30b | .. | .. | 08 | 15 | A | B8 |
| 1494 | Perseus | 59 | 1043 | 818 | .. | 35.8 | +43 10 | 5.25 | 02 | .. | .. | .. | .. | 15 | 18 | .. | 30 | .. | 26 | 27b | .. | .. | 10 | 32 | A | A0 |
| 1495 | Eridan. | — | 2488 | 820 | 5271 | 35.9 | −24 41 | 5.59 | 16 | .. | .. | 06 | 19 | 05 | R | 07 | .. | 05 | .. | .. | .. | .. | 06 | 62 | K | K0 |
| 1496 | Eridan. | 54 | 988 | 821 | 5272 | 36.1 | −19 52 | 4.54 | 06 | .. | 12 | .. | .. | 03 | 15 | 18 | 26 | 05 | .. | .. | .. | .. | 06 | 151 | Ma | Ma |
| 1497 | Taurus | τ 94 | 739 | 819 | .. | 36.2 | +22 46 | 4.33 | 07 | .. | .. | 05 | .. | 03 | .. | .. | 47 | .. | 32 | 15b | .. | .. | 14 | 08 | A | B5 |
| 1498 | Pictor | — | 1207 | .. | 5285 | 36.6 | −51 52 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | G 5 | K0 |
| 1499 | Taurus | 95 | 733 | .. | .. | 37.2 | +23 55 | 6.18 | .. | .. | .. | 01 | .. | 08 | 06 | .. | 02 | .. | .. | 21b | .. | .. | .. | 11 | F | G0 |
| 1500 | Perseus | — | 1032 | .. | .. | 37.3 | +40 36 | 6.10 | .. | .. | 12 | .. | .. | 17 | 06 | .. | .. | .. | .. | 22b | .. | .. | .. | 03 | B 8 | B5 |

Comp

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



4h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1501 | Auriga | — | 827 | .. | .. | 37.3 | +32 41 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 24b | .. | .. | .. | .. | A | $A_3$ |
| 1502 | Caelum | α | 1587 | 964 | 5295 | 37.3 | −42 3 | 4.52 | .. | .. | .. | .. | 03 | 08 | 15 | 04 | .. | 00 | .. | .. | 17 | .. | 12 | 12. | F 2 | $F_2$ |
| 1503 | Caelum | β | 1867 | 972 | 5313 | 38.5 | −37 20 | 5.08 | .. | 08 | .. | .. | 08 | 02 | 08 | 06 | .. | 46 | .. | .. | 18 | .. | 12 | 1. | F 5 | $F_5$ |
| 1504 | Dorado | — | 370 | .. | 5325 | 38.6 | −59 8 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | G 5 | $G_0$ |
| 1505 | Eridan. | 55 | 969 | 823 | 5311 | 38.8 | − 8 59 | 6.75 | 03 | .. | .. | .. | .. | 03 | .. | .. | 14 | .. | 00 | .. | .. | .. | 06 | 65 | F 2 | $F_5$ |
| 1506 | Eridan. | | | | 5312 | 38.8 | − 8 59 | 6.67 | | | | | | | | | | | | | | | | | | |
| 1507 | Orion | — | 621 | 822 | .. | 38.9 | +10 58 | 5.35 | 02 | .. | .. | 11 | .. | 10 | .. | .. | .. | .. | 21 | 25b | .. | .. | 05 | 25 | A | $A_3$ |
| 1508 | Eridan. | 56 | 929 | 827 | 5321 | 39.3 | − 8 41 | 5.87 | 13 | .. | .. | .. | .. | 01 | .. | 13 | 14 | .. | 11 | .. | .. | .. | 05 | 01 | A | $B_5$ |
| 1509 | Caelum | — | 1968 | 976 | 5328 | 39.3 | −30 57 | 5.73 | .. | 21 | .. | .. | 17 | 02 | 10 | 17 | .. | .. | .. | .. | .. | .. | 03 | 15. | K | $K_0$ |
| 1510 | Camel. | — | 322 | .. | .. | 39.4 | +70 45 | 6.39 | .. | .. | 10 | .. | .. | .. | 10 | .. | .. | .. | .. | 27a | .. | .. | .. | 30 | A | $B_9$ |
| 1511 | Camel. | 4 | 973 | 825 | .. | 39.7 | +56 35 | 5.35 | 03 | .. | .. | .. | .. | 01 | 02 | .. | 30 | .. | 06 | 17b | .. | .. | 05 | 37 | A | $A_2$ |
| 1512 | Taurus | — | 739 | .. | .. | 39.7 | +23 27 | 6.17 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 36a | .. | .. | .. | 06 | A | $B_8$ |
| 1513 | Eridan. | — | 906 | 828 | 5334 | 39.7 | −18 51 | 5.67 | 10 | .. | .. | .. | .. | 05 | .. | 14 | .. | 13 | .. | .. | .. | .. | 03 | 11 | A | $A_0$ |
| 1514 | Perseus | — | 1045 | .. | .. | 39.8 | +40 8 | 6.12 | .. | .. | 05 | .. | .. | 09 | 05 | .. | .. | .. | .. | 06c | .. | .. | .. | 58 | G 2 | $G_5$ |
| 1515 | Camel. | — | 928 | 826 | .. | 39.9 | +55 26 | 6.34 | 11 | .. | 17 | .. | .. | 07 | .. | .. | .. | .. | 29 | 26b | .. | .. | 04 | 01 | A | $F_0$ |
| 1516 | Pictor | λ | 1471 | 981 | 5350 | 40.2 | −50 40 | 5.26 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | 00 | .. | .. | .. | .. | 01 | 15. | G 5 | $G_5$ |
| 1517 | Taurus | — | 719 | .. | .. | 40.4 | +18 33 | 6.13 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09d | .. | .. | .. | 43 | K | $K_0$ |
| 1518 | Caelum | — | 1549 | .. | 5351 | 40.4 | −41 15 | 6.22 | .. | .. | .. | .. | .. | 16 | .. | 15 | .. | .. | .. | .. | 50 | .. | .. | 11. | K 5 | $K_5$ |
| 1519 | Orion | — | 646 | 829 | .. | 40.5 | +11 31 | 5.43 | 22 | .. | .. | .. | .. | 22 | .. | .. | .. | .. | 22 | 21b | .. | .. | 07 | 27 | A | $A_0$ |
| 1520 | Eridan. | μ 57 | 876 | 830 | 5341 | 40.5 | − 3 26 | 4.18 | 13 | .. | .. | .. | .. | 21 | .. | 08 | 22 | 12 | 06 | .. | .. | .. | 05 | 24 | B 5 | $B_5$ |
| 1521 | Eridan. | — | 966 | .. | 5354 | 40.7 | −21 28 | 6.03 | .. | .. | .. | 08 | .. | 01 | 07 | .. | .. | 14 | .. | .. | .. | .. | .. | 12. | K | $K_2$ |
| 1522 | Orion | — | 884 | .. | 5362 | 41.4 | − 3 8 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 20 | A 2 | $A_2$ |
| 1523 | Cepheus | — | 155 | 824 | .. | 41.6 | +81 2 | 5.32 | 02 | .. | 05 | .. | .. | 04 | .. | .. | .. | .. | 12 | 04d | .. | .. | 00 | 66 | K | $K_0$ |
| 1524 | Caelum | — | 1859 | .. | 5386 | 42.1 | −34 11 | 6.84 | .. | .. | .. | .. | .. | .. | 13 | 13 | .. | .. | .. | .. | 64 | .. | .. | 3. | A | $B_9$ |
| 1525 | Eridan. | — | 1735 | 834 | 5394 | 42.4 | −28 16 | 5.97 | 11 | .. | .. | 02 | .. | 09 | R | .. | .. | .. | .. | .. | .. | .. | 07 | 11 | A | $A_2$ |
| 1526 | Caelum | — | 1624 | .. | 5397 | 42.5 | −39 32 | 6.04 | .. | .. | .. | .. | .. | .. | 09 | 10 | .. | .. | .. | .. | 29 | .. | .. | 9. | G 5 | $K_0$ |
| 1527 | Camel. | — | 543 | 831 | .. | 42.7 | +63 20 | 5.81 | 07 | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | 05 | 24d | .. | .. | 11 | 91 | Mb | Ma |
| 1528 | Auriga | — | 840 | 832 | .. | 42.8 | +32 25 | 5.94 | 06 | .. | .. | .. | .. | 11 | 06 | .. | .. | .. | 08 | 24b | .. | .. | 06 | 19 | A | $A_3$ |
| 1529 | Auriga | — | 816 | 833 | .. | 42.8 | +31 16 | 5.76 | 09 | .. | .. | .. | .. | 04 | 05 | .. | .. | .. | 05 | 09d | .. | .. | 06 | 47 | G 5 | $K_0$ |
| 1530 | Dorado | κ | 376 | 989 | 5418 | 42.9 | −59 55 | 5.35 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | 45 | .. | 05 | 0. | A 5 | $A_3$ |
| 1531 | Mensa | — | 181 | .. | 5453 | 42.9 | −77 50 | 5.88 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | K | $K_0$ |
| 1532 | Eridan. | 58 | 954 | 838 | 5405 | 43.1 | −17 7 | 5.63 | 20 | .. | .. | .. | .. | 16 | .. | 03 | 03 | 09 | .. | .. | .. | .. | 02 | 30 | F | $G_0$ |
| 1533 | Auriga | 1 | 969 | 835 | .. | 43.2 | +37 19 | 5.10 | 07 | .. | .. | .. | .. | 07 | .. | .. | 15 | .. | 17 | 14e | .. | .. | 05 | 92 | K | $K_2$ |
| 1534 | Orion | — | 681 | 839 | .. | 43.5 | + 3 25 | 6.20 | 10 | .. | .. | .. | .. | 09 | 02 | .. | .. | .. | 04 | 06d | .. | .. | 10 | 23 | A | $K_0$ |
| 1535 | Auriga | — | 1162 | 837 | .. | 43.6 | +48 35 | 5.79 | 05 | .. | .. | .. | .. | 12 | 06 | .. | .. | .. | 11 | 05d | .. | .. | 14 | 41 | G 5 | $G_5$ |
| 1536 | Eridan. | — | 1044 | .. | 5416 | 43.6 | − 5 50 | 6.00 | .. | .. | 14 | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 07 | F | $G_0$ |
| 1537 | Taurus | 96 | 687 | .. | .. | 44.0 | +15 43 | 6.34 | .. | .. | A | .. | .. | .. | .. | .. | 64 | .. | .. | 06d | .. | .. | .. | .. | G | $G_5$ |
| 1538 | Eridan. | 59 | 956 | .. | 5430 | 44.0 | −16 30 | 5.97 | .. | .. | .. | 30 | .. | 00 | 21 | 10 | 07 | .. | .. | .. | .. | .. | .. | 13 | F 2 | $F_8$ |
| 1539 | Caelum | ζ | 2011 | 993 | 5431 | 44.0 | −30 12 | 6.35 | .. | .. | .. | .. | 10 | .. | 14 | 04 | .. | .. | .. | .. | .. | .. | .. | 12. | K | $K_0$ |
| 1540 | Dorado | — | 365 | .. | 5442 | 44.0 | −63 24 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | G 5 | $K_0$ |
| 1541 | Mensa | μ | 282 | 995 | 5456 | 44.0 | −71 7 | 5.69 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | 82 | .. | .. | 44 | .. | 04 | 2. | A | $B_9$ |
| 1542 | Camel. | 9 | 358 | 836 | .. | 44.1 | +66 10 | 4.38 | 03 | 03 | .. | .. | .. | 04 | 03 | .. | 18 | .. | 08 | 21b | .. | 05 | 02 | 32 | B | $B_0$ |
| 1543 | Orion | $\pi^3$ 1 | 762 | 840 | .. | 44.4 | + 6 47 | 3.31 | 02 | .. | .. | 05 | .. | 01 | 06 | .. | 09 | 17 | 31 | 19b | .. | .. | 01 | 74 | F 8 | $F_8$ |
| 1544 | Orion | $\pi^2$ 2 | 777 | 841 | .. | 45.1 | + 8 44 | 4.35 | 07 | .. | .. | 03 | .. | 03 | .. | .. | 20 | 15 | 51 | 33b | .. | .. | 05 | 24 | A | $A_0$ |
| 1545 | Eridan. | — | 970 | .. | 5448 | 45.1 | −13 56 | 6.30 | .. | .. | 07 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 18 | F 2 | $F_2$ |
| 1546 | Camel. | — | 891 | .. | .. | 45.2 | +52 39 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30b | .. | .. | .. | 42 | A 2 | $A_2$ |
| 1547 | Taurus | i 97 | 743 | 842 | .. | 45.5 | +18 40 | 5.12 | 05 | .. | .. | 03 | .. | 01 | .. | .. | 31 | .. | 08 | 20b | .. | .. | 02 | 08 | A 5 | $F_0$ |
| 1548 | Caelum | — | 1720 | .. | 5465 | 45.5 | −44 9 | 6.56 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 41 | .. | .. | 10. | K | $G_5$ |
| 1549 | Eridan. | 60 | 964 | 846 | 5462 | 45.7 | −16 23 | 5.16 | 03 | .. | .. | .. | .. | 06 | 14 | 10 | 24 | 38 | .. | .. | .. | .. | 14 | 68 | K | $K_0$ |
| 1550 | Auriga | — | 1081 | 843 | .. | 45.8 | +42 25 | 5.62 | 08 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 23 | 24b | .. | .. | 12 | 21 | A | $A_0$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1



**4h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° | | | | | | | | | | | | | | | | | | | |
| 1551 | Auriga | 2 | 952 | 844 | .. | 45.9 | +36 33 | 5.04 | 00 | .. | .. | .. | .. | 04 | 05 | .. | 01 | .. | 05 | 14d | .. | .. | 14 | 98 | K | K2 |
| 1552 | Orion | π⁴ 3 | 745 | 845 | .. | 45.9 | + 5 26 | 3.78 | 20 | .. | .. | 07 | .. | 12 | .. | .. | 34 | 26 | 21 | 20b | .. | .. | 22 | 19 | B 3 | B3 |
| 1553 | Orion | — | 668 | 847 | .. | 46.2 | + 9 49 | 6.08 | 09 | .. | .. | 11 | .. | 06 | 03 | .. | .. | .. | 01 | 32b | .. | .. | 18 | 02 | A | B5 |
| 1554 | Taurus | — | 701 | 849 | .. | 46.5 | +27 44 | 5.91 | 02 | .. | .. | .. | .. | 08 | 10 | .. | .. | .. | .. | 27a | .. | .. | 09 | 17 | A | F2 |
| 1555 | Camel. | 5 | 941 | 848 | .. | 46.9 | +55 6 | 5.58 | 18 | .. | 07 | .. | .. | 08 | 04 | .. | 02 | .. | 24 | 21b | .. | .. | 22 | 21 | A | A0 |
| 1556 | Orion | o¹ 4 | 777 | 850 | .. | 46.9 | +14 5 | 5.19 | 25 | .. | .. | .. | .. | 25 | .. | .. | 13 | .. | 21 | 39e | .. | .. | 21 | 114 | Ma | Ma |
| 1557 | Caelum | — | 1593 | 1012 | 5510 | 47.0 | −41 29 | 6.02 | .. | .. | .. | .. | 10 | 04 | 03 | 07 | .. | .. | .. | .. | 32 | .. | 01 | 9. | A 8 | F0 |
| 1558 | Auriga | — | 1116 | 852 | .. | 47.7 | +43 54 | 5.98 | 08 | .. | .. | 01 | .. | 15 | 09 | .. | .. | .. | 02 | 30b | .. | .. | 07 | 03 | A | B9 |
| 1559 | Caelum | — | 1962 | 1015 | 5524 | 47.8 | −35 4 | 5.82 | .. | 02 | .. | .. | 07 | 02 | 12 | 03 | .. | 28 | .. | .. | 22 | 08 | 04 | 3. | A 2 | A0 |
| 1560 | Eridan. | ω 61 | 1068 | 854 | 5518 | 48.0 | − 5 37 | 4.45 | 20 | .. | 20 | .. | .. | 01 | .. | R | 15 | 17 | 18 | .. | .. | .. | 17 | 48 | A 5 | F0 |
| 1561 | Camel. | — | 898 | 853 | .. | 48.2 | +52 42 | 5.75 | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | 24b | .. | .. | 32 | 26 | A 2 | A2 |
| 1562 | Orion | 5 | 800 | 855 | .. | 48.2 | + 2 20 | 5.67 | 07 | .. | .. | .. | .. | 07 | 13 | .. | 27 | .. | .. | 13d | .. | .. | 03 | .. | Ma | Ma |
| 1563 | Pictor | ι | 760 | 1017 | 5555 | 48.7 | −53 38 | 5.60 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | 35 | .. | .. | .. | .. | 44 | 13. | F | F0 |
| 1564 | Pictor | | | | 5556 | 48.8 | −53 37 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | | | | | | | | | | F0 |
| 1565 | Orion | — | 847 | .. | .. | 48.8 | + 1 25 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 47a | .. | .. | .. | 38 | A | A2 |
| 1566 | Taurus | — | 811 | .. | .. | 49.0 | +19 20 | 6.24 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 39b | .. | .. | .. | 01 | A | F0 |
| 1567 | Orion | π⁵ 8 | 810 | 857 | .. | 49.0 | + 2 17 | 3.87 | 01 | .. | .. | 15 | .. | 14 | .. | .. | 06 | 28 | 23 | 12b | .. | .. | 03 | 15 | B 3 | B3 |
| 1568 | Camel. | 7 | 829 | 856 | .. | 49.3 | +53 35 | 4.44 | 06 | .. | .. | 04 | .. | 01 | .. | .. | 54 | .. | 28 | 26b | .. | .. | 36 | 22 | A 2 | A2 |
| 1569 | Orion | g 6 | 675 | 858 | .. | 49.3 | +11 16 | 5.15 | 03 | .. | .. | 01 | .. | 04 | .. | .. | 00 | .. | 11 | 35b | .. | .. | 05 | 32 | A | A3 |
| 1570 | Orion | π¹ 7 | 683 | 859 | .. | 49.4 | +10 0 | 4.74 | 08 | .. | 02 | .. | .. | 05 | .. | .. | 16 | 08 | 30 | 20a | .. | .. | 06 | 12 | A | A0 |
| 1571 | Orion | — | 755 | 860 | .. | 49.4 | + 7 38 | 5.54 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 11 | 10d | .. | .. | 16 | 86 | G 5 | K0 |
| 1572 | Camel. | — | 229 | .. | .. | 49.6 | +74 7 | 6.23 | .. | .. | 05 | .. | .. | 04 | 08 | .. | .. | .. | .. | 11d | .. | .. | .. | 56 | K | K0 |
| 1573 | Auriga | — | 930 | .. | .. | 49.7 | +36 1 | 6.18 | .. | .. | 09 | .. | .. | .. | 08 | .. | .. | .. | .. | 09c | .. | .. | .. | 16 | B 8 p | B2 |
| 1574 | Orion | — | 893 | 861 | .. | 49.7 | + 0 19 | 5.86 | 11 | .. | 12 | .. | .. | 01 | .. | .. | .. | .. | 13 | 45b | .. | .. | 21 | 13 | A | B5 |
| 1575 | Taurus | — | 709 | .. | .. | 50.1 | +24 27 | 6.28 | .. | .. | 02 | .. | .. | .. | 02 | .. | .. | .. | .. | 34b | .. | .. | .. | 04 | F | F0 |
| 1576 | Orion | — | 787 | .. | .. | 50.2 | +14 54 | 5.74 | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | 44b | .. | .. | .. | 30 | B 8 | B8 |
| 1577 | Auriga | ι 3 | 855 | 862 | .. | 50.5 | +33 0 | 2.90 | 18 | .. | .. | .. | .. | 09 | 09 | .. | 37 | .. | 03 | 06e | .. | .. | 20 | 197 | K 2 | K2 |
| 1578 | Orion | — | 769 | .. | .. | 50.6 | + 5 15 | 6.59 | .. | .. | 03 | 22 | .. | .. | 19 | .. | .. | .. | .. | 43b | .. | .. | .. | 50 | A | A0 |
| 1579 | Eridan. | — | 991 | 866 | 5581 | 50.6 | −16 55 | 5.80 | 09 | .. | .. | .. | .. | 04 | 06 | .. | .. | .. | .. | .. | .. | .. | 35 | 23 | K | K0 |
| 1580 | Orion | o² 9 | 740 | 865 | .. | 50.7 | +13 21 | 4.28 | 05 | .. | .. | .. | .. | 04 | .. | .. | 12 | .. | 20 | 06d | .. | .. | 32 | 127 | K | K0 |
| 1581 | Eridan. | R | 992 | 867 | 5583 | 50.8 | −16 35 | 5.82 | 14 | .. | .. | 21 | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 52 | 37 | G 5 | K0 |
| 1582 | Eridan. | b 62 | 1091 | 870 | 5601 | 51.4 | − 5 20 | 5.46 | 11 | .. | 16 | .. | .. | 15 | 08 | .. | 26 | .. | 20 | .. | .. | .. | 02 | 20 | A | B9 |
| 1583 | *Lepus* | — | 2115 | 871 | 5604 | 51.4 | −25 54 | 6.62 | 18 | .. | .. | 01 | .. | 06 | 12 | .. | .. | .. | .. | .. | .. | .. | 24 | 44 | K | A2 |
| 1584 | Caelum | — | 1691 | 1022 | 5610 | 51.5 | −39 48 | 6.01 | .. | .. | .. | .. | 26 | .. | 29 | 03 | .. | .. | .. | .. | 21 | .. | .. | 17. | K | K0 |
| 1585 | Taurus | — | 672 | 868 | .. | 51.6 | +17 0 | 5.68 | 13 | .. | .. | .. | .. | 11 | 01 | .. | .. | .. | 06 | 06d | .. | .. | 18 | 77 | G 5 | K0 |
| 1586 | Taurus | 99 | 777 | 869 | .. | 51.7 | +23 48 | 5.99 | 01 | .. | .. | 04 | .. | 02 | .. | .. | 06 | .. | 01 | 02c | .. | .. | 09 | 24 | G 5 | K0 |
| 1587 | Camel. | — | 264 | .. | .. | 51.8 | +73 37 | 6.76 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 46d | .. | .. | .. | 19 | K | K0 |
| 1588 | Camel. | 8 | 906 | .. | .. | 51.9 | +52 59 | 6.40 | .. | .. | .. | A | .. | .. | .. | .. | 30 | .. | .. | 20d | .. | .. | .. | 27 | K | K2 |
| 1589 | Camel. | — | 265 | 864 | .. | 52.0 | +73 55 | 6.00 | 03 | .. | .. | .. | .. | 19 | 15 | .. | .. | .. | 03 | 41a | .. | .. | 09 | 14 | A | A2 |
| 1590 | Taurus | k 98 | 717 | 872 | .. | 52.0 | +24 54 | 5.65 | 08 | .. | .. | .. | .. | 08 | .. | .. | 15 | .. | 14 | 42b | .. | .. | 05 | 01 | A | B9 |
| 1591 | Orion | — | 762 | .. | 5615 | 52.2 | − 1 14 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | F2 |
| 1592 | Auriga | 4 | 1005 | 873 | .. | 52.5 | +37 44 | 4.99 | 08 | .. | .. | .. | .. | 06 | 01 | .. | 04 | .. | 33 | 11a | .. | .. | 21 | 02 | A | A0 |
| 1593 | Camel. | — | 853 | .. | .. | 52.6 | +60 56 | 6.12 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 11c | .. | .. | .. | 07 | F | F5 |
| 1594 | Camel. | — | 370 | .. | .. | 52.7 | +66 41 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 14b | .. | .. | .. | 06 | F | F8 |
| 1595 | Eridan. | — | 1003 | 874 | 5640 | 53.1 | −14 24 | 5.87 | 24 | .. | 04 | .. | .. | 19 | R | .. | .. | .. | .. | .. | .. | .. | 47 | 23 | A | B3 |
| 1596 | Orion | — | 1080 | .. | 5634 | 53.2 | − 2 22 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 28 | A | A0 |
| 1597 | Dorado | — | 437 | .. | 5657 | 53.2 | −58 43 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | F | F5 |
| 1598 | Dorado | — | 338 | .. | 5672 | 53.3 | −66 51 | 6.27 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | K | K5 |
| 1599 | Auriga | 5 | 1133 | .. | .. | 53.4 | +39 15 | 6 00 | .. | .. | 22 | 03 | .. | 07 | 10 | .. | 10 | .. | .. | 10b | .. | .. | .. | 10 | F | F5 |
| 1600 | Orion | — | 796 | .. | .. | 53.4 | +14 24 | 5.98 | .. | .. | 24 | .. | .. | 23 | .. | .. | .. | .. | .. | 50b | .. | .. | .. | 10 | A | B8 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1601 | Orion | $\pi^6$ 10 | 872 | 875 | .. | 53.4 | + 1 33 | 4.73 | 01 | .. | .. | .. | .. | 09 | 07 | .. | 13 | .. | 01 | 13c | .. | .. | 12 | 89 | K | K0 |
| 1602 | Auriga | 6 | 1134 | .. | .. | 53.5 | +39 31 | 6.73 | .. | .. | 01 | .. | .. | .. | 01 | .. | 03 | .. | .. | 29e | .. | .. | .. | .. | K | K5- |
| 1603 | Camel. | 10 | 856 | 876 | .. | 54.5 | +60 18 | 4.22 | 01 | 00 | .. | .. | .. | 02 | 03 | .. | 17 | .. | 05 | 08d | .. | 09 | 03 | 97 | G | G0p |
| 1604 | *Lepus* | — | 1013 | 878 | 5673 | 54.5 | −16 32 | 5.54 | 17 | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | 02 | 05 | A | A2 |
| 1605 | Auriga | ε 7 | 1166 | 877 | .. | 54.8 | +43 40 | var. | 02 | .. | .. | .. | .. | 01 | .. | .. | 06 | .. | 48 | .. | .. | .. | 14 | R | F 5 p | F5p |
| 1606 | Mensa | — | 332 | .. | 5719 | 54.8 | −72 35 | 6.18 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | F 2 | F5- |
| 1607 | Lepus | R | 915 | 880 | 5682 | 55.0 | −14 57 | var. | V | .. | .. | .. | .. | .. | .. | .. | .. | V | .. | .. | .. | .. | .. | .. | N | |
| 1608 | Eridan. | 63 | 1066 | 882 | 5684 | 55.1 | −10 25 | 5.69 | 02 | .. | 09 | .. | .. | 12 | .. | .. | 09 | .. | .. | .. | .. | .. | 07 | 19 | G | K0 |
| 1609 | Orion | — | 736 | 881 | .. | 55.3 | + 3 28 | 6.95 | 08 | .. | .. | 14 | .. | 05 | .. | .. | .. | .. | 88 | 56b | .. | .. | 03 | .. | A | A0 |
| 1610 | Orion | — | 737 | | .. | 55.3 | + 3 28 | 6.63 | | | | | | | | | | | 04 | 40b | | | | | | A0 |
| 1611 | Eridan. | S 64 | 1047 | 883 | 5689 | 55.3 | −12 41 | 4.85 | 05 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | 20 | 26 | F | F0 |
| 1612 | Auriga | ζ 8 | 1142 | 879 | .. | 55.5 | +40 56 | 3.94 | 02 | .. | .. | 02 | .. | 14 | 08 | .. | 08 | .. | 14 | 09e | .. | .. | 04 | 133 | K p | K0p |
| 1613 | Orion | — | 1095 | .. | 5692 | 55.7 | − 2 13 | 6.26 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14 | K | A5- |
| 1614 | Eridan. | — | 1123 | .. | 5700 | 55.9 | − 5 52 | 6.50 | .. | .. | 14 | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 1615 | Auriga | — | 1044 | .. | .. | 56.2 | +41 18 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 12b | .. | .. | .. | 14 | A | A0 |
| 1616 | Cepheus | — | 74 | 863 | .. | 56.3 | +85 50 | 6.54 | 09 | .. | 11 | .. | .. | 02 | .. | .. | .. | .. | 09 | 18b | .. | .. | 02 | 34 | A | A5- |
| 1617 | Eridan. | ψ 65 | 948 | 884 | 5723 | 56.6 | − 7 20 | 4.81 | 15 | .. | .. | .. | .. | 01 | 09 | 24 | 04 | 18 | 02 | .. | .. | .. | 01 | 06 | B | B8 |
| 1618 | Orion | — | 923 | 887 | .. | 56.7 | + 0 34 | 6.18 | 08 | .. | 10 | 00 | .. | 00 | 00 | .. | .. | .. | 11 | 02d | .. | .. | .. | 03 | K | K0 |
| 1619 | Orion | — | 886 | .. | .. | 56.8 | + 1 28 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | R b | .. | .. | .. | 49 | B 5 | B8 |
| 1620 | Taurus | ι 102 | 751 | 888 | .. | 57.1 | +21 27 | 4.70 | 03 | .. | .. | .. | .. | 03 | .. | .. | 05 | .. | 20 | 20b | .. | .. | 15 | 30 | A 5 | A5- |
| 1621 | Lepus | — | 990 | 889 | 5736 | 57.1 | −20 12 | 4.99 | 06 | .. | 02 | .. | .. | 19 | .. | 12 | .. | .. | .. | .. | .. | .. | 14 | 25 | A | B9 |
| 1622 | Camel. | 11 | 804 | 885 | .. | 57.4 | +58 50 | 5.31 | 18 | .. | .. | .. | .. | 07 | 10 | .. | 21 | .. | 12 | 05b | .. | .. | 09 | 29 | B 3 | B3p |
| 1623 | Camel. | 12 | 805 | 886 | .. | 57.5 | +58 53 | 6.38 | R | .. | .. | 02 | .. | 02 | .. | .. | 48 | .. | 64 | 25d | .. | .. | | | K | K0 |
| 1624 | Camel. | — | 857 | .. | .. | 57.5 | +61 2 | 6.27 | .. | .. | 04 | .. | .. | .. | 04 | .. | .. | .. | .. | 28d | .. | .. | .. | 36 | K | K0 |
| 1625 | Eridan. | — | 1019 | .. | 5750 | 57.8 | − 4 21 | 6.10 | .. | .. | 12 | .. | .. | 02 | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 1626 | Auriga | — | 772 | .. | .. | 57.9 | +30 22 | 6.39 | .. | .. | 03 | .. | .. | 09 | 11 | .. | .. | .. | .. | 05c | .. | .. | .. | 18 | K | K0 |
| 1627 | Auriga | — | 879 | .. | .. | 58.1 | +32 11 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 31b | .. | .. | .. | 24 | A | A3 |
| 1628 | Lepus | — | 1975 | 892 | 5755 | 58.1 | −26 25 | 5.01 | 04 | .. | .. | 05 | .. | 06 | .. | 05 | .. | 29 | .. | .. | .. | .. | 07 | 81 | K | K0 |
| 1629 | Mensa | η | 290 | 1046 | 5787 | 58.1 | −75 5 | 5.28 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | 22 | .. | 10 | 22. | K | K0 |
| 1630 | Camel. | — | 859 | .. | .. | 58.2 | +54 15 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 91c | .. | .. | .. | .. | G | G5- |
| 1631 | Caelum | — | 1744 | 1047 | 5764 | 58.2 | −39 52 | 5.99 | .. | .. | .. | .. | 00 | .. | 03 | 02 | .. | .. | .. | .. | .. | .. | .. | 13. | G 5 | B5- |
| 1632 | Taurus | — | 723 | R | .. | 58.4 | +27 33 | 6.48 | 15 | .. | .. | .. | .. | 10 | 05 | .. | .. | .. | .. | 50b | .. | .. | 31 | .. | A 5 | A2 |
| 1633 | Taurus | — | 755 | .. | .. | 58.4 | +21 9 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 11c | .. | .. | .. | .. | A 8 | K0 |
| 1634 | Lepus | 1 | R | 895 | 5766 | 58.5 | −22 57 | 5.84 | 13 | .. | .. | 05 | .. | 03 | 02 | 18 | 03 | .. | .. | .. | .. | .. | 09 | 56 | K | K0 |
| 1635 | Caelum | — | 2163 | .. | 5768 | 58.6 | −31 55 | 6.00 | .. | .. | .. | .. | .. | .. | 10 | 11 | .. | .. | .. | .. | .. | .. | .. | 13. | G 5 | K0 |
| 1636 | Camel. | — | 302 | .. | .. | 58.7 | +69 30 | 6.58 | .. | .. | 09 | .. | .. | .. | 09 | .. | .. | .. | .. | 04c | .. | .. | .. | 11 | G 5 | K0 |
| 1637 | Auriga | 9 | 1024 | 891 | .. | 58.8 | +51 29 | 4.99 | 10 | .. | .. | 08 | .. | 14 | 12 | .. | 41 | .. | 08 | 17c | .. | .. | 09 | 56 | F | F0 |
| 1638 | Orion | 11 | 732 | 894 | .. | 58.9 | +15 16 | 4.65 | 06 | .. | .. | .. | .. | 02 | 08 | .. | 05 | .. | 11 | 43b | .. | .. | 20 | 07 | A | B9 |
| 1639 | Auriga | — | 973 | .. | .. | 59.3 | +35 48 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 29b | .. | .. | .. | 04 | A | A3 |
| 1640 | Lepus | — | 1027 | .. | 5776 | 59.3 | −14 31 | 6.35 | .. | .. | 04 | 06 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 54 | A | B3 |
| 1641 | Auriga | η 10 | 1058 | 896 | .. | 59.5 | +41 6 | 3.28 | 05 | .. | .. | .. | .. | 02 | 03 | .. | 16 | .. | 21 | 18a | .. | .. | 02 | R | B 3 | B3 |
| 1642 | Taurus | — | 847 | .. | .. | 59.6 | +19 40 | 6.46 | .. | .. | 14 | .. | .. | .. | 13 | .. | .. | .. | .. | 34b | .. | .. | .. | 35 | A | A2 |
| 1643 | Camel. | — | 274 | 890 | .. | 59.7 | +73 49 | 5.38 | 08 | .. | .. | .. | .. | 05 | 04 | .. | .. | .. | 21 | 29b | .. | .. | 04 | 02 | A | A0p |
| 1644 | Auriga | — | 1170 | .. | .. | 59.7 | +43 2 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25c | .. | .. | .. | 02 | F | F2 |
| 1645 | Lepus | — | 2795 | 897 | 5785 | 59.7 | −24 32 | 5.55 | 07 | .. | .. | 00 | .. | 08 | 01 | 01 | .. | .. | .. | .. | .. | .. | 01 | 09 | A | A2 |
| 1646 | Orion | — | 998 | 898 | 5784 | 59.9 | − 3 11 | 5.98 | 01 | .. | .. | .. | .. | 07 | 08 | .. | .. | .. | 02 | .. | .. | 06 | 14 | 19 | A | B5 |
| 1647 | Camel. | — | 500 | .. | .. | 0.1 | +64 47 | 6.40 | .. | .. | 05 | .. | .. | .. | 04 | .. | .. | .. | .. | 25b | .. | .. | .. | 02 | F | F2 |
| 1648 | Orion | W | 939 | 899 | .. | 0.2 | + 1 2 | var. | V | .. | V | V | .. | V | .. | .. | .. | .. | .. | V e | .. | .. | V | .. | N | N |
| 1649 | Pictor | $\eta^1$ | 1641 | 1057 | 5798 | 0.2 | −49 18 | 5.44 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | 17 | .. | .. | 24 | .. | 08 | 7. | F 5 | F5 |
| 1650 | Camel. | — | 190 | .. | .. | 0.5 | +76 21 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 31b | .. | .. | .. | 25 | A | B9 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**5h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1651 | Caelum | — | 1690 | .. | 5806 | 0.7 | −41 53 | 6.31 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | F 2 | F8 |
| 1652 | Caelum | γ | 2089 | 1060 | 5807 | 0.8 | −35 37 | 4.62 | .. | 05 | .. | .. | 03 | 07 | 04 | 14 | .. | 06 | .. | .. | 17 | .. | 12 | 14. | K | K0 |
| 1653 | Caelum | — | 2090 | .. | 5810 | 0.9 | −35 51 | 6.26 | .. | .. | .. | .. | .. | .. | 06 | 07 | .. | .. | .. | .. | v | .. | .. | 4. | F | F0 |
| 1654 | Lepus | ε 2 | 1000 | 901 | 5816 | 1.2 | −22 30 | 3.29 | 03 | .. | .. | 14 | .. | 07 | .. | 19 | 16 | 25 | .. | .. | .. | .. | 03 | 147 | K 5 | K5 |
| 1655 | Lepus | — | 2005 | 902 | 5817 | 1.2 | −26 17 | 5.89 | 24 | .. | .. | 04 | .. | 08 | .. | 21 | .. | 00 | .. | .. | .. | .. | 07 | 68 | A | K0 |
| 1656 | Taurus | m104 | 779 | 900 | .. | 1.5 | +18 30 | 5.04 | 04 | .. | .. | .. | .. | 03 | 00 | .. | 09 | .. | 26 | 15b | .. | .. | 21 | 50 | G | G0 |
| 1657 | Eridan. | 66 | 1044 | 906 | 5823 | 1.8 | − 4 47 | 5.19 | 01 | .. | 01 | .. | .. | 04 | 11 | 10 | 69 | .. | .. | .. | .. | .. | 09 | 04 | A | B9 |
| 1658 | Taurus | l 106 | 885 | 903 | .. | 1.9 | +20 17 | 5.29 | 16 | .. | .. | 09 | .. | 08 | .. | .. | 19 | .. | 18 | 17b | .. | .. | 11 | 08 | A 3 | A3 |
| 1659 | Taurus | 103 | 755 | 904 | .. | 2.0 | +24 8 | 5.50 | 04 | .. | .. | .. | .. | 04 | .. | .. | 10 | .. | 19 | 20b | .. | 06 | 10 | 04 | B 3 | B3 |
| 1660 | Taurus | 105 | 766 | 905 | .. | 2.0 | +21 34 | 5.95 | 13 | .. | .. | .. | .. | 09 | 03 | .. | 20 | .. | 28 | 21b | .. | .. | 30 | 09 | A | B3p |
| 1661 | Lepus | — | 1063 | .. | 5830 | 2.0 | −13 15 | 6.06 | .. | .. | .. | 09 | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26 | A | A0 |
| 1662 | Orion | 13 | 736 | .. | .. | 2.2 | + 9 21 | 6.26 | .. | .. | .. | A | .. | .. | .. | .. | 26 | .. | .. | 15c | .. | .. | .. | 00 | F 8 | G0 |
| 1663 | Pictor | $\eta^2$ | 1662 | 1066 | 5850 | 2.3 | −49 43 | 4.92 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | 69 | .. | .. | 08 | .. | 00 | 22. | K 5 | K5 |
| 1664 | Orion | i 14 | 866 | 907 | .. | 2.5 | + 8 22 | 5.47 | 05 | .. | .. | 12 | .. | 06 | .. | .. | 02 | .. | 01 | 17b | .. | .. | 07 | 02 | F | F0 |
| 1665 | Lepus | — | 1076 | 909 | 5846 | 2.8 | −12 37 | 6.14 | 11 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | 06 | 16 | Ma | F8 |
| 1666 | Eridan. | β 67 | 1162 | 910 | 5848 | 2.9 | − 5 13 | 2.92 | 05 | .. | 04 | .. | .. | 05 | .. | 14 | 33 | 07 | 07 | .. | .. | .. | 00 | 69 | A 2 | A3 |
| 1667 | Pictor | — | 768 | .. | 5866 | 2.9 | −54 33 | 6.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | G 5 | K5 |
| 1668 | Auriga | — | 970 | 908 | .. | 3.3 | +46 50 | 5.59 | 01 | .. | .. | .. | .. | 02 | 01 | .. | .. | .. | .. | 29b | .. | .. | 14 | 32 | F 2 | F8 |
| 1669 | Auriga | — | 1067 | .. | .. | 3.5 | +37 11 | 6.17 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03c | .. | .. | .. | 17 | F | B2 |
| 1670 | Taurus | — | 732 | 911 | .. | 3.5 | +27 55 | 5.97 | 01 | .. | .. | .. | .. | 00 | 01 | .. | .. | .. | .. | 25c | .. | .. | 01 | 19 | A | A3 |
| 1671 | Eridan. | — | 1037 | .. | 5864 | 3.6 | − 8 47 | 5.67 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 41 | B 8 | B8 |
| 1672 | Orion | h 16 | 743 | 912 | .. | 3.8 | + 9 42 | 5.42 | 10 | .. | .. | 17 | .. | 08 | .. | .. | 05 | .. | 01 | 27b | .. | .. | 12 | 07 | A | A2 |
| 1673 | Eridan. | 68 | 1056 | 915 | 5872 | 3.8 | − 4 35 | 5.23 | 14 | .. | 12 | .. | .. | 00 | 21 | 04 | 28 | .. | 11 | .. | .. | .. | 07 | .. | F 5 | F5 |
| 1674 | Dorado | ζ | 735 | 1071 | 5893 | 3.8 | −57 37 | 4.76 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | 23 | .. | .. | 11 | .. | 14 | 16. | F 8 | F8 |
| 1675 | Camel. | — | 766 | .. | .. | 3.9 | +61 44 | 5.99 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 37b | .. | .. | .. | 08 | A | A0 |
| 1676 | Orion | 15 | 752 | 914 | .. | 4.0 | +15 28 | 4.86 | 05 | .. | .. | .. | .. | 05 | .. | .. | 09 | .. | 08 | 34b | .. | 06 | 06 | 46 | F | F0 |
| 1677 | Mensa | β | 309 | 1072 | 5919 | 4.0 | −71 27 | 5.30 | .. | .. | .. | .. | 05 | .. | .. | 06 | .. | 17 | .. | .. | 00 | .. | 40 | 26. | K | K0 |
| 1678 | Camel. | 14 | 734 | .. | .. | 4.2 | +62 34 | 6.38 | .. | .. | .. | A | .. | .. | .. | .. | 53 | .. | .. | 28b | .. | .. | .. | 25 | A | A2 |
| 1679 | Eridan. | λ 69 | 1040 | 917 | 5888 | 4.4 | − 8 53 | 4.34 | 05 | .. | .. | .. | .. | 04 | .. | .. | 06 | 21 | 05 | .. | .. | .. | 04 | 06 | B 2 | B2 |
| 1680 | Columb. | — | 2126 | .. | 5901 | 4.7 | −35 51 | 6.44 | .. | .. | .. | .. | .. | .. | 11 | 10 | .. | .. | .. | .. | .. | .. | .. | 3. | G | G5 |
| 1681 | Orion | — | 867 | 919 | 5899 | 5.0 | − 0 41 | 6.35 | 03 | .. | 13 | .. | .. | 16 | .. | .. | .. | .. | 08 | .. | .. | .. | 15 | 14 | K | K0 |
| 1682 | Mensa | — | 165 | .. | 5979 | 5.6 | −78 26 | 6.19 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 1683 | Camel. | — | 280 | 918 | .. | 5.9 | +73 9 | 5.76 | 03 | 01 | .. | .. | .. | 04 | 01 | .. | .. | .. | 27 | 30b | .. | 17 | 00 | 08 | A | A0 |
| 1684 | Orion | — | 759 | 920 | .. | 6.0 | +15 55 | 5.36 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 05 | 01d | .. | .. | 21 | 103 | K | K0 |
| 1685 | Orion | — | 1161 | .. | 5927 | 6.0 | − 2 22 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | G5 |
| 1686 | Camel. | — | 169 | 913 | .. | 6.1 | +79 7 | 5.16 | 03 | .. | .. | .. | .. | 06 | 04 | .. | .. | .. | 01 | 06c | .. | .. | 00 | 30 | F 8 | F8 |
| 1687 | Orion | — | 1165 | 923 | 5936 | 6.3 | − 2 37 | 5.93 | 07 | .. | .. | .. | .. | 05 | 03 | .. | .. | .. | 13 | .. | .. | .. | 02 | 17 | F | F2 |
| 1688 | Camel. | — | 857 | .. | .. | 6.4 | +59 16 | 6.36 | .. | .. | 05 | .. | .. | .. | 06 | .. | .. | .. | .. | 01c | .. | .. | .. | 24 | K | K0 |
| 1689 | Auriga | μ 11 | 1063 | 922 | .. | 6.6 | +38 22 | 4.78 | 14 | .. | .. | .. | .. | 11 | 04 | .. | 10 | .. | 37 | 22c | .. | .. | 25 | 27 | A 3 | A3 |
| 1690 | Orion | — | 974 | .. | .. | 6.6 | + 0 24 | 6.58 | .. | .. | 05 | 08 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 57 | A | B9 |
| 1691 | Orion | — | 975 | 924 | .. | 6.6 | + 0 55 | 6.07 | 15 | .. | 02 | .. | .. | 04 | 08 | .. | .. | .. | 04 | 01b | .. | .. | .. | 05 | F | F5 |
| 1692 | Auriga | — | 872 | 921 | .. | 6.7 | +53 6 | 6.16 | 04 | .. | .. | 06 | .. | 06 | 03 | .. | .. | .. | .. | 16a | .. | .. | 26 | 29 | A | A0 |
| 1693 | Lepus | — | 1092 | 925 | 5948 | 6.7 | −11 58 | 5.91 | 05 | .. | .. | .. | .. | 05 | 10 | .. | .. | .. | .. | .. | .. | .. | 11 | 47 | Mb | Mb |
| 1694 | Lepus | — | 2045 | 926 | 5950 | 6.7 | −26 2 | 6.53 | 06 | .. | .. | 01 | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 13 | 13. | K | K0 |
| 1695 | Dorado | — | 420 | 1085 | 5971 | 6.8 | −63 31 | 5.24 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | 24 | .. | 12 | 19. | Ma | Mb |
| 1696 | Lepus | ι 3 | 1095 | 927 | 5968 | 7.7 | −11 59 | 4.54 | 12 | .. | .. | .. | .. | 05 | .. | 08 | 04 | 00 | .. | .. | .. | .. | 24 | 09 | A | B9 |
| 1697 | Orion | — | 1109 | .. | 5973 | 7.9 | − 6 10 | 6.01 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | G5 |
| 1698 | Orion | ρ 17 | 888 | 928 | .. | 8.1 | + 2 45 | 4.64 | 17 | .. | .. | 16 | .. | 01 | .. | .. | 04 | .. | 24 | 06b | .. | .. | 29 | 99 | K | K0 |
| 1699 | Columb. | — | 2071 | .. | 5983 | 8.2 | −37 31 | 6.58 | .. | .. | .. | .. | .. | .. | 16 | 16 | .. | .. | .. | .. | .. | .. | .. | 13. | K 5 | K5 |
| 1700 | Mensa | — | 286 | .. | 6006 | 8.2 | −73 10 | 6.25 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | A | A0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



5h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1701 | Orion | — | 938 | .. | .. | 8.3 | + 1 51 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17b | .. | .. | .. | 00 | A | A2 |
| 1702 | Lepus | μ 5 | 1072 | 929 | 5984 | 8.4 | −16 19 | 3.30 | 01 | .. | .. | .. | .. | 02 | .. | 02 | 00 | 31 | .. | .. | .. | .. | 15 | 25 | A p | A0p |
| 1703 | Orion | — | 988 | .. | .. | 8.7 | + 0 26 | 6.54 | .. | .. | 04 | .. | .. | .. | 05 | .. | .. | .. | .. | 00c | .. | .. | .. | .. | K | K2 |
| 1704 | Orion | — | 1059 | .. | 5990 | 8.7 | − 8 16 | 6.16 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 35 | A | A0 |
| 1705 | Lepus | κ 4 | 1092 | 931 | 5987 | 8.7 | −13 3 | 4.46 | 09 | .. | .. | 01 | .. | 15 | .. | 05 | 37 | 07 | .. | .. | .. | 05 | 16 | 10 | B 8 | B8 |
| 1706 | Auriga | 14 | 922 | 930 | .. | 8.8 | +32 35 | 5.14 | 06 | .. | .. | .. | .. | 06 | 11 | .. | 21 | .. | 12 | 07c | .. | .. | 06 | 03 | A 2 | A2 |
| 1707 | Auriga | R | 882 | .. | .. | 9.2 | +53 28 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md | |
| 1708 | Auriga | α 13 | 1077 | 932 | .. | 9.3 | +45 54 | 0.21 | 03 | .. | .. | .. | .. | 03 | .. | .. | 21 | 09 | 13 | 22c | .. | .. | 01 | R | G | G0 |
| 1709 | Orion | — | 877 | 935 | .. | 9.4 | + 5 3 | 5.82 | 09 | .. | 02 | .. | .. | 07 | .. | .. | .. | .. | 20 | 11d | .. | .. | 08 | 62 | K | K0 |
| 1710 | Lepus | — | 1074 | .. | 6002 | 9.4 | −14 43 | 6.26 | .. | .. | 10 | .. | .. | 02 | 08 | .. | .. | .. | .. | .. | .. | .. | .. | .. | A 8 | A2 |
| 1711 | Taurus | 108 | 864 | .. | .. | 9.5 | +22 10 | 6.16 | .. | .. | .. | 01 | .. | 01 | .. | .. | 13 | .. | .. | 36b | .. | .. | .. | 25 | A | A0 |
| 1712 | Auriga | — | 980 | 934 | .. | 9.7 | +34 12 | 5.81 | 13 | .. | 04 | .. | .. | 08 | .. | .. | .. | .. | 23 | 29b | .. | 01 | 14 | 16 | B p | B0p |
| 1713 | Orion | β 19 | 1063 | 936 | 6004 | 9.7 | − 8 19 | 0.34 | 02 | .. | .. | 01 | .. | 06 | 06 | 02 | 01 | 01 | 37 | .. | .. | .. | 41 | R | B 8 p | B8p |
| 1714 | Cepheus | — | 78 | 916 | .. | 9.9 | +85 36 | 6.55 | 30 | .. | 26 | .. | .. | 03 | .. | .. | .. | .. | 45 | 27b | .. | 00 | 10 | 08 | A | A0 |
| 1715 | Columb. | — | 2176 | .. | 6024 | 10.2 | −35 56 | 6.97 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 62 | .. | .. | 8. | K | K0 |
| 1716 | Mensa | ξ | 106 | 1101 | 6105 | 10.2 | −82 36 | 5.85 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | 20 | 9. | K | K0 |
| 1717 | Orion | — | 837 | 939 | 6019 | 10.3 | − 1 31 | 6.12 | 12 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | 09 | .. | .. | .. | 22 | 28 | A | A2 |
| 1718 | Orion | 18 | 756 | 940 | .. | 10.5 | +11 14 | 5.50 | 06 | .. | .. | 03 | .. | 08 | .. | .. | 10 | .. | 30 | 46b | .. | .. | 10 | 01 | A | A0 |
| 1719 | Camel. | 15 | 874 | 937 | .. | 10.8 | +58 1 | 6.23 | 06 | .. | .. | .. | .. | 06 | .. | .. | R | .. | 02 | 19a | .. | 02 | 18 | 29 | B 3 | B3 |
| 1720 | Camel. | — | 742 | 938 | .. | 11.0 | +62 33 | 5.88 | 04 | 01 | .. | .. | .. | 04 | 01 | .. | .. | .. | .. | 20e | .. | 27 | 08 | 82 | K | K2 |
| 1721 | Colum. | — | 2127 | 1104 | 6038 | 11.0 | −36 5 | 5.79 | .. | 02 | .. | .. | 00 | 03 | 03 | 02 | .. | 49 | .. | .. | 26 | .. | 09 | 7. | G 5 | K0 |
| 1722 | Auriga | — | 1239 | 941 | .. | 11.1 | +42 41 | 5.88 | 16 | .. | .. | .. | .. | 11 | 05 | .. | .. | .. | .. | 14d | .. | .. | 12 | 54 | Ma | Mb |
| 1723 | Lepus | — | 2161 | 943 | 6043 | 11.4 | −27 3 | 5.04 | 33 | .. | .. | 20 | .. | 01 | .. | 13 | .. | .. | .. | .. | .. | .. | 24 | 56 | A | B9 |
| 1724 | Orion | — | 957 | .. | .. | 11.5 | + 1 50 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 41b | .. | .. | .. | 30 | A | B9 |
| 1725 | Auriga | — | 1240 | .. | .. | 11.6 | +40 21 | 6.32 | .. | .. | 00 | .. | .. | .. | 01 | .. | .. | .. | .. | 02d | .. | .. | .. | 43 | K 5 | K0 |
| 1726 | Auriga | 16 | 1000 | 942 | .. | 11.6 | +33 17 | 4.81 | 16 | .. | .. | .. | .. | 13 | 02 | .. | 09 | .. | 16 | 26d | .. | .. | 04 | 88 | K | K0 |
| 1727 | Pictor | — | 677 | .. | 6056 | 11.6 | −52 8 | 5.88 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | K 5 | K5 |
| 1728 | Auriga | 17 | 1002 | .. | .. | 11.8 | +33 39 | 6.11 | .. | .. | .. | 11 | .. | 11 | .. | .. | 26 | .. | .. | 30a | .. | .. | .. | 31 | B 9 | B9 |
| 1729 | Auriga | λ 15 | 1248 | 944 | .. | 12.1 | +40 1 | 4.85 | 10 | .. | 08 | .. | .. | 02 | 00 | .. | 05 | .. | 18 | 02d | .. | .. | 10 | 39 | G | G0 |
| 1730 | Columb. | — | 2199 | 1114 | 6062 | 12.2 | −35 2 | 6.68 | .. | .. | .. | .. | 12 | .. | 21 | 10 | .. | .. | .. | .. | .. | .. | .. | 1. | A 2 | A2 |
| 1731 | Lepus | — | 1069 | .. | 6061 | 12.3 | −17 15 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 75 | B 5 | B3 |
| 1732 | Auriga | — | 1008 | 946 | .. | 12.4 | +33 39 | 5.39 | 05 | .. | .. | 07 | .. | 03 | 08 | .. | .. | .. | 29 | 21b | .. | .. | 09 | 31 | A p | A0p |
| 1733 | Auriga | — | 1170 | .. | .. | 12.8 | +44 19 | 6.72 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 22d | .. | .. | .. | .. | K | K0 |
| 1734 | Auriga | 18 | 1010 | .. | .. | 12.8 | +33 53 | 6.52 | .. | .. | .. | .. | .. | .. | A | .. | R | .. | .. | 20a | .. | .. | .. | 32 | A | A5 |
| 1735 | Orion | τ 20 | 1028 | 948 | 6066 | 12.8 | − 6 57 | 3.68 | 03 | .. | .. | .. | .. | 06 | .. | 09 | 09 | 38 | 27 | .. | .. | .. | 00 | 15 | B 5 | B5 |
| 1736 | Auriga | — | 998 | .. | .. | 13.1 | +46 52 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18c | .. | .. | .. | 02 | A | G0 - Comp |
| 1737 | Lepus | — | 1116 | 951 | 6076 | 13.1 | −13 37 | 5.66 | 04 | .. | .. | .. | .. | 05 | .. | 10 | .. | .. | .. | .. | .. | .. | 04 | 26 | K | K0 |
| 1738 | Auriga | — | 1253 | 947 | .. | 13.3 | +40 59 | 5.46 | 12 | .. | .. | .. | .. | 01 | 10 | .. | .. | .. | 17 | 15b | .. | .. | 04 | 13 | A 3 | A3 |
| 1739 | Taurus | n 109 | 816 | 950 | .. | 13.3 | +22 0 | 5.14 | 01 | .. | .. | .. | .. | 01 | .. | .. | 31 | .. | 30 | 02d | .. | .. | 06 | 63 | K | K0 |
| 1740 | Auriga | 19 | 1013 | 949 | .. | 13.4 | +33 52 | 5.16 | 06 | .. | .. | 02 | .. | 06 | 15 | .. | 01 | .. | 26 | 01b | .. | .. | 09 | 16 | A 5 | A5 |
| 1741 | Taurus | — | 893 | .. | .. | 13.4 | +20 1 | 6.22 | .. | .. | 03 | 14 | .. | 07 | 03 | .. | .. | .. | .. | 16c | .. | .. | .. | 14 | K | K0 |
| 1742 | Pictor | — | 683 | .. | 6095 | 13.4 | −52 17 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | K | K0 |
| 1743 | Columb. | o | 2214 | 1116 | 6098 | 13.9 | −35 0 | 4.91 | .. | 07 | .. | .. | 05 | 11 | 05 | 15 | .. | .. | .. | .. | 19 | .. | 21 | 10. | K | K0 |
| 1744 | Dorado | θ | 401 | 1117 | 6119 | 13.9 | −67 18 | 4.78 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | 09 | .. | .. | 08 | .. | 00 | 15. | K | K0 |
| 1745 | Camel. | — | 195 | 945 | .. | 14.0 | +77 53 | 6.54 | 20 | .. | .. | .. | .. | 02 | 18 | .. | .. | .. | 15 | 20b | .. | .. | 22 | 38 | A | A5 |
| 1746 | Orion | 21 | 916 | 952 | .. | 14.0 | + 2 30 | 5.45 | 08 | .. | .. | 07 | .. | 06 | 05 | .. | 15 | .. | 12 | 07b | .. | 04 | 10 | R | F 8 | F5 |
| 1747 | Lepus | — | 1051 | 955 | 6109 | 14.4 | −18 14 | 5.93 | 02 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 07 | 11 | F | G0 |
| 1748 | Orion | — | 859 | 957 | 6108 | 14.6 | − 1 31 | 6.42 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 10 | .. | .. | .. | 12 | 52 | B 8 | B3 |
| 1749 | Auriga | ρ 20 | 1162 | 954 | .. | 14.7 | +41 43 | 5.12 | 02 | .. | .. | .. | .. | 02 | .. | .. | 18 | .. | 26 | 19b | .. | .. | .. | 02 | B 3 | B3 |
| 1750 | Taurus | — | 758 | .. | .. | 14.7 | +27 51 | 6.30 | .. | .. | .. | .. | .. | 07 | 06 | .. | .. | .. | .. | 22a | .. | .. | 05 | 24 | A | B9 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**5h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1751 | Camel. | 16 | 879 | 953 | .. | 14.9 | +57 27 | 5.25 | 08 | .. | .. | .. | .. | 08 | .. | .. | 55 | .. | 11 | 27a | .. | .. | 07 | 23 | A | $A_0$ |
| 1752 | Auriga | — | 869 | 956 | .. | 14.9 | +29 29 | 5.72 | 09 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | .. | 08a | .. | .. | 04 | 05 | A | $A_0$ |
| 1753 | Lepus | — | 1055 | .. | 6116 | 14.9 | −18 37 | 6.17 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 51 | A | $A$ |
| 1754 | Lepus | — | 1056 | .. | 6118 | 14.9 | −18 36 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A | $A$ |
| 1755 | Taurus | — | 902 | .. | .. | 15.0 | +19 43 | 6.44 | .. | .. | 09 | .. | .. | .. | 08 | .. | .. | .. | .. | 00c | .. | .. | .. | .. | G | $K_0$ |
| 1756 | Lepus | λ 6 | 1127 | 959 | 6117 | 15.0 | −13 17 | 4.29 | 01 | .. | .. | .. | .. | 12 | .. | 12 | 16 | 27 | .. | .. | .. | .. | 13 | 01 | B 2 | $B_1$ |
| 1757 | Lepus | ν 7 | 1132 | 960 | 6124 | 15.4 | −12 25 | 5.29 | 13 | .. | .. | .. | .. | 06 | 02 | 08 | 22 | 14 | .. | .. | .. | .. | 09 | 16 | A | $B_5$ |
| 1758 | *Columb.* | — | 2204 | 961 | 6128 | 15.4 | −27 28 | 5.75 | 07 | .. | .. | 23 | .. | 25 | 33 | 20 | .. | 14 | .. | .. | .. | .. | 17 | 31 | A | $A_0$ |
| 1759 | Orion | — | 1225 | .. | 6126 | 15.5 | − 5 28 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11 | A | $B_9$ |
| 1760 | Auriga | — | 1268 | 958 | .. | 15.7 | +40 56 | 5.57 | 03 | .. | .. | .. | .. | 10 | 08 | .. | .. | .. | 02 | 15b | .. | .. | 27 | 22 | A 2 | $A_3$ |
| 1761 | Orion | — | 857 | .. | .. | 16.1 | + 3 54 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 51b | .. | .. | .. | 11 | B 3 | $B_3$ |
| 1762 | Lepus | — | 1135 | 963 | 6141 | 16.2 | −21 20 | 4.73 | 10 | .. | .. | 03 | .. | 02 | .. | 10 | .. | 57 | .. | .. | .. | .. | 02 | 07 | A | $A_0$ |
| 1763 | Orion | — | 933 | 962 | .. | 16.4 | + 8 20 | 5.71 | 04 | .. | .. | 06 | .. | 01 | .. | .. | .. | .. | 29 | 55b | .. | .. | 09 | 11 | A | $B_2$ |
| 1764 | Orion | — | 929 | .. | 6143 | 16.5 | − 0 31 | 5.65 | .. | .. | 03 | .. | .. | 14 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | 08 | B 3 | $B_3$ |
| 1765 | Orion | o 22 | 930 | 964 | 6147 | 16.7 | − 0 29 | 4.65 | 00 | .. | .. | .. | .. | 10 | .. | 11 | 22 | .. | 12 | .. | .. | .. | 15 | 02 | B 3 | $B_3$ |
| 1766 | Columb. | — | 2198 | 1124 | 6158 | 16.7 | −34 48 | 6.42 | .. | .. | .. | .. | 08 | .. | 11 | 04 | .. | .. | .. | .. | 07 | .. | .. | 0. | F | $F_0$ |
| 1767 | Pictor | ζ | 1723 | 1127 | 6167 | 16.9 | −50 42 | 5.52 | .. | .. | .. | .. | 09 | .. | .. | 08 | .. | 26 | .. | .. | 22 | .. | 06 | 11. | F 5 | $F_8$ |
| 1768 | Auriga | 22 | 788 | .. | .. | 17.0 | +28 51 | 6.39 | .. | .. | .. | A | .. | .. | .. | .. | 49 | .. | .. | 27b | .. | .. | .. | 25 | A | $B_9$ |
| 1769 | Lepus | — | 1135 | .. | 6164 | 17.2 | −13 51 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 10 | A | $B_8$ |
| 1770 | Orion | m 23 | 871 | 966 | .. | 17.6 | + 3 27 | 4.99 | 01 | .. | .. | 08 | .. | 02 | 06 | .. | 06 | .. | 21 | 22b | .. | .. | 01 | 28 | B 3 | $B_3$ |
| 1771 | Lepus | — | 3023 | 967 | 6177 | 17.7 | −24 52 | 5.14 | 20 | .. | .. | 00 | 06 | 11 | 06 | 12 | .. | .. | .. | .. | .. | .. | 08 | 75 | F | $F_0$ Comp |
| 1772 | Columb. | — | 2207 | .. | 6182 | 17.7 | −34 26 | 6.12 | .. | .. | .. | .. | .. | .. | 09 | 10 | .. | .. | .. | .. | 07 | .. | .. | 3. | B 5 | $A_3$ $B_5$ |
| 1773 | Auriga | σ 21 | 1175 | 965 | .. | 17.9 | +37 17 | 5.22 | 02 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | 15 | 06e | .. | .. | 10 | 70 | K | $K_5$ |
| 1774 | Taurus | 110 | 765 | .. | .. | 17.9 | +16 36 | 6.09 | .. | .. | .. | 05 | .. | 05 | .. | .. | 07 | .. | .. | 29b | .. | .. | .. | 17 | A | $A_2$ |
| 1775 | Auriga | — | 954 | 968 | .. | 18.2 | +31 8 | 6.37 | 00 | .. | .. | .. | .. | 00 | .. | .. | .. | .. | 17 | 14d | .. | .. | .. | 30 | A | $K_0$ |
| 1776 | Auriga | — | 955 | 969 | .. | 18.2 | +31 3 | 5.93 | 06 | .. | .. | .. | .. | 00 | 05 | .. | .. | .. | 10 | 25a | .. | .. | .. | | | $B_9$ |
| 1777 | Orion | — | 905 | .. | .. | 18.2 | + 5 14 | 6.38 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | 46b | .. | .. | .. | 24 | A | $A_0$ |
| 1778 | Orion | — | 1107 | 971 | 6193 | 18.5 | − 8 30 | 5.83 | 01 | .. | .. | .. | .. | 04 | 06 | .. | .. | .. | .. | .. | .. | .. | 03 | 08 | A | $A_0$ |
| 1779 | Auriga | — | 1031 | .. | .. | 18.6 | +34 45 | 6.48 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | 22c | .. | .. | .. | 12 | K | $K_0$ |
| 1780 | Taurus | 111 | 920 | 970 | .. | 18.6 | +17 17 | 5.14 | 03 | .. | .. | .. | .. | 03 | .. | .. | 13 | .. | 12 | 18b | .. | .. | 06 | 36 | F 5 | $F_0$ |
| 1781 | Orion | — | 936 | .. | 6192 | 18.6 | − 0 15 | 5.64 | .. | .. | 06 | .. | .. | 13 | .. | 18 | .. | .. | .. | .. | .. | .. | .. | 01 | B 3 | $B_3$ |
| 1782 | Orion | — | 882 | .. | 6199 | 18.8 | − 0 57 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 75 | F 2 | $F_5$ |
| 1783 | Lepus | 8 | 1119 | 972 | 6207 | 18.9 | −14 1 | 5.17 | 03 | .. | 00 | .. | .. | 11 | 03 | 11 | 12 | 13 | .. | .. | .. | .. | 07 | 33 | B 3 | $B_3$ |
| 1784 | Orion | e 29 | 1064 | 973 | 6211 | 19.1 | − 7 53 | 4.21 | 09 | .. | .. | .. | .. | 05 | .. | 13 | 04 | .. | 03 | .. | .. | .. | 11 | 112 | K | $K_0$ |
| 1785 | Lepus | — | 2185 | 976 | 6216 | 19.2 | −26 48 | 6.44 | 02 | .. | .. | 01 | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 06 | 2. | F 2 | $F_5$ |
| 1786 | Orion | — | 947 | .. | .. | 19.4 | + 2 15 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32b | .. | .. | .. | 17 | B 3 | $B_3$ |
| 1787 | Orion | p 27 | 886 | 974 | 6215 | 19.4 | − 0 59 | 5.15 | 00 | .. | .. | .. | .. | 04 | 03 | R | 30 | .. | 10 | .. | .. | .. | 10 | 106 | K | $G_5$ |
| 1788 | Orion | η 28 | 1235 | 975 | 6217 | 19.4 | − 2 29 | 3.44 | 05 | .. | .. | .. | .. | 06 | .. | R | 06 | 06 | 22 | .. | .. | .. | 01 | 49 | B 1 | $B_1$ |
| 1789 | Orion | 25 | 1005 | 977 | .. | 19.6 | + 1 45 | 4.73 | 09 | .. | .. | 03 | .. | 05 | .. | .. | 06 | .. | 12 | 47b | .. | .. | 07 | 11 | B 3 p | $B_3p$ |
| 1790 | Orion | γ 24 | 919 | 979 | .. | 19.8 | + 6 16 | 1.70 | 16 | .. | .. | 06 | .. | 11 | .. | .. | 13 | 15 | 09 | 36b | .. | .. | 04 | R | B 2 | $B_2$ |
| 1791 | Taurus | β112 | 795 | 978 | .. | 20.0 | +28 31 | 1.78 | 12 | .. | .. | .. | .. | 12 | .. | .. | 00 | 33 | 01 | 23a | .. | .. | 07 | R | B 8 | $B_8$ |
| 1792 | Lepus | — | 1117 | 981 | 6234 | 20.0 | −17 3 | 5.68 | 02 | .. | .. | .. | .. | 05 | .. | 04 | .. | .. | .. | .. | .. | .. | 06 | 18 | A | $A_0$ |
| 1793 | Columb. | — | 1940 | 1141 | 6246 | 20.1 | −39 46 | 5.81 | .. | 10 | .. | .. | 12 | 07 | 19 | 23 | .. | .. | .. | .. | 24 | .. | 01 | 12. | Md | $M\alpha$ |
| 1794 | Auriga | — | 1102 | .. | .. | 20.2 | +35 23 | 6.30 | .. | .. | 08 | .. | .. | 07 | .. | .. | .. | .. | .. | 08d | .. | .. | .. | .. | K | $K_2$ |
| 1795 | Auriga | — | 1040 | .. | .. | 20.2 | +34 18 | 5.85 | .. | .. | 08 | .. | .. | 02 | 10 | .. | .. | .. | .. | 43a | .. | .. | .. | 07 | A | $A_0$ |
| 1796 | Auriga | — | 1045 | .. | .. | 20.2 | +33 11 | 6.30 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 04d | .. | .. | .. | .. | K | $K_0$ |
| 1797 | Columb. | — | 2176 | .. | 6249 | 20.2 | −37 25 | 6.87 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 42 | .. | .. | 3. | K | $G_5$ |
| 1798 | Taurus | 113 | 775 | .. | .. | 20.3 | +16 36 | 6.18 | .. | .. | .. | 03 | .. | 02 | .. | .. | 28 | .. | .. | 39b | .. | .. | .. | 25 | B 3 | $B_3$ |
| 1799 | Orion | — | 1178 | 982 | 6242 | 20.3 | −10 25 | 5.90 | 08 | .. | 01 | .. | .. | 11 | 00 | .. | .. | .. | 01 | .. | .. | .. | 10 | .. | K 5 | $K_5$ |
| 1800 | Orion | — | 945 | .. | R | 20.4 | − 0 38 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A | $B_9$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



5h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1801 | Pictor | – | 840 | .. | 6268 | 20.6 | −56 14 | 6.20 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 50 | .. | .. | 1. | A | Bq |
| 1802 | Camel. | 17 | 759 | 980 | .. | 20.7 | +62 59 | 5.75 | 01 | 04 | .. | .. | .. | 06 | 03 | .. | 02 | .. | 17 | 27d | .. | 33 | 10 | 76 | Ma | K5 |
| 1803 | Orion | – | 1056 | .. | .. | 20.7 | + 0 25 | 6.02 | .. | .. | 04 | .. | .. | 06 | 03 | .. | .. | .. | .. | 54b | .. | .. | .. | 21 | B | B3 |
| 1804 | Auriga | – | 898 | 983 | .. | 20.8 | +30 7 | 5.72 | 04 | .. | 04 | .. | .. | 08 | .. | .. | .. | .. | 12 | 14b | .. | .. | 04 | 12 | A | Bq |
| 1805 | Auriga | φ 24 | 1048 | 984 | .. | 21.0 | +34 24 | 5.26 | 04 | .. | 04 | .. | .. | 09 | 10 | .. | 24 | .. | 18 | 02d | .. | .. | 01 | 69 | G 2 | K0 |
| 1806 | Orion | – | 1247 | .. | 6264 | 21.1 | − 5 37 | 6.13 | .. | .. | 01 | .. | .. | 05 | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 25 | A | Bq |
| 1807 | Orion | – | 923 | .. | .. | 21.2 | + 6 47 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 47b | .. | .. | .. | 31 | A | Bq |
| 1808 | Taurus | 115 | 928 | 986 | .. | 21.3 | +17 53 | 5.31 | 07 | .. | .. | 06 | .. | 02 | .. | .. | 09 | .. | 38 | 34b | .. | .. | 19 | 09 | B 3 | B3 |
| 1809 | Taurus | – | 822 | .. | .. | 21.5 | +15 11 | 6.13 | .. | .. | 21 | .. | .. | .. | 21 | .. | .. | .. | .. | 33b | .. | .. | .. | 14 | A 2 | A2 |
| 1810 | Taurus | o114 | 847 | 987 | .. | 21.6 | +21 51 | 4.83 | 01 | .. | .. | .. | .. | 01 | .. | .. | 37 | .. | 23 | 22b | .. | .. | 03 | 04 | B 3 | B3 |
| 1811 | Orion | ψ 30 | 962 | 988 | .. | 21.6 | + 3 0 | 4.66 | 07 | .. | .. | 11 | .. | 18 | .. | .. | 01 | .. | 03 | 23b | .. | .. | 14 | 18 | B 2 | B2 |
| 1812 | Lepus | – | 1173 | 989 | 6285 | 21.7 | −19 47 | 5.79 | 09 | .. | 02 | .. | .. | 09 | 12 | 12 | .. | 10 | .. | .. | .. | .. | 06 | 56 | A | F5 |
| 1813 | Pictor | – | 2036 | .. | 6296 | 21.9 | −44 19 | 5.90 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 1814 | Taurus | 116 | 826 | 990 | .. | 22.0 | +15 48 | 5.51 | 04 | .. | .. | .. | .. | 04 | 07 | .. | 11 | .. | 11 | 30b | .. | .. | 11 | 05 | A | A0 |
| 1815 | Mensa | – | 134 | 1147 | 6388 | 22.1 | −81 39 | 6.48 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | 13. | K | K5 |
| 1816 | Taurus | 117 | 931 | .. | .. | 22.2 | +17 10 | 6.04 | .. | .. | .. | 20 | .. | 20 | .. | .. | 14 | .. | .. | 03d | .. | .. | .. | .. | K 5 | K5 |
| 1817 | Lepus | – | 1169 | .. | 6298 | 22.5 | −11 59 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F 5 | F5 |
| 1818 | Pictor | θ | 718 | 1149 | 6313 | 22.5 | −52 25 | 6.32 | .. | .. | .. | .. | 04 | .. | .. | 05 | .. | R | .. | .. | 97 | .. | 32 | 5. | A | A0 |
| 1819 | Orion | – | 903 | .. | .. | 22.9 | +13 37 | 6.26 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 46b | .. | .. | .. | 28 | A | A2 |
| 1820 | Orion | – | 1021 | 991 | .. | 22.9 | + 1 13 | 6.37 | 02 | .. | .. | .. | .. | 02 | 01 | .. | .. | .. | 10 | 43b | .. | .. | 17 | 15 | A | B3 |
| 1821 | Taurus | 118 | 839 | 992 | .. | 23.1 | +25 4 | 5.44 | 05 | .. | 10 | .. | .. | 07 | 00 | .. | 04 | .. | 04 | 28b | .. | .. | .. | 12 | A | A0 |
| 1822 | Auriga | – | 909 | .. | .. | 23.4 | +29 7 | 6.24 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18b | .. | .. | .. | 02 | F | F5 |
| 1823 | Lepus | – | 1174 | 993 | 6321 | 23.4 | −21 28 | 6.14 | 09 | .. | .. | 06 | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12. | K | K0 |
| 1824 | Auriga | – | 1206 | .. | .. | 23.8 | +41 23 | 6.09 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 01d | .. | .. | .. | 12 | G 2 | K0 |
| 1825 | Auriga | – | 1322 | .. | .. | 23.8 | +39 46 | 6.52 | .. | .. | 20 | .. | .. | .. | 20 | .. | .. | .. | .. | 11d | .. | .. | .. | 02 | G | K0 |
| 1826 | Orion | – | 1115 | .. | 6338 | 23.9 | − 3 24 | 6.17 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | A | Bq |
| 1827 | Columb. | – | 1884 | 1155 | 6348 | 23.9 | −41 2 | 5.85 | .. | .. | .. | .. | 09 | 02 | 04 | 07 | .. | .. | .. | .. | 20 | .. | 25 | 7. | A | A2 |
| 1828 | Camel. | 18 | 889 | .. | .. | 24.0 | +57 10 | 6.46 | .. | .. | .. | A | .. | .. | .. | .. | 04 | .. | .. | 12b | .. | .. | .. | 16 | F | G0 |
| 1829 | Lepus | β 9 | 1096 | 994 | 6344 | 24.0 | −20 50 | 2.96 | 07 | .. | 13 | .. | .. | 11 | .. | 06 | 09 | 04 | .. | .. | .. | .. | 01 | 111 | G | G0 |
| 1830 | Orion | – | 1116 | 995 | 6350 | 24.4 | − 3 32 | 6.06 | 10 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 33 | K | K0 |
| 1831 | Taurus | – | 925 | .. | .. | 24.7 | +22 23 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 07d | .. | .. | .. | .. | K | K0 |
| 1832 | Taurus | – | 837 | .. | .. | 24.7 | +15 17 | 5.78 | .. | .. | 09 | .. | .. | 06 | 03 | .. | .. | .. | .. | 46b | .. | .. | .. | 16 | A 2 | A2 |
| 1833 | Orion | – | 1032 | 999 | .. | 24.7 | + 1 42 | 5.67 | 12 | .. | .. | .. | .. | 11 | 02 | .. | .. | .. | 08 | 45b | .. | .. | 07 | 00 | A | B3 |
| 1834 | Orion | 31 | 913 | 997 | 6359 | 24.7 | − 1 11 | 4.97 | 07 | .. | .. | .. | .. | 07 | .. | .. | 32 | .. | 05 | .. | .. | .. | 37 | 99 | K 5 | K5 |
| 1835 | Columb | – | 2220 | 1160 | 6372 | 24.9 | −37 19 | 5.53 | .. | 13 | .. | .. | 13 | 04 | 08 | 14 | .. | .. | .. | .. | 27 | .. | 27 | 4. | A | A0 |
| 1836 | Dorado | λ | 472 | 1162 | 6387 | 24.9 | −59 0 | 5.06 | .. | .. | .. | 04 | .. | .. | .. | 05 | .. | 15 | .. | .. | 09 | .. | 08 | 14. | K 8 | G5 |
| 1837 | Orion | – | 949 | .. | .. | 25.1 | + 4 7 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15d | .. | .. | .. | .. | K 5 p | K0 |
| 1838 | Columb. | – | 2421 | 1165 | 6385 | 25.3 | −30 12 | 6.62 | .. | .. | .. | 38 | .. | 34 | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 12. | K | K0 |
| 1839 | Orion | A32 | 939 | 1000 | .. | 25.4 | + 5 52 | 4.32 | 02 | .. | .. | 14 | .. | 13 | .. | .. | 02 | .. | 04 | 16b | .. | .. | 02 | 08 | B 3 | B3 |
| 1840 | Orion | – | 1099 | .. | 6383 | 25.5 | − 7 31 | 6.24 | .. | .. | .. | 04 | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 07 | F | B3 |
| 1841 | Auriga | T | .. | .. | .. | 25.6 | +30 22 | nov. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Pec. | Pec |
| 1842 | Orion | n¹ 33 | 948 | 1002 | .. | 26.0 | + 3 13 | 5.52 | 02 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | 13 | 23b | .. | .. | 12 | 39 | B 3 | B3 |
| 1843 | Auriga | χ 25 | 1024 | 1001 | .. | 26.2 | +32 7 | 4.88 | 12 | .. | .. | .. | .. | 03 | 16 | .. | 32 | .. | 20 | 04c | .. | .. | 12 | 16 | B 1 | B1 |
| 1844 | Camel. | – | 252 | 998 | .. | 26.3 | +74 59 | 6.36 | 01 | .. | 14 | .. | .. | 00 | 11 | .. | .. | .. | .. | 11d | .. | .. | 01 | 13 | F | K5 |
| 1845 | Taurus | 119 | 875 | 1003 | .. | 26.3 | +18 32 | 4.73 | 16 | .. | .. | .. | .. | 03 | 18 | .. | 07 | .. | 13 | 19d | .. | .. | 23 | 123 | Ma | Ma |
| 1846 | Auriga | – | 1218 | .. | .. | 26.4 | +42 2 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32b | .. | .. | .. | 22 | A | B8 |
| 1847 | Taurus | – | 794 | 1004 | .. | 26.4 | +16 59 | 5.49 | 02 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 18 | Rb | .. | .. | 01 | 01 | B 9 | Bq |
| 1848 | Orion | – | 1207 | .. | 6397 | 26.5 | − 6 47 | 6.03 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 04 | A | B3 |
| 1849 | Lepus | 10 | 1105 | 1006 | 6404 | 26.8 | −20 56 | 5.50 | 14 | .. | 03 | .. | .. | 04 | 06 | 14 | 00 | .. | .. | .. | .. | .. | 00 | 17 | A | A0 |
| 1850 | Auriga | – | 1028 | .. | .. | 26.9 | +32 44 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18a | .. | .. | .. | 34 | A | A0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**5h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1851 | Orion | δ 34 | 983 | 1005 | 6401 | 26.9 | − 0 22 | 6.87 | 10 | .. | .. | .. | .. | 13 | .. | 02 | 08 | 09 | 44 | .. | .. | .. | 14 | R | B | B0 |
| 1852 | Orion | | | | | 26.9 | − 0 22 | 2.48 | | | | | | | | | | | | | | | | | | |
| 1853 | Camel. | — | 401 | .. | .. | 27.0 | +66 38 | 6.24 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 24b | .. | .. | .. | 14 | A | A5 |
| 1854 | Auriga | — | 1083 | .. | .. | 27.0 | +34 39 | 6.05 | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | 52b | .. | .. | .. | 07 | A | A2 |
| 1855 | Orion | υ 36 | 1106 | 1007 | 6407 | 27.1 | − 7 23 | 4.64 | 02 | .. | .. | 19 | .. | 13 | 16 | 10 | 19 | .. | 54 | .. | .. | .. | 01 | 09 | B | B3 |
| 1856 | Pictor | — | 1884 | 1174 | 6423 | 27.4 | −47 9 | 5.54 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | 16 | 10. | G 2 | G5 |
| 1857 | Camel. | 19 | 536 | .. | .. | 27.6 | +64 6 | 6.03 | .. | .. | 09 | .. | .. | 02 | 12 | .. | 17 | .. | .. | 37b | .. | 15 | .. | 18 | A | B9 |
| 1858 | Taurus | 120 | 877 | 1008 | .. | 27.6 | +18 29 | 5.50 | 18 | .. | .. | .. | .. | 07 | 12 | .. | 20 | .. | .. | 42b | .. | .. | 10 | 06 | A | B3 |
| 1859 | Dorado | — | 375 | .. | 6441 | 27.6 | −68 42 | 6.15 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | A 5 | F0 |
| 1860 | Taurus | — | 989 | .. | .. | 27.7 | +20 24 | 6.09 | .. | .. | 06 | .. | .. | 02 | 03 | .. | .. | .. | .. | 27a | .. | .. | .. | 02 | A | B8 |
| 1861 | Orion | — | 935 | 1010 | 6417 | 27.7 | − 1 40 | 5.30 | 10 | .. | .. | .. | .. | 03 | 08 | .. | .. | .. | 06 | .. | .. | 15 | 05 | 10 | B 2 | B2 |
| 1862 | Colum. | ε | 2348 | 1176 | 6427 | 27.7 | −35 33 | 3.92 | 14 | 07 | .. | .. | 06 | 03 | 13 | 06 | .. | 00 | .. | .. | 08 | .. | 12 | 19. | K | K0 |
| 1863 | Orion | — | 939 | .. | R | 28.1 | − 1 48 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 46 | B 3 | B3 |
| 1864 | Orion | 35 | 947 | 1012 | .. | 28.2 | +14 15 | 5.58 | 09 | .. | .. | .. | .. | 08 | .. | .. | 22 | .. | 06 | 16b | .. | .. | 13 | 10 | B 3 | B3 |
| 1865 | Lepus | α 11 | 1166 | 1014 | 6436 | 28.3 | −17 54 | 2.69 | 02 | .. | .. | .. | .. | 04 | 05 | 03 | 01 | 00 | .. | .. | .. | .. | 06 | 72 | F | F0 |
| 1866 | Auriga | — | 914 | 1009 | .. | 28.4 | +54 20 | 5.96 | 00 | .. | .. | .. | .. | 03 | 02 | .. | .. | .. | .. | 26d | .. | .. | 04 | 63 | K | K5 |
| 1867 | Dorado | — | 479 | .. | 6457 | 28.4 | −62 23 | 6.49 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K | K2 |
| 1868 | Orion | — | 943 | .. | 6434 | 28.5 | − 1 14 | 5.37 | .. | .. | .. | .. | .. | 04 | 15 | 19 | .. | .. | .. | .. | .. | .. | .. | 29 | B 2 | B2 |
| 1869 | Auriga | — | 1178 | 1013 | .. | 28.7 | +47 40 | 6.05 | 02 | .. | .. | .. | .. | 12 | 09 | .. | .. | .. | .. | 35b | .. | 07 | 07 | 00 | A | F0 |
| 1870 | Pictor | — | 1892 | 1182 | 6454 | 28.7 | −46 0 | 5.80 | .. | .. | .. | .. | 05 | R | .. | 06 | .. | .. | .. | .. | .. | .. | 45 | 20. | K 5 | K2 |
| 1871 | Orion | — | 1058 | .. | .. | 28.8 | + 1 20 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 38b | .. | .. | .. | 20 | A | B5 |
| 1872 | Orion | n² 38 | 964 | 1015 | .. | 29.0 | + 3 42 | 5.32 | 01 | .. | .. | 01 | .. | 01 | .. | .. | 07 | .. | 07 | 30b | .. | .. | 02 | 01 | A | A2 |
| 1873 | Orion | — | 949 | .. | 6444 | 29.0 | − 1 6 | 6.18 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 15 | B 3 | B3 |
| 1874 | Orion | — | 950 | .. | 6445 | 29.0 | − 1 32 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 02 | K | K0 |
| 1875 | Taurus | 121 | 954 | 1016 | .. | 29.3 | +23 58 | 5.28 | 15 | .. | .. | .. | .. | 14 | .. | .. | 12 | .. | 49 | 26b | .. | .. | 12 | 09 | B 3 | B3 |
| 1876 | Orion | φ¹ 37 | 877 | 1017 | .. | 29.3 | + 9 25 | 4.53 | 13 | .. | .. | 01 | .. | 12 | .. | .. | 03 | .. | 02 | 15b | .. | .. | 08 | 01 | B | B0 |
| 1877 | Columb. | — | 2085 | 1186 | 6465 | 29.4 | −38 35 | 5.45 | .. | 22 | .. | .. | 12 | 06 | 03 | 06 | .. | .. | .. | .. | 45 | .. | 00 | 16. | K | K2 |
| 1878 | Taurus | — | 806 | .. | .. | 29.6 | +27 36 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 21e | .. | .. | .. | .. | K | K0 |
| 1879 | Orion | λ 39 | 879 | 1019 | .. | 29.6 | + 9 52 | 3.66 | 00 | .. | .. | 00 | .. | 01 | .. | .. | 11 | 21 | 03 | 21b | .. | .. | 04 | 03 | Oe 5 | Oe5 |
| 1880 | Orion | | | 1020 | .. | 29.6 | + 9 52 | 5.56 | | | | | | | | | | | | | | | | | | |
| 1881 | Columb. | — | 2367 | 1187 | 6466 | 29.6 | −35 13 | 5.75 | .. | .. | .. | .. | 15 | .. | 21 | 07 | .. | .. | .. | .. | 40 | .. | .. | 10. | K | K0 |
| 1882 | Dorado | — | 452 | .. | 6494 | 29.6 | −64 0 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 53 | .. | .. | 4. | A 5 | F0 |
| 1883 | Orion | — | 818 | 1018 | .. | 29.7 | +10 10 | 5.59 | 09 | .. | 08 | .. | .. | 01 | .. | .. | .. | .. | .. | 29a | .. | .. | 11 | 20 | A | B8 |
| 1884 | Auriga | — | 1346 | .. | .. | 29.8 | +40 7 | 6.18 | .. | .. | 04 | .. | .. | 02 | 05 | .. | .. | .. | .. | 03d | .. | .. | .. | .. | G | K0 |
| 1885 | Cepheus | — | 80 | 996 | .. | 29.9 | +85 9 | 6.41 | 01 | .. | 14 | .. | .. | 12 | .. | .. | .. | .. | 10 | 22d | .. | .. | 28 | 79 | K 5 | K0 |
| 1886 | Orion | — | 1233 | 1021 | 6469 | 30.1 | − 6 5 | 5.58 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | 34 | B 1 | B1 |
| 1887 | Orion | — | 1234 | | 6471 | 30.1 | − 6 5 | 4.67 | 20 | .. | .. | 20 | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | 22 | | B 1 | B1 |
| 1888 | Columb. | — | 2348 | 1022 | 6476 | 30.1 | −29 55 | 6.34 | 15 | .. | .. | .. | .. | 12 | 02 | .. | .. | .. | .. | .. | .. | .. | 32 | 3. | A | A0 |
| 1889 | Taurus | — | 879 | .. | .. | 30.3 | +25 53 | 6.32 | .. | .. | 16 | .. | .. | 15 | .. | .. | .. | .. | .. | 42c | .. | .. | .. | .. | F | F5 |
| 1890 | Orion | — | 1183 | .. | 6481 | 30.4 | − 4 34 | 6.54 | .. | .. | 14 | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | B | B0 |
| 1891 | Orion | — | 1184 | .. | 6482 | 30.4 | − 4 29 | 6.28 | .. | .. | 07 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 69 | B | B0 |
| 1892 | Orion | c 42 | 1185 | 1025 | 6483 | 30.4 | − 4 54 | 4.65 | 05 | .. | 02 | .. | .. | 03 | 10 | 10 | 05 | .. | 80 | .. | .. | .. | .. | 09 | B 3 | B3 |
| 1893 | Orion | θ¹ 41 | 1315 | 1023 | 6478 | 30.4 | − 5 27 | 6.84 | 35 | .. | 16 | 32 | .. | 15 | .. | .. | 36 | 53 | 15 | .. | .. | .. | .. | 07 | Oe 5 | Oe5 |
| 1894 | Orion | | | | | 30.4 | − 5 27 | 7.93 | | | | | | | | | | | | | | | | | | |
| 1895 | Orion | | | | | 30.4 | − 5 27 | 5.36 | | | | | | | | | | | | | | | | | | |
| 1896 | Orion | | | | | 30.4 | − 5 27 | 6.85 | | | | | | | | | | | | | | | | | | |
| 1897 | Orion | θ² 43 | 1319 | 1024 | 6484 | 30.5 | − 5 29 | 5.17 | 27 | .. | 11 | .. | .. | 17 | .. | .. | 27 | .. | 03 | .. | .. | .. | .. | 29 | B 1 | B1 |
| 1898 | Orion | — | 1186 | .. | 6487 | 30.5 | − 4 26 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 45 | B 5 | B5 |
| 1899 | Orion | ι 44 | 1241 | 1027 | 6486 | 30.5 | − 5 59 | 2.87 | 10 | .. | .. | .. | .. | 10 | .. | R | 13 | 21 | 32 | .. | .. | .. | 05 | R | Oe 5 | Oe5 |
| 1900 | Orion | — | 1146 | .. | 6489 | 30.6 | − 3 19 | 6.33 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | A | B5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



5h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1901 | Orion | 45 | 1188 | 1026 | 6493 | 30.7 | − 4 55 | 5.28 | 33 | .. | 15 | .. | .. | 04 | 05 | 10 | 28 | .. | 50 | .. | .. | .. | .. | 22 | F | F0 |
| 1902 | Taurus | — | 870 | .. | .. | 30.9 | +26 52 | 5.70 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 36a | .. | .. | .. | 02 | A | B8 |
| 1903 | Orion | ε 46 | 969 | 1029 | 6501 | 31.1 | − 1 16 | 1.75 | 01 | .. | .. | 21 | .. | 01 | .. | 21 | 09 | 08 | 10 | .. | .. | .. | 13 | R | B | B0 |
| 1904 | Auriga | — | 1102 | .. | .. | 31.2 | +33 30 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 00c | .. | .. | .. | .. | K 2 | K0 |
| 1905 | Taurus | 122 | 822 | 1028 | .. | 31.3 | +16 59 | 5.39 | 02 | .. | .. | .. | .. | 05 | 07 | .. | 11 | .. | 21 | 45b | .. | .. | 11 | 33 | A 5 | A5 |
| 1906 | Orion | — | 1334 | .. | 6503 | 31.3 | − 5 43 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 47 | B 3 | B3 |
| 1907 | Orion | φ²40 | 898 | 1030 | .. | 31.4 | + 9 15 | 4.39 | 03 | .. | .. | 05 | .. | 07 | .. | .. | 12 | .. | 27 | 19c | .. | .. | 01 | 89 | K | K0 |
| 1908 | Orion | — | 828 | .. | .. | 31.5 | +10 58 | 6.10 | .. | .. | 12 | 11 | .. | 01 | .. | .. | .. | .. | .. | 06d | .. | .. | .. | .. | G 8 | K0 |
| 1909 | Columb. | — | 2414 | 1195 | 6515 | 31.6 | −33 9 | 5.74 | .. | 06 | .. | .. | 05 | 02 | 09 | 07 | .. | 44 | .. | .. | .. | .. | 06 | 12. | G 5 | K0 |
| 1910 | Taurus | ζ123 | 908 | 1032 | .. | 31.7 | +21 5 | 3.00 | 02 | .. | .. | .. | .. | 02 | .. | .. | 37 | .. | 00 | 29b | .. | .. | 02 | 37 | B 3 | B3 |
| 1911 | Orion | — | 1255 | .. | 6512 | 31.7 | − 6 8 | 5.62 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14 | B 3 | B3 |
| 1912 | Pictor | — | 854 | 1197 | 6530 | 31.8 | −54 58 | 6.35 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | 9. | F | F5 |
| 1913 | Orion | — | 1016 | .. | .. | 31.9 | + 8 53 | 6.09 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 41b | .. | .. | .. | 03 | B 3 | B3 |
| 1914 | Auriga | 26 | 963 | 1033 | .. | 32.2 | +30 26 | 5.49 | 07 | .. | .. | .. | .. | 07 | 00 | .. | 08 | .. | 14 | 11c | .. | .. | 11 | 23 | A | A2 |
| 1915 | Columb. | — | 2298 | 1034 | 6531 | 32.3 | −28 46 | 6.15 | 10 | .. | .. | 03 | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | 23 | 7. | A 2 | A0 |
| 1916 | Camel. | — | 485 | 1031 | .. | 32.4 | +65 38 | 5.78 | 00 | 01 | .. | .. | .. | 01 | 00 | .. | .. | .. | 09 | 08c | .. | 14 | 17 | 58 | K | K0 |
| 1917 | Dorado | — | 456 | 1198 | 6553 | 32.4 | −64 18 | 5.30 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | 00 | .. | 15 | 8. | K p | K5 |
| 1918 | Orion | — | 1262 | .. | 6533 | 32.5 | − 6 0 | 5.75 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14 | B 1 | B1 |
| 1919 | *Lepus* | — | 1238 | 1036 | 6532 | 32.5 | −11 50 | 6.02 | 03 | .. | .. | .. | .. | 05 | 07 | .. | .. | .. | 05 | .. | .. | .. | 03 | 27 | A | A0 |
| 1920 | Orion | — | 953 | 1035 | .. | 32.6 | + 7 29 | 5.70 | 08 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 14 | 42b | .. | .. | 10 | 15 | A | B8 |
| 1921 | Taurus | — | 884 | .. | .. | 32.7 | +26 34 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 12c | .. | .. | .. | .. | G 5 | K0 |
| 1922 | Dorado | β | 487 | 1199 | 6561 | 32.8 | −62 33 | 3.81 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | 00 | .. | .. | 24 | .. | 06 | 21. | F 5 | F5 |
| 1923 | Orion | — | 1196 | .. | 6542 | 32.9 | −4 52 | 6.32 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 14 | B 1 | B1 |
| 1924 | Auriga | — | 947 | .. | .. | 33.0 | +29 10 | 6.00 | .. | .. | 11 | .. | .. | 06 | 05 | .. | .. | .. | .. | 18b | .. | .. | .. | 18 | A | B5 |
| 1925 | Auriga | — | 934 | .. | .. | 33.2 | +53 26 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 01c | .. | .. | .. | 28 | G 2 | K0 |
| 1926 | *Columb.* | ν¹ | 2389 | 1038 | 6555 | 33.4 | −27 56 | 5.95 | 27 | .. | .. | 06 | .. | 22 | .. | .. | .. | .. | .. | .. | .. | .. | 03 | 10. | A 5 | A5 |
| 1927 | Pictor | — | 1940 | .. | 6565 | 33.4 | −47 22 | 6.04 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | K 5 | K0 |
| 1928 | Taurus | 125 | 902 | 1037 | .. | 33.5 | +25 50 | 5.00 | 07 | .. | .. | .. | .. | 07 | .. | .. | 50 | .. | 07 | 43b | .. | 23 | .. | 05 | B 3 | B3 |
| 1929 | Taurus | — | 918 | .. | .. | 33.5 | +21 42 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28b | .. | .. | .. | 27 | A 2 | A2 |
| 1930 | Pictor | — | 526 | .. | 6581 | 33.6 | −58 56 | 6.49 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K | K2 |
| 1931 | Orion | σ 48 | 1326 | 1039 | 6558 | 33.7 | − 2 39 | 3.78 | 04 | .. | .. | .. | .. | 06 | 09 | 08 | 18 | 51 | 10 | .. | .. | .. | 06 | 22 | B | B0 |
| 1932 | Orion | — | 1327 | .. | 6559 | 33.8 | − 2 39 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A | B3 |
| 1933 | Orion | — | 1275 | .. | 6562 | 33.8 | − 6 38 | 5.92 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 43 | A | B3 |
| 1934 | Orion | ω 47 | 1002 | 1040 | .. | 33.9 | + 4 4 | 4.54 | 04 | .. | .. | 03 | .. | 03 | 03 | .. | 14 | .. | 21 | 23b | .. | .. | 04 | 05 | B 3 | B3 |
| 1935 | Columb. | ν² | 2321 | 1042 | 6574 | 33.9 | −28 45 | 5.32 | 07 | .. | .. | 03 | .. | 01 | 10 | 04 | .. | .. | .. | .. | .. | .. | 17 | 10. | F 2 | F2 |
| 1936 | Dorado | — | 488 | .. | 6589 | 33.9 | −61 14 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | K | K0 |
| 1937 | Orion | d 49 | 1142 | 1041 | 6573 | 34.0 | − 7 16 | 4.88 | 08 | .. | .. | .. | .. | 11 | .. | 03 | 07 | .. | 30 | .. | .. | .. | 04 | 05 | A 3 | A3 |
| 1938 | Auriga | — | 1048 | .. | .. | 34.1 | +31 18 | 5.96 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34a | .. | .. | .. | 13 | A | B8 |
| 1939 | Auriga | — | 1049 | .. | .. | 34.2 | +31 52 | 6.72 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33e | .. | .. | .. | .. | Ma | Ma |
| 1940 | Orion | — | 1166 | 1043 | 6582 | 34.5 | − 3 37 | 5.97 | 01 | .. | .. | .. | .. | 05 | 03 | .. | .. | .. | 10 | .. | .. | .. | 08 | 03 | B | A5 |
| 1941 | Auriga | 24 | 1050 | .. | .. | 34.6 | +56 33 | 6.19 | .. | .. | .. | 06 | .. | 01 | 04 | .. | 18 | .. | .. | 04d | .. | .. | .. | 13 | K | K0 |
| 1942 | Orion | — | 1197 | .. | 6588 | 34.8 | − 9 46 | 6.36 | .. | .. | 00 | .. | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 26 | A | B5 |
| 1943 | Camel. | 23 | 816 | .. | .. | 34.9 | +61 26 | 6.39 | .. | .. | .. | A | .. | .. | .. | .. | 11 | .. | .. | 01c | .. | .. | .. | 05 | K | K5 |
| 1944 | Lepus | — | 1199 | .. | 6594 | 34.9 | −17 54 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 08 | A | B9 |
| 1945 | Auriga | — | 953 | .. | .. | 35.0 | +29 26 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | Ra | .. | .. | .. | 52 | A | A |
| 1946 | Taurus | 126 | 841 | 1044 | .. | 35.5 | +16 29 | 4.87 | 06 | .. | .. | 04 | .. | 10 | .. | .. | 03 | .. | 23 | 25b | .. | .. | 15 | 18 | B 3 | B3 |
| 1947 | Columb. | — | 1999 | 1212 | 6623 | 35.5 | −40 46 | 5.81 | .. | .. | .. | .. | 12 | 01 | 22 | 10 | .. | .. | .. | .. | 14 | .. | 06 | 7. | A | B8 |
| 1948 | Orion | ζ 50 | 1338 | 1045 | 6614 | 35.7 | − 2 0 | 2.05 | 02 | .. | .. | .. | .. | 02 | .. | 04 | 09 | 07 | 11 | .. | .. | .. | 05 | R | B | B0 |
| 1949 | Orion | | | 1046 | | 35.7 | − 2 0 | 4.21 | | | | | | | | | | | | | | | | | | |
| 1950 | Orion | — | 1337 | .. | 6611 | 35.7 | − 2 53 | 6.07 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 07 | A | B5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....



**5h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 1951 | Taurus | — | 1007 | .. | .. | 35.8 | +23 16 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 35a | .. | .. | .. | 46 | A | Bq |
| 1952 | Orion | — | 1004 | 1047 | 6616 | 35.8 | − 1 11 | 5.00 | 06 | .. | .. | 10 | .. | 06 | .. | 10 | .. | .. | 27 | .. | .. | .. | 08 | 09 | B 3 | B3 |
| 1953 | Mensa | γ | 333 | 1214 | 6674 | 35.8 | −76 25 | 5.06 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | 15 | .. | .. | 09 | .. | 08 | 20. | K | K0 |
| 1954 | Taurus | — | 996 | .. | .. | 36.0 | +22 37 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03d | .. | .. | .. | .. | K | K2 |
| 1955 | Orion | — | 1152 | .. | .. | 36.0 | + 0 17 | 5.99 | .. | .. | 01 | .. | .. | 02 | 02 | .. | .. | .. | .. | 18c | .. | .. | .. | 12 | A | A5 |
| 1956 | Columb. | α | 2375 | 1217 | 6633 | 36.0 | −34 8 | 2.75 | 03 | 24 | .. | .. | 01 | 20 | 06 | 07 | .. | 08 | .. | .. | 25 | .. | 00 | 3. | B 5 p | B5p |
| 1957 | Orion | — | 1258 | .. | 6627 | 36.1 | −10 28 | 6.36 | .. | .. | 00 | .. | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 67 | A | B8 |
| 1958 | Columb. | — | 2479 | 1218 | 6637 | 36.1 | −32 41 | 5.53 | .. | 01 | .. | .. | 14 | 04 | 12 | 02 | .. | 23 | .. | .. | 03 | .. | 02 | 9. | G 5 | K0 |
| 1959 | Orion | — | 1346 | .. | 6645 | 36.7 | − 2 57 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 09 | A 5 | F0 |
| 1960 | Dorado | — | 439 | .. | 6679 | 36.9 | −66 37 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | A | A0 |
| 1961 | Taurus | — | 1015 | 1049 | .. | 37.2 | +23 10 | 6.06 | 07 | .. | .. | .. | .. | 08 | 01 | .. | .. | .. | 02 | 47a | .. | .. | .. | 21 | A | B3 |
| 1962 | Lepus | — | 1208 | .. | 6658 | 37.2 | −16 46 | 6.10 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 16 | A | B5 |
| 1963 | Orion | b 51 | 1105 | 1050 | .. | 37.3 | + 1 26 | 5.24 | 02 | .. | .. | .. | .. | 02 | .. | .. | 04 | .. | 25 | 12d | .. | .. | 16 | 63 | K p | G5 |
| 1964 | Mensa | — | 316 | 1223 | 6694 | 37.3 | −73 48 | 5.61 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | 29 | .. | 14 | 24. | Mb | Mb |
| 1965 | Lepus | — | 1214 | .. | 6670 | 37.8 | −17 34 | 6.33 | .. | .. | .. | 01 | .. | 05 | 05 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 1966 | Columb. | — | 2483 | .. | 6676 | 37.8 | −33 27 | 6.38 | .. | .. | .. | .. | .. | .. | 09 | 10 | .. | .. | .. | .. | 18 | .. | .. | 2. | A | A0 |
| 1967 | Orion | — | 1293 | 1053 | 6672 | 38.0 | − 6 51 | 5.98 | 01 | .. | .. | .. | .. | 01 | 03 | .. | .. | .. | 06 | .. | .. | .. | 22 | 14 | F | F5 |
| 1968 | Lepus | 12 | 1194 | 1054 | 6681 | 38.0 | −22 25 | 5.86 | 13 | .. | .. | 07 | .. | 07 | .. | .. | 16 | .. | .. | .. | .. | .. | .. | 10 | A | A2 |
| 1969 | Auriga | 26 | 1058 | 1051 | .. | 38.1 | +56 5 | 6.06 | 03 | .. | .. | .. | .. | 04 | .. | .. | 24 | .. | .. | 02b | .. | .. | .. | 20 | A | A2 |
| 1970 | Orion | — | 1012 | .. | 6673 | 38.1 | − 1 39 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 36 | K | K2 |
| 1971 | Auriga | o 27 | 1398 | 1052 | .. | 38.2 | +49 47 | 5.52 | 07 | .. | .. | .. | .. | 08 | .. | .. | 02 | .. | 18 | 26b | .. | .. | 12 | 32 | A | A0 |
| 1972 | Columb. | — | 2571 | 1231 | 6690 | 38.4 | −30 35 | 6.22 | .. | 18 | .. | .. | 03 | 13 | R | 07 | .. | .. | .. | .. | 02 | .. | 17 | 10. | A | A0 |
| 1973 | Columb. | — | 2401 | 1232 | 6693 | 38.7 | −34 43 | 5.31 | .. | 11 | .. | .. | 08 | 07 | 02 | 13 | .. | .. | .. | .. | .. | 08 | 14 | 1. | A | B9 |
| 1974 | Auriga | — | 1403 | .. | .. | 38.9 | +40 28 | 6.48 | .. | .. | 01 | .. | .. | .. | 01 | .. | .. | .. | .. | 24b | .. | .. | .. | 36 | A | A3 |
| 1975 | Lepus | — | 1172 | 1055 | 6695 | 39.0 | −18 36 | 5.75 | 25 | .. | .. | .. | .. | 17 | 13 | 05 | .. | .. | .. | .. | .. | .. | 25 | 09 | A | B9 |
| 1976 | Camel. | — | 784 | .. | .. | 39.6 | +62 46 | 6.13 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 35b | .. | .. | .. | 42 | A | A2 |
| 1977 | Taurus | Y | 1083 | .. | .. | 39.7 | +20 39 | var. | .. | .. | .. | V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | N | N |
| 1978 | Orion | — | 1025 | 1056 | .. | 39.7 | + 3 58 | 6.14 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 05 | 32c | .. | .. | 06 | 06 | A | F0 |
| 1979 | Auriga | — | 1396 | .. | .. | 40.1 | +42 30 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04d | .. | .. | .. | 29 | K | K0 |
| 1980 | Lepus | — | 1171 | .. | 6725 | 40.2 | −20 10 | 6.44 | .. | .. | 04 | .. | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 10. | F 5 | B0 |
| 1981 | Columb. | — | 2140 | .. | 6736 | 40.2 | −39 27 | 6.29 | .. | .. | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | .. | .. | .. | .. | 9. | A | F0 |
| 1982 | Lepus | — | 1210 | .. | R | 40.3 | −22 27 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14 | K | G5 |
| 1983 | Lepus | γ 13 | 1211 | 1057 | 6733 | 40.3 | −22 29 | 3.80 | 04 | .. | .. | 01 | .. | 06 | 12 | 14 | 05 | 05 | .. | .. | .. | .. | 18 | 70 | F 8 | F8 |
| 1984 | Pictor | — | 2131 | .. | 6756 | 40.8 | −45 52 | 6.33 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33 | .. | .. | 2. | A 5 | F0 |
| 1985 | Taurus | 129 | 926 | .. | .. | 41.0 | +15 47 | 5.91 | .. | .. | 04 | .. | .. | 04 | .. | .. | 01 | .. | .. | 29b | .. | .. | .. | 08 | A | B8 |
| 1986 | Orion | — | 1235 | .. | 6750 | 41.1 | − 4 18 | 6.42 | .. | .. | 01 | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 1987 | Orion | — | 954 | 1059 | .. | 41.4 | + 9 29 | 5.89 | 07 | .. | .. | 03 | .. | 05 | .. | .. | .. | .. | 13 | 15d | .. | .. | 09 | 37 | G | G5 |
| 1988 | Orion | — | 1126 | 1062 | .. | 41.4 | + 1 9 | 6.14 | 18 | .. | 07 | .. | .. | 12 | .. | .. | .. | .. | 02 | 16c | .. | .. | 06 | 33 | F 8 | G5 |
| 1989 | Taurus | 131 | 1025 | 1061 | .. | 41.5 | +14 28 | 5.67 | 00 | .. | 12 | .. | .. | 13 | .. | .. | 17 | .. | .. | 36b | .. | .. | 23 | 16 | A | A2 |
| 1990 | Taurus | 130 | 1004 | 1060 | .. | 41.6 | +17 42 | 5.51 | 01 | .. | .. | 10 | .. | 19 | 07 | .. | 01 | .. | 03 | 20b | .. | 02 | 11 | 49 | A | F0 |
| 1991 | Mensa | ι | 195 | 1250 | 6827 | 41.8 | −78 52 | 6.14 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | 24 | .. | 06 | 1. | A | B9 |
| 1992 | Auriga | 29 | 1065 | .. | .. | 42.0 | +56 53 | 6.38 | .. | .. | .. | A | .. | .. | .. | .. | 12 | .. | .. | 36b | .. | .. | .. | 26 | A | A2 |
| 1993 | Taurus | 133 | 979 | 1064 | .. | 42.0 | +13 52 | 5.20 | 04 | .. | .. | .. | .. | 04 | .. | .. | 00 | .. | 93 | 38b | .. | .. | 05 | 129 | A | B5 |
| 1994 | Camel. | — | 412 | 1058 | .. | 42.2 | +68 26 | 6.40 | 06 | .. | .. | 03 | .. | 06 | 01 | .. | .. | .. | 18 | 06d | .. | .. | 10 | 08 | K | K0 |
| 1995 | Auriga | τ 29 | 1418 | 1063 | .. | 42.3 | +39 9 | 4.64 | 04 | .. | .. | .. | .. | 16 | 11 | .. | 06 | .. | 19 | 06d | .. | .. | 04 | 14 | K | K0 |
| 1996 | Columb. | μ | 2538 | 1253 | 6780 | 42.3 | −32 20 | 5.20 | .. | 13 | .. | .. | 16 | 01 | 14 | 13 | .. | 28 | .. | .. | 15 | .. | 18 | 6. | A 2 | B2 |
| 1997 | Taurus | — | 1105 | .. | .. | 42.4 | +20 50 | 5.94 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30a | .. | .. | .. | 17 | A | B9 |
| 1998 | Lepus | ζ 14 | 1232 | 1065 | 6778 | 42.4 | −14 52 | 3.67 | 07 | .. | 01 | 02 | .. | 17 | 03 | 05 | 03 | 03 | .. | .. | .. | 09 | 03 | 34 | A 2 | A2 |
| 1999 | Orion | 52 | 1027 | 1066 | .. | 42.6 | + 6 25 | 5.27 | 01 | .. | .. | 03 | .. | 06 | 08 | .. | 02 | .. | 09 | 25b | .. | 12 | .. | 37 | A | A3 |
| 2000 | Lepus | — | 1244 | .. | 6783 | 42.6 | −16 16 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | G0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



5h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalouge Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 2001 | Orion | — | 1281 | .. | 6785 | 42.8 | −10 34 | 6.00 | .. | .. | 15 | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 61 | A 3 |
| 2002 | Taurus | 132 | 970 | 1067 | .. | 42.9 | +24 32 | 5.02 | 07 | .. | .. | .. | .. | 08 | 02 | .. | 16 | .. | 28 | 02d | .. | .. | 07 | 55 | K |
| 2003 | Auriga | — | 1117 | .. | .. | 43.0 | +51 29 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 00c | .. | .. | .. | 25 | K |
| 2004 | Orion | κ 53 | 1235 | 1068 | 6788 | 43.0 | − 9 42 | 2.20 | 02 | .. | 03 | .. | .. | 00 | 15 | 10 | 15 | 14 | 22 | .. | .. | .. | 09 | R | B |
| 2005 | Columb. | — | 2449 | 1069 | 6800 | 43.2 | −28 40 | 6.05 | 30 | .. | .. | 03 | .. | 14 | 01 | 14 | .. | .. | .. | .. | .. | .. | 15 | 3. | A p |
| 2006 | Camel. | 30 | 863 | .. | .. | 43.5 | +58 55 | 6.06 | .. | .. | .. | 03 | .. | 02 | .. | .. | 03 | .. | .. | 28a | .. | .. | .. | 23 | A |
| 2007 | Orion | — | 1244 | 1070 | 6805 | 43.6 | − 4 7 | 5.95 | 27 | .. | 21 | .. | .. | 04 | 01 | .. | .. | .. | 05 | .. | .. | .. | 20 | 19 | G |
| 2008 | Pictor | — | 1999 | 1257 | 6817 | 43.7 | −46 38 | 5.13 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 27 | .. | 03 | 20. | K |
| 2009 | Columb. | — | 2509 | .. | 6813 | 43.8 | −35 42 | 6.38 | .. | .. | .. | .. | .. | .. | 13 | 12 | .. | .. | .. | .. | .. | .. | .. | 10. | Pec. |
| 2010 | Taurus | 134 | 912 | 1071 | .. | 43.9 | +12 37 | 4.92 | 09 | .. | .. | 06 | .. | 02 | 01 | .. | 08 | .. | 06 | 18b | .. | .. | 12 | 14 | B 9 |
| 2011 | Auriga | υ 31 | 1336 | 1072 | .. | 44.2 | +37 16 | 4.99 | 21 | .. | .. | .. | .. | 17 | 05 | .. | 36 | .. | 14 | 16e | .. | .. | 06 | 123 | Ma |
| 2012 | Auriga | ν 32 | 1429 | 1073 | .. | 44.6 | +39 7 | 4.18 | 01 | .. | .. | .. | .. | 00 | .. | .. | 32 | .. | 02 | 00d | .. | .. | 17 | 99 | K |
| 2013 | Auriga | — | 888 | .. | .. | 44.6 | +27 56 | 5.65 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06c | .. | .. | .. | .. | K |
| 2014 | Orion | — | 978 | 1074 | .. | 44.6 | + 9 51 | 5.89 | 16 | .. | .. | 16 | .. | 00 | .. | .. | .. | .. | 22 | 01c | .. | .. | 39 | 42 | G 2 |
| 2015 | Dorado | δ | 496 | 1264 | 6852 | 44.6 | −65 46 | 4.52 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | 16 | .. | .. | 02 | .. | 12 | 5. | A 5 |
| 2016 | Taurus | 135 | 1041 | 1075 | .. | 44.7 | +14 16 | 5.71 | 00 | .. | .. | .. | .. | 07 | 08 | .. | 41 | .. | 02 | 07c | .. | .. | 01 | .. | K |
| 2017 | Columb. | — | 2085 | .. | 6841 | 44.8 | −40 41 | 6.48 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | G 5 |
| 2018 | Auriga | — | 1109 | .. | .. | 44.9 | +32 6 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09d | .. | .. | .. | .. | Ma |
| 2019 | Orion | — | 1052 | 1076 | .. | 44.9 | + 4 24 | 6.12 | 09 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 12 | 06d | .. | .. | 12 | 31 | K |
| 2020 | Pictor | β | 1620 | 1268 | 6848 | 44.9 | −51 6 | 3.94 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | 15 | .. | .. | 04 | .. | 01 | 9. | A 3 |
| 2021 | Lepus | — | 1251 | 1077 | 6839 | 45.0 | −14 30 | 5.57 | 02 | .. | 11 | .. | .. | 07 | 05 | 12 | .. | .. | .. | .. | .. | .. | 07 | 47 | A |
| 2022 | Mensa | π | 161 | 1269 | 6907 | 45.1 | −80 34 | 5.65 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | 40 | .. | 05 | 9. | G 5 |
| 2023 | Pictor | — | 892 | .. | 6857 | 45.2 | −54 23 | 5.96 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | Ma |
| 2024 | Orion | — | 1148 | .. | .. | 45.3 | + 2 0 | 6.26 | .. | .. | .. | .. | .. | 00 | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 09 | A p |
| 2025 | Auriga | — | 1435 | .. | .. | 45.7 | +39 33 | 6.46 | .. | .. | 11 | .. | .. | .. | 12 | .. | .. | .. | .. | 22b | .. | .. | .. | 37 | A 2 |
| 2026 | Lepus | — | 3135 | 1080 | 6855 | 45.7 | −23 0 | 5.78 | 09 | .. | .. | 07 | .. | 03 | .. | 00 | .. | .. | .. | .. | .. | .. | 37 | 14 | A |
| 2027 | Camel. | 31 | 920 | 1078 | .. | 46.0 | +59 52 | 5.26 | 03 | .. | 15 | .. | .. | 02 | 12 | .. | 12 | .. | 26 | 16a | .. | .. | 11 | 14 | A |
| 2028 | Auriga | — | 1179 | .. | .. | 46.0 | +33 53 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30e | .. | .. | .. | .. | Ma |
| 2029 | Auriga | ξ 30 | 1027 | 1079 | .. | 46.5 | +55 41 | 4.92 | 11 | .. | .. | .. | .. | 12 | .. | .. | 13 | .. | 10 | 23b | .. | .. | 02 | 18 | A 2 |
| 2030 | Orion | — | 1110 | 1081 | .. | 46.5 | +19 50 | 6.00 | 08 | .. | .. | 09 | .. | 16 | .. | .. | .. | .. | .. | 26b | .. | .. | 15 | 14 | A |
| 2031 | Orion | 55 | 1187 | 1083 | 6869 | 46.5 | − 7 33 | 5.32 | 06 | .. | .. | .. | .. | 02 | 04 | 12 | 08 | .. | 00 | .. | .. | .. | 06 | 17 | B 3 |
| 2032 | Pictor | — | 2274 | 1282 | 6883 | 46.6 | −44 55 | 6.32 | .. | .. | .. | .. | 10 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | 12. | G 5 |
| 2033 | Taurus | 137 | 1060 | 1082 | .. | 46.7 | +14 9 | 5.57 | 07 | .. | .. | 10 | .. | 03 | .. | .. | 08 | .. | 10 | 28b | .. | .. | 17 | 24 | A |
| 2034 | Taurus | 136 | 899 | 1084 | .. | 47.0 | +27 35 | 4.54 | 08 | .. | .. | 08 | .. | 03 | 11 | .. | 01 | .. | 12 | 30b | .. | .. | 11 | 10 | A |
| 2035 | Lepus | δ 15 | 1211 | 1086 | 6884 | 47.0 | −20 53 | 3.90 | 08 | .. | 00 | .. | .. | 04 | .. | 14 | 10 | 03 | .. | .. | .. | .. | 08 | 92 | K |
| 2036 | Lepus | — | 1246 | 1087 | 6891 | 47.2 | −22 58 | 6.09 | 17 | .. | .. | 00 | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | 06 | 21 | G 2 |
| 2037 | Orion | 56 | 1151 | 1085 | .. | 47.3 | + 1 50 | 5.01 | 04 | .. | .. | .. | .. | 04 | .. | .. | 01 | .. | 07 | 01d | .. | .. | 01 | 88 | K |
| 2038 | Orion | — | 1156 | .. | .. | 47.4 | +20 17 | 6.56 | .. | .. | 01 | 11 | .. | 16 | 04 | .. | .. | .. | .. | 29a | .. | .. | .. | 55 | A |
| 2039 | Orion | — | 1255 | .. | 6889 | 47.4 | − 9 5 | 5.96 | .. | .. | 09 | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | A |
| 2040 | Columb. | β | 2546 | 1284 | 6896 | 47.4 | −35 48 | 3.22 | 29 | 32 | .. | .. | 16 | 14 | 12 | 12 | .. | 00 | .. | .. | 22 | .. | 14 | 19. | K |
| 2041 | Camel. | — | 413 | .. | .. | 47.5 | +66 5 | 6.59 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19d | .. | .. | .. | 02 | K |
| 2042 | Pictor | γ | 946 | 1288 | 6915 | 48.0 | −56 12 | 4.38 | .. | .. | .. | .. | 09 | .. | .. | 08 | .. | 18 | .. | .. | 03 | .. | 06 | 21. | K |
| 2043 | Columb. | — | 2556 | .. | 6908 | 48.2 | −29 29 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14. | K |
| 2044 | Pictor | — | 791 | .. | 6919 | 48.2 | −52 48 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | G 5 |
| 2045 | Auriga | — | 1128 | .. | .. | 48.3 | +51 46 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32b | .. | .. | .. | 27 | A |
| 2046 | Auriga | — | 1139 | .. | .. | 48.5 | +31 41 | 5.81 | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | 37b | .. | .. | .. | 15 | A |
| 2047 | Orion | χ¹ 54 | 1162 | 1089 | .. | 48.5 | +20 16 | 4.62 | 03 | .. | .. | 08 | .. | 04 | 07 | .. | 02 | .. | 44 | 03d | .. | .. | 02 | 47 | F 8 |
| 2048 | Orion | — | 927 | .. | .. | 48.7 | +10 34 | 6.50 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 24d | .. | .. | .. | .. | K |
| 2049 | Pictor | — | 794 | 1293 | 6925 | 48.7 | −52 8 | 4.98 | .. | .. | .. | .. | 23 | .. | .. | 22 | .. | 28 | .. | .. | 07 | .. | 12 | 20. | K |
| 2050 | Orion | — | 964 | .. | .. | 48.9 | +11 45 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 35b | .. | .. | .. | 29 | A |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50...



**5h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2051 | Orion | — | 1071 | .. | .. | 49.0 | + 3 13 | 6.55 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16d | .. | .. | .. | .. | K | Ko |
| 2052 | Orion | 57 | 1126 | 1090 | .. | 49.1 | +19 44 | 5.89 | 04 | .. | 01 | 02 | .. | 07 | 06 | .. | 34 | .. | 14 | 41b | .. | .. | 09 | 43 | B 2 | B2 |
| 2053 | Columb. | — | 2457 | 1294 | 6931 | 49.2 | −37 40 | 5.64 | .. | 03 | .. | .. | 05 | 01 | 11 | 11 | .. | .. | .. | .. | 01 | .. | 06 | 12. | K | Ko |
| 2054 | Auriga | — | 1423 | .. | .. | 49.4 | +49 1 | 6.44 | .. | .. | 13 | .. | .. | .. | 12 | .. | .. | .. | .. | 08d | .. | .. | .. | .. | G 5 | G5 |
| 2055 | Columb. | — | 2270 | .. | 6938 | 49.4 | −38 33 | 6.74 | .. | .. | .. | .. | .. | .. | 11 | 12 | .. | .. | .. | .. | 26 | .. | .. | 10. | K | Ko |
| 2056 | Columb. | λ | 2599 | 1295 | 6937 | 49.5 | −33 50 | 4.89 | .. | 05 | .. | .. | 11 | 07 | 17 | 16 | .. | 24 | .. | .. | 01 | 26 | .. | 1. | B 5 | B5 |
| 2057 | Orion | — | 1208 | .. | .. | 49.6 | + 0 57 | 6.23 | .. | .. | 14 | .. | .. | 16 | 02 | .. | .. | .. | .. | 15c | .. | .. | .. | .. | K | Ko |
| 2058 | Orion | — | 1281 | .. | 6934 | 49.6 | − 4 5 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 18 | A | B3 |
| 2059 | Mensa | — | 75 | 1296 | 7097 | 49.6 | −84 50 | 6.24 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | 02 | 2. | A | A0 |
| 2060 | Lepus | — | 1293 | .. | 6936 | 49.7 | −19 40 | 6.46 | .. | .. | 12 | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | 01 | A 2 | A0 |
| 2061 | Orion | α 58 | 1055 | 1091 | .. | 49.8 | + 7 23 | 0.92 | 01 | .. | .. | .. | .. | 02 | .. | .. | 55 | 19 | 06 | .. | .. | .. | 02 | R | Ma | Ma |
| 2062 | Mensa | λ | 418 | .. | 6983 | 49.8 | −72 44 | 6.51 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 16 | .. | .. | 11. | K | Ko |
| 2063 | Orion | U | .. | .. | .. | 49.9 | +20 10 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md | Md |
| 2064 | Dorado | ε | 463 | 1297 | 6972 | 50.0 | −66 56 | 5.15 | .. | .. | .. | .. | 17 | .. | .. | 17 | .. | 46 | .. | .. | 15 | .. | 23 | 2. | B 5 | B5 |
| 2065 | Lepus | — | 1321 | .. | 6942 | 50.1 | −11 48 | 5.81 | .. | .. | .. | 02 | .. | 01 | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 77 | K | K2 |
| 2066 | Auriga | — | 952 | .. | .. | 50.2 | +28 56 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 20b | .. | .. | .. | 25 | A | A2 |
| 2067 | Orion | — | 1036 | .. | .. | 50.3 | +13 56 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 14c | .. | .. | .. | .. | G 5 | G5 |
| 2068 | Columb. | — | 2595 | 1095 | 6955 | 50.3 | −29 10 | 6.17 | 07 | .. | .. | 06 | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 27 | 11. | F 5 | F2 |
| 2069 | Columb. | — | 2205 | .. | 6959 | 50.4 | −42 57 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K | Ko |
| 2070 | Orion | — | 1289 | 1092 | 6953 | 50.5 | − 4 38 | 5.98 | 06 | .. | 04 | .. | .. | 08 | 02 | 09 | .. | .. | 16 | .. | .. | .. | 02 | 56 | G 5 | Ko |
| 2071 | Orion | — | 1291 | .. | 6957 | 50.6 | − 4 49 | 6.22 | .. | .. | 12 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | A | A0 |
| 2072 | Pictor | — | 901 | 1301 | 6979 | 50.6 | −57 11 | 5.95 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 05 | .. | 05 | 10. | F 5 | F5 |
| 2073 | Dorado | — | 486 | .. | 6991 | 50.8 | −64 4 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | R | .. | .. | 8. | K | Ko Comp |
| 2074 | Taurus | — | 1033 | 1094 | .. | 50.9 | +24 14 | 6.02 | 03 | .. | 09 | .. | .. | 13 | 18 | .. | .. | .. | .. | 24b | .. | .. | 02 | 03 | A | A3 |
| 2075 | Orion | — | 1016 | 1096 | .. | 51.0 | + 9 29 | 6.01 | 11 | .. | 11 | 16 | .. | 06 | .. | .. | .. | .. | 07 | 22b | .. | .. | 09 | 27 | A | B3 |
| 2076 | Orion | — | 975 | 1098 | .. | 51.2 | +11 30 | 6.08 | 02 | .. | .. | 02 | .. | 01 | .. | .. | .. | .. | 14 | 11d | .. | .. | 08 | 14 | K | G5 |
| 2077 | Auriga | δ 33 | 970 | 1093 | .. | 51.3 | +54 17 | 3.88 | 09 | .. | .. | .. | .. | 10 | .. | .. | 05 | .. | 10 | 04d | .. | .. | 02 | 93 | K | Ko |
| 2078 | Camel. | — | 247 | .. | .. | 51.4 | +75 35 | 6.52 | .. | .. | 15 | .. | .. | 01 | 14 | .. | .. | .. | .. | 15d | .. | .. | .. | 29 | G 2 | K5 |
| 2079 | Auriga | 34 | 1036 | .. | .. | 51.5 | +55 19 | 6.48 | .. | .. | 12 | 18 | .. | .. | 06 | .. | 09 | .. | .. | 14b | .. | .. | .. | 38 | A | A2 |
| 2080 | Auriga | — | 971 | .. | .. | 51.6 | +54 33 | 6.26 | .. | .. | 10 | .. | .. | .. | 10 | .. | .. | .. | .. | 06c | .. | .. | .. | .. | K | Ko |
| 2081 | Auriga | — | 1428 | 1097 | .. | 51.6 | +49 55 | 6.07 | 07 | .. | 15 | .. | .. | 07 | .. | .. | .. | .. | .. | 01d | .. | .. | 07 | 07 | K | G5 |
| 2082 | Columb. | — | 2260 | 1305 | 6996 | 51.6 | −39 59 | 5.63 | .. | 11 | .. | .. | 14 | 12 | 03 | 10 | .. | .. | .. | .. | 42 | .. | 17 | 18. | K | K5 |
| 2083 | Pictor | — | 1977 | .. | 7009 | 51.7 | −50 24 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | K | Ko |
| 2084 | Taurus | 139 | 1052 | 1099 | .. | 51.8 | +25 57 | 4.90 | 16 | .. | .. | .. | .. | 06 | 23 | .. | 10 | .. | 10 | 12c | .. | .. | 20 | 13 | B 2 | B2 |
| 2085 | Lepus | η 16 | 1286 | 1101 | 6992 | 51.9 | −14 11 | 3.77 | 03 | .. | 10 | .. | .. | 02 | .. | 16 | 08 | 01 | .. | .. | .. | .. | 07 | 61 | F 5 | F0 |
| 2086 | Lepus | — | 1269 | 1103 | 7004 | 52.0 | −22 52 | 6.01 | 04 | .. | .. | 02 | .. | 00 | 01 | .. | .. | .. | .. | .. | .. | .. | 03 | 24 | K | Ko |
| 2087 | Columb. | ξ | 2487 | 1310 | 7011 | 52.1 | −37 8 | 5.02 | .. | 05 | .. | .. | 09 | 09 | 06 | 01 | .. | 25 | .. | .. | 18 | .. | 04 | 17. | K | Ko |
| 2088 | Auriga | β 34 | 1328 | 1100 | .. | 52.2 | +44 56 | 2.07 | 00 | .. | 10 | .. | .. | 09 | .. | .. | 01 | 28 | 13 | 14a | .. | .. | 05 | 147 | A p | A0p |
| 2089 | Pictor | — | 1945 | .. | 7020 | 52.2 | −49 39 | 6.16 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | B | B5 |
| 2090 | Lepus | — | 3263 | 1105 | 7014 | 52.4 | −23 14 | 6.41 | 10 | .. | .. | 03 | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | 21 | 15. | K | Ko |
| 2091 | Auriga | π 35 | 1217 | 1102 | .. | 52.5 | +45 56 | 4.59 | 12 | .. | .. | .. | .. | 02 | 13 | .. | 21 | .. | 09 | 25e | .. | .. | 26 | 104 | Ma | Ma |
| 2092 | Columb. | σ | 2848 | 1313 | 7021 | 52.5 | −31 24 | 5.54 | .. | 17 | .. | .. | 00 | 07 | 04 | 06 | .. | 24 | .. | .. | 04 | .. | 17 | 7. | F | F0 |
| 2093 | Orion | — | 1168 | .. | .. | 52.7 | + 1 13 | 6.49 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 22d | .. | .. | .. | .. | K 5 | K2 |
| 2094 | Pictor | — | 805 | 1315 | 7034 | 52.7 | −52 40 | 5.30 | .. | .. | .. | .. | 05 | .. | .. | 06 | .. | 04 | .. | .. | 30 | .. | 40 | 13. | A 5 | A5 |
| 2095 | Auriga | θ 37 | 1380 | 1104 | .. | 52.9 | +37 12 | 2.71 | 04 | .. | .. | .. | .. | 01 | 06 | .. | 34 | .. | 32 | 16a | .. | .. | 11 | 78 | A p | A0p |
| 2096 | Auriga | — | 1332 | .. | .. | 53.0 | +44 36 | 6.44 | .. | .. | 03 | .. | .. | .. | 04 | .. | .. | .. | .. | 03d | .. | .. | .. | 21 | G 5 | G5 |
| 2097 | Orion | — | 1078 | .. | 7024 | 53.1 | − 1 1 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 02 | A | Ko |
| 2098 | Columb. | — | 2854 | .. | 7040 | 53.1 | −32 0 | 6.50 | .. | .. | .. | .. | .. | .. | 06 | 05 | .. | .. | .. | .. | .. | .. | .. | 8. | K | Ko |
| 2099 | Orion | — | 968 | 1107 | .. | 53.2 | +12 48 | 5.77 | 11 | .. | .. | 06 | .. | 06 | .. | .. | .. | .. | 14 | 05c | .. | .. | 07 | 36 | K | K5 Comp |
| 2100 | Orion | 59 | 1171 | 1108 | .. | 53.2 | + 1 49 | 6.06 | 01 | .. | .. | 00 | .. | 01 | .. | .. | 04 | .. | 01 | 06b | .. | .. | 21 | 12 | A | A5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**5h — 6h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 2101 | Auriga | 36 | 1227 | 1106 | .. | 53.4 | +47 54 | 5.68 | 18 | .. | .. | .. | .. | 05 | 12 | .. | 38 | .. | 02 | 32a | .. | .. | 10 | 04 | A |
| 2102 | Dorado | — | 498 | 1319 | 7066 | 53.4 | −63 8 | 4.53 | .. | .. | .. | .. | 12 | .. | .. | 12 | .. | 28 | .. | .. | 27 | .. | 05 | 17. | K |
| 2103 | Orion | 60 | 1239 | 1109 | .. | 53.7 | + 0 32 | 5.25 | 00 | .. | .. | .. | .. | 00 | .. | .. | 05 | .. | 12 | 03b | .. | .. | 20 | 02 | A |
| 2104 | Dorado | — | 495 | .. | 7082 | 53.7 | −64 30 | 6.62 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 87 | .. | .. | 1. | F5 |
| 2105 | Auriga | — | 1333 | .. | .. | 54.0 | +48 58 | 6.24 | .. | .. | .. | .. | .. | 03 | 03 | .. | .. | .. | .. | 13d | .. | .. | 09 | .. | K |
| 2106 | Columb. | γ | 2612 | 1322 | 7064 | 54.0 | −35 18 | 4.36 | 28 | 04 | .. | .. | 13 | 02 | 02 | 09 | .. | 03 | .. | .. | 01 | .. | 12 | 8. | B3 |
| 2107 | Monoc. | 1 | 1284 | .. | 7063 | 54.3 | − 9 24 | 6.28 | .. | .. | .. | 01 | .. | .. | 00 | .. | 08 | .. | .. | .. | .. | .. | .. | .. | A5 |
| 2108 | Monoc. | 2 | 1285 | 1111 | 7065 | 54.3 | − 9 34 | 5.10 | 04 | .. | 07 | .. | .. | 06 | 04 | 13 | 45 | .. | 04 | .. | .. | .. | 02 | 15 | A5 |
| 2109 | Orion | — | 1083 | 1113 | 7073 | 54.6 | − 1 27 | 6.37 | 13 | .. | .. | .. | .. | 13 | 01 | .. | .. | .. | .. | .. | .. | .. | 32 | 17 | A |
| 2110 | Auriga | — | 1164 | .. | .. | 54.7 | +31 2 | 6.01 | .. | .. | .. | .. | .. | 07 | 07 | .. | .. | .. | .. | 40a | .. | .. | .. | 07 | A |
| 2111 | Taurus | — | 945 | .. | .. | 54.7 | +27 35 | 6.08 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28b | .. | .. | .. | 02 | A |
| 2112 | Auriga | — | 1441 | 1112 | .. | 55.0 | +49 55 | 5.98 | 02 | .. | 06 | .. | .. | 04 | .. | .. | .. | .. | 20 | 44a | .. | .. | 05 | 28 | A |
| 2113 | Orion | — | 1256 | 1114 | 7089 | 55.1 | − 3 5 | 4.68 | 05 | .. | .. | .. | .. | 09 | 08 | 23 | .. | .. | 36 | .. | .. | .. | 08 | 104 | K |
| 2114 | Pictor | — | 978 | .. | 7103 | 55.1 | −53 26 | 6.35 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | G5 |
| 2115 | Auriga | — | 1421 | .. | .. | 55.6 | +43 22 | 6.52 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04d | .. | .. | .. | 40 | K |
| 2116 | Gemini | 141 | 1140 | .. | .. | 55.6 | +22 24 | 6.28 | .. | .. | .. | 06 | .. | 06 | 01 | .. | 08 | .. | .. | 35b | .. | .. | .. | 35 | A |
| 2117 | Pictor | — | 2363 | .. | 7110 | 55.6 | −44 3 | 5.74 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06 | .. | .. | 17. | K |
| 2118 | Lepus | — | 1337 | .. | 7101 | 55.7 | −12 54 | 6.29 | .. | .. | .. | 01 | .. | 17 | 19 | .. | .. | .. | .. | .. | .. | .. | .. | 07 | F |
| 2119 | Auriga | 38 | 1473 | 1115 | .. | 56.1 | +42 56 | 6.13 | 06 | .. | .. | .. | .. | 06 | .. | .. | 02 | .. | 01 | 09c | .. | .. | 11 | 11 | G2 |
| 2120 | Columb. | η | 2266 | 1329 | 7120 | 56.1 | −42 49 | 4.03 | .. | .. | .. | .. | 03 | 11 | 03 | 05 | .. | 07 | .. | .. | 07 | .. | 03 | 22. | K |
| 2121 | Camel. | — | 937 | .. | .. | 56.3 | +59 24 | 7.07 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 59c | .. | .. | .. | 66 | K |
| 2122 | Auriga | — | 1166 | .. | .. | 56.3 | +32 38 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 29b | .. | .. | .. | 04 | G |
| 2123 | Auriga | 35 | 1146 | .. | .. | 56.6 | +51 35 | 6.30 | .. | .. | .. | A | .. | .. | .. | .. | 60 | .. | .. | 33b | .. | .. | .. | 12 | A |
| 2124 | Orion | μ 61 | 1064 | 1116 | .. | 56.9 | + 9 39 | 4.19 | 10 | .. | .. | 04 | .. | 05 | .. | .. | 11 | .. | 50 | 17a | .. | .. | 06 | 39 | A2 |
| 2125 | Mensa | κ | 202 | 1332 | 7209 | 57.0 | −79 23 | 5.56 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | .. | .. | .. | 36 | .. | 16 | 0. | A |
| 2126 | Camel. | — | 630 | .. | .. | 57.1 | +63 27 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09c | .. | .. | .. | 13 | K |
| 2127 | Orion | — | 1195 | .. | .. | 57.1 | + 1 42 | 6.46 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 33b | .. | .. | .. | 24 | A |
| 2128 | Monoc. | 3 | 1349 | 1117 | 7136 | 57.1 | −10 36 | 4.97 | 20 | .. | 09 | 17 | .. | 19 | .. | 12 | 67 | .. | .. | .. | .. | .. | 07 | 03 | B |
| 2129 | Lepus | — | 2865 | 1118 | 7146 | 57.1 | −25 25 | 5.90 | 01 | .. | .. | 01 | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 05 | 23 | A |
| 2130 | Orion | 64 | 1186 | 1119 | .. | 57.6 | +19 41 | 5.17 | 09 | .. | .. | .. | .. | 12 | 02 | .. | 03 | .. | 17 | 13b | .. | .. | 18 | 13 | B8 |
| 2131 | Columb. | — | 2681 | 1336 | 7159 | 57.6 | −33 55 | 5.62 | .. | 02 | .. | .. | 23 | 20 | 21 | 19 | .. | .. | .. | .. | 48 | .. | 07 | 18. | K |
| 2132 | Auriga | 39 | 1477 | .. | .. | 57.8 | +42 59 | 5.90 | .. | .. | .. | 04 | .. | 08 | 11 | .. | 10 | .. | .. | 30c | .. | .. | 05 | 02 | A |
| 2133 | Orion | — | 1009 | 1120 | .. | 57.8 | +11 41 | 5.96 | 10 | .. | .. | 04 | .. | 06 | .. | .. | .. | .. | 10 | 44b | .. | .. | 04 | 14 | A |
| 2134 | Gemini | 1 | 1170 | 1121 | .. | 58.0 | +23 16 | 4.30 | 03 | .. | .. | .. | .. | 14 | 16 | .. | 45 | .. | 23 | 07d | .. | .. | 00 | 73 | G5 |
| 2135 | Orion | $\chi^2$ 62 | 1233 | 1122 | .. | 58.0 | +20 8 | 4.71 | 07 | .. | 16 | .. | .. | 10 | .. | .. | 24 | .. | 17 | 09c | .. | .. | 09 | 30 | B2 |
| 2136 | Lepus | — | 1315 | .. | 7162 | 58.0 | −14 30 | 6.32 | .. | .. | 09 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | 06 | K |
| 2137 | Auriga | — | 1405 | .. | .. | 58.2 | +37 58 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18c | .. | .. | .. | .. | F2 |
| 2138 | Pictor | — | 1713 | 1342 | 7184 | 58.5 | −51 13 | 5.76 | .. | .. | .. | .. | 05 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | 04 | 8. | A |
| 2139 | Auriga | — | 1236 | .. | .. | 59.0 | +33 36 | 6.10 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 48b | .. | .. | .. | 33 | A |
| 2140 | *Lepus* | — | 2675 | 1125 | 7195 | 59.2 | −26 17 | 5.18 | 22 | .. | .. | 02 | .. | 06 | 36 | 20 | .. | 12 | .. | .. | .. | .. | 03 | 84 | G5 |
| 2141 | Auriga | — | 1334 | .. | .. | 59.4 | +35 24 | 6.11 | .. | .. | 04 | .. | .. | 01 | 06 | .. | .. | .. | .. | 25c | .. | .. | .. | 25 | F5 |
| 2142 | *Monoc.* | — | 1391 | 1124 | 7191 | 59.4 | − 6 42 | 5.12 | 08 | .. | .. | .. | .. | 12 | 02 | 16 | .. | .. | 17 | .. | .. | .. | 14 | 01 | B2p |
| 2143 | Auriga | 40 | 1377 | 1123 | .. | 59.6 | +38 29 | 5.31 | 01 | .. | .. | .. | .. | 18 | 20 | .. | 11 | .. | 30 | 38b | .. | .. | 24 | 27 | A |
| 2144 | Orion | 63 | 1085 | 1126 | .. | 59.6 | + 5 26 | 5.84 | 16 | .. | .. | 00 | .. | 17 | .. | .. | 14 | .. | 19 | 08c | .. | .. | 14 | 30 | F |
| 2145 | Orion | 66 | 1116 | 1127 | .. | 59.7 | + 4 10 | 5.70 | 00 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | 02 | 06c | .. | .. | 00 | 48 | K |
| 2146 | Auriga | — | 1112 | 1128 | .. | 0.0 | +29 31 | 6.32 | 08 | .. | .. | 11 | .. | 01 | 04 | .. | .. | .. | .. | 08d | .. | .. | 32 | .. | Ma |
| 2147 | Auriga | — | 1357 | .. | .. | 0.3 | +41 52 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06c | .. | .. | .. | 26 | K |
| 2148 | Lepus | 17 | 1349 | 1130 | 7226 | 0.5 | −16 29 | 5.04 | 10 | .. | .. | .. | .. | 00 | 20 | 10 | 29 | .. | .. | .. | .. | .. | 14 | 17 | A |
| 2149 | Columb. | — | 2743 | 1353 | 7234 | 0.6 | −32 10 | 5.64 | .. | 14 | .. | .. | 18 | 04 | 12 | 13 | .. | .. | .. | .. | .. | .. | 03 | 3. | B |
| 2150 | Monoc. | — | 1368 | 1131 | 7232 | 0.7 | −10 14 | 5.79 | 09 | .. | 07 | .. | .. | 06 | 21 | .. | .. | .. | .. | .. | .. | .. | 06 | 34 | A |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**6h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2151 | Pictor | — | 537 | *1355* | 7259 | 0.9 | −60 6 | 6.50 | . | . | . | . | 01 | . | . | 00 | . | . | . | . | . | . | . | 14. | Ma 5 | Ma |
| 2152 | Camel. | 37 | 897 | 1129 | .. | 1.1 | +58 57 | 5.42 | *16* | . | . | . | . | 05 | 11 | . | 08 | . | *10* | 14d | . | . | 13 | 48 | K | K0 |
| 2153 | Auriga | — | 1365 | .. | .. | 1.3 | +41 4 | 6.42 | . | . | . | . | . | . | A | . | . | . | . | 19c | . | . | . | . | G | K0 |
| 2154 | *Monoc.* | — | 1362 | 1133 | 7251 | 1.6 | − 4 11 | 5.37 | *22* | . | 07 | 11 | . | 01 | *04* | 05 | . | . | *14* | . | . | . | *17* | *28* | B 3 | B3 |
| 2155 | Lepus | θ 18 | 1331 | 1134 | 7253 | 1.6 | −14 56 | 4.67 | *04* | . | *01* | . | . | *11* | *07* | 24 | *07* | . | . | . | . | . | *09* | 16 | A | A0 |
| 2156 | Lepus | S | 3679 | .. | 7260 | 1.6 | −24 11 | var. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | Mb | Mc |
| 2157 | Puppis | — | 2300 | *1361* | 7266 | 1.6 | −45 2 | 6.22 | . | . | . | . | 20 | . | *31* | 12 | . | *38* | . | . | 10 | 14 | *02* | 14. | F 5 p | F8 |
| 2158 | Puppis | — | 2302 | *1364* | 7279 | 1.8 | −45 5 | 5.82 | . | . | . | . | 00 | . | *11* | 12 | . | | . | . | | | *04* | | F p | F5 |
| 2159 | Orion | ν 67 | 1152 | 1132 | .. | 1.9 | +14 47 | 4.40 | *03* | . | . | *09* | . | 34 | *20* | . | 05 | . | 05 | 22b | . | . | 10 | 21 | B 2 | B2 |
| 2160 | Columb. | — | 2684 | *1366* | 7274 | 1.9 | −35 30 | 5.89 | . | *05* | . | . | 21 | *08* | *10* | 00 | . | . | . | . | . | . | 19 | *2.* | A 2 | A2 |
| 2161 | Lepus | — | 1386 | .. | 7272 | 2.2 | −11 10 | 6.38 | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | *44* | A | B5 |
| 2162 | Puppis | — | 2124 | .. | 7297 | 2.2 | −48 27 | 6.44 | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | 10. | F | G5 |
| 2163 | Lepus | — | 3431 | 1136 | 7286 | 2.3 | −23 6 | 5.50 | *11* | . | . | 05 | . | *06* | . | 13 | . | . | . | . | . | . | 05 | *27* | A 2 | A2 |
| 2164 | Columb. | — | 2769 | 1137 | 7285 | 2.3 | −29 45 | 5.72 | *14* | . | . | 06 | *02* | *03* | . | 13 | . | . | . | . | . | . | *17* | 04 | A 2 | A0 |
| 2165 | Camel. | 36 | 517 | 1135 | .. | 2.8 | +65 44 | 5.39 | *12* | . | . | . | . | *02* | 15 | . | *09* | . | *08* | 02d | . | . | *09* | 97 | K | K0 |
| 2166 | Lepus | — | 1353 | 1141 | 7302 | 2.8 | −21 48 | 6.12 | R | . | . | 20 | . | *08* | *12* | . | . | . | . | . | . | . | *62* | 10 | Mb | Mb |
| 2167 | Orion | — | 1202 | .. | .. | 3.4 | + 8 41 | 6.45 | . | . | . | A | . | . | . | . | . | . | . | 31b | . | . | . | *34* | A | B9 |
| 2168 | Lepus | 19 | 1361 | 1140 | 7314 | 3.4 | −19 9 | 5.51 | 02 | . | 01 | . | . | 10 | 05 | *17* | *01* | . | . | . | . | . | 04 | 70 | Ma | Ma |
| 2169 | Gemini | — | 1198 | .. | .. | 3.5 | +22 13 | 6.04 | . | . | . | . | . | . | A | . | . | . | . | 04d | . | . | . | . | K | K2 |
| 2170 | Columb. | — | 2655 | *1374* | 7321 | 3.5 | −34 18 | 5.93 | . | *33* | . | . | 23 | 05 | 09 | *02* | . | . | . | . | . | 17 | 15 | *1.* | B 5 | B5 |
| 2171 | Columb. | $\pi^1$ | 2343 | .. | 7332 | 3.6 | −42 17 | 6.25 | . | . | . | . | . | . | . | A | . | . | . | . | *45* | . | . | 7. | A | A2 |
| 2172 | Auriga | — | 1041 | .. | .. | 3.7 | +52 40 | 6.27 | . | . | . | . | . | . | A | . | . | . | . | 23b | . | . | . | *35* | A | A2 |
| 2173 | Gemini | 3 | 1226 | .. | .. | 3.7 | +23 8 | 5.76 | . | . | . | *10* | . | 22 | *11* | . | 24 | . | . | 25b | . | . | 24 | *18* | A 2 | B1 |
| 2174 | Orion | — | 1139 | 1142 | .. | 3.8 | + 2 31 | 5.58 | *07* | . | . | . | . | 07 | R | . | . | . | 10 | 60b | . | . | *18* | *04* | A | A0 |
| 2175 | Auriga | 41 | 1352 | 1139 | .. | 3.9 | +48 44 | 6.82 | *04* | . | . | . | . | *04* | 08 | . | *04* | . | 17 | 67b | . | . | *04* | 10 | A | A0 |
| 2176 | Auriga | | | | | 3.9 | +48 44 | 6.09 | | | | | | | | | | | | 45b | | | | | | |
| 2177 | Columb. | θ | 2609 | *1378* | 7343 | 4.1 | −37 14 | 5.13 | . | *26* | . | . | 23 | 01 | *06* | 06 | . | *51* | . | . | *23* | . | 27 | *2.* | A | B9 |
| 2178 | Puppis | — | 2317 | *1379* | 7346 | 4.1 | −45 5 | 6.36 | . | . | . | . | *02* | . | . | 02 | . | . | . | . | . | . | . | 14. | K | K2 |
| 2179 | Monoc. | — | 1523 | .. | 7348 | 4.7 | − 5 41 | 6.19 | . | . | 01 | . | . | 08 | *09* | . | . | . | . | . | . | . | . | *21* | A | F0 |
| 2180 | Lepus | — | 1327 | 1143 | 7353 | 4.8 | −22 24 | 5.46 | 04 | . | . | *06* | . | *15* | . | 17 | . | . | . | . | . | . | 04 | *25* | A | A0 |
| 2181 | Columb. | $\pi^2$ | 2351 | *1382* | 7359 | 4.8 | −42 8 | 5.48 | . | . | . | . | 05 | 07 | *23* | 10 | . | . | . | . | *03* | . | 12 | 7. | A | A0 |
| 2182 | Lepus | — | 1316 | .. | 7356 | 4.9 | −18 6 | 6.17 | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | *20* | A | A0 |
| 2183 | Lepus | — | 1348 | 1144 | 7358 | 5.0 | −14 34 | 5.67 | 01 | . | *01* | . | . | 07 | . | *08* | . | . | . | . | . | . | 03 | 31 | K 5 | K0 |
| 2184 | Orion | — | 1112 | .. | .. | 5.1 | +18 9 | 6.44 | . | . | . | . | . | . | A | . | . | . | . | 15d | . | . | . | . | K | K0 |
| 2185 | Gemini | 5 | 1151 | .. | .. | 5.4 | +24 27 | 5.92 | . | . | 07 | . | . | *07* | . | . | 13 | . | . | 06 | . | . | . | . | G 5 | K0 |
| 2186 | Lepus | — | 1330 | 1148 | 7376 | 5.6 | −22 45 | 5.71 | *05* | . | . | *01* | . | 07 | . | 00 | . | . | . | . | . | . | *09* | 07 | F 5 | F5 |
| 2187 | Puppis | — | 2452 | .. | 7384 | 5.6 | −44 20 | 6.25 | . | . | . | . | . | . | . | A | . | R | . | . | *40* | . | . | 6. | A | B9 |
| 2188 | Auriga | — | 1163 | 1145 | .. | 5.8 | +51 12 | 6.28 | *02* | . | . | 17 | . | *08* | *06* | . | . | . | . | *08*d | . | . | . | *23* | K | K0 |
| 2189 | Auriga | — | 1217 | 1146 | .. | 5.8 | +32 43 | 5.96 | 14 | . | . | . | . | 01 | *14* | . | . | . | . | *02*e | . | . | 14 | . | K | K2 |
| 2190 | Gemini | — | 1146 | .. | .. | 5.8 | +21 54 | 6.55 | . | . | . | . | . | . | A | . | . | . | . | *15*f | . | . | . | . | K | Ma |
| 2191 | Orion | — | 1151 | 1147 | .. | 5.8 | +13 40 | 5.86 | *20* | . | . | . | . | 06 | 15 | . | . | . | *25* | 48b | . | . | *06* | *18* | A 3 | A2 |
| 2192 | *Lepus* | — | 2761 | 1151 | 7381 | 5.8 | −26 41 | 6.19 | *24* | . | . | 16 | . | 07 | . | . | . | . | . | . | . | . | *09* | 12. | G 2 | K0 |
| 2193 | Orion | 68 | 1253 | 1150 | .. | 6.0 | +19 49 | 5.70 | *08* | . | 00 | 03 | . | 06 | . | . | *20* | . | *03* | 41b | . | . | *10* | *17* | A | B9 |
| 2194 | Dorado | $\eta^1$ | 493 | *1387* | 7413 | 6.0 | −66 1 | 5.83 | . | . | . | . | 01 | . | . | *01* | . | *47* | . | . | . | R | *18* | *1.* | A | B9 |
| 2195 | Monoc. | — | 1439 | .. | 7387 | 6.1 | − 6 44 | 5.97 | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | *18* | A | A0 |
| 2196 | Pictor | — | 582 | *1388* | 7410 | 6.1 | −62 8 | 5.05 | . | . | . | . | *08* | . | . | 08 | . | . | . | . | . | . | 10 | 20. | K | K0 |
| 2197 | Gemini | 6 | 1220 | .. | .. | 6.2 | +22 56 | 6.30 | . | . | . | *05* | . | 04 | . | . | 30 | . | . | 07e | . | . | . | . | K | K5 |
| 2198 | Orion | $f^1$ 69 | 1035 | 1152 | .. | 6.2 | +16 9 | 4.92 | 09 | . | . | 02 | . | *11* | . | . | 08 | . | 32 | 27b | . | . | *02* | 01 | B 3 | B3 |
| 2199 | Orion | ξ 70 | 1187 | 1153 | .. | 6.3 | +14 14 | 4.35 | *14* | . | . | 12 | . | 02 | . | . | 03 | . | 06 | 25b | . | . | *15* | 07 | B 3 | B3 |
| 2200 | *Lepus* | — | 2780 | 1156 | 7404 | 6.6 | −27 8 | 5.79 | *01* | . | . | 02 | . | 01 | . | *03* | . | . | . | . | . | . | *11* | 36 | K | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**6h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2201 | Camel. | 40 | 938 | 1149 | .. | 6.7 | +60 2 | 5.56 | 07 | .. | 00 | .. | .. | 07 | .. | .. | 16 | .. | 18 | 17d | .. | .. | 04 | 20 | K | K0 |
| 2202 | Monoc. | — | 1393 | .. | 7402 | 6.8 | − 4 38 | 6.04 | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | A | Bq |
| 2203 | Columb. | — | 2291 | 1391 | 7416 | 6.9 | −40 20 | 5.56 | .. | .. | .. | .. | 03 | 09 | 14 | 21 | .. | .. | .. | .. | 59 | .. | 01 | 18. | Ma | Ma |
| 2204 | Puppis | — | 2084 | .. | 7421 | 6.9 | −49 33 | 6.43 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | F | F5 |
| 2205 | Monoc. | — | 1446 | 1157 | 7408 | 7.0 | − 6 31 | 5.09 | 12 | .. | .. | .. | .. | 04 | 00 | 15 | .. | .. | 19 | .. | .. | .. | 11 | 29 | B 3 | B3 |
| 2206 | *Lepus* | — | 2784 | 1158 | 7417 | 7.2 | −26 27 | 5.98 | 12 | .. | .. | 22 | .. | 09 | 00 | .. | .. | .. | .. | .. | .. | .. | 08 | 29 | A | A0 |
| 2207 | Orion | — | 1129 | .. | .. | 7.6 | +18 43 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 63b | .. | .. | .. | 05 | A | B8 |
| 2208 | Orion | — | 1050 | .. | .. | 7.7 | +10 40 | 6.46 | .. | .. | 07 | .. | .. | .. | 06 | .. | .. | .. | .. | 07c | .. | .. | .. | .. | G 2 | G5 |
| 2209 | Camel. | — | 371 | 1155 | .. | 7.8 | +69 21 | 4.73 | 07 | 01 | .. | .. | .. | 04 | 05 | .. | .. | .. | 13 | 23b | .. | .. | 05 | 04 | A | A0 |
| 2210 | Orion | — | 1512 | .. | 7425 | 7.8 | − 2 29 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 38 | A | A0 |
| 2211 | Puppis | — | 2349 | 1396 | 7444 | 7.8 | −45 15 | 6.22 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | 5. | A | Bq |
| 2212 | Pictor | δ | 980 | 1400 | 7467 | 8.4 | −54 56 | 4.84 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | 34 | .. | 09 | 4. | B 1 | B1 |
| 2213 | C.Major | — | 1398 | .. | 7449 | 8.4 | −17 44 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 34 | A | B3 |
| 2214 | Orion | — | 1182 | .. | .. | 8.6 | +17 57 | 5.74 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32b | .. | .. | .. | 23 | A | A5 |
| 2215 | Lynx | 1 | 869 | 1159 | .. | 8.7 | +61 33 | 5.30 | 07 | 00 | .. | .. | .. | 05 | 02 | .. | 10 | .. | 12 | 31e | .. | 27 | 02 | 84 | Ma | Ma |
| 2216 | Gemini | η 7 | 1241 | 1160 | .. | 8.8 | +22 32 | var. | v | .. | .. | .. | .. | .. | .. | .. | v | .. | v | .. | .. | .. | v | v | Ma | Ma |
| 2217 | Auriga | — | 1388 | .. | .. | 8.9 | +36 12 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | R b | .. | .. | .. | .. | F | F0 |
| 2218 | Orion | — | 1345 | .. | 7462 | 8.9 | − 3 43 | 5.93 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 53 | F | G5 |
| 2219 | Auriga | κ 44 | 1154 | 1161 | .. | 9.0 | +29 33 | 4.45 | 01 | .. | .. | .. | .. | 02 | 03 | .. | 05 | .. | 36 | 11d | .. | .. | 17 | 69 | K | K0 |
| 2220 | Orion | 71 | 1270 | 1162 | .. | 9.0 | +19 12 | 5.18 | 06 | .. | 07 | 04 | .. | 02 | 08 | .. | 02 | .. | 10 | 24b | .. | .. | 08 | 16 | F 5 | F5 |
| 2221 | Dorado | ν | 474 | 1404 | 7513 | 9.3 | −68 49 | 5.21 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | 55 | .. | .. | 16 | .. | 14 | 1. | B 9 | Bq |
| 2222 | Orion | — | 1173 | 1163 | .. | 9.4 | +13 53 | 5.81 | 14 | .. | .. | 04 | .. | 09 | .. | .. | .. | .. | 12 | 39a | .. | .. | 11 | 41 | B 2 | B2 |
| 2223 | Orion | f² 72 | 1060 | 1164 | .. | 9.6 | +16 11 | 5.28 | 16 | .. | .. | 03 | .. | 05 | 12 | .. | 18 | .. | 10 | 22b | .. | .. | 02 | 09 | B 9 | Bq |
| 2224 | Monoc. | — | 1421 | 1165 | 7483 | 9.6 | − 4 32 | 5.76 | 14 | .. | 04 | .. | .. | 01 | 05 | 16 | .. | .. | 30 | .. | .. | .. | 16 | 35 | A | A0 |
| 2225 | C.Major | — | 3577 | .. | 7490 | 9.6 | −23 50 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11. | G 2 | G5 |
| 2226 | C.Major | — | 2883 | .. | 7494 | 9.7 | −29 22 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 2. | A | B8 |
| 2227 | Monoc. | γ 5 | 1469 | 1170 | 7495 | 10.0 | − 6 14 | 4.09 | 05 | .. | .. | .. | .. | 17 | .. | 11 | 28 | .. | 29 | .. | .. | .. | 01 | 117 | K | K0 |
| 2228 | Auriga | 42 | 1122 | 1166 | .. | 10.1 | +46 28 | 6.46 | 06 | .. | .. | .. | .. | 02 | 04 | .. | 09 | .. | 04 | 48b | .. | .. | R | 26 | A | A0 |
| 2229 | Orion | 73 | 1081 | 1169 | .. | 10.1 | +12 35 | 5.36 | 00 | .. | .. | .. | .. | 00 | .. | .. | 06 | .. | 03 | 38a | .. | .. | 14 | 10 | B 9 | Bq |
| 2230 | Gemini | 8 | 1182 | .. | .. | 10.2 | +24 0 | 6.11 | .. | .. | 02 | .. | .. | 01 | 02 | .. | 09 | .. | .. | 19c | .. | .. | .. | .. | G 5 | G5 |
| 2231 | Monoc. | — | 1172 | .. | .. | 10.3 | + 6 6 | 5.95 | .. | .. | .. | 03 | .. | 03 | .. | .. | .. | .. | .. | 45b | .. | .. | .. | 29 | A | B5 |
| 2232 | Monoc. | — | 1181 | 1171 | .. | 10.5 | + 4 19 | 6.44 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 26 | 66b | .. | .. | 39 | 38 | A | B3 |
| 2233 | Orion | — | 1234 | 1172 | 7505 | 10.5 | − 0 28 | 5.68 | 03 | .. | 10 | .. | .. | 07 | .. | 04 | .. | .. | 01 | .. | .. | .. | 14 | 16 | F | F5 |
| 2234 | Monoc. | — | 1431 | 1173 | 7510 | 10.5 | − 4 53 | 6.00 | 05 | .. | 10 | .. | .. | 05 | .. | .. | .. | .. | 06 | .. | .. | .. | 20 | 28 | A | A2 |
| 2235 | Orion | — | 1191 | .. | .. | 10.6 | +17 12 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05c | .. | .. | .. | .. | K | K0 |
| 2236 | Orion | — | 1275 | 1175 | .. | 10.7 | + 1 12 | 6.34 | 08 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 00 | 36b | .. | .. | 06 | 05 | F 2 | F5 |
| 2237 | Monoc. | — | 1368 | 1176 | 7512 | 10.7 | − 9 0 | 6.03 | 09 | .. | .. | .. | .. | 01 | 07 | .. | .. | .. | 42 | .. | .. | .. | 12 | 41 | A | Bq |
| 2238 | Lynx | 2 | 959 | 1168 | .. | 10.8 | +59 3 | 4.42 | 09 | .. | .. | .. | .. | 08 | .. | .. | 18 | .. | 31 | 23b | .. | .. | 07 | 15 | A | A0 |
| 2239 | Auriga | 43 | 1124 | 1167 | .. | 10.8 | +46 24 | 6.49 | 01 | .. | .. | .. | .. | 04 | 04 | .. | 09 | .. | 05 | 09c | .. | .. | R | .. | K | K0 |
| 2240 | Gemini | 9 | 1275 | .. | .. | 10.8 | +23 46 | 6.26 | .. | .. | .. | 07 | .. | .. | 08 | .. | 14 | .. | .. | 26b | .. | .. | .. | .. | B 5 | B2 |
| 2241 | Orion | k 74 | 1084 | 1174 | .. | 10.8 | +12 18 | 5.11 | 01 | .. | .. | .. | .. | 05 | 06 | .. | 01 | .. | 16 | 21a | .. | .. | 11 | 18 | F 5 | F5 |
| 2242 | C.Major | — | 1336 | .. | 7524 | 10.8 | −20 15 | 5.74 | .. | .. | 26 | .. | .. | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22. | K | K0 |
| 2243 | C.Major | — | 1352 | .. | 7527 | 11.0 | −18 27 | 6.24 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 2244 | C.Major | — | 1411 | 1177 | 7534 | 11.1 | −13 41 | 4.99 | 15 | .. | .. | .. | .. | 02 | .. | 12 | .. | .. | .. | .. | .. | .. | 01 | 23 | A | Bq |
| 2245 | Dorado | η² | 561 | 1416 | 7557 | 11.1 | −65 34 | 4.88 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | 51 | .. | .. | 72 | .. | 08 | 18. | Mb | Mb |
| 2246 | Orion | — | 1278 | .. | .. | 11.2 | + 1 6 | 6.44 | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | 51b | .. | .. | .. | 17 | A | B8 |
| 2247 | Orion | l 75 | 1173 | 1178 | .. | 11.6 | + 9 59 | 5.29 | 10 | .. | 02 | 06 | .. | 06 | .. | .. | 29 | .. | 02 | 39b | .. | .. | 09 | 09 | A | A2 |
| 2248 | Orion | — | 1216 | .. | .. | 11.6 | + 7 6 | 6.41 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 38a | .. | .. | .. | 24 | A | B8 |
| 2249 | C.Major | — | 1415 | 1179 | 7548 | 11.7 | −16 35 | 5.88 | 01 | .. | .. | .. | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | 13 | 39 | A | B5 |
| 2250 | Orion | — | 1233 | .. | .. | 11.9 | +14 5 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34a | .. | .. | .. | 37 | A | Bq |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**6h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2251 | Monoc. | — | 1168 | .. | .. | 11.9 | + 5 8 | 5.81 | .. | .. | 00 | 05 | .. | 04 | 09 | .. | .. | .. | .. | 15c | .. | .. | .. | R | F 8 | $g_0$ |
| 2252 | C.Major | — | 2936 | 1424 | 7561 | 12.1 | −29 45 | 6.62 | .. | .. | .. | .. | 27 | .. | 27 | .. | .. | .. | .. | .. | .. | .. | .. | 16. | K 5 | $K_2$ |
| 2253 | Orion | — | 1235 | 1180 | .. | 12.4 | +14 25 | 5.98 | 06 | .. | .. | .. | .. | 07 | 00 | .. | .. | .. | 10 | 45b | .. | .. | .. | 00 | A | ~~$g_0$~~ $A_0$ |
| 2254 | C.Major | — | 1364 | .. | 7574 | 12.8 | −22 40 | 6.04 | .. | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 21 | A | $g_0$ |
| 2255 | Monoc. | 6 | 1455 | 1181 | 7572 | 12.9 | −10 41 | 6.67 | 17 | .. | .. | .. | .. | 17 | .. | .. | 77 | .. | .. | .. | .. | .. | 12 | 03 | A 5 | $F_0$ |
| 2256 | Columb. | κ | 2800 | 1429 | 7586 | 13.0 | −35 6 | 4.51 | .. | 04 | .. | .. | 01 | 05 | 15 | 14 | .. | 22 | .. | .. | 11 | .. | 11 | 19. | K | $K_0$ |
| 2257 | Lynx | 4 | 964 | .. | .. | 13.2 | +59 24 | 6.02 | .. | .. | .. | 11 | .. | 10 | .. | .. | 12 | .. | .. | 32a | .. | .. | .. | 08 | A 2 | $A_2$ |
| 2258 | Orion | — | 1203 | .. | .. | 13.2 | +17 21 | 6.17 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 37a | .. | 14 | .. | 24 | A | $B_8$ |
| 2259 | Orion | — | 1184 | .. | .. | 13.2 | + 9 6 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10d | .. | .. | .. | 08 | F 5 | $K_0$ |
| 2260 | C.Major | — | 1426 | 1183 | 7588 | 13.2 | −16 46 | 5.28 | 16 | .. | .. | 20 | .. | 17 | .. | 19 | .. | .. | .. | .. | .. | .. | 18 | 73 | K | $K_0$ |
| 2261 | Mensa | α | 374 | 1430 | 7639 | 13.2 | −74 43 | 5.14 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | 05 | .. | .. | 04 | .. | 14 | 8. | K | $K_0$ |
| 2262 | Columb. | — | 2491 | .. | 7598 | 13.3 | −39 13 | 6.08 | .. | .. | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | .. | 07 | .. | .. | 9. | A 5 | $A_0$ |
| 2263 | Columb. | — | 2707 | 1431 | 7606 | 13.6 | −37 42 | 5.62 | .. | 05 | .. | .. | 05 | 13 | 01 | 11 | .. | .. | .. | .. | 13 | .. | 10 | 15. | G | $K_0$ |
| 2264 | Auriga | 45 | 1008 | 1182 | .. | 13.7 | +53 30 | 5.41 | 06 | .. | .. | .. | .. | 07 | 12 | .. | 31 | .. | 42 | 16c | .. | .. | 19 | 32 | F | $F_5$ |
| 2265 | Columb. | — | 2708 | 1432 | 7609 | 13.8 | −37 12 | 6.00 | .. | 16 | .. | .. | 07 | 01 | 10 | 00 | .. | .. | .. | .. | 05 | .. | 05 | 5. | A 5 | $A_2$ |
| 2266 | C.Major | — | 1407 | 1186 | 7608 | 13.9 | −19 56 | 5.31 | 23 | .. | 07 | .. | .. | 02 | 13 | .. | .. | .. | .. | .. | .. | .. | 03 | 14 | B 5 | $B_3$ |
| 2267 | Monoc. | — | 1411 | 1184 | 7611 | 14.1 | − 9 21 | 5.67 | 02 | .. | 10 | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | 02 | 78 | K 5 | $K_0$ |
| 2268 | C.Major | — | 1400 | .. | 7617 | 14.3 | −14 59 | 6.28 | .. | .. | 03 | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K p | $K_5$ |
| 2269 | Orion | — | 1247 | 1185 | .. | 14.4 | +14 41 | 6.02 | 05 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | .. | 37d | .. | .. | 08 | .. | K p | $K_5$ |
| 2270 | Monoc. | — | 1386 | .. | 7616 | 14.4 | − 8 32 | 6.07 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 13 | A | $B_9$ |
| 2271 | C.Major | — | 1355 | 1190 | 7626 | 14.7 | −20 53 | 5.66 | 23 | .. | 15 | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | 24 | 13 | A | $B_5$ |
| 2272 | Auriga | — | 1190 | 1187 | .. | 14.8 | +29 35 | 6.27 | 24 | .. | 09 | .. | .. | 08 | 06 | .. | .. | .. | 21 | 37a | .. | .. | 31 | 30 | A | $A_0$ |
| 2273 | Monoc. | 7 | 1373 | 1188 | 7628 | 14.9 | − 7 47 | 5.13 | 07 | .. | .. | .. | .. | 14 | 07 | .. | 47 | .. | 03 | .. | .. | .. | 08 | 06 | B 3 | $B_3$ |
| 2274 | Pictor | — | 619 | 1434 | 7655 | 14.9 | −59 9 | 6.42 | .. | .. | .. | .. | 09 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | 17 | 10. | F 8 | $g_0$ |
| 2275 | *Orion* | — | 1564 | 1189 | 7632 | 15.0 | − 2 54 | 5.18 | 07 | .. | .. | .. | .. | 06 | .. | .. | .. | .. | 18 | .. | .. | .. | 13 | 102 | Ma | Ma |
| 2276 | Orion | — | 1128 | .. | .. | 15.3 | +11 47 | 6.43 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 54b | .. | .. | .. | 66 | A | $B_5$ |
| 2277 | Orion | — | 1214 | .. | .. | 15.6 | +17 49 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 11c | .. | .. | .. | .. | K | $K_0$ |
| 2278 | Carina | — | 902 | .. | 7668 | 15.7 | −52 42 | 6.08 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | K | $K_0$ |
| 2279 | Columb. | — | 2795 | .. | 7672 | 16.1 | −34 22 | 5.83 | .. | .. | .. | .. | .. | .. | 19 | 19 | .. | .. | .. | .. | 02 | .. | .. | 4. | B 8 | $B_8$ |
| 2280 | Monoc. | — | 1197 | 1192 | .. | 16.2 | + 2 19 | 6.25 | 09 | .. | .. | .. | .. | 04 | 06 | .. | .. | .. | 24 | 23a | .. | .. | 05 | 12 | A | $A_6$ |
| 2281 | Puppis | — | 2169 | 1441 | 7689 | 16.3 | −50 19 | 6.88 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | 98 | .. | .. | 1. | F 2 | $g_5$ |
| 2282 | C.Major | ζ 1 | 3038 | 1444 | 7681 | 16.5 | −30 1 | 3.10 | 09 | 03 | .. | .. | 15 | 07 | 08 | 12 | 10 | 01 | .. | .. | .. | .. | 13 | 35 | B 3 | $B_3$ |
| 2283 | Mensa | — | 426 | .. | 7716 | 16.7 | −71 40 | 6.49 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | G | $F_8$ |
| 2284 | *C.Major* | — | 1460 | 1196 | 7683 | 16.8 | −11 44 | 5.49 | 20 | .. | .. | .. | .. | 02 | 19 | .. | .. | .. | .. | .. | .. | .. | 01 | 06 | B 2 | $B_2$ p |
| 2285 | Camel. | — | 401 | 1191 | .. | 16.9 | +70 37 | 5.99 | 08 | .. | 05 | .. | .. | 04 | .. | .. | .. | .. | 05 | 26b | .. | .. | 39 | 16 | A | $A_2$ |
| 2286 | Gemini | μ 13 | 1304 | 1194 | .. | 16.9 | +22 34 | 3.19 | 03 | .. | .. | .. | .. | 03 | .. | .. | 11 | .. | 26 | 13e | .. | .. | 01 | 166 | Ma | Ma |
| 2287 | Orion | — | 1123 | .. | .. | 17.0 | +12 37 | 5.97 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33c | .. | .. | .. | 14 | A | $F_0$ |
| 2288 | Columb. | — | 2806 | 1445 | 7697 | 17.0 | −34 6 | 5.60 | .. | 10 | .. | .. | 03 | 00 | 02 | 10 | .. | .. | .. | .. | 05 | 09 | 05 | 1. | B 2 | $B_2$ |
| 2289 | Auriga | ψ¹ 46 | 1488 | 1193 | .. | 17.2 | +49 20 | 5.10 | 05 | .. | 17 | .. | .. | 16 | 26 | .. | 13 | .. | 12 | 16e | .. | .. | 10 | 148 | K | $K_2$ |
| 2290 | Puppis | — | 2259 | .. | 7709 | 17.4 | −48 42 | 6.39 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | G | $g_0$ |
| 2291 | Lynx | — | 1125 | 1198 | .. | 18.0 | +56 20 | 5.50 | 14 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | 02 | 34b | .. | .. | 10 | 41 | A | $A_3$ |
| 2292 | Monoc. | — | 1221 | 1199 | .. | 18.0 | + 3 49 | 6.25 | 11 | .. | .. | 02 | .. | 10 | .. | .. | .. | .. | .. | 33a | .. | .. | 30 | 39 | B 3 | $B_3$ |
| 2293 | Lynx | 5 | 927 | 1197 | .. | 18.1 | +58 28 | 5.48 | 02 | .. | .. | .. | .. | 02 | .. | .. | 05 | .. | 13 | 17d | .. | .. | 02 | 91 | G 5 | $K_2$ |
| 2294 | C.Major | β 2 | 1467 | 1201 | 7719 | 18.3 | −17 54 | 1.99 | 02 | .. | .. | .. | .. | 02 | .. | .. | 04 | 29 | .. | .. | .. | .. | 01 | R | B 1 | $B_1$ |
| 2295 | Monoc. | — | 1484 | .. | 7720 | 18.4 | − 4 39 | 6.42 | .. | .. | 02 | .. | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 03 | A | $B_9$ |
| 2296 | Columb. | δ 3 | 2927 | 1453 | 7731 | 18.4 | −33 23 | 3.98 | 09 | 09 | .. | .. | 14 | 04 | 06 | 11 | 42 | 29 | .. | .. | 03 | .. | 08 | 17. | G 5 | $g_5$ |
| 2297 | Auriga | — | 1213 | .. | .. | 18.5 | +29 46 | 6.52 | .. | .. | 06 | .. | .. | 09 | 16 | .. | .. | .. | .. | 44a | .. | .. | .. | 30 | A | $B_9$ |
| 2298 | Monoc. | 8 | 1236 | 1200 | .. | 18.5 | + 4 39 | 4.48 | 07 | .. | .. | 05 | .. | 12 | .. | .. | 22 | .. | 56 | 27b | .. | 19 | 05 | 33 | A 5 | $A_5$ |
| 2299 | Monoc. | | 1237 | | | 18.5 | + 4 39 | 6.54 | | | | | | | | | | | | | | | | | | |
| 2300 | Monoc. | — | 1316 | 1202 | .. | 18.6 | + 8 56 | 6.11 | 12 | .. | .. | 04 | .. | 13 | 04 | .. | .. | .. | 28 | 37b | .. | .. | 11 | 32 | A | $A_0$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



6h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2301 | Monoc. | — | 1444 | .. | R | 18.8 | − 9 49 | 6.44 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K5 |
| 2302 | Orion | — | 1135 | .. | .. | 19.1 | +16 7 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16c | .. | .. | .. | .. | K | G5 |
| 2303 | C.Major | — | 1428 | .. | 7749 | 19.2 | −15 1 | 6.40 | .. | .. | 09 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Kp | K2 |
| 2304 | Gemini | — | 1347 | .. | .. | 19.4 | +23 23 | 6.02 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32a | .. | .. | .. | 32 | A | A0 |
| 2305 | C.Major | — | 1478 | 1204 | 7756 | 19.5 | −11 28 | 5.39 | 09 | .. | .. | .. | .. | 09 | .. | .. | .. | .. | .. | .. | .. | .. | 01 | 65 | K | K0 |
| 2306 | C.Major | — | 1435 | .. | 7757 | 19.5 | −19 44 | 6.56 | .. | .. | 08 | .. | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | 11 | A | B8 |
| 2307 | C.Major | — | 3245 | .. | 7762 | 19.5 | −31 45 | 6.44 | .. | .. | .. | .. | .. | .. | 18 | 18 | .. | .. | .. | .. | .. | .. | .. | 12. | G | G5 |
| 2308 | Orion | — | 1283 | .. | .. | 19.8 | +14 48 | 6.56 | .. | .. | 07 | 21 | .. | .. | 13 | .. | .. | .. | .. | 30f | .. | .. | .. | .. | N | N |
| 2309 | C.Major | — | 1470 | .. | 7763 | 19.8 | −12 55 | 5.95 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 30 | A | B8 |
| 2310 | Monoc. | T | 1273 | 1205 | .. | 19.8 | + 7 8 | var. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | v | G | G5p |
| 2311 | C.Major | — | 3189 | 1207 | 7774 | 19.9 | −25 32 | 5.73 | 06 | .. | .. | 17 | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | 02 | 21. | Kp | K2 |
| 2312 | Orion | — | 1332 | .. | .. | 20.1 | + 1 33 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 64 | A | A0 |
| 2313 | Monoc. | — | 1287 | 1208 | 7777 | 20.2 | − 0 52 | 5.85 | 04 | .. | 08 | .. | .. | 02 | 03 | .. | .. | .. | .. | .. | .. | .. | 03 | 39 | F2 | F8 |
| 2314 | Auriga | — | 1299 | .. | .. | 20.4 | +47 28 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 58a | .. | .. | .. | 09 | A | B9 |
| 2315 | Monoc. | — | 1227 | .. | .. | 20.6 | + 2 19 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 64b | .. | .. | .. | 16 | A | B9 |
| 2316 | Columb. | — | 2873 | 1474 | 7801 | 20.6 | −36 40 | 5.72 | .. | 22 | .. | .. | R | 07 | 13 | 26 | .. | .. | .. | .. | 57 | .. | 07 | 15. | G | G5 |
| 2317 | Monoc. | — | 1425 | .. | 7797 | 20.8 | − 3 50 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | G5 |
| 2318 | C.Major | — | 2981 | 1210 | 7807 | 20.9 | −28 44 | 6.24 | 16 | .. | .. | 04 | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | 29 | 13. | G | G0 |
| 2319 | Auriga | — | 1300 | .. | .. | 21.0 | +32 38 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 21c | .. | .. | .. | .. | G5 | K0 |
| 2320 | Pictor | ν | 1072 | 1476 | 7827 | 21.1 | −56 19 | 5.72 | .. | .. | .. | .. | 05 | .. | .. | 06 | .. | 30 | .. | .. | 42 | .. | 12 | 7. | A2 | A0 |
| 2321 | Monoc. | — | 1422 | .. | 7811 | 21.2 | − 7 51 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 58 | A | A2 |
| 2322 | Carina | — | 913 | .. | 7831 | 21.4 | −52 8 | 5.89 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | G | G5 |
| 2323 | Columb. | — | 2440 | 1479 | 7824 | 21.5 | −40 14 | 6.30 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | 9. | A | B9 |
| 2324 | Monoc. | — | 1242 | .. | 7815 | 21.6 | − 1 27 | 5.73 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 20 | .. | 04 | A | A0 |
| 2325 | Monoc. | — | 1510 | .. | 7818 | 21.6 | − 4 32 | 6.07 | .. | .. | 08 | .. | .. | 12 | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 27 | B3 | B3 |
| 2326 | Carina | α | 914 | 1480 | 7843 | 21.7 | −52 38 | 0.86 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | 00 | .. | .. | 05 | .. | 14 | 22. | F | F0 |
| 2327 | Orion | — | 1421 | .. | .. | 21.8 | + 0 54 | 6.51 | .. | .. | 02 | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 49 | A | A0 |
| 2328 | Monoc. | — | 1429 | .. | 7828 | 21.9 | − 7 27 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 13 | A | A0 |
| 2329 | Columb. | — | 2864 | 1482 | 7839 | 21.9 | −35 1 | 6.24 | .. | 04 | .. | .. | 04 | 08 | 14 | 16 | .. | .. | .. | .. | .. | .. | 14 | 10. | Kp | K0 |
| 2330 | Gemini | 16 | 1428 | .. | .. | 22.0 | +20 34 | 6.11 | .. | .. | 04 | 06 | .. | 04 | 05 | .. | 09 | .. | .. | 38a | .. | 14 | .. | 24 | A | A0 |
| 2331 | Lynx | 6 | 932 | .. | .. | 22.1 | +58 14 | 5.96 | .. | .. | .. | 07 | .. | 06 | .. | .. | 06 | .. | .. | 05c | .. | .. | .. | 43 | G | G5 |
| 2332 | Auriga | 48 | 1238 | 1211 | .. | 22.1 | +30 34 | var. | 19 | .. | .. | .. | .. | 08 | 11 | .. | 12 | .. | 06 | vc | .. | .. | 20 | 24 | G | G0 |
| 2333 | Monoc. | — | 1237 | 1212 | .. | 22.1 | + 2 58 | 5.77 | 06 | .. | .. | .. | .. | 02 | 07 | .. | .. | .. | 23 | 17c | .. | .. | 07 | 56 | G5 | G5 |
| 2334 | Orion | 77 | 1426 | 1214 | .. | 22.1 | + 0 21 | 5.29 | 14 | .. | .. | .. | .. | 00 | 13 | .. | 09 | .. | 25 | 01d | .. | .. | 08 | 47 | K | K0 |
| 2335 | Monoc. | 78 | 1299 | .. | 7834 | 22.2 | − 0 13 | 5.82 | .. | .. | .. | 13 | .. | 12 | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | K5 | K0 |
| 2336 | Pictor | — | 692 | 1488 | 7859 | 22.3 | −58 30 | 6.60 | .. | .. | .. | .. | 05 | .. | .. | 04 | .. | .. | .. | .. | 80 | .. | 25 | 3. | A | A2 |
| 2337 | Pictor | — | 561 | .. | 7869 | 22.4 | −63 38 | 6.22 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 22. | Kp | Ma |
| 2338 | Auriga | 47 | 1149 | 1213 | .. | 22.5 | +46 45 | 6.01 | 01 | .. | .. | .. | .. | 01 | .. | .. | 09 | .. | .. | 05d | .. | .. | .. | .. | K | K0 |
| 2339 | Auriga | — | 1122 | .. | .. | 22.7 | +27 2 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28b | .. | .. | .. | .. | F | F5 |
| 2340 | Gemini | — | 1159 | .. | .. | 22.7 | +16 19 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 12c | .. | .. | .. | .. | K | G5 |
| 2341 | Carina | — | 919 | .. | 7862 | 22.7 | −52 45 | 6.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | A | K0 |
| 2342 | Monoc. | — | 1149 | .. | .. | 22.8 | +10 23 | 6.19 | .. | .. | 16 | .. | .. | 16 | .. | .. | .. | .. | .. | 11c | .. | .. | .. | .. | G | K0 |
| 2343 | Gemini | ν 18 | 1441 | 1216 | .. | 23.0 | +20 17 | 4.06 | 08 | .. | .. | .. | .. | 10 | 03 | .. | 14 | .. | 27 | 36b | .. | .. | 14 | 02 | B5 | B5 |
| 2344 | Monoc. | 10 | 1526 | 1217 | 7856 | 23.0 | − 4 42 | 4.98 | 00 | .. | 07 | .. | .. | 10 | 05 | .. | 01 | .. | 16 | .. | .. | .. | 13 | 27 | B3 | B3 |
| 2345 | Pictor | — | 608 | 1493 | 7880 | 23.0 | −60 14 | 6.02 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | 16 | .. | .. | 62 | .. | 02 | 2. | A | A0 |
| 2346 | Camel. | — | 208 | 1209 | .. | 23.1 | +79 40 | 6.52 | 18 | .. | 09 | .. | .. | 04 | 06 | .. | .. | .. | 43 | 44b | .. | .. | 08 | 27 | A | A0 |
| 2347 | Monoc. | — | 1244 | .. | .. | 23.1 | + 1 58 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 39b | .. | .. | .. | 32 | A | B9 |
| 2348 | Puppis | G | 2308 | 1494 | 7874 | 23.1 | −48 7 | 5.94 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | 33 | .. | .. | 44 | .. | 14 | 0. | A | B9 |
| 2349 | C.Major | — | 3237 | 1218 | 7865 | 23.2 | −25 48 | 6.04 | 02 | .. | .. | 09 | .. | 08 | 18 | .. | .. | .. | .. | .. | .. | .. | 04 | 9. | F5 | F8 |
| 2350 | Camel. | — | 177 | .. | .. | 23.4 | +82 12 | 6.39 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 45b | .. | .. | .. | 22 | A | A2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**6h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2351 | Monoc. | — | 1193 | .. | .. | 23.5 | +11 5 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 46b | .. | .. | .. | .. | B | F0 |
| 2352 | Dorado | $\pi^1$ | 607 | *1496* | 7911 | 23.6 | −69 56 | 5.56 | .. | .. | .. | .. | 04 | .. | .. | *03* | .. | *32* | .. | .. | *21* | .. | *06* | 20. | F | K5 |
| 2353 | Columb. | — | 2837 | .. | 7889 | 23.7 | −37 50 | 6.51 | .. | .. | .. | .. | .. | .. | 05 | *05* | .. | .. | .. | .. | .. | .. | .. | 5. | A 8 | F0 |
| 2354 | Pictor | — | 568 | .. | 7905 | 23.8 | −63 22 | 6.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | Ma | G0 |
| 2355 | Monoc. | — | 1253 | .. | .. | 24.0 | + 2 43 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *11*d | .. | .. | .. | .. | Ma | Ma |
| 2356 | Monoc. | | 1574 | 1220 | 7883 | 24.0 | − 6 58 | 4.73 | | | | | | | | | | | | | | | | | | |
| 2357 | Monoc. | $\beta$ 11 | 1575 | 1221 | 7885 | 24.0 | − 6 58 | 5.22 | 00 | .. | .. | .. | .. | 01 | .. | .. | 18 | .. | 38 | .. | .. | .. | 06 | 05 | B 3 p | B2 p |
| 2358 | Monoc. | | | | 7886 | 24.0 | − 6 58 | 5.60 | | | | | | | | | | | | | | | | | | |
| 2359 | C.Major | — | 1506 | .. | 7894 | 24.2 | −17 24 | 5.94 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 2 | G5 |
| 2360 | Pictor | — | 572 | .. | 7916 | 24.4 | −63 46 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *61* | .. | .. | *3*. | B 8 | B5 |
| 2361 | C.Major | $\lambda$ | 3066 | *1499* | 7904 | 24.5 | −32 31 | 4.48 | *35* | 16 | .. | .. | 12 | 06 | *08* | 09 | .. | 12 | .. | .. | 22 | .. | 22 | *1*. | B 5 | B5 |
| 2362 | Monoc. | — | 1259 | .. | .. | 24.6 | + 9 6 | 6.48 | .. | .. | *16* | 01 | .. | .. | 14 | .. | .. | .. | .. | 44b | .. | .. | .. | 23 | A | A0 |
| 2363 | Camel. | — | 227 | 1215 | .. | 24.9 | +78 4 | 5.88 | *20* | .. | .. | .. | .. | 19 | 01 | .. | .. | .. | *03* | *07*d | .. | .. | *18* | 76 | K | K0 |
| 2364 | C.Major | — | 3072 | *1503* | 7914 | 24.9 | −32 18 | 5.80 | .. | *10* | .. | .. | 20 | *12* | *15* | 17 | .. | .. | .. | .. | *25* | .. | 25 | *1*. | B 3 | B3 |
| 2365 | Camel. | — | 340 | 1219 | .. | 25.4 | +73 46 | 6.22 | *07* | *03* | .. | .. | .. | 02 | 06 | .. | .. | .. | .. | 20b | .. | 05 | 28 | 07 | F | F2 |
| 2366 | Gemini | — | 1275 | .. | .. | 25.4 | +17 1 | 6.19 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 11d | .. | .. | .. | .. | K | K0 |
| 2367 | Monoc. | — | *1493* | .. | 7921 | 25.5 | −10 1 | 6.13 | .. | .. | *02* | .. | .. | *02* | 04 | .. | .. | .. | .. | .. | .. | .. | .. | *08* | A | K0 |
| 2368 | Columb. | — | *2482* | .. | 7931 | 25.5 | −41 1 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | F | F2 |
| 2369 | Pictor | — | 1001 | *1508* | 7940 | 25.5 | −57 56 | 5.73 | .. | .. | .. | .. | 04 | .. | .. | *04* | .. | 34 | .. | .. | *03* | .. | 27 | 14. | K | K0 |
| 2370 | Monoc. | — | 1204 | .. | .. | 25.6 | +11 19 | 5.83 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 51b | .. | .. | .. | *29* | A | B0 |
| 2371 | Auriga | 19 | *1178* | .. | .. | 25.9 | +15 58 | 6.37 | .. | .. | .. | A | .. | .. | .. | .. | 18 | .. | .. | 22b | .. | .. | .. | 07 | A | A5 |
| 2372 | Auriga | — | 1324 | 1223 | .. | 26.0 | +32 31 | 5.98 | *01* | .. | .. | .. | .. | 05 | *04* | .. | .. | .. | *21* | 13b | .. | *05* | *66* | *17* | A | A0 |
| 2373 | C.Major | — | 1519 | .. | 7935 | 26.0 | −13 5 | 6.09 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 08 | .. | *34* | A | B3 |
| 2374 | Monoc. | — | 1207 | .. | .. | 26.1 | +11 52 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 31b | .. | .. | .. | .. | A | B8 |
| 2375 | Monoc. | — | 1209 | 1224 | .. | 26.2 | +11 36 | 5.08 | *22* | .. | .. | .. | .. | 22 | 01 | .. | .. | .. | *19* | 33b | .. | .. | *18* | 24 | A | A2 |
| 2376 | Lynx | 7 | 1093 | .. | .. | 26.3 | +55 26 | 6.53 | .. | .. | *07* | .. | .. | .. | 07 | .. | R | .. | .. | 09d | .. | .. | .. | .. | K | K0 |
| 2377 | Dorado | $\pi^2$ | 614 | *1516* | 7985 | 26.3 | −69 38 | 5.40 | .. | .. | .. | .. | 04 | .. | .. | *03* | .. | *16* | .. | .. | *05* | .. | 12 | 15. | G 5 | G5 |
| 2378 | Monoc. | — | 1213 | .. | .. | 26.8 | +11 45 | 6.15 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13c | .. | .. | .. | .. | A | K0 |
| 2379 | C.Major | — | 1518 | 1226 | 7958 | 26.8 | −12 19 | 5.33 | *07* | .. | .. | .. | .. | 06 | 02 | .. | .. | .. | .. | .. | .. | .. | *13* | 25 | K | K0 |
| 2380 | C.Major | — | 3051 | 1228 | 7964 | 26.8 | −27 42 | 5.81 | *07* | .. | .. | 10 | .. | 03 | *07* | .. | .. | 19 | .. | .. | .. | .. | *09* | *23* | B 8 | B5 |
| 2381 | Monoc. | — | 1462 | 1229 | 7965 | 27.0 | − 8 5 | 5.59 | *03* | .. | .. | .. | .. | 03 | .. | .. | .. | .. | *16* | .. | .. | .. | 01 | .. | K | K0 |
| 2382 | Monoc. | 12 | 1304 | 1227 | .. | 27.1 | + 4 55 | 5.98 | *29* | .. | 03 | 00 | .. | 05 | 22 | .. | *18* | .. | 05 | 06d | .. | .. | *28* | .. | K | K0 |
| 2383 | Auriga | — | 1356 | .. | .. | 27.2 | +33 6 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34a | .. | .. | .. | *22* | A | A0 |
| 2384 | Puppis | — | 2241 | *1521* | 7991 | 27.3 | −50 10 | 5.32 | .. | .. | .. | .. | 02 | .. | .. | *01* | .. | *06* | .. | .. | *02* | .. | 10 | 6. | F | F2 |
| 2385 | Monoc. | 13 | 1337 | 1231 | .. | 27.5 | + 7 24 | 4.50 | *19* | .. | .. | 11 | .. | *14* | 22 | .. | 43 | .. | 28 | 23b | .. | .. | *05* | 07 | A | A0 p |
| 2386 | Monoc. | — | 1678 | 1232 | 7978 | 27.5 | − 5 48 | 5.64 | 08 | .. | *01* | .. | .. | *06* | 00 | .. | .. | .. | 18 | .. | .. | .. | 21 | 24 | A | ~~A0 p~~ A5 |
| 2387 | C.Major | $\xi^1$ 4 | 3991 | 1235 | 7989 | 27.6 | −23 21 | 4.35 | *14* | .. | .. | 06 | .. | 02 | .. | 07 | *15* | .. | .. | .. | .. | .. | 05 | *11* | B 1 | B1 |
| 2388 | Columb. | — | 2947 | *1525* | 7992 | 27.7 | −35 11 | 5.76 | .. | .. | .. | .. | *11* | .. | 21 | *11* | .. | .. | .. | .. | .. | .. | .. | 16. | F 2 | G0 |
| 2389 | Pictor | — | 1095 | *1526* | 8007 | 27.7 | −56 47 | 5.16 | .. | .. | .. | .. | 09 | .. | .. | *08* | .. | 40 | .. | .. | *11* | .. | 34 | 19. | G 5 | A3 comp. |
| 2390 | Columb. | — | 2512 | .. | 7998 | 27.8 | −40 51 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K | K0 |
| 2391 | Gemini | — | 1339 | 1234 | .. | 27.9 | +14 14 | 5.61 | 00 | .. | 03 | .. | .. | *03* | .. | .. | .. | .. | .. | 05c | .. | .. | *01* | .. | K | K2 |
| 2392 | *C.Major* | — | 1520 | 1236 | 7996 | 28.1 | −11 6 | 6.38 | *08* | .. | .. | .. | .. | 09 | .. | .. | .. | .. | .. | .. | .. | .. | *23* | 21 | A | K0 |
| 2393 | Columb. | — | 2962 | .. | 8004 | 28.2 | −36 52 | 6.31 | .. | .. | .. | .. | .. | .. | 21 | *21* | .. | .. | .. | .. | .. | .. | .. | 11. | Ma | Ma |
| 2394 | Lynx | 8 | 893 | 1233 | .. | 28.6 | +61 34 | 6.05 | 08 | .. | .. | *02* | .. | *06* | .. | .. | *25* | .. | 03 | 18d | .. | .. | *30* | 21 | F | G0 |
| 2395 | Monoc. | — | 1274 | 1238 | 8006 | 28.6 | − 1 9 | 5.02 | *07* | .. | .. | .. | .. | *06* | 01 | 12 | .. | .. | *29* | .. | .. | .. | *20* | *21* | B 3 | B3 |
| 2396 | Camel. | — | 359 | 1230 | .. | 28.8 | +71 50 | 6.07 | 06 | .. | .. | .. | .. | *13* | 06 | .. | .. | .. | 08 | *13*c | .. | .. | 03 | 27 | K | G5 |
| 2397 | C.Major | — | 3407 | *1528* | 8017 | 28.9 | −31 57 | 5.70 | *04* | *20* | .. | .. | 23 | 08 | *15* | 08 | .. | .. | .. | .. | *20* | .. | 10 | *3*. | B 3 | B3 |
| 2398 | Auriga | 49 | 1168 | 1239 | .. | 29.0 | +28 6 | 5.05 | *19* | .. | .. | .. | .. | 12 | 08 | .. | *20* | .. | *10* | 45b | .. | .. | 23 | 13 | A | A0 |
| 2399 | Columb. | — | 2889 | *1529* | 8023 | 29.0 | −37 37 | 5.31 | .. | 03 | .. | .. | *08* | 03 | 14 | *11* | .. | .. | .. | .. | .. | .. | *06* | 16. | G | G5 |
| 2400 | Carina | — | 1946 | *1530* | 8034 | 29.0 | −51 45 | 5.60 | .. | .. | .. | .. | 08 | .. | .. | *07* | .. | .. | .. | .. | .. | .. | 08 | 7. | F 8 | F8 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



6h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 2401 | Camel. | — | 212 | 1225 | .. | 29.2 | +79 40 | 5.60 | 09 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 11 | 04b | .. | .. | 40 | 13 | F 8 |
| 2402 | Lynx | 11 | 1136 | 1237 | .. | 29.2 | +56 56 | 5.75 | 06 | .. | .. | .. | .. | 02 | 09 | .. | 00 | .. | 11 | 39b | .. | 22 | 15 | 02 | A |
| 2403 | C.Major | — | 1437 | .. | 8027 | 29.2 | −20 51 | 6.44 | .. | .. | 07 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 16. | G |
| 2404 | Monoc. | 14 | 1357 | .. | .. | 29.4 | + 7 39 | 6.42 | .. | .. | .. | A | .. | .. | .. | .. | 62 | .. | .. | 24b | .. | .. | .. | 37 | A |
| 2405 | Auriga | — | 1539 | .. | .. | 29.7 | +38 31 | 5.87 | .. | .. | .. | 03 | .. | 17 | 14 | .. | .. | .. | .. | 31f | .. | .. | 13 | .. | N |
| 2406 | Monoc. | — | 1186 | .. | .. | 29.8 | +10 4 | 6.06 | .. | .. | 01 | 04 | .. | 09 | 05 | .. | .. | .. | .. | 04d | .. | .. | .. | .. | K |
| 2407 | Columb. | — | 2730 | .. | 8047 | 29.8 | −38 33 | 6.38 | .. | .. | .. | .. | .. | .. | 14 | 13 | .. | .. | .. | .. | .. | .. | .. | 8. | G 2 |
| 2408 | Dorado | — | 610 | .. | 8062 | 29.8 | −65 30 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | A 5 |
| 2409 | Monoc. | — | 1491 | .. | .. | 30.1 | + 0 58 | 5.69 | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | 39b | .. | .. | .. | 07 | A |
| 2410 | Pictor | — | 669 | .. | 8067 | 30.2 | −61 48 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 69 | .. | .. | 3. | B 5 |
| 2411 | Columb. | — | 2990 | 1533 | 8057 | 30.3 | −36 9 | 5.45 | .. | 09 | .. | .. | 15 | 23 | 08 | 24 | .. | .. | .. | .. | .. | .. | 17 | 15. | K p |
| 2412 | Pictor | μ | 722 | 1535 | 8071 | 30.5 | −58 41 | 5.78 | .. | .. | .. | .. | 04 | .. | .. | 05 | .. | 18 | .. | .. | 43 | .. | 13 | 4. | A |
| 2413 | Monoc. | — | 1335 | .. | .. | 30.7 | + 4 35 | 6.46 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | 36a | .. | .. | .. | 42 | A |
| 2414 | C.Major | $\xi^2$ 5 | 1458 | 1242 | 8065 | 30.9 | −22 53 | 4.54 | 19 | .. | .. | 16 | .. | 00 | .. | 04 | 14 | .. | .. | .. | .. | .. | 09 | 09 | A |
| 2415 | C.Major | — | 3168 | 1538 | 8068 | 30.9 | −32 38 | 5.57 | 29 | 13 | .. | .. | 36 | 03 | 06 | 16 | .. | .. | .. | .. | 32 | .. | 31 | 4. | A |
| 2416 | Carina | — | 947 | .. | 8085 | 31.2 | −52 15 | 6.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | G |
| 2417 | Gemini | — | 1328 | .. | .. | 31.4 | +24 40 | 6.44 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | 32a | .. | .. | .. | .. | A 2 |
| 2418 | Monoc. | — | 1710 | 1246 | 8082 | 31.6 | − 5 8 | 5.48 | 26 | .. | 07 | .. | .. | 03 | .. | 16 | .. | .. | 13 | .. | .. | .. | 18 | 00 | A |
| 2419 | Auriga | 51 | 1690 | 1244 | .. | 31.7 | +39 29 | 5.71 | 02 | .. | 01 | 09 | .. | 11 | .. | .. | 19 | .. | .. | 17c | .. | .. | 06 | .. | K |
| 2420 | Auriga | $\psi^3$ 52 | 1665 | 1245 | .. | 31.9 | +39 59 | 5.28 | 14 | .. | 01 | .. | .. | 14 | .. | .. | 23 | .. | 07 | 17a | .. | .. | 13 | 22 | B 8 |
| 2421 | Gemini | γ 24 | 1223 | 1249 | .. | 31.9 | +16 29 | 1.93 | 07 | .. | .. | 02 | .. | 05 | .. | .. | 37 | 29 | 20 | 41b | .. | .. | 32 | R | A |
| 2422 | Monoc. | — | 1309 | 1250 | .. | 32.0 | + 6 13 | 6.06 | 02 | .. | .. | 07 | .. | 04 | .. | .. | .. | .. | 14 | 28a | .. | .. | 04 | 22 | A 5 |
| 2423 | C.Major | $\nu^1$ 6 | 1480 | .. | 8088 | 32.0 | −18 35 | 5.81 | .. | .. | .. | 23 | .. | 04 | 20 | .. | 41 | R | .. | .. | .. | .. | .. | 15 | K |
| 2424 | Columb. | — | 3009 | 1544 | 8093 | 32.0 | −36 42 | 5.60 | .. | 13 | .. | .. | 13 | 04 | 09 | 04 | .. | .. | .. | .. | .. | .. | 25 | 4. | A |
| 2425 | Auriga | 53 | 1293 | 1248 | .. | 32.1 | +29 4 | 5.54 | 08 | .. | 02 | .. | .. | 06 | .. | .. | 03 | .. | 11 | 65a | .. | .. | 10 | 02 | A |
| 2426 | Monoc. | — | 1201 | .. | .. | 32.1 | +10 56 | 6.60 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10d | .. | .. | .. | .. | G 5 p |
| 2427 | Auriga | $\psi^2$ 50 | 1585 | 1247 | .. | 32.2 | +42 35 | 5.09 | 08 | .. | .. | .. | .. | 17 | 08 | .. | 06 | .. | 00 | 21d | .. | .. | 06 | 95 | K |
| 2428 | C.Major | — | 1570 | .. | 8090 | 32.2 | −13 14 | 6.40 | .. | .. | .. | 02 | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K 5 |
| 2429 | C.Major | $\nu^2$ 7 | 1502 | 1251 | 8101 | 32.3 | −19 10 | 4.14 | 11 | .. | 04 | .. | .. | 16 | 04 | 17 | 31 | 01 | .. | .. | .. | .. | 09 | 77 | K |
| 2430 | Monoc. | — | 1315 | .. | .. | 32.4 | + 2 48 | 6.42 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 04d | .. | .. | .. | .. | G |
| 2431 | Columb. | — | 3005 | .. | 8111 | 32.4 | −36 0 | 6.28 | .. | .. | .. | .. | .. | .. | 03 | 03 | .. | .. | .. | .. | .. | .. | .. | 9. | F 2 |
| 2432 | Monoc. | — | 1334 | .. | .. | 32.5 | + 5 3 | 6.16 | .. | .. | 05 | .. | .. | 11 | 06 | .. | .. | .. | .. | 28c | .. | .. | .. | 12 | A p |
| 2433 | C.Major | — | 1472 | .. | 8109 | 32.5 | −22 32 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 8. | B 8 |
| 2434 | Auriga | — | 1506 | .. | .. | 32.7 | +44 6 | 6.51 | .. | .. | 09 | .. | .. | .. | 09 | .. | .. | .. | .. | 02c | .. | .. | .. | .. | G |
| 2435 | Carina | N | 953 | 1553 | 8133 | 32.8 | −52 53 | 4.44 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | 10 | .. | .. | 01 | .. | 11 | 3. | A |
| 2436 | Gemini | — | 1416 | .. | .. | 33.1 | +22 7 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16c | .. | .. | .. | .. | G 2 |
| 2437 | C.Major | — | 1566 | .. | 8122 | 33.1 | −12 54 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 06 | A |
| 2438 | Auriga | 54 | 1196 | 1252 | .. | 33.3 | +28 21 | 5.84 | 18 | .. | .. | .. | .. | 16 | 01 | .. | 14 | .. | 09 | 48a | .. | .. | 09 | 23 | A |
| 2439 | Gemini | — | 1343 | .. | .. | 33.4 | +24 41 | 6.48 | .. | .. | 03 | .. | .. | .. | 04 | .. | .. | .. | .. | 22b | .. | .. | .. | .. | F |
| 2440 | Monoc. | — | 1691 | .. | 8127 | 33.4 | − 2 27 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 |
| 2441 | Monoc. | — | 1365 | .. | .. | 33.5 | + 4 47 | 6.55 | .. | .. | 05 | .. | .. | .. | 05 | .. | .. | .. | .. | 19b | .. | .. | .. | 46 | A |
| 2442 | Monoc. | — | 1443 | .. | .. | 33.5 | + 1 42 | 6.13 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 35c | .. | .. | .. | 14 | A p |
| 2443 | C.Major | $\nu^3$ 8 | 1492 | 1253 | 8139 | 33.5 | −18 9 | 4.65 | 03 | .. | .. | 06 | .. | 04 | 04 | 11 | 10 | 32 | .. | .. | .. | .. | 13 | 72 | G 5 p |
| 2444 | Columb. | — | 2782 | .. | 8151 | 33.6 | −38 4 | 5.96 | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | 12. | G |
| 2445 | Columb. | — | 2488 | .. | 8153 | 33.7 | −41 28 | 6.25 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K |
| 2446 | Columb. | — | 3031 | 1561 | 8155 | 33.8 | −36 54 | 5.72 | .. | 25 | .. | .. | 08 | 05 | 04 | 10 | .. | .. | .. | .. | .. | .. | R | 5. | A |
| 2447 | C.Major | — | 3216 | 1564 | 8160 | 34.0 | −32 15 | 5.27 | .. | 03 | .. | .. | 10 | 15 | 07 | 16 | .. | .. | .. | .. | 07 | .. | 13 | 19. | G |
| 2448 | C.Major | — | 1554 | .. | 8156 | 34.1 | −16 47 | 5.93 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 21 | A |
| 2449 | Gemini | — | 1356 | .. | .. | 34.2 | +13 5 | 5.88 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34a | .. | .. | .. | 25 | A |
| 2450 | C.Major | — | 1525 | 1254 | 8174 | 34.7 | −14 3 | 4.97 | 00 | .. | 10 | .. | .. | 07 | .. | 18 | .. | .. | .. | .. | .. | .. | 07 | 97 | K |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..5



**6h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2451 | Puppis | ν | 2576 | *1569* | 8181 | 34.7 | −43 6 | 3.18 | .. | .. | .. | .. | 05 | *01* | *12* | 09 | .. | 12 | .. | .. | 02 | .. | *10* | 6. | B 8 | B8 |
| 2452 | Auriga | — | 1482 | .. | .. | 34.9 | +36 3 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 38c | .. | .. | .. | .. | F 5 | F5 |
| 2453 | Gemini | — | 1207 | .. | .. | 35.0 | +28 18 | 6.54 | .. | .. | .. | 02 | .. | *12* | 10 | .. | *34* | .. | .. | 14c | .. | .. | *39* | .. | G | K0 |
| 2454 | Monoc. | — | 1338 | .. | .. | 35.1 | + 6 28 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 41a | .. | .. | .. | *38* | A | B9 |
| 2455 | C.Major | — | 4172 | 1257 | 8198 | 35.4 | −23 36 | 5.91 | *14* | .. | .. | 07 | .. | 04 | 03 | .. | .. | .. | .. | .. | .. | .. | *23* | *43* | A | A0 |
| 2456 | Monoc. | S 15 | *1220* | 1256 | .. | 35.5 | + 9 59 | 4.68 | *11* | .. | 04 | 17 | .. | *09* | .. | .. | *03* | .. | *10* | .. | .. | .. | *08* | *47* | Oe 5 | Oe5 |
| 2457 | Gemini | — | 1242 | .. | .. | 35.6 | +16 30 | 6.18 | .. | .. | .. | 06 | .. | *01* | *05* | .. | .. | .. | .. | 35a | .. | .. | .. | *29* | A | A0 |
| 2458 | Monoc. | — | 1273 | .. | .. | 35.7 | +11 6 | 6.43 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | *16*d | .. | .. | .. | .. | K p | Ma |
| 2459 | Auriga | $\psi^4$ 55 | 1518 | 1255 | .. | 35.8 | +44 38 | 5.17 | 04 | .. | .. | *03* | .. | 00 | *01* | .. | *17* | .. | 06 | *09*e | .. | .. | 03 | 121 | K | K5 |
| 2460 | C.Major | — | 3386 | *1579* | 8212 | 35.9 | −30 22 | 5.78 | 03 | 06 | .. | .. | *05* | 03 | 09 | *13* | .. | .. | .. | .. | .. | .. | *20* | 16. | K | K0 |
| 2461 | Monoc. | — | 1546 | 1258 | .. | 36.0 | + 0 36 | 5.64 | 07 | .. | *11* | .. | .. | 04 | .. | .. | .. | .. | .. | 41b | .. | .. | 03 | *08* | A | B9 |
| 2462 | Puppis | — | 2417 | *1583* | 8227 | 36.0 | −48 8 | 5.00 | .. | .. | .. | .. | *01* | .. | .. | 02 | .. | 26 | .. | .. | 20 | .. | 02 | 12. | K | K0 |
| 2463 | Lynx | — | 1056 | .. | .. | 36.1 | +53 24 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *01*c | .. | .. | .. | 40 | K | K0 |
| 2464 | Auriga | — | 1567 | .. | .. | 36.5 | +37 15 | 6.24 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17c | .. | .. | .. | .. | K 5 p | K0 |
| 2465 | Puppis | — | 2817 | .. | 8243 | 36.5 | −38 4 | 6.54 | .. | .. | .. | .. | .. | .. | 08 | *09* | .. | .. | .. | .. | .. | .. | .. | 12. | K | K0 |
| 2466 | Gemini | 26 | 1357 | 1260 | .. | 36.6 | +17 45 | 5.14 | *09* | .. | .. | 14 | .. | *06* | .. | .. | 06 | .. | 06 | 27b | .. | .. | *14* | 04 | A | A0 |
| 2467 | Monoc. | — | 1351 | .. | .. | 36.6 | + 6 27 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 44b | .. | .. | .. | *31* | A | B2 |
| 2468 | Pictor | — | 688 | .. | 8269 | 37.0 | −61 26 | 6.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *41* | .. | .. | 7. | F 8 | G0 |
| 2469 | Monoc. | — | 1601 | 1262 | 8250 | 37.2 | − 9 4 | 5.32 | 10 | .. | *05* | .. | .. | 01 | 09 | *16* | .. | .. | 59 | .. | .. | .. | 10 | 79 | K p | K5 |
| 2470 | Lynx | 12 | 1015 | 1261 | .. | 37.4 | +59 33 | 4.89 | *21* | .. | .. | .. | .. | 21 | 00 | .. | *09* | .. | *04* | 11b | .. | .. | 16 | 17 | A 2 | A2 |
| 2471 | Auriga | — | 1494 | .. | .. | 37.5 | +36 12 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 37b | .. | .. | .. | *30* | A | A0 |
| 2472 | Gemini | — | .. | .. | .. | 37.8 | +30 2 | nov. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Pec. | Pec |
| 2473 | Gemini | ε 27 | 1406 | 1263 | .. | 37.8 | +25 14 | 3.18 | 01 | .. | .. | .. | .. | 00 | .. | .. | 12 | .. | 11 | 03e | .. | .. | 02 | 148 | G 5 | G5 |
| 2474 | Monoc. | — | 1371 | .. | .. | 37.9 | + 3 8 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *11*d | .. | .. | .. | .. | K | K0 |
| 2475 | Puppis | — | 2625 | *1595* | 8282 | 38.0 | −40 15 | 6.12 | .. | .. | .. | .. | 03 | .. | .. | *04* | .. | .. | .. | .. | .. | .. | .. | 4. | A | B5 |
| 2476 | Puppis | — | 2521 | .. | 8292 | 38.1 | −47 34 | 6.47 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *47* | .. | .. | 11. | B | Ma |
| 2477 | Lynx | 13 | 1004 | 1264 | .. | 38.3 | +57 17 | 5.47 | *08* | .. | .. | .. | .. | 00 | 09 | .. | *17* | .. | 16 | 01c | .. | .. | .. | 66 | K | G5 |
| 2478 | Gemini | 30 | 1390 | 1266 | .. | 38.1 | +33 20 | 4.65 | *03* | .. | .. | 06 | .. | *03* | .. | .. | 10 | .. | 54 | *08*d | .. | .. | *05* | 93 | K | K0 |
| 2479 | Monoc. | — | 1414 | .. | .. | 38.3 | + 4 2 | 5.78 | .. | .. | 07 | .. | .. | *06* | .. | .. | .. | .. | .. | 40b | .. | .. | .. | *25* | A | B0 |
| 2480 | Gemini | 28 | 1327 | 1265 | .. | 38.5 | +29 4 | 5.54 | *15* | .. | 17 | .. | .. | *01* | 00 | .. | 06 | .. | *16* | 02d | .. | .. | *10* | .. | K p | K0 |
| 2481 | C.Major | — | 1505 | .. | 8294 | 38.6 | −22 21 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 8. | F | F0 |
| 2482 | Puppis | — | 2844 | .. | 8304 | 38.8 | −38 18 | 6.31 | .. | .. | .. | .. | .. | .. | *17* | 17 | .. | .. | .. | .. | .. | .. | .. | 7. | A 5 | A3 |
| 2483 | Auriga | $\psi^5$ 56 | 1595 | 1269 | .. | 39.5 | +43 41 | 5.34 | 05 | .. | .. | .. | .. | *04* | .. | .. | 16 | .. | 24 | 17c | .. | .. | *11* | 44 | F 5 | G0 |
| 2484 | Gemini | ξ 31 | 1396 | 1272 | .. | 39.7 | +13 0 | 3.40 | *04* | .. | .. | .. | .. | 05 | .. | .. | 27 | .. | *04* | 23b | .. | .. | 20 | 58 | F 5 | F5 |
| 2485 | Lynx | — | 1122 | 1267 | .. | 39.9 | +55 49 | 6.33 | *09* | .. | R | .. | .. | 08 | 01 | .. | .. | .. | 11 | 59c | .. | .. | *05* | 41 | F | F5 |
| 2486 | Lynx | — | | 1268 | .. | 39.9 | +55 49 | 6.28 | | | | | | | | | | | | 49c | | | | | | |
| 2487 | Auriga | $\psi^6$ 57 | 1436 | 1271 | .. | 40.0 | +48 53 | 5.28 | *01* | .. | .. | .. | .. | 02 | .. | .. | *08* | .. | 04 | 06d | .. | .. | 02 | 88 | K | K0 |
| 2488 | Puppis | — | 2798 | .. | 8335 | 40.0 | −39 5 | 6.30 | .. | .. | .. | .. | .. | .. | *17* | 16 | .. | .. | .. | .. | .. | .. | .. | 9. | A | A3 |
| 2489 | Gemini | 32 | 1275 | .. | .. | 40.3 | +12 49 | 6.43 | .. | .. | .. | A | .. | .. | .. | .. | *73* | .. | .. | .. | .. | .. | .. | .. | F | F0 |
| 2490 | Camel. | 42 | 454 | 1270 | .. | 40.5 | +67 41 | 5.04 | *11* | *05* | .. | .. | .. | 10 | 08 | .. | *22* | .. | *12* | 30b | .. | 19 | *08* | 02 | B 3 | B3 |
| 2491 | C.Major | α 9 | 1591 | 1275 | 8348 | 40.7 | −16 35 | *1.58* | 15 | .. | .. | *18* | .. | *09* | .. | 12 | R | 06 | 63 | .. | .. | .. | 18 | R | A | A0 |
| 2492 | C.Major | 10 | 3484 | *1607* | 8351 | 40.7 | −30 58 | 5.16 | 02 | *06* | .. | .. | *11* | *09* | 13 | 08 | *26* | 22 | .. | .. | *01* | .. | 09 | *1.* | B | B3 |
| 2493 | C.Major | — | 3248 | .. | 8355 | 40.9 | −27 14 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 9. | F | F8 |
| 2494 | Monoc. | 16 | 1486 | 1277 | .. | 41.1 | + 8 42 | 5.84 | *22* | .. | .. | 18 | .. | 03 | .. | .. | *44* | .. | *39* | 36b | .. | .. | 01 | *30* | A | B3 |
| 2495 | C.Major | — | 4325 | .. | 8361 | 41.2 | −23 22 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 2496 | Auriga | — | R | 1274 | .. | 41.3 | +41 22 | 5.34 | A | .. | .. | .. | .. | R | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | A | Cluster |
| 2497 | C.Major | — | 3495 | .. | 8363 | 41.3 | −30 29 | 6.47 | .. | .. | .. | .. | .. | *18* | 02 | 15 | .. | .. | .. | .. | .. | .. | .. | 3. | A | B5 |
| 2498 | C.Major | — | 1573 | 1278 | 8367 | 41.4 | −14 42 | 5.30 | *01* | .. | 16 | .. | .. | *05* | .. | *08* | .. | .. | .. | .. | .. | .. | 05 | *04* | A 2 | A2 |
| 2499 | Gemini | — | 1349 | .. | .. | 41.5 | +18 18 | 6.16 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 46b | .. | .. | .. | *46* | A | A0 |
| 2500 | C.Major | — | 3640 | .. | 8379 | 41.6 | −31 41 | 5.92 | .. | .. | .. | .. | .. | .. | 04 | *03* | .. | .. | .. | .. | .. | .. | .. | 10. | F 2 | F8 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



6h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2501 | C.Major | – | 3505 | *1614* | 8382 | 41.8 | −30 51 | 5.91 | .. | .. | .. | .. | 06 | .. | *22* | 16 | .. | *47* | .. | .. | .. | .. | 04 | 4. | B | $B_3$ |
| 2502 | *Monoc.* | – | *1644* | 1282 | 8380 | 41.9 | −10 1 | 5.54 | 00 | .. | *03* | .. | .. | 03 | .. | R | .. | .. | .. | .. | .. | .. | 01 | *06* | A | $A_0$ |
| 2503 | Monoc. | 17 | 1496 | 1280 | .. | 42.0 | + 8 9 | 5.00 | 02 | .. | .. | 05 | .. | *08* | .. | .. | 00 | .. | 03 | *22*d | .. | .. | *10* | 100 | K | $K_0$ |
| 2504 | C.Major | 11 | 1584 | 1283 | 8395 | 42.3 | −14 20 | 5.19 | *30* | .. | *02* | .. | .. | 06 | 10 | 15 | *29* | .. | .. | .. | .. | .. | *24* | *02* | B 8 | $B_8$ |
| 2505 | Volans | – | 476 | .. | 8448 | 42.4 | −71 41 | 6.43 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K | $K_0$ |
| 2506 | Monoc. | 18 | 1397 | 1284 | .. | 42.6 | + 2 31 | 4.70 | 05 | .. | .. | *14* | .. | 09 | .. | .. | *30* | .. | 26 | *06*d | .. | .. | 10 | 80 | K | $K_0$ |
| 2507 | Puppis | – | 2831 | .. | 8419 | 42.7 | −39 26 | 6.53 | .. | .. | .. | .. | .. | .. | *11* | 11 | .. | .. | .. | .. | .. | .. | .. | 1. | A | $B_8$ |
| 2508 | Monoc. | – | 1558 | 1286 | 8409 | 42.8 | − 8 54 | 5.26 | 06 | .. | .. | .. | .. | 12 | 15 | *32* | .. | .. | 29 | .. | .. | .. | *06* | R | Ma | $K_5$ |
| 2509 | C.Major | 12 | 1576 | .. | 8413 | 42.8 | −20 55 | 6.00 | .. | .. | 10 | 03 | .. | *06* | *07* | .. | *60* | .. | .. | .. | .. | .. | .. | *27* | A | $B_8$ |
| 2510 | Puppis | – | 3065 | .. | 8421 | 42.8 | −37 41 | 6.10 | .. | .. | .. | .. | .. | *02* | R | 02 | .. | .. | .. | .. | .. | .. | .. | 1. | A | $B_5$ |
| 2511 | Camel. | 43 | 394 | 1279 | .. | 42.9 | +69 0 | 5.13 | *07* | .. | .. | .. | .. | 07 | .. | .. | *18* | .. | *09* | 18b | .. | .. | *07* | *12* | B 5 | $B_5$ |
| 2512 | Gemini | – | 1414 | 1285 | .. | 43.1 | +32 43 | 5.76 | *06* | .. | .. | .. | .. | *06* | 12 | .. | .. | .. | 11 | 08d | .. | .. | *12* | 53 | K | $K_0$ |
| 2513 | Carina | – | 996 | .. | 8437 | 43.1 | −52 6 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | G 5 | $G_5$ |
| 2514 | Monoc. | – | 1386 | .. | 8422 | 43.3 | − 1 12 | 5.66 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | A | $A_5$ |
| 2515 | Carina | – | 998 | .. | 8451 | 43.6 | −52 19 | 5.68 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K | $K_0$ |
| 2516 | Auriga | $\psi^7$ 58 | 1536 | 1287 | .. | 43.7 | +41 54 | 5.04 | *04* | .. | .. | .. | .. | 03 | .. | .. | *09* | .. | 07 | 16d | .. | .. | *04* | 92 | K | $K_0$ |
| 2517 | Monoc. | – | 1531 | .. | .. | 43.9 | + 1 6 | 6.06 | .. | .. | *02* | .. | .. | 03 | .. | .. | .. | .. | .. | 43b | .. | .. | .. | *24* | A | $B_3$ |
| 2518 | Puppis | x | 3080 | *1626* | 8455 | 44.0 | −37 50 | 5.25 | .. | *11* | .. | .. | 05 | 07 | *05* | 03 | .. | .. | .. | .. | 00 | .. | 07 | 8. | A | $B_9$ |
| 2519 | Gemini | 33 | 1298 | 1290 | .. | 44.1 | +16 19 | 5.69 | *25* | .. | .. | .. | .. | 14 | 12 | .. | *09* | .. | 06 | 47a | .. | .. | *49* | *20* | B 8 | $B_8$ |
| 2520 | Lynx | 14 | 1028 | 1289 | .. | 44.2 | +59 34 | 5.44 | *05* | .. | .. | .. | .. | 06 | .. | .. | *02* | .. | 13 | 06c | .. | .. | 21 | 49 | F | $F_2$ Comp |
| 2521 | Monoc. | – | 1776 | .. | 8450 | 44.3 | − 2 10 | 5.65 | .. | .. | .. | .. | .. | 01 | *01* | .. | .. | .. | .. | .. | .. | .. | .. | *05* | A | $A_0$ |
| 2522 | C.Major | – | *1599* | 1291 | 8461 | 44.4 | −15 2 | 5.29 | 04 | .. | 05 | .. | .. | *10* | .. | .. | .. | .. | .. | .. | .. | .. | *09* | *13* | B 5 | $B_5$ |
| 2523 | Carina | – | 2078 | *1628* | 8473 | 44.5 | −51 10 | 5.28 | .. | .. | .. | .. | 00 | .. | .. | *01* | .. | .. | .. | .. | .. | .. | 27 | 15. | K | $K_2$ |
| 2524 | Carina | – | 1115 | .. | 8487 | 44.6 | −54 36 | 6.35 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | G 5 | $G_5$ |
| 2525 | Gemini | 35 | 1434 | .. | .. | 44.8 | +13 32 | 5.90 | .. | .. | .. | *04* | .. | 03 | .. | .. | *20* | .. | .. | *14*c | .. | .. | .. | .. | K | $K_0$ |
| 2526 | Carina | – | 1063 | *1637* | 8511 | 45.4 | −55 26 | 5.62 | .. | .. | .. | .. | 07 | .. | .. | *07* | .. | .. | .. | .. | .. | .. | 18 | 18. | K p | $K_2$ |
| 2527 | Camel. | – | 266 | 1288 | .. | 45.5 | +77 6 | 4.75 | *13* | .. | .. | .. | .. | 13 | .. | .. | .. | .. | *08* | *03*d | .. | .. | *15* | 108 | K 5 | $K_5$ |
| 2528 | C.Major | – | 4438 | 1294 | 8500 | 45.5 | −23 58 | 6.24 | *09* | .. | .. | 09 | .. | *09* | 07 | .. | .. | .. | .. | .. | .. | .. | *04* | *71* | A | $A_0$ |
| 2529 | Gemini | d 36 | 1405 | 1293 | .. | 45.6 | +21 53 | 5.22 | *04* | .. | .. | .. | .. | 05 | *02* | .. | 13 | .. | 08 | 33b | .. | .. | 13 | *15* | A | $A_0$ |
| 2530 | Monoc. | – | 1462 | .. | 8494 | 45.7 | − 0 25 | 5.83 | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21 | A | $A_2$ |
| 2531 | Volans | – | *522* | .. | 8543 | 45.7 | −73 1 | 6.33 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | G 5 | $K_0$ |
| 2532 | Auriga | – | *1359* | .. | .. | 45.8 | +44 58 | 6.10 | .. | .. | 07 | .. | .. | *07* | .. | .. | .. | .. | .. | 31a | .. | .. | .. | 39 | A 5 | $A_5$ |
| 2533 | Gemini | – | 1518 | .. | .. | 45.9 | +23 44 | 5.77 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05d | .. | .. | .. | 71 | K | $K_5$ |
| 2534 | Monoc. | – | 1592 | 1296 | 8502 | 45.9 | − 7 56 | 6.24 | *12* | .. | .. | 12 | .. | 01 | .. | .. | .. | .. | *11* | .. | .. | .. | *19* | *31* | A | $A_0$ |
| 2535 | C.Major | – | 1624 | .. | 8508 | 45.9 | −16 58 | 5.94 | .. | .. | .. | 00 | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | A 2 | $K_0$ |
| 2536 | Volans | – | 560 | *1642* | 8545 | 46.0 | −70 20 | 5.88 | .. | .. | .. | .. | *06* | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | 18. | K | $K_2$ |
| 2537 | C.Major | – | 3310 | 1297 | 8515 | 46.1 | −27 13 | 6.77 | *24* | .. | .. | 22 | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | *37* | *67* | A | $B_3$ |
| 2538 | C.Major | κ 13 | 3404 | *1643* | 8518 | 46.1 | −32 23 | 3.78 | 14 | *08* | .. | .. | 12 | 03 | 00 | *18* | 12 | *07* | .. | .. | 27 | .. | 04 | 1. | B 2 p | $B_2p$ |
| 2539 | Auriga | 59 | *1771* | .. | .. | 46.2 | +38 59 | 6.06 | .. | .. | 11 | 01 | .. | *13* | R | .. | 09 | .. | .. | 32b | .. | .. | .. | 08 | F | $F_2$ |
| 2540 | Gemini | θ 34 | 1481 | 1295 | .. | 46.2 | +34 5 | 3.64 | 10 | .. | .. | .. | .. | *11* | .. | .. | 16 | .. | *04* | 20c | .. | .. | 21 | 24 | A 2 | $A_2$ |
| 2541 | Auriga | 60 | 1636 | 1298 | .. | 46.3 | +38 34 | 6.32 | *02* | .. | .. | .. | .. | 01 | .. | .. | 08 | .. | *07* | 27b | .. | .. | R | *06* | A | $F_5$ |
| 2542 | Gemini | – | 1511 | .. | .. | 46.4 | +35 54 | 6.18 | .. | .. | 04 | .. | .. | *03* | .. | .. | .. | .. | .. | *03*d | .. | .. | .. | .. | K | $G_5$ |
| 2543 | Monoc. | – | 1437 | .. | .. | 46.4 | + 3 9 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 42b | .. | .. | .. | *19* | A | $A_0$ |
| 2544 | C.Major | – | 3691 | .. | 8522 | 46.5 | −25 40 | 6.24 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *85* | B 3 | $B_3$ |
| 2545 | C.Major | – | 3717 | *1644* | 8528 | 46.6 | −31 36 | 5.63 | .. | *09* | .. | .. | 07 | *02* | 06 | *01* | .. | *02* | .. | .. | *18* | .. | 09 | 7. | A | $B_8$ |
| 2546 | Puppis | – | 2773 | *1647* | 8550 | 47.0 | −45 20 | 6.37 | .. | .. | .. | .. | 07 | .. | .. | *07* | .. | .. | .. | .. | .. | .. | .. | 14. | K | $K_0$ |
| 2547 | Auriga | $\psi^8$ 61 | 1638 | 1299 | .. | 47.1 | +38 38 | 6.23 | *09* | .. | .. | .. | .. | 09 | .. | .. | *23* | .. | *18* | 61b | .. | .. | R | *43* | A | $A_0$ |
| 2548 | Puppis | – | 2703 | *1648* | 8554 | 47.1 | −46 31 | 5.05 | .. | .. | .. | .. | 07 | .. | .. | *07* | .. | .. | .. | .. | 35 | .. | 00 | 18. | F | $F_2$ |
| 2549 | Puppis | – | 3140 | *1649* | 8551 | 47.2 | −34 15 | 5.06 | .. | 18 | .. | .. | *13* | 10 | 15 | *29* | .. | 89 | .. | .. | *06* | .. | *16* | 20. | K | $K_0$ |
| 2550 | Pictor | α | 720 | *1650* | 8570 | 47.2 | −61 50 | 3.30 | .. | .. | .. | .. | *01* | .. | .. | 00 | .. | 06 | .. | .. | 10 | .. | *10* | 8. | A 5 | $A_5$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....



**6h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2551 | Monoc. | — | 1543 | 1301 | .. | 47.4 | + 8 30 | 5.76 | 04 | .. | .. | .. | .. | 01 | 03 | .. | .. | .. | 22 | 34b | .. | .. | 31 | 09 | A | $A_5$ |
| 2552 | Monoc. | — | 1845 | .. | 8548 | 47.4 | − 5 12 | 6.46 | .. | .. | 09 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | $K_0$ |
| 2553 | Puppis | τ | 2415 | 1653 | 8568 | 47.5 | −50 30 | 2.83 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | 31 | .. | .. | 12 | .. | 05 | 22. | K | $K_0$ |
| 2554 | Carina | A | 1168 | 1654 | 8573 | 47.6 | −53 31 | 4.38 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | 20 | .. | .. | 12 | .. | 20 | 19. | G 5 | $G_5$ |
| 2555 | Monoc. | — | 1344 | .. | .. | 47.8 | +11 7 | 6.30 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14c | .. | .. | .. | .. | K | $G_5$ |
| 2556 | Auriga | — | 1202 | .. | .. | 47.9 | +45 57 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16c | .. | .. | .. | 17 | K | $K_0$ |
| 2557 | Auriga | — | 1551 | .. | .. | 48.1 | +44 2 | 6.04 | .. | .. | 17 | .. | .. | 01 | 15 | .. | .. | .. | .. | 38b | .. | .. | .. | 24 | A | $F_0$ |
| 2558 | Puppis | — | 3189 | 1655 | 8577 | 48.2 | −36 7 | 6.00 | .. | 06 | .. | .. | 10 | 01 | 10 | 06 | .. | .. | .. | .. | 25 | .. | 08 | 9. | A 2 | $A_2$ |
| 2559 | Mensa | ζ | 196 | 1658 | 8667 | 48.4 | −80 42 | 5.64 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | 54 | .. | 04 | 4. | A 2 | $A_2$ |
| 2560 | Lynx | 15 | 982 | 1302 | .. | 48.6 | +58 33 | 4.54 | 02 | .. | .. | .. | .. | 01 | .. | .. | 06 | .. | 16 | 01c | .. | .. | 04 | 80 | K | $G_0$ |
| 2561 | Lynx | — | 1017 | .. | .. | 48.7 | +57 41 | 6.13 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03e | .. | .. | .. | .. | K | $K_2$ |
| 2562 | Pictor | — | 712 | 1659 | 8610 | 48.7 | −60 8 | 6.14 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | 6. | F 2 | $F_5$ |
| 2563 | Puppis | — | 2556 | .. | 8603 | 48.9 | −48 11 | 6.23 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K | $K_0$ |
| 2564 | Gemini | e 38 | 1462 | 1305 | .. | 49.0 | +13 18 | 4.70 | 08 | .. | .. | .. | .. | 09 | .. | .. | 00 | .. | 16 | 08b | .. | .. | 10 | 16 | F | $F_0$ |
| 2565 | C.Major | — | 1591 | 1306 | 8592 | 49.0 | −18 55 | 5.62 | 12 | .. | .. | .. | .. | 11 | 10 | 11 | .. | .. | .. | .. | .. | .. | 17 | 04 | F | $F_0$ |
| 2566 | C.Major | — | 1594 | .. | 8594 | 49.0 | −18 48 | 6.16 | .. | .. | .. | .. | .. | 06 | 05 | .. | .. | .. | .. | .. | .. | .. | .. | .. | A 2 | $A_2$ |
| 2567 | C.Major | — | 3529 | .. | 8597 | 49.0 | −26 50 | 6.52 | .. | .. | .. | .. | .. | 02 | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 15. | Ma | Mb |
| 2568 | Auriga | ψ⁹ | 1203 | 1304 | .. | 49.1 | +46 25 | 5.80 | 07 | .. | .. | .. | .. | 20 | 13 | .. | .. | .. | 16 | 34a | .. | .. | 25 | 00 | A | $B_8$ |
| 2569 | Gemini | 37 | 1496 | .. | .. | 49.2 | +25 30 | 5.77 | .. | .. | 06 | .. | .. | 03 | 10 | .. | 02 | .. | .. | 09c | .. | .. | .. | 03 | F 8 | $G_0$ |
| 2570 | Monoc. | — | 1863 | .. | 8599 | 49.2 | − 5 44 | 6.35 | .. | .. | 05 | .. | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | 03 | A | $A_3$ |
| 2571 | C.Major | 15 | 1616 | 1308 | 8602 | 49.2 | −20 6 | 4.66 | 23 | .. | 06 | .. | .. | 01 | .. | 16 | 01 | .. | .. | .. | .. | .. | 12 | 06 | B 1 | $B_1$ |
| 2572 | Monoc. | — | 1487 | 1307 | 8600 | 49.4 | − 1 0 | 5.33 | 12 | .. | 10 | .. | .. | 07 | 09 | R | .. | .. | .. | .. | .. | .. | .. | 23 | A | $A_2$ |
| 2573 | Auriga | — | 1205 | .. | .. | 49.5 | +46 49 | 6.03 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 11d | .. | .. | .. | 48 | K | $K_0$ |
| 2574 | C.Major | θ 14 | 1681 | 1309 | 8614 | 49.5 | −11 55 | 4.25 | 02 | .. | .. | .. | .. | 00 | 02 | R | 15 | 00 | .. | .. | .. | .. | 22 | 120 | K 5 | $K_2$ |
| 2575 | Puppis | — | 2793 | .. | 8621 | 49.5 | −42 23 | 6.48 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | F | $F_2$ |
| 2576 | C.Major | — | 3554 | .. | 8617 | 49.6 | −28 24 | 6.03 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 12. | F | $G_0$ |
| 2577 | Monoc. | — | 1446 | .. | 8613 | 49.7 | − 1 38 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 15 | A | $B_5$ |
| 2578 | C.Major | — | 4565 | .. | 8624 | 49.8 | −24 25 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 48 | A | $A_0$ |
| 2579 | Puppis | — | 2756 | .. | 8630 | 49.8 | −43 51 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | A | $B_9$ |
| 2580 | C.Major | o¹ 16 | 4567 | 1312 | 8629 | 49.9 | −24 4 | 4.12 | 08 | .. | .. | 05 | .. | 04 | 01 | R | 17 | 27 | .. | .. | .. | .. | 12 | 125 | K 2 | $K_2$ |
| 2581 | Camel. | — | 430 | 1303 | .. | 50.0 | +70 57 | 5.83 | 01 | .. | .. | .. | .. | 03 | 02 | .. | .. | .. | .. | 10c | .. | .. | 18 | 49 | K 2 p | $K_0$ |
| 2582 | Monoc. | — | 1827 | .. | 8620 | 50.0 | − 2 41 | 6.00 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | $K_0$ |
| 2583 | C.Major | — | 4553 | 1311 | 8631 | 50.0 | −23 48 | 6.55 | 18 | .. | .. | 15 | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 20 | 37 | Ob | Ob |
| 2584 | Monoc. | — | 1562 | .. | .. | 50.2 | + 8 27 | 6.14 | .. | .. | .. | 00 | .. | 01 | .. | .. | .. | .. | .. | 50b | .. | .. | .. | 09 | A | $A_0$ |
| 2585 | Auriga | ψ¹⁰ 16 | 1367 | 1310 | .. | 50.4 | +45 14 | 4.80 | 06 | .. | .. | .. | .. | 07 | 02 | .. | 00 | .. | 18 | 36b | .. | .. | 23 | 05 | A 2 | $A_2$ |
| 2586 | Gemini | — | 1433 | .. | .. | 50.5 | +33 50 | 6.01 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17c | .. | .. | .. | 19 | F 8 | $G_0$ |
| 2587 | Carina | — | 1177 | .. | 8657 | 50.6 | −53 58 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | G 5 | $K_0$ |
| 2588 | C.Major | 17 | 1624 | 1314 | 8646 | 50.7 | −20 17 | 5.75 | 13 | .. | 07 | .. | .. | 06 | .. | .. | 10 | .. | .. | .. | .. | .. | 15 | 03 | A 2 | $A_2$ |
| 2589 | Monoc. | — | 1335 | 1313 | .. | 50.9 | +10 5 | 5.88 | 16 | .. | 04 | .. | .. | 11 | .. | .. | .. | .. | 11 | 23b | .. | .. | 18 | 39 | B 8 | $B_8$ |
| 2590 | C.Major | π 19 | 1610 | 1315 | 8658 | 51.3 | −20 1 | 4.62 | 17 | .. | 06 | .. | .. | 10 | .. | 01 | 28 | .. | .. | .. | .. | .. | 17 | 44 | F 5 | $F_5$ |
| 2591 | Puppis | — | 2818 | .. | 8670 | 51.3 | −42 14 | 6.00 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 22. | N | N |
| 2592 | Carina | — | 716 | .. | 8683 | 51.3 | −59 13 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | A 2 | $A_2$ |
| 2593 | C.Major | μ 18 | 1741 | 1316 | 8664 | 51.5 | −13 55 | 5.19 | 02 | .. | .. | .. | .. | 02 | .. | R | 19 | .. | .. | .. | .. | .. | 31 | 53 | K | $G_5$ Comp |
| 2594 | Puppis | — | 2458 | .. | 8684 | 51.5 | −50 30 | 6.13 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | K | $K_0$ |
| 2595 | C.Major | — | 1602 | 1317 | 8671 | 51.6 | −22 49 | 5.26 | 07 | .. | .. | 03 | .. | 02 | 01 | R | .. | .. | .. | .. | .. | .. | 01 | 06 | B 3 | $B_3$ |
| 2596 | C.Major | ι 20 | 1661 | 1318 | 8673 | 51.7 | −16 55 | 4.39 | 07 | .. | .. | .. | .. | 07 | .. | .. | 14 | .. | .. | .. | .. | 17 | 04 | 07 | B 5 | $B_0$ |
| 2597 | Gemini | — | 1361 | .. | .. | 51.8 | +12 2 | 6.16 | .. | .. | .. | 04 | .. | 04 | .. | .. | .. | .. | .. | 35b | .. | .. | .. | 01 | A | $F_0$ |
| 2598 | C.Major | — | 3808 | .. | 8689 | 52.1 | −31 40 | 6.42 | .. | .. | .. | .. | .. | .. | 09 | 10 | .. | .. | .. | .. | .. | .. | .. | 0. | A | $B_8$ |
| 2599 | Monoc. | — | 1642 | .. | 8685 | 52.2 | − 8 3 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 02 | A 5 | $F_5$ Comp |
| 2600 | Auriga | 62 | 1656 | .. | .. | 52.3 | +38 12 | 6.15 | .. | .. | .. | 09 | .. | 02 | 11 | .. | 05 | .. | .. | 05c | .. | .. | .. | 18 | F 8 | $K_2$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



6h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 2601 | Gemini | 39 | 1405 | .. | .. | 52.6 | +26 13 | 6.10 | .. | .. | .. | 01 | .. | 10 | 12 | .. | 15 | .. | .. | 34b | .. | .. | .. | 30 | A |
| 2602 | Volans | ι | 572 | 1679 | 8738 | 52.6 | −70 50 | 5.52 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | .. | .. | .. | 12 | .. | 27 | 5. | B8 |
| 2603 | C.Major | — | 1616 | .. | 8707 | 53.0 | −22 4 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 46 | A |
| 2604 | Puppis | — | 3225 | 1684 | 8720 | 53.2 | −35 13 | 6.28 | .. | .. | .. | .. | 03 | 20 | 01 | 18 | .. | .. | .. | .. | .. | .. | .. | 13. | K |
| 2605 | Gemini | 40 | 1411 | .. | .. | 53.3 | +26 3 | 6.29 | .. | .. | .. | A | .. | .. | .. | .. | 09 | .. | .. | 35a | .. | .. | .. | 49 | A |
| 2606 | Monoc. | — | 1539 | .. | .. | 53.3 | + 7 45 | 6.10 | .. | .. | .. | 05 | .. | 05 | .. | .. | .. | .. | .. | 48b | .. | .. | 00 | 10 | A |
| 2607 | C.Major | — | 4648 | 1320 | 8724 | 53.4 | −24 30 | 5.43 | 24 | .. | .. | 14 | .. | 08 | 03 | 01 | .. | .. | .. | .. | .. | .. | 13 | 08 | F5 |
| 2608 | Puppis | — | 2601 | 1685 | 8739 | 53.6 | −48 35 | 4.88 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | 38 | .. | .. | 37 | .. | 00 | 17. | Ma |
| 2609 | Cepheus | — | 51 | 1292 | .. | 53.7 | +87 12 | 5.26 | 06 | .. | 01 | .. | .. | 07 | .. | .. | .. | .. | 18 | 08d | .. | .. | 00 | 154 | Ma |
| 2610 | Monoc. | — | 1488 | .. | .. | 53.7 | + 3 45 | 6.02 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 11c | .. | .. | .. | .. | G5 |
| 2611 | C.Major | — | 3460 | .. | 8732 | 53.7 | −27 24 | 6.09 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 45 | A |
| 2612 | Puppis | — | 3233 | 1686 | 8736 | 53.7 | −35 23 | 6.19 | .. | 15 | .. | .. | 13 | 05 | 00 | 03 | .. | .. | .. | .. | .. | .. | 06 | 6. | F2 |
| 2613 | Monoc. | — | 1544 | 1322 | .. | 54.0 | + 7 27 | 6.33 | 01 | .. | .. | 18 | .. | 19 | .. | .. | .. | .. | 04 | 37b | .. | .. | 13 | 30 | A |
| 2614 | C.Major | — | 3646 | .. | 8742 | 54.1 | −27 2 | 6.19 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 4. | B3 |
| 2615 | Gemini | 41 | 1354 | 1323 | .. | 54.5 | +16 13 | 5.86 | 03 | .. | .. | .. | .. | 02 | .. | .. | 04 | .. | 26 | 04e | .. | .. | 04 | .. | K5 |
| 2616 | C.Major | — | 3864 | 1324 | 8747 | 54.5 | −25 17 | 5.66 | 28 | .. | .. | 07 | 49 | 06 | 20 | 12 | .. | .. | .. | .. | .. | .. | 31 | 41 | B3 |
| 2617 | Camel. | — | 432 | 1319 | .. | 54.6 | +70 54 | 6.61 | 12 | .. | 03 | 03 | .. | 14 | 22 | .. | .. | .. | 34 | 03c | .. | .. | 11 | 31 | G5 |
| 2618 | C.Major | ε 21 | 3666 | 1325 | 8752 | 54.7 | −28 50 | 1.63 | 14 | .. | .. | 09 | .. | 02 | .. | 04 | 33 | 05 | .. | .. | .. | .. | 18 | R | B1 |
| 2619 | Puppis | t | 3389 | 1693 | 8757 | 54.7 | −33 59 | 5.07 | .. | 13 | .. | .. | 13 | 09 | 21 | 14 | .. | 88 | .. | .. | 02 | 06 | 15 | 5. | B5 |
| 2620 | Gemini | — | 1460 | .. | .. | 54.8 | +32 32 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34b | .. | .. | .. | 32 | F |
| 2621 | C.Major | — | 3757 | .. | 8759 | 54.9 | −30 52 | 6.38 | .. | .. | .. | .. | .. | .. | 03 | 03 | .. | .. | .. | .. | .. | .. | .. | 4. | B |
| 2622 | Monoc. | — | 1910 | .. | 8763 | 55.4 | − 5 14 | 6.37 | .. | .. | 03 | .. | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K |
| 2623 | C.Major | — | 1689 | .. | 8768 | 55.4 | −21 28 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 28 | A |
| 2624 | Monoc. | — | 1662 | .. | 8770 | 55.6 | − 8 16 | 5.84 | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 25 | A |
| 2625 | C.Major | — | 1644 | .. | 8780 | 55.8 | −20 1 | 6.10 | .. | .. | 02 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 04 | A |
| 2626 | Puppis | — | 2850 | .. | 8791 | 55.8 | −45 38 | 6.22 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | A |
| 2627 | Monoc. | — | 1667 | .. | 8779 | 55.9 | − 9 4 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 10 | Ap |
| 2628 | C.Major | — | 1695 | .. | 8787 | 56.1 | −21 59 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 6. | B8 |
| 2629 | Monoc. | — | 1513 | .. | .. | 56.3 | + 4 58 | 6.50 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | 38b | .. | .. | .. | 11 | A |
| 2630 | Gemini | ω 42 | 1502 | 1326 | .. | 56.4 | +24 21 | 5.21 | 05 | .. | .. | .. | .. | 06 | 01 | .. | 09 | .. | 09 | 21d | .. | .. | 09 | 38 | G |
| 2631 | Gemini | — | 1479 | 1327 | .. | 56.6 | +17 53 | 6.20 | 02 | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | .. | 08d | .. | .. | 25 | 25 | Ma |
| 2632 | Gemini | — | 1431 | 1328 | .. | 56.6 | +15 28 | 5.89 | 05 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | .. | 14b | .. | .. | 26 | 65 | G2 |
| 2633 | Monoc. | — | 1514 | .. | .. | 56.6 | + 5 42 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34b | .. | .. | .. | 07 | A |
| 2634 | Carina | — | 1116 | .. | 8826 | 56.7 | −55 35 | 6.11 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | Kp |
| 2635 | Gemini | — | 1363 | .. | .. | 56.8 | +16 49 | 6.01 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 05d | .. | .. | 01 | .. | K5 |
| 2636 | Monoc. | — | 1509 | .. | 8804 | 56.8 | − 1 12 | 6.18 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 03 | K |
| 2637 | C.Major | — | 3711 | .. | 8808 | 56.8 | −28 21 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14. | F8 |
| 2638 | Carina | — | 1211 | .. | 8827 | 56.8 | −56 15 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | F2 |
| 2639 | Monoc. | — | 1926 | 1330 | 8811 | 57.0 | − 5 35 | 5.38 | 00 | .. | 04 | .. | .. | 05 | 23 | 33 | .. | .. | 12 | .. | .. | .. | 14 | 115 | K5 |
| 2640 | C.Major | — | 3911 | 1331 | 8815 | 57.0 | −25 4 | 5.80 | 16 | .. | .. | 05 | 00 | 07 | .. | 05 | .. | .. | .. | .. | .. | .. | 25 | 45 | B3 |
| 2641 | Puppis | — | 3415 | .. | 8823 | 57.1 | −33 20 | 6.52 | .. | .. | .. | .. | .. | .. | 11 | 10 | .. | .. | .. | .. | .. | .. | .. | 9. | K |
| 2642 | Lynx | — | 1026 | .. | .. | 57.2 | +59 57 | 6.54 | .. | .. | 08 | .. | .. | .. | 09 | .. | .. | .. | .. | 08c | .. | .. | .. | .. | K5 |
| 2643 | Gemini | — | 1441 | 1329 | .. | 57.2 | +29 31 | 5.95 | 08 | .. | 04 | .. | .. | 05 | 09 | .. | .. | .. | .. | 21b | .. | .. | 05 | 07 | F2 |
| 2644 | Lynx | — | 1165 | .. | .. | 57.7 | +52 53 | 6.19 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23b | .. | 13 | .. | 19 | A |
| 2645 | Lynx | — | 1391 | .. | .. | 57.7 | +47 54 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 26a | .. | .. | .. | 22 | A |
| 2646 | C.Major | σ 22 | 3544 | 1333 | 8839 | 57.7 | −27 47 | 3.68 | 19 | .. | .. | 14 | .. | 24 | 22 | 42 | 28 | 08 | .. | .. | .. | .. | 08 | 170 | K5 |
| 2647 | Monoc. | — | 1496 | 1332 | .. | 57.9 | + 9 17 | 5.93 | 06 | .. | 09 | 02 | .. | 08 | 27 | .. | .. | .. | 19 | 33b | .. | .. | 10 | 27 | A |
| 2648 | Monoc. | 19 | 1788 | 1336 | 8838 | 57.9 | − 4 6 | 4.89 | 07 | .. | 07 | .. | .. | 02 | .. | 01 | 04 | .. | 04 | .. | .. | 28 | 07 | 05 | B3 |
| 2649 | Gemini | — | 1428 | 1335 | .. | 58.1 | +11 6 | 5.25 | 05 | .. | .. | .. | .. | 10 | 05 | .. | .. | .. | 03 | 05d | .. | .. | 45 | 82 | K |
| 2650 | Gemini | ζ 43 | 1687 | 1334 | .. | 58.2 | +20 43 | var. | v | .. | .. | .. | .. | .. | .. | .. | v | .. | v | .. | .. | .. | v | v | G |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**6h — 7h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2651 | Gemini | – | 1406 | .. | .. | 58.2 | +12 44 | 6.17 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03d | .. | .. | .. | .. | K | $K_5$ |
| 2652 | Carina | – | 2224 | 1720 | 8874 | 58.4 | −51 16 | 5.02 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | 08 | .. | .. | .. | .. | 00 | 20. | Mb | Ma |
| 2653 | C.Major | $o^2$24 | 4797 | 1337 | 8873 | 58.8 | −23 41 | 3.12 | 07 | .. | .. | 05 | .. | 10 | .. | 00 | 12 | 22 | .. | .. | .. | .. | 02 | 38 | B5p | B5p |
| 2654 | Monoc. | – | 1665 | .. | .. | 59.1 | + 1 38 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 38b | .. | .. | .. | 49 | A | B9 |
| 2655 | Monoc. | – | 1943 | .. | 8877 | 59.1 | −5 10 | 5.88 | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 55 | K | K0 |
| 2656 | Monoc. | – | 1818 | .. | 8878 | 59.2 | − 9 58 | 6.42 | .. | .. | 01 | .. | .. | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | 42 | A | B8 |
| 2657 | C.Major | $\gamma$ 23 | 1625 | 1340 | 8880 | 59.2 | −15 29 | 4.07 | 03 | .. | 09 | .. | .. | 08 | .. | 01 | 33 | 10 | .. | .. | .. | .. | 08 | 09 | B 5 | B5 |
| 2658 | Puppis | – | 2882 | .. | 8889 | 59.2 | −43 15 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13 | .. | .. | 4. | A | A0 |
| 2659 | Gemini | 44 | 1566 | 1338 | .. | 59.3 | +22 47 | 5.91 | 06 | .. | .. | 07 | .. | 00 | .. | .. | 11 | .. | .. | 42a | .. | .. | 26 | 35 | A | A0 |
| 2660 | Auriga | – | 1524 | 1339 | .. | 59.6 | +34 38 | 5.60 | 07 | .. | .. | .. | .. | 07 | .. | .. | .. | .. | 13 | 26c | .. | .. | 03 | 30 | G | G5 |
| 2661 | Carina | – | 820 | .. | 8907 | 59.6 | −58 48 | 6.00 | .. | .. | .. | .. | .. | .. | .. | A | .. | 39 | .. | .. | .. | .. | .. | 9. | F | A5 |
| 2662 | Volans | – | 686 | 1731 | 8934 | 0.1 | −67 47 | 5.08 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | 19 | .. | .. | 27 | .. | 03 | 17. | K 5 | K2 |
| 2663 | C.Minor | – | 1510 | .. | .. | 0.2 | + 9 18 | 6.02 | .. | .. | 10 | .. | .. | 07 | 04 | .. | .. | .. | .. | 13d | .. | .. | 22 | .. | K | K0 |
| 2664 | C.Major | – | 1732 | 1342 | 8918 | 0.6 | −21 53 | 6.19 | 08 | .. | .. | 12 | .. | 03 | 22 | .. | .. | .. | .. | .. | .. | .. | 04 | 18. | K | K0 |
| 2665 | Auriga | – | 1530 | 1341 | .. | 0.9 | +34 9 | 6.13 | 02 | .. | .. | 12 | .. | 10 | .. | .. | .. | .. | 13 | 00d | .. | .. | 10 | 32 | G | K0 |
| 2666 | Puppis | C | 2929 | 1738 | 8935 | 0.9 | −42 11 | 5.26 | .. | .. | .. | .. | 01 | 06 | 02 | 05 | .. | .. | .. | .. | 09 | .. | 04 | 10. | A 5 | A2 |
| 2667 | Puppis | – | 2906 | 1739 | 8936 | 0.9 | −43 28 | 5.80 | .. | .. | .. | .. | 01 | 05 | 09 | 04 | .. | 21 | .. | .. | 08 | .. | 05 | 17. | G | G0 |
| 2668 | Puppis | – | | | | 0.9 | −43 28 | 6.92 | | | | | | | | | | | | | | | | | | G0 |
| 2669 | Gemini | – | 1314 | .. | .. | 1.1 | +28 21 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 60a | .. | .. | .. | 37 | A | B9 |
| 2670 | Monoc. | – | 1862 | .. | 8931 | 1.1 | −10 30 | 6.38 | .. | .. | 02 | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 24 | A | B3 |
| 2671 | Gemini | R | 1577 | .. | .. | 1.3 | +22 52 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | Md |
| 2672 | Puppis | H | 2587 | 1742 | 8948 | 1.3 | −49 26 | 5.12 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | 25 | .. | .. | 02 | .. | 14 | 1. | A 2 | A2 |
| 2673 | Auriga | – | 1533 | .. | .. | 1.7 | +33 58 | 6.47 | .. | .. | 00 | .. | .. | 03 | 03 | .. | .. | .. | .. | 03d | .. | .. | .. | 13 | G | K0 |
| 2674 | Carina | – | 826 | 1745 | 8973 | 1.7 | −59 2 | 5.69 | .. | .. | .. | .. | 16 | .. | .. | 16 | .. | 43 | .. | .. | .. | .. | 01 | 3. | A | B9 |
| 2675 | Auriga | – | 1660 | .. | .. | 1.8 | +37 36 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 14c | .. | .. | .. | 31 | A | K0 |
| 2676 | Monoc. | – | 1543 | 1344 | .. | 1.8 | + 5 4 | 5.95 | 24 | .. | 16 | 03 | .. | 03 | 03 | .. | .. | .. | 15 | 47b | .. | .. | 02 | 31 | A | B8 |
| 2677 | Puppis | – | 3327 | .. | 8961 | 1.9 | −34 37 | 6.32 | .. | .. | .. | .. | .. | .. | 11 | 10 | .. | .. | .. | .. | .. | .. | .. | 10. | A 8 | G0 |
| 2678 | C.Major | – | 1790 | 1345 | 8957 | 2.0 | −11 8 | 5.28 | 15 | .. | .. | .. | .. | 05 | 10 | 02 | .. | .. | .. | .. | .. | .. | 02 | 09 | A | B3 |
| 2679 | C.Major | – | 1788 | .. | 8956 | 2.0 | −12 14 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 42 | F | B5 |
| 2680 | C.Major | – | 3907 | .. | 8968 | 2.2 | −30 30 | 6.38 | .. | .. | .. | .. | .. | .. | 07 | 08 | .. | .. | .. | .. | .. | .. | .. | 8. | B 8 | B8 |
| 2681 | Camel. | – | 352 | 1343 | .. | 2.4 | +71 59 | 6.45 | 05 | .. | .. | .. | .. | 03 | 01 | .. | .. | .. | 16 | 07d | .. | .. | 10 | 27 | K | K0 |
| 2682 | Monoc. | – | 1607 | 1346 | .. | 2.4 | + 7 38 | 5.92 | 03 | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | 14 | 10d | .. | .. | 15 | 08 | G | K0 |
| 2683 | Carina | – | 1232 | 1750 | 8984 | 2.5 | −56 36 | 5.30 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | 36 | .. | .. | 10 | .. | 02 | 4. | A | A0 |
| 2684 | Gemini | 45 | 1397 | 1347 | .. | 2.6 | +16 5 | 5.58 | 01 | .. | .. | .. | .. | 14 | 15 | .. | 00 | .. | 09 | 06c | .. | 08 | 02 | 61 | K | K0 |
| 2685 | Puppis | – | 3163 | .. | 8980 | 2.6 | −38 14 | 6.06 | .. | .. | .. | .. | .. | .. | 06 | 07 | .. | .. | .. | .. | .. | .. | .. | 11. | G 2 | G0 |
| 2686 | C.Major | – | 4868 | 1753 | 8979 | 2.7 | −24 48 | 6.20 | .. | .. | .. | .. | 00 | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | 19. | K | K2 |
| 2687 | Puppis | – | 2561 | 1754 | 8990 | 2.7 | −50 12 | 6.49 | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15. | K | K0 |
| 2688 | C.Major | – | 3880 | .. | 8983 | 2.9 | −26 30 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 9. | B 5 | B3 |
| 2689 | Mensa | $\theta$ | 238 | 1758 | 9054 | 2.9 | −79 16 | 5.51 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | 41 | .. | 31 | 3. | A | A0 |
| 2690 | C.Major | – | 4908 | .. | 8991 | 3.2 | −23 41 | 5.75 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 17 | B3p | B3 |
| 2691 | Puppis | – | 2930 | 1765 | 9013 | 3.8 | −40 44 | 5.91 | .. | .. | .. | .. | 06 | .. | 14 | 07 | .. | .. | .. | .. | 16 | .. | 01 | 2. | A | B9 |
| 2692 | Gemini | – | 1528 | .. | .. | 4.2 | +21 25 | 6.46 | .. | .. | .. | 12 | .. | 12 | .. | .. | .. | .. | .. | 16c | .. | .. | .. | 24 | F 8 | G5 |
| 2693 | C.Major | $\delta$ 25 | 3916 | 1350 | 9021 | 4.3 | −26 14 | 1.98 | 13 | .. | .. | 16 | .. | 18 | .. | 22 | 12 | 09 | .. | .. | .. | .. | 20 | 94 | F8p | F8p |
| 2694 | Monoc. | – | 1892 | .. | 9026 | 4.6 | −10 11 | 6.20 | .. | .. | 06 | .. | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | 50 | A | Oe5 |
| 2695 | C.Major | – | 4949 | .. | 9031 | 4.6 | −23 53 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 119 | B 3 | B3 |
| 2696 | Auriga | 63 | 1882 | 1348 | .. | 4.8 | +39 29 | 5.07 | 10 | .. | .. | .. | .. | 10 | .. | .. | 03 | .. | 02 | 16e | .. | .. | 03 | 112 | K | K2 |
| 2697 | Gemini | $\tau$46 | 1439 | 1349 | .. | 4.8 | +30 25 | 4.48 | 15 | .. | .. | .. | .. | 01 | 13 | .. | 15 | .. | 23 | 11d | .. | .. | 03 | 116 | K | K0 |
| 2698 | Carina | – | 2306 | 1771 | 9046 | 4.8 | −51 48 | 5.98 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | 64 | .. | .. | .. | .. | 22 | 9. | G 5 | G5 |
| 2699 | C.Major | – | 1802 | 1353 | 9042 | 5.0 | −16 4 | 6.03 | 06 | .. | .. | .. | .. | 04 | 09 | .. | .. | .. | .. | .. | .. | .. | 35 | 24 | B 3 | B3 |
| 2700 | Gemini | 47 | 1327 | 1351 | .. | 5.2 | +27 2 | 5.60 | 11 | .. | .. | .. | .. | 07 | 03 | .. | 10 | .. | 03 | 34b | .. | .. | 10 | 05 | A | A2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



7h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2701 | Monoc. | 20 | 1840 | 1354 | 9044 | 5.2 | − 4 5 | 5.02 | 07 | .. | 01 | .. | .. | 06 | 05 | 18 | 07 | .. | 08 | .. | .. | .. | 17 | 57 | G 5 | K0 |
| 2702 | Puppis | A | 3105 | 1775 | 9060 | 5.5 | −39 29 | 4.85 | .. | 15 | .. | .. | 02 | 09 | 05 | 10 | .. | .. | .. | .. | 15 | .. | 05 | 1. | B 3 | B3 |
| 2703 | Lynx | — | 1295 | 1352 | .. | 5.6 | +51 36 | 5.69 | 05 | .. | .. | .. | .. | 02 | 06 | .. | .. | .. | .. | 07d | .. | .. | 29 | 72 | Ma | Ma |
| 2704 | C.Major | — | 4120 | 1778 | 9057 | 5.6 | −25 4 | 5.76 | .. | .. | .. | .. | 17 | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | 56 | B 8 | B3 |
| 2705 | C.Major | — | 1711 | .. | 9059 | 5.8 | −18 31 | 6.18 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | F0 |
| 2706 | Gemini | 48 | 1558 | 1355 | .. | 6.3 | +24 17 | 5.76 | 03 | .. | 00 | .. | .. | 05 | 03 | .. | 01 | .. | .. | 40c | .. | .. | 04 | 03 | F 2 | F5 |
| 2707 | Monoc. | 21 | 1634 | .. | 9070 | 6.3 | − 0 8 | 5.40 | .. | .. | 02 | 11 | .. | 17 | .. | 08 | 15 | .. | .. | .. | .. | .. | .. | 06 | F | F0 |
| 2708 | C.Major | — | 3710 | 1358 | 9080 | 6.3 | −27 19 | 5.55 | 15 | .. | .. | 05 | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | 40 | 18. | G 5 | G5 |
| 2709 | Camel. | — | 242 | .. | .. | 6.4 | +81 26 | 6.20 | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | 44b | .. | .. | 06 | 58 | A | B9 |
| 2710 | C.Minor | — | 1577 | 1357 | .. | 6.5 | + 5 50 | 6.04 | 00 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 11 | 42b | .. | 08 | 04 | 40 | A | A0 |
| 2711 | Gemini | — | 1337 | .. | .. | 6.6 | +27 26 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 27b | .. | .. | .. | 08 | F | F5 |
| 2712 | Volans | — | 591 | .. | 9110 | 6.6 | −68 40 | 6.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | G | G5 |
| 2713 | Monoc. | — | 1580 | .. | .. | 6.8 | + 5 39 | 6.22 | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | 18c | .. | .. | 05 | 02 | G 5 | G5 |
| 2714 | Monoc. | δ 22 | 1636 | 1359 | 9083 | 6.8 | − 0 20 | 4.09 | 08 | .. | .. | .. | .. | 08 | .. | 01 | 46 | .. | 37 | .. | .. | .. | 11 | 02 | A | A0 |
| 2715 | Lynx | 18 | 1065 | 1356 | .. | 7.2 | +59 49 | 5.33 | 03 | 01 | R | 01 | .. | 00 | 03 | .. | 22 | .. | 08 | 00c | .. | 04 | 28 | 81 | G 5 | K0 |
| 2716 | C.Major | — | 1767 | 1362 | 9101 | 7.4 | −20 43 | 5.71 | 14 | .. | 13 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | 01 | 18 | A | A0 |
| 2717 | Gemini | 51 | 1417 | 1361 | .. | 7.6 | +16 20 | 5.31 | 06 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | 31 | 19d | .. | .. | 09 | 103 | Mb | Mb |
| 2718 | C.Major | 26 | 4191 | .. | 9123 | 8.1 | −25 46 | 5.86 | .. | .. | .. | 15 | .. | 10 | 06 | .. | R | .. | .. | .. | .. | .. | .. | 47 | B 3 | B3 |
| 2719 | Puppis | — | 2765 | 1793 | 9135 | 8.1 | −48 46 | 5.11 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | 22 | .. | .. | 14 | .. | 07 | 19. | K 2 | K2 |
| 2720 | C.Major | — | 4081 | .. | 9128 | 8.3 | −30 39 | 6.16 | .. | .. | .. | .. | .. | .. | 03 | 03 | .. | .. | .. | .. | .. | .. | .. | 8. | A 8 | F2 |
| 2721 | Lynx | — | 1419 | 1363 | .. | 8.4 | +47 25 | 5.55 | 05 | .. | .. | .. | .. | 05 | 01 | .. | .. | .. | 21 | 20c | .. | .. | 05 | 38 | F | B0 |
| 2722 | Gemini | — | 1576 | .. | .. | 8.4 | +24 53 | 6.66 | .. | .. | 20 | .. | .. | .. | 20 | .. | .. | .. | .. | 50a | .. | .. | .. | 62 | A | B9 |
| 2723 | C.Major | — | 1849 | .. | 9127 | 8.4 | −11 4 | 6.01 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K 5 | K0 |
| 2724 | C.Major | — | 3761 | .. | 9131 | 8.4 | −27 18 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11. | A 2 | A2 |
| 2725 | Gemini | 52 | 1618 | .. | .. | 8.6 | +25 5 | 6.02 | .. | .. | 01 | 04 | .. | 10 | 05 | .. | 11 | .. | .. | 17d | .. | .. | .. | .. | K | K0 |
| 2726 | Puppis | — | 3421 | .. | 9148 | 8.9 | −36 22 | 5.94 | .. | .. | .. | .. | .. | .. | 15 | 14 | .. | .. | .. | .. | .. | .. | .. | 2. | A | B5 |
| 2727 | Puppis | E | 2987 | 1799 | 9152 | 8.9 | −40 19 | 5.40 | .. | .. | .. | .. | 10 | .. | 11 | 01 | .. | .. | .. | .. | 00 | .. | 08 | 9. | A 5 | A2 |
| 2728 | C.Minor | — | 1469 | .. | .. | 9.0 | +12 18 | 5.84 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04d | .. | .. | .. | 33 | G 5 | K0 |
| 2729 | Monoc. | — | 1609 | 1364 | .. | 9.1 | + 3 18 | 5.56 | 09 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 02 | 02c | .. | .. | 08 | 57 | A | B5 |
| 2730 | C.Major | — | 1756 | .. | 9149 | 9.1 | −22 29 | 6.19 | .. | .. | .. | 03 | .. | 10 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | 19. | K | K2 |
| 2731 | Monoc. | — | 1804 | .. | 9147 | 9.2 | − 3 43 | 6.12 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | Ma | K5 |
| 2732 | Monoc. | — | 1921 | .. | 9156 | 9.5 | − 9 46 | 6.06 | .. | .. | 07 | .. | .. | 16 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K2 |
| 2733 | C.Major | — | 1761 | .. | 9165 | 9.6 | −22 44 | 6.24 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 7. | B 3 | B3 |
| 2734 | C.Major | — | 3789 | .. | 9168 | 9.6 | −27 11 | 5.86 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 36 | B 3 | B3 |
| 2735 | Volans | γ¹ | 600 | 1803 | 9199 | 9.6 | −70 20 | 5.81 | .. | .. | .. | .. | 08 | .. | .. | 09 | .. | 13 | .. | .. | 05 | 15 | .. | 15. | G | B0 |
| 2736 | Volans | γ² | | 1804 | 9206 | 9.6 | −70 20 | 3.87 | | | | | | | | | | | | | | | | | K | K0 |
| 2737 | Lynx | — | 1188 | 1365 | .. | 9.7 | +52 18 | 6.04 | 00 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 02 | 00d | .. | .. | 04 | 37 | K | K0 |
| 2738 | Gemini | 53 | 1350 | .. | .. | 9.7 | +28 5 | 5.87 | .. | .. | .. | .. | .. | .. | A | .. | 27 | .. | .. | 03e | .. | .. | .. | 64 | K | Ma |
| 2739 | Monoc. | — | 1933 | 1366 | 9167 | 9.7 | −10 8 | 5.99 | 11 | .. | 17 | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | 09 | 54 | B 1 | B1 |
| 2740 | Puppis | I | 2977 | 1805 | 9176 | 9.7 | −46 35 | 4.47 | .. | .. | .. | .. | 07 | 14 | R | 07 | .. | 03 | .. | .. | 23 | .. | 18 | 11. | F | F0 |
| 2741 | C.Major | — | 4143 | 1809 | 9175 | 10.0 | −30 54 | 6.53 | .. | 16 | .. | .. | 07 | 04 | 11 | 15 | .. | .. | .. | .. | .. | .. | 07 | 7. | B | B3 |
| 2742 | Camel. | — | 201 | 1360 | .. | 10.1 | +82 36 | 5.11 | 18 | .. | 19 | .. | .. | 01 | .. | .. | .. | .. | 09 | 05d | .. | .. | 11 | 92 | Mb | Mb |
| 2743 | C.Major | — | 4146 | 1811 | 9180 | 10.1 | −30 10 | 6.31 | .. | .. | .. | .. | 16 | .. | 16 | 00 | .. | .. | .. | .. | .. | .. | .. | 7. | B 5 | B3 |
| 2744 | Monoc. | 24 | 1871 | .. | .. | 10.2 | + 0 2 | 6.52 | .. | .. | 04 | 01 | .. | .. | 06 | .. | 42 | .. | .. | 06b | .. | .. | .. | .. | G 5 | G5 |
| 2745 | C.Major | 27 | 4057 | 1368 | 9181 | 10.2 | −26 10 | 4.66 | 12 | .. | .. | 24 | .. | 17 | 05 | 08 | 16 | .. | .. | .. | .. | .. | 04 | 04 | B 5 | B5p |
| 2746 | Puppis | L¹ | 3223 | 1813 | 9194 | 10.2 | −45 0 | 5.04 | .. | .. | .. | .. | 04 | 19 | 18 | 04 | .. | 20 | .. | .. | 04 | .. | 02 | 8. | A p | A0p |
| 2747 | C.Minor | — | 1712 | .. | .. | 10.3 | + 8 10 | 5.97 | .. | .. | .. | 02 | .. | 02 | .. | .. | .. | .. | .. | 05d | .. | .. | .. | .. | Ma | Mb |
| 2748 | Puppis | L² | 3227 | 1815 | 9197 | 10.5 | −44 29 | var. | .. | .. | .. | .. | V | .. | .. | V | .. | V | .. | .. | V | .. | V | V | Md | Md |
| 2749 | C.Major | ω 28 | 4073 | 1370 | 9198 | 10.7 | −26 35 | 3.83 | 14 | .. | .. | 16 | .. | 01 | .. | 01 | 04 | 50 | .. | .. | .. | .. | 13 | 21 | B3p | B3p |
| 2750 | C.Major | — | 4074 | .. | 9205 | 10.8 | −26 51 | 5.80 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 19. | K 5 | K5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50.



7h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2751 | Lynx | — | 1612 | 1367 | .. | 10.9 | +49 38 | 4.80 | 03 | .. | .. | .. | .. | 04 | .. | .. | .. | .. | 11 | 36a | .. | .. | 00 | 20 | A 2 | A2 |
| 2752 | Monoc. | — | 1945 | .. | 9207 | 11.0 | −10 24 | 6.09 | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 2753 | Auriga | 64 | 1630 | 1369 | .. | 11.1 | +41 4 | 5.75 | 05 | .. | .. | 05 | .. | 13 | 04 | .. | 05 | .. | 07 | 37b | .. | .. | 15 | 17 | A | A3 |
| 2754 | Carina | — | 789 | 1818 | 9234 | 11.1 | −63 1 | 6.10 | .. | .. | .. | .. | 05 | .. | .. | 04 | .. | 03 | .. | .. | .. | .. | 15 | 6. | A | A0 |
| 2755 | C.Major | — | 5173 | .. | 9226 | 11.5 | −23 33 | 6.26 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 78 | A | A0 |
| 2756 | C.Major | — | 4184 | 1823 | 9221 | 11.5 | −30 30 | 5.31 | .. | 14 | .. | .. | 16 | 05 | 01 | 03 | .. | .. | .. | .. | .. | .. | 29 | 8. | B 5 | B5 |
| 2757 | Gemini | — | 1529 | 1371 | .. | 11.7 | +31 9 | 5.98 | 11 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 08 | 48a | .. | .. | 08 | 08 | A | B9 |
| 2758 | C.Major | — | 1734 | 1372 | 9227 | 11.7 | −15 24 | 5.39 | 14 | .. | 06 | .. | .. | 01 | .. | 08 | .. | .. | .. | .. | .. | .. | 07 | 14 | A 2 | A2 |
| 2759 | Puppis | — | 2906 | .. | 9236 | 11.7 | −41 15 | 6.10 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | A | B8 |
| 2760 | C.Minor | — | 1594 | .. | .. | 11.9 | + 6 51 | 6.44 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 43b | .. | .. | .. | 79 | A | B9 |
| 2761 | Puppis | — | 3000 | 1825 | 9243 | 11.9 | −46 41 | 5.82 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | 17 | 5. | A | A0 |
| 2762 | Puppis | — | 2807 | 1826 | 9244 | 11.9 | −48 6 | 4.88 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | 20 | .. | .. | 07 | .. | 07 | 2. | B 8 | B8 |
| 2763 | Gemini | λ54 | 1443 | 1373 | .. | 12.3 | +16 43 | 3.65 | 07 | .. | .. | .. | .. | 05 | 01 | .. | 15 | .. | 07 | 10b | .. | .. | 05 | 37 | A 2 | A2 |
| 2764 | C.Major | — | 5189 | 1374 | 9247 | 12.4 | −23 8 | 4.82 | 15 | .. | .. | 03 | .. | 01 | 16 | .. | .. | .. | .. | .. | .. | .. | 24 | 40 | K 5 | K5 |
| 2765 | Monoc. | — | 2032 | .. | 9252 | 12.6 | − 6 30 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K p | K2 |
| 2766 | C.Major | — | 3852 | 1375 | 9255 | 12.6 | −27 42 | 4.77 | 15 | .. | .. | 09 | .. | 09 | .. | 14 | .. | .. | .. | .. | .. | .. | 07 | 25. | Mb | Mb |
| 2767 | Carina | — | 1123 | .. | 9277 | 13.0 | −52 20 | 5.99 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K p | G5 |
| 2768 | C.Major | — | 4234 | 1839 | 9266 | 13.1 | −30 43 | 6.23 | .. | 16 | .. | .. | 30 | 06 | 14 | 05 | .. | .. | .. | .. | .. | .. | 17 | 14. | A 8 | A5 |
| 2769 | Puppis | — | 3288 | .. | 9270 | 13.1 | −38 9 | 5.76 | .. | .. | .. | .. | .. | .. | 05 | 04 | .. | .. | .. | .. | .. | .. | .. | 8. | A | B3 |
| 2770 | Puppis | — | 3485 | 1840 | 9276 | 13.3 | −36 25 | 5.01 | .. | 27 | .. | .. | 19 | 04 | 06 | 01 | .. | .. | .. | .. | 19 | .. | 19 | 5. | B 3 | B3 |
| 2771 | Puppis | — | 3023 | 1842 | 9283 | 13.4 | −46 36 | 5.54 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | 60 | .. | .. | .. | .. | 04 | 21. | K 5 | K5 |
| 2772 | Lynx | 47 | 1048 | .. | .. | 13.5 | +60 5 | 6.28 | .. | .. | 03 | 01 | .. | 07 | 04 | .. | 32 | .. | .. | 36b | .. | .. | .. | 05 | A | A5 |
| 2773 | Puppis | π | 3489 | 1845 | 9288 | 13.6 | −36 55 | 2.74 | .. | 06 | .. | .. | 25 | 18 | 22 | 21 | .. | 04 | .. | .. | 29 | .. | 17 | R | K 5 | K5 |
| 2774 | C.Major | — | 4140 | .. | 9287 | 13.7 | −26 37 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 6. | B 5 | B5 |
| 2775 | Auriga | — | 1699 | .. | .. | 14.0 | +42 50 | 6.57 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17d | .. | .. | .. | 05 | K | K0 |
| 2776 | Lynx | — | 1422 | 1376 | .. | 14.1 | +45 24 | 5.64 | 04 | .. | .. | .. | .. | 04 | .. | .. | .. | .. | .. | 24b | .. | .. | 31 | 22 | A | F0 |
| 2777 | Gemini | δ 55 | 1645 | 1377 | .. | 14.2 | +22 10 | 3.51 | 14 | .. | .. | .. | .. | 03 | 17 | .. | 04 | .. | 03 | 18c | .. | .. | 01 | 62 | F | F0 |
| 2778 | C.Minor | — | 1640 | .. | .. | 14.2 | + 2 54 | 6.06 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 02b | .. | .. | .. | .. | G 5 | G5 |
| 2779 | C.Minor | — | 1684 | .. | .. | 14.3 | + 7 19 | 5.95 | .. | .. | .. | 02 | .. | 13 | 10 | .. | .. | .. | .. | 15b | .. | .. | .. | 00 | F 5 | F8 |
| 2780 | Gemini | — | 1541 | .. | .. | 14.5 | +15 21 | 6.47 | .. | .. | 03 | .. | .. | .. | 03 | .. | .. | .. | .. | 15a | .. | .. | .. | 38 | A | A0 |
| 2781 | C.Major | 29 | 5173 | 1380 | 9311 | 14.5 | −24 23 | 4.90 | 13 | .. | .. | 02 | .. | 11 | 04 | 19 | 40 | .. | .. | .. | .. | .. | 08 | 13 | Oe | Oe |
| 2782 | C.Major | τ30 | 5176 | 1381 | 9313 | 14.5 | −24 47 | 4.40 | 09 | .. | .. | 05 | 12 | 14 | 07 | R | 00 | .. | .. | .. | .. | .. | 15 | 24 | Oe 5 | Oe5 |
| 2783 | Lynx | 19 | 1192 | 1378 | .. | 14.7 | +55 28 | 6.53 | 01 | .. | .. | .. | .. | 01 | .. | .. | 03 | .. | 04 | 89b | .. | .. | 02 | 07 | B 8 | B8 |
| 2784 | Lynx | | | | | 14.7 | +55 28 | 5.61 | | | | | | | | | | | | 57b | | | | | | |
| 2785 | C.Major | — | 1813 | .. | 9315 | 14.7 | −19 6 | 6.18 | .. | .. | 07 | R | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14. | F | F0 |
| 2786 | C.Major | — | 4164 | 1383 | 9323 | 14.8 | −26 25 | 5.40 | 04 | .. | .. | 00 | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 00 | 32 | G | G0 |
| 2787 | Puppis | ν¹ | 3512 | 1856 | 9326 | 14.8 | −36 33 | 4.68 | .. | 18 | .. | .. | 12 | 08 | 05 | 20 | .. | .. | .. | .. | 17 | .. | 17 | 3. | B3p | B3 |
| 2788 | C.Major | R | 1898 | .. | 9325 | 14.9 | −16 12 | 5.79 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 | F | F0 |
| 2789 | Puppis | — | 3093 | 1859 | 9339 | 15.0 | −43 49 | 5.96 | .. | .. | .. | .. | 02 | 03 | .. | 01 | .. | .. | .. | .. | 36 | .. | 04 | 3. | A | B9 |
| 2790 | Puppis | ν² | 3519 | 1860 | 9338 | 15.1 | −36 34 | 5.11 | .. | 34 | .. | .. | 22 | 06 | 05 | 12 | .. | .. | .. | .. | 11 | .. | 14 | 5. | B 3 | B3 |
| 2791 | Puppis | F | 3309 | 1861 | 9341 | 15.2 | −39 2 | 5.24 | .. | 14 | .. | .. | 09 | 00 | 01 | 04 | .. | .. | .. | .. | 11 | .. | 08 | 5. | A 5 | A2 |
| 2792 | Auriga | — | 1927 | .. | .. | 15.4 | +39 11 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10c | .. | .. | .. | 36 | K | K0 |
| 2793 | Auriga | 65 | 1707 | 1382 | .. | 15.4 | +36 57 | 5.21 | 13 | .. | .. | .. | .. | 09 | 05 | .. | 14 | .. | 34 | 00d | .. | .. | 09 | 86 | F 8 | K0 |
| 2794 | Puppis | — | 3696 | .. | 9346 | 15.5 | −33 33 | 6.43 | .. | .. | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | .. | .. | .. | .. | 16. | K p | K0 |
| 2795 | Gemini | 56 | 1775 | 1384 | .. | 16.1 | +20 38 | 5.16 | 18 | .. | .. | .. | .. | 09 | 09 | .. | 04 | .. | 02 | 14e | .. | .. | 16 | 81 | K | K2 |
| 2796 | C.Major | — | 1846 | .. | R | 16.3 | −14 11 | 5.72 | .. | .. | 06 | 01 | .. | 10 | 07 | .. | .. | .. | .. | .. | .. | .. | .. | R | G | K0 |
| 2797 | Camel. | — | 252 | .. | .. | 16.4 | +81 6 | 6.50 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 18c | .. | .. | .. | 16 | K | K0 |
| 2798 | Monoc. | — | 1862 | .. | 9361 | 16.5 | − 8 41 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | F5 |
| 2799 | C.Major | — | 1823 | .. | 9366 | 16.7 | −22 40 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 6. | B 8 | B3 |
| 2800 | C.Major | — | 4223 | .. | 9374 | 16.8 | −26 47 | 5.84 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 43 | B 3 | B3 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



7h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2801 | Monoc. | — | 1915 | .. | .. | 16.9 | + 0 22 | 6.00 | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | .. | 20b | .. | .. | .. | 56 | A | B8 |
| 2802 | C.Major | — | 4400 | .. | 9378 | 16.9 | −25 43 | 6.10 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 21. | Ma | Ma |
| 2803 | Volans | δ | 730 | 1874 | 9407 | 16.9 | −67 46 | 4.02 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | 08 | .. | .. | 03 | .. | 12 | 15. | F5 | F5 |
| 2804 | Lynx | — | 1205 | .. | .. | 17.1 | +52 5 | 5.91 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04e | .. | .. | .. | 55 | K | K2 |
| 2805 | Auriga | 66 | 1852 | 1386 | .. | 17.2 | +40 52 | 5.28 | 01 | .. | .. | .. | .. | 00 | .. | .. | 07 | .. | 15 | 16d | .. | .. | 02 | 102 | K | K0 |
| 2806 | Monoc. | — | 1872 | 1389 | 9382 | 17.2 | − 8 48 | 6.17 | 03 | .. | .. | .. | .. | 15 | 12 | .. | .. | .. | .. | .. | .. | .. | 17 | 46 | F2 | B5 |
| 2807 | Monoc. | — | 2079 | .. | 9383 | 17.3 | − 2 48 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 60 | F5 | F5 |
| 2808 | Gemini | A57 | 1660 | 1387 | .. | 17.4 | +25 15 | 5.08 | 05 | .. | .. | .. | .. | 05 | .. | .. | 08 | .. | 12 | 08c | .. | .. | 03 | 58 | G | G5 |
| 2809 | Camel. | — | 502 | 1385 | .. | 17.5 | +66 32 | 6.29 | 07 | .. | .. | .. | .. | 04 | 02 | .. | .. | .. | 35 | 49b | .. | 21 | 14 | 14 | A | B9 |
| 2810 | Gemini | 58 | 1698 | 1388 | .. | 17.5 | +23 9 | 6.02 | 04 | .. | .. | .. | .. | 05 | .. | .. | 18 | .. | 07 | 58a | .. | .. | 08 | 19 | A | A0 |
| 2811 | Monoc. | — | 2089 | 1390 | 9394 | 17.5 | − 5 48 | 5.83 | 08 | .. | 02 | .. | .. | 12 | 06 | .. | .. | .. | 33 | .. | .. | .. | 03 | 35 | A5 | F0 |
| 2812 | C.Major | — | 1806 | 1391 | 9402 | 17.8 | −18 50 | 4.87 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 02 | 09 | B8 | B8 |
| 2813 | Carina | — | 1153 | .. | 9420 | 17.9 | −52 8 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | F2 | F2 |
| 2814 | Carina | — | | .. | 9422 | 18.0 | −52 8 | 6.99 | | | | | | | | | | | | | | | | | | |
| 2815 | Carina | — | 2445 | 1883 | 9433 | 18.2 | −51 54 | 5.50 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | 24 | .. | .. | .. | .. | 10 | 3. | B | B9 |
| 2816 | Gemini | 59 | 1374 | .. | .. | 18.3 | +27 50 | 5.71 | .. | .. | .. | 12 | .. | 12 | 01 | .. | 11 | .. | .. | 28a | .. | .. | .. | 13 | F | F0 |
| 2817 | Gemini | — | 1564 | .. | .. | 18.8 | +15 43 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 29a | .. | .. | .. | 65 | A | B3 |
| 2818 | Lynx | 21 | 1623 | 1392 | .. | 19.2 | +49 25 | 4.45 | 12 | .. | .. | .. | .. | 10 | 01 | .. | 15 | .. | 43 | 35b | .. | .. | 15 | 12 | A | A0 |
| 2819 | C.Major | — | 4437 | 1889 | 9455 | 19.2 | −31 44 | 5.43 | 02 | 16 | .. | .. | 13 | 02 | 03 | 12 | .. | .. | .. | .. | .. | .. | 22 | 9. | B | B5 |
| 2820 | C.Minor | 1 | 1578 | 1393 | .. | 19.4 | +11 52 | 5.34 | 02 | .. | .. | 01 | .. | 03 | 00 | .. | 09 | .. | 22 | 10b | .. | .. | 06 | 18 | A | A2 |
| 2821 | Gemini | ι 60 | 1385 | 1394 | .. | 19.5 | +28 0 | 3.89 | 14 | .. | .. | .. | .. | 03 | 11 | .. | 31 | .. | 09 | 07d | .. | .. | 11 | 99 | K | K0 |
| 2822 | C.Major | — | 4020 | .. | 9458 | 19.5 | −27 39 | 5.13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 07 | .. | .. | 26. | K | K2 |
| 2823 | C.Major | — | 4454 | 1895 | 9464 | 19.8 | −32 1 | 5.47 | .. | 07 | .. | .. | 01 | 06 | 01 | .. | .. | .. | .. | .. | .. | .. | 07 | 7. | B | B3 |
| 2824 | C.Major | — | 4322 | 1898 | 9473 | 20.0 | −30 2 | 6.59 | .. | .. | .. | .. | 06 | .. | 15 | 10 | .. | .. | .. | .. | .. | .. | .. | 4. | B | B3 |
| 2825 | C.Major | — | 1810 | 1398 | .. | 20.1 | −16 0 | 5.20 | 29 | .. | 21 | 14 | .. | 07 | R | .. | .. | .. | .. | .. | .. | .. | 08 | 01 | B8 | B3p |
| 2826 | C.Major | — | 1855 | .. | 9472 | 20.1 | −22 43 | 6.10 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 67 | B9 | B9 |
| 2827 | C.Major | η 31 | 4328 | 1399 | 9476 | 20.1 | −29 6 | 2.43 | 02 | .. | .. | 13 | .. | 07 | .. | 09 | 07 | 14 | .. | .. | .. | .. | 03 | 111 | B5p | B5p |
| 2828 | C.Minor | ε 2 | 1643 | 1397 | .. | 20.2 | + 9 28 | 5.07 | 08 | .. | .. | .. | .. | 05 | 02 | .. | 22 | .. | 02 | 05c | .. | .. | 12 | 59 | G5 | G5 |
| 2829 | Puppis | — | 3569 | .. | 9485 | 20.4 | −35 39 | 6.34 | .. | .. | .. | .. | .. | .. | 14 | 15 | .. | .. | .. | .. | 89 | .. | .. | 5. | A | B8 |
| 2830 | Camel. | — | 480 | 1395 | .. | 20.5 | +68 40 | 5.80 | 00 | 03 | .. | .. | .. | 02 | 03 | .. | .. | .. | 10 | 11d | .. | 02 | 05 | 48 | G8 | K0 |
| 2831 | C.Major | — | 1825 | .. | R | 20.5 | −18 49 | 6.27 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | A5 | A3 |
| 2832 | C.Major | — | 2001 | .. | 9484 | 20.6 | −13 33 | 5.82 | .. | .. | .. | 12 | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 50 | F2 | F0 |
| 2833 | Monoc. | — | 2112 | .. | 9491 | 20.9 | − 5 35 | 6.08 | .. | .. | 07 | .. | .. | 10 | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 05 | G | G0 |
| 2834 | C.Major | — | 4482 | 1904 | 9503 | 20.9 | −31 37 | 5.44 | .. | 04 | .. | .. | 14 | 28 | 10 | 18 | .. | .. | .. | .. | .. | .. | 54 | 19. | G | B5 |
| 2835 | Gemini | — | 1596 | .. | .. | 21.0 | +21 45 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 39b | .. | .. | .. | 23 | F5 | F5 |
| 2836 | C.Minor | — | 1532 | .. | .. | 21.0 | +10 49 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 50b | .. | .. | .. | 45 | A | A0 |
| 2837 | Gemini | 61 | 1805 | 1400 | .. | 21.1 | +20 27 | 5.88 | 19 | .. | 12 | 04 | .. | 09 | 08 | .. | 28 | .. | 37 | 40b | .. | .. | 12 | 01 | F | F0 |
| 2838 | Monoc. | — | 1943 | .. | 9497 | 21.1 | − 4 20 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 93 | A | B9 |
| 2839 | C.Major | — | 1925 | .. | 9505 | 21.1 | −21 47 | 5.93 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 06 | A | A5 |
| 2840 | C.Minor | — | 1588 | .. | .. | 21.2 | +11 12 | 6.31 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 33a | .. | .. | .. | 64 | A | B8 |
| 2841 | C.Major | — | 5366 | 1910 | 9514 | 21.2 | −25 1 | 5.86 | .. | .. | .. | .. | 14 | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | 64 | A | B9 |
| 2842 | Puppis | — | 3549 | .. | 9523 | 21.3 | −37 6 | 7.07 | .. | .. | .. | .. | .. | .. | 22 | 22 | .. | .. | .. | .. | .. | .. | .. | 7. | A | A3 |
| 2843 | Puppis | — | | | 9521 | 21.3 | −37 6 | 6.99 | | | | | | | | | | | | | | | | | | |
| 2844 | Lynx | — | 1538 | 1401 | .. | 21.5 | +48 24 | 5.57 | 03 | .. | .. | .. | .. | 05 | 08 | .. | .. | .. | 11 | 37b | .. | .. | 33 | 19 | Ap | B9p |
| 2845 | C.Minor | β 3 | 1774 | 1403 | .. | 21.7 | + 8 29 | 3.09 | 02 | .. | .. | .. | .. | 02 | .. | .. | 61 | 03 | 02 | 11b | .. | .. | 21 | 26 | B8 | B8 |
| 2846 | Gemini | 63 | 1602 | 1402 | .. | 21.8 | +21 39 | 5.27 | 01 | .. | .. | .. | .. | 06 | 04 | .. | 07 | .. | 04 | 17c | .. | .. | 02 | 18 | F5 | F5 |
| 2847 | C.Major | — | 4506 | .. | 9540 | 21.9 | −31 32 | 6.20 | .. | .. | .. | .. | .. | .. | 18 | 17 | .. | .. | .. | .. | .. | .. | .. | 10. | B | B5 |
| 2848 | Octans | — | 105 | 1918 | 9770 | 22.0 | −86 52 | 6.41 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | 4. | F | F2 |
| 2849 | Lynx | 22 | 1630 | 1404 | .. | 22.3 | +49 53 | 5.36 | 01 | .. | 09 | 01 | .. | 11 | 17 | .. | 04 | .. | 21 | 19b | .. | .. | 04 | 40 | F5 | F5 |
| 2850 | C.Major | — | 5477 | .. | 9551 | 22.5 | −23 31 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 9. | A | A0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

7h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2851 | C.Minor | η 5 | 1729 | 1407 | .. | 22.6 | + 7 9 | 5.34 | 03 | .. | .. | .. | .. | 04 | .. | .. | 14 | .. | 32 | 06b | .. | .. | 01 | 54 | A 5 | A5 |
| 2852 | Gemini | ρ 62 | 1562 | 1405 | .. | 22.7 | +31 59 | 4.18 | 03 | .. | .. | .. | .. | 03 | .. | .. | 27 | .. | 27 | 22b | .. | .. | 02 | 49 | F | F0 |
| 2853 | C.Major | — | 1980 | 1408 | 9553 | 22.7 | −17 40 | 5.70 | 15 | .. | .. | .. | .. | 09 | 41 | 16 | .. | .. | .. | .. | .. | .. | 22 | 12 | A | F0 |
| 2854 | C.Minor | γ 4 | 1660 | 1406 | .. | 22.8 | + 9 8 | 4.60 | 02 | .. | .. | .. | .. | 02 | .. | .. | 20 | .. | 17 | 30d | .. | .. | 20 | 81 | K | K0 |
| 2855 | C.Major | — | 1874 | 1410 | 9555 | 22.8 | −22 53 | 5.48 | 09 | .. | .. | 03 | .. | 02 | .. | 10 | .. | .. | .. | .. | .. | .. | 08 | 41 | B2p | B2p |
| 2856 | Puppis | — | 3813 | .. | 9564 | 23.0 | −33 56 | 5.98 | .. | .. | .. | .. | .. | .. | 07 | 06 | .. | .. | .. | .. | 23 | .. | .. | 6. | B | B3 |
| 2857 | Gemini | 64 | 1396 | 1409 | .. | 23.1 | +28 19 | 5.04 | 02 | .. | .. | .. | .. | 02 | .. | .. | 09 | .. | 09 | 27c | .. | .. | 14 | 00 | A 2 | A2 |
| 2858 | Gemini | — | 1579 | .. | .. | 23.2 | +15 20 | 6.07 | .. | .. | 03 | .. | .. | 13 | 16 | .. | .. | .. | .. | 41a | .. | .. | .. | 23 | A | A0 |
| 2859 | C.Major | — | 1951 | 1411 | 9561 | 23.2 | −11 21 | 5.86 | 09 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 06 | 22 | A | F5 A0 comp |
| 2860 | Puppis | — | 1878 | .. | 9574 | 23.5 | −22 39 | 5.69 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 09 | B 8 | B8 |
| 2861 | Gemini | b 65 | 1400 | 1412 | .. | 23.6 | +28 7 | 5.09 | 04 | .. | .. | .. | .. | 04 | .. | .. | 19 | .. | 12 | 03d | .. | .. | 01 | 67 | G 5 | K0 |
| 2862 | Carina | — | 2761 | 1926 | 9594 | 23.8 | −50 49 | 5.11 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | 17 | .. | .. | .. | .. | 03 | 18. | G 5 | K0 |
| 2863 | Puppis | — | 4383 | .. | 9589 | 24.0 | −28 57 | 5.52 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 03 | B 9 | B9 |
| 2864 | C.Minor | 6 | 1567 | 1413 | .. | 24.2 | +12 13 | 4.85 | 11 | .. | .. | 09 | .. | 01 | .. | .. | 08 | .. | 02 | 09d | .. | .. | 15 | 102 | K | K0 |
| 2865 | Monoc. | — | 1738 | 1414 | 9586 | 24.3 | − 1 42 | 5.80 | 06 | .. | .. | 01 | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 15 | 15 | K | K0 |
| 2866 | Monoc. | — | 1996 | .. | 9600 | 24.6 | − 7 21 | 5.99 | .. | .. | .. | 01 | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22 | F 5 | F8 |
| 2867 | Monoc. | — | 2067 | .. | 9603 | 24.6 | −10 7 | 6.00 | .. | .. | 03 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K2 |
| 2868 | Puppis | — | 1925 | .. | 9608 | 24.8 | −14 47 | 5.94 | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 28 | F | F8 |
| 2869 | Puppis | — | 3601 | .. | 9614 | 24.9 | −37 36 | 6.46 | .. | .. | .. | .. | .. | .. | 10 | 09 | .. | .. | .. | .. | .. | .. | .. | 7. | A | A0 |
| 2870 | Puppis | — | 4590 | 1935 | 9616 | 25.1 | −31 38 | 6.51 | .. | 39 | .. | .. | 41 | 04 | 16 | 16 | .. | .. | .. | .. | .. | .. | 01 | 1. | B | B3 |
| 2871 | Puppis | — | | 1936 | 9617 | 25.1 | −31 39 | 7.24 | | | | | | | | | | | | | | | | | | |
| 2872 | Auriga | — | 1958 | .. | .. | 25.2 | +39 6 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 46a | .. | .. | .. | 15 | A | A0 |
| 2873 | Puppis | — | 4593 | 1939 | 9621 | 25.3 | −31 15 | 5.80 | .. | 23 | .. | .. | 30 | 05 | 18 | 15 | .. | .. | .. | .. | 30 | .. | 25 | 2. | B 3 | B3 |
| 2874 | Puppis | — | 1897 | 1416 | 9632 | 25.6 | −22 49 | 4.80 | 03 | .. | .. | 07 | 13 | 05 | 04 | 05 | .. | .. | .. | .. | .. | .. | 00 | 07 | A 3 p | A3 |
| 2875 | Puppis | y | 3400 | 1946 | 9637 | 25.7 | −38 36 | 5.41 | .. | 21 | .. | .. | 22 | 06 | 16 | 11 | .. | .. | .. | .. | 19 | .. | 14 | 3. | A | B8 |
| 2876 | Monoc. | — | 1979 | .. | 9635 | 25.9 | − 5 1 | 6.38 | .. | .. | 02 | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Ma | K0 |
| 2877 | Gemini | — | 1596 | 1415 | .. | 26.0 | +17 18 | 5.64 | 07 | .. | .. | 03 | .. | 10 | .. | .. | .. | .. | 17 | 02d | .. | .. | 14 | 36 | G 5 | K0 |
| 2878 | Puppis | σ | 3260 | 1951 | 9652 | 26.1 | −43 6 | 3.27 | .. | .. | .. | .. | 28 | 33 | 04 | 09 | .. | 18 | .. | .. | 08 | .. | 24 | 32. | K 5 | K5 |
| 2879 | Gemini | — | 1744 | 1418 | .. | 26.9 | +23 7 | 6.44 | 02 | .. | .. | .. | .. | 04 | 01 | .. | .. | .. | .. | 19c | .. | .. | 24 | .. | F | G5 |
| 2880 | C.Minor | δ¹ 7 | 1691 | 1419 | .. | 26.9 | + 2 8 | 5.26 | 20 | .. | .. | .. | .. | 19 | .. | .. | 06 | .. | 23 | 20b | .. | .. | 06 | 08 | A 5 | A5 |
| 2881 | Puppis | — | 4620 | 1953 | 9664 | 26.9 | −30 45 | 4.77 | 02 | 07 | .. | .. | 05 | 15 | 09 | 13 | .. | .. | .. | .. | 02 | .. | 28 | 19. | G | G0 |
| 2882 | Puppis | — | 3637 | .. | 9678 | 27.2 | −37 8 | 6.55 | .. | .. | .. | .. | .. | .. | 15 | 15 | .. | .. | .. | .. | .. | .. | .. | 8. | G 5 | G5 |
| 2883 | Monoc. | — | 1964 | .. | 9673 | 27.3 | − 8 40 | 6.02 | .. | .. | .. | 00 | .. | 07 | 07 | 02 | .. | .. | .. | .. | .. | .. | .. | 06 | F 5 | F5 |
| 2884 | Carina | — | 1198 | 1961 | 9697 | 27.6 | −52 26 | 5.94 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 19 | 11. | G 5 | G5 |
| 2885 | Puppis | — | 3650 | .. | 9695 | 27.8 | −35 56 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 7. | A | B5 |
| 2886 | Gemini | 68 | 1510 | 1421 | .. | 27.9 | +16 3 | 5.07 | 10 | .. | .. | .. | .. | 10 | .. | .. | 05 | .. | 14 | 39b | .. | .. | 07 | 19 | A 2 | A2 |
| 2887 | C.Minor | δ² 8 | 1715 | 1422 | .. | 27.9 | + 3 30 | 5.66 | 03 | .. | .. | .. | .. | 02 | .. | .. | 16 | .. | 06 | 07b | .. | .. | 11 | 10 | A 5 | A5 |
| 2888 | Volans | — | 721 | .. | 9717 | 28.0 | −64 18 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | K | K5 |
| 2889 | Puppis | — | 3652 | .. | 9699 | 28.1 | −35 40 | 6.52 | .. | .. | .. | .. | .. | .. | 16 | 17 | .. | .. | .. | .. | .. | .. | .. | 7. | A | A0 |
| 2890 | Gemini | α 66 | 1581 | 1423 | .. | 28.2 | +32 6 | 2.85 | 02 | .. | .. | .. | .. | 03 | .. | .. | 22 | 20 | 05 | 36b | .. | .. | 25 | B | A | A0 |
| 2891 | Gemini | | | 1424 | .. | 28.2 | +32 6 | 1.99 | | | | | | | | | | | | | | | | | | A0 |
| 2892 | Carina | — | 1294 | .. | 9712 | 28.3 | −54 11 | 5.94 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K 5 | K5 |
| 2893 | C.Minor | — | 1563 | .. | .. | 28.6 | +10 47 | 6.21 | .. | .. | .. | 08 | .. | 11 | 04 | .. | .. | .. | .. | 31b | .. | .. | .. | 49 | A | A0 |
| 2894 | Lynx | — | 1227 | 1425 | .. | 28.7 | +56 0 | 6.04 | 05 | .. | .. | .. | .. | 03 | 09 | .. | .. | .. | .. | 08d | .. | .. | 07 | 37 | K | K0 |
| 2895 | Puppis | — | 3659 | .. | 9716 | 28.7 | −35 45 | 6.28 | .. | .. | .. | .. | .. | .. | 13 | 14 | .. | .. | .. | .. | .. | .. | .. | 4. | A | B9 |
| 2896 | Gemini | — | 1620 | 1426 | .. | 28.8 | +31 11 | 5.34 | 06 | .. | .. | .. | .. | 07 | 00 | .. | .. | .. | .. | 23c | .. | .. | 06 | 69 | A | K0 |
| 2897 | Puppis | — | 1966 | .. | 9710 | 28.8 | −14 7 | 6.24 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 68 | A p | B5 |
| 2898 | Lynx | — | 1711 | .. | .. | 28.9 | +43 15 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32b | .. | .. | .. | 03 | A | F0 |
| 2899 | Puppis | — | 1944 | .. | 9715 | 28.9 | −19 12 | 5.76 | .. | .. | 09 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | K | K0 |
| 2900 | Puppis | — | 5566 | 1428 | 9719 | 28.9 | −24 30 | 5.74 | 16 | .. | .. | 04 | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | 04 | 08 | A | A3 |

1908AnHar..50....

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



7h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 2901 | C.Minor | $\delta^3$ 9 | 1719 | .. | .. | 29.0 | + 3 35 | 5.82 | .. | .. | .. | 05 | .. | 05 | .. | .. | 12 | .. | .. | 27b | .. | .. | 13 | 32 | A | A0 |
| 2902 | *Puppis* | — | 1971 | 1429 | 9722 | 29.2 | −14 18 | 5.06 | 06 | .. | 01 | .. | .. | 04 | 11 | .. | .. | .. | .. | .. | .. | .. | 04 | 60 | K 5 | K5 B5 Comp |
| 2903 | Lynx | — | 1286 | 1427 | .. | 29.3 | +46 24 | 5.80 | 03 | .. | .. | .. | .. | 02 | 02 | .. | .. | .. | 19 | 09d | .. | .. | 40 | 100 | K 5 | K5 |
| 2904 | C.Minor | — | 1723 | .. | .. | 29.6 | + 2 56 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30b | .. | .. | .. | 45 | A | A3 |
| 2905 | Gemini | $\upsilon$ 69 | 1424 | 1430 | .. | 29.8 | +27 7 | 4.22 | 04 | .. | .. | .. | .. | 04 | .. | .. | 07 | .. | 15 | 04e | .. | .. | 07 | 135 | K 5 | K5 |
| 2906 | *Puppis* | — | 2007 | 1431 | 9733 | 29.8 | −22 5 | 4.52 | 01 | .. | .. | 01 | .. | 02 | .. | .. | .. | 42 | .. | .. | .. | .. | 03 | 31 | F 8 | F8 |
| 2907 | Puppis | — | 3398 | 1974 | 9742 | 29.9 | −39 50 | 6.28 | .. | .. | .. | .. | 12 | .. | 12 | 00 | .. | .. | .. | .. | .. | .. | .. | 2. | A | B8 |
| 2908 | Puppis | — | 3325 | .. | 9747 | 30.0 | −42 52 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 2909 | Puppis | n | 5709 | 1432 | 9744 | 30.1 | −23 15 | 5.86 | 03 | .. | .. | 05 | .. | 11 | 07 | .. | .. | .. | .. | .. | .. | .. | 00 | 04 | F | F2 |
| 2910 | Puppis | — | | | 9745 | 30.1 | −23 15 | 6.01 | | | | | | | | | | | | | | | | | | |
| 2911 | Puppis | Z | 3715 | 1977 | 9751 | 30.2 | −36 7 | 5.51 | .. | 31 | .. | .. | 12 | 01 | 08 | 13 | .. | .. | .. | .. | .. | .. | 03 | 3. | A | B5p |
| 2912 | Puppis | — | 4719 | .. | 9752 | 30.3 | −25 54 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 6. | A | A0 |
| 2913 | Puppis | — | 3926 | .. | 9756 | 30.4 | −33 15 | 6.14 | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | 11. | F | F0 |
| 2914 | Lynx | — | 1653 | .. | .. | 30.5 | +48 59 | 5.92 | .. | .. | 05 | .. | .. | 14 | 09 | .. | .. | .. | .. | 27b | .. | .. | .. | 05 | A | A3 |
| 2915 | Lynx | — | 1903 | .. | .. | 30.5 | +40 14 | 6.57 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 13d | .. | .. | .. | .. | K 5 | Ma |
| 2916 | Puppis | — | 4574 | .. | 9755 | 30.5 | −26 48 | 5.85 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 15. | K | K0 |
| 2917 | Puppis | — | 3407 | .. | 9758 | 30.6 | −39 41 | 6.62 | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 2918 | C.Minor | — | 1729 | .. | .. | 31.2 | + 6 5 | 5.94 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18b | .. | .. | .. | 10 | G | F8 |
| 2919 | Mensa | $\varepsilon$ | 265 | 1983 | 9843 | 31.2 | −78 53 | 5.42 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 12 | .. | 28 | 13. | K | K2 |
| 2920 | Monoc. | — | 2065 | .. | 9773 | 31.4 | − 8 5 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K2 |
| 2921 | Puppis | — | 1999 | .. | 9778 | 31.4 | −14 16 | 5.57 | .. | .. | 20 | .. | .. | 08 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | 09 | A p | B5 |
| 2922 | *Puppis* | p | 4566 | 1433 | 9782 | 31.4 | −28 9 | 4.55 | 15 | .. | .. | 08 | .. | 02 | .. | 21 | .. | 14 | .. | .. | .. | .. | 25 | 17 | B 8 | B8 |
| 2923 | Puppis | — | 2030 | .. | R | 31.8 | −21 56 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 13. | G | G5 |
| 2924 | Gemini | 70 | 1662 | 1434 | .. | 32.0 | +35 17 | 5.61 | 01 | .. | .. | .. | .. | 09 | 09 | .. | 21 | .. | 21 | 25c | .. | .. | 06 | 100 | G 5 | G5 |
| 2925 | Carina | — | 2571 | .. | 9815 | 32.1 | −51 15 | 6.31 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | A | A0 |
| 2926 | Gemini | — | 1727 | .. | .. | 32.2 | +24 36 | 6.32 | .. | .. | 02 | .. | .. | 01 | 01 | .. | .. | .. | .. | 29a | .. | .. | .. | .. | A 8 | F0 |
| 2927 | Monoc. | 25 | 1979 | 1437 | 9804 | 32.3 | − 3 53 | 5.17 | 09 | .. | .. | .. | .. | 04 | 12 | 01 | 07 | .. | 22 | .. | .. | .. | 17 | 29 | F 5 | F5 |
| 2928 | Puppis | — | 1967 | .. | 9811 | 32.3 | −19 29 | 5.66 | .. | .. | 11 | .. | .. | 13 | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 31 | B 3 | B3 |
| 2929 | Lynx | 23 | 1093 | .. | .. | 32.6 | +57 18 | 6.20 | .. | .. | .. | 11 | .. | 05 | 07 | .. | 30 | .. | .. | 04d | .. | .. | .. | 23 | G 5 | K0 |
| 2930 | Gemini | $o$ 71 | 1649 | 1436 | .. | 32.6 | +34 49 | 4.92 | 25 | .. | 15 | .. | .. | 11 | .. | .. | 02 | .. | 10 | 16c | .. | .. | 17 | 24 | F | F0 |
| 2931 | Gemini | — | 1730 | .. | .. | 33.1 | +24 28 | 6.04 | .. | .. | 07 | .. | .. | 00 | 08 | .. | .. | .. | .. | 36a | .. | .. | 06 | 08 | A | A0 |
| 2932 | Puppis | — | 2053 | .. | 9824 | 33.1 | −14 13 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 66 | A | B9 |
| 2933 | Puppis | — | 5791 | .. | 9827 | 33.1 | −23 33 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11. | F | F0 |
| 2934 | Carina | Q | 1231 | 1996 | 9845 | 33.2 | −52 19 | 4.92 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | 18 | .. | .. | .. | .. | 18 | 23. | K 5 | K5 |
| 2935 | Lynx | — | 1803 | 1438 | .. | 33.5 | +38 34 | 5.89 | 08 | .. | .. | .. | .. | 09 | .. | .. | .. | .. | .. | 01d | .. | .. | 11 | .. | K | K2 |
| 2936 | Gemini | — | 1599 | .. | .. | 33.5 | +32 14 | 6.14 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 37b | .. | .. | .. | 55 | F | F0 |
| 2937 | Puppis | f | 3755 | 1997 | 9850 | 33.6 | −34 44 | 4.62 | .. | 18 | .. | .. | 05 | 14 | 10 | 08 | .. | 07 | .. | .. | .. | .. | 20 | 2. | B 8 | B8 |
| 2938 | Gemini | f 74 | 1701 | 1440 | .. | 33.7 | +17 55 | 5.24 | 02 | .. | .. | .. | .. | 03 | .. | .. | 06 | .. | 04 | 08e | .. | .. | 06 | 101 | K 5 | K5 |
| 2939 | Lynx | — | 1561 | 1439 | .. | 33.8 | +48 22 | 5.77 | 03 | .. | .. | .. | .. | 03 | 07 | .. | .. | .. | 01 | 04d | .. | .. | 03 | 70 | G 5 | G5 |
| 2940 | Puppis | — | 3069 | 2002 | 9863 | 33.9 | −48 36 | 5.86 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | 39 | .. | .. | .. | .. | 01 | 1. | A | B9 |
| 2941 | Carina | — | 1282 | .. | 9869 | 33.9 | −55 40 | 6.37 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | K | G5 |
| 2942 | Puppis | — | 3760 | 2004 | 9859 | 34.0 | −35 3 | 6.54 | .. | .. | .. | .. | 14 | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | 15. | K | K0 |
| 2943 | C.Minor | $\alpha$ 10 | 1739 | 1442 | .. | 34.1 | + 5 29 | 0.48 | 02 | .. | .. | 06 | .. | 01 | 03 | .. | 01 | 06 | 02 | 24b | .. | .. | 10 | R | F 5 | F5 |
| 2944 | *Puppis* | m | 4828 | 1443 | 9857 | 34.1 | −25 8 | 4.64 | 30 | .. | .. | 13 | 03 | 06 | 12 | 02 | .. | 18 | .. | .. | .. | .. | 34 | 08 | A | B8 |
| 2945 | Puppis | — | 3736 | .. | 9867 | 34.2 | −37 47 | 6.28 | .. | .. | .. | .. | .. | .. | 14 | 15 | .. | .. | .. | .. | .. | .. | .. | 12. | K | K2 |
| 2946 | Lynx | 24 | 1103 | 1441 | .. | 34.5 | +58 57 | 4.96 | 08 | .. | .. | .. | .. | 11 | 04 | .. | 16 | .. | 14 | 22b | .. | .. | 21 | 16 | A 5 | A2 |
| 2947 | Puppis | — | 1946 | .. | 9875 | 34.7 | −18 27 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A | B9 |
| 2948 | *Puppis* | k | 4707 | 1445 | 9880 | 34.7 | −26 34 | 4.50 | 05 | .. | .. | 05 | .. | 01 | .. | .. | .. | 10 | .. | .. | .. | .. | 24 | 05 | B 8 | B8 |
| 2949 | *Puppis* | — | | 1446 | 9881 | 34.7 | −26 34 | 4.62 | | | | | | | | | | | | | | | | | B 3 | B3 |
| 2950 | C.Minor | — | 1742 | .. | .. | 34.8 | + 5 28 | 5.81 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 59b | .. | .. | .. | 32 | A | A0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



7h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| 2951 | Gemini | — | 1780 | 1444 | .. | 35.0 | +23 16 | 6.18 | 09 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | .. | 06e | .. | 18 | 08 | .. | K | K5— |
| 2952 | Puppis | — | 3463 | 2010 | 9893 | 35.0 | −39 45 | 6.53 | .. | .. | .. | .. | 12 | .. | 19 | 07 | .. | .. | .. | .. | .. | .. | .. | 7. | A | A0 |
| 2953 | Gemini | — | 1721 | .. | .. | 35.1 | +13 59 | 6.50 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | 14d | .. | .. | .. | .. | K | K0 |
| 2954 | Puppis | — | 3773 | 2012 | 9895 | 35.1 | −36 16 | 5.74 | .. | 14 | .. | .. | 23 | 00 | 05 | 02 | .. | .. | .. | .. | .. | .. | 11 | 5. | A | B5+ |
| 2955 | Puppis | — | 3521 | .. | 9894 | 35.1 | −38 33 | 6.24 | .. | .. | .. | .. | .. | .. | 14 | 14 | .. | .. | .. | .. | .. | .. | .. | 14. | G2 | G5— |
| 2956 | Puppis | — | 4722 | .. | 9900 | 35.3 | −26 38 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 52 | B8 | B8 |
| 2957 | Puppis | — | 3091 | 2017 | 9917 | 35.5 | −48 22 | 5.65 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | 17 | .. | .. | .. | .. | 05 | 14. | F5 | F5p |
| 2958 | Monoc. | — | 2118 | .. | 9905 | 35.7 | − 7 57 | 5.99 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 23 | A | A2 |
| 2959 | *Puppis* | — | 2082 | 1447 | 9911 | 35.8 | −15 2 | 5.15 | 01 | .. | 01 | .. | .. | 17 | 19 | 34 | .. | .. | .. | .. | .. | .. | 17 | 60 | K | K0 |
| 2960 | Puppis | — | 2003 | .. | 9913 | 35.8 | −19 26 | 6.08 | .. | .. | 02 | .. | .. | 12 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | 16. | K | K0 |
| 2961 | Puppis | d¹ | 3531 | 2021 | 9925 | 36.0 | −38 4 | 4.91 | .. | 31 | .. | .. | 22 | 25 | 02 | 14 | .. | .. | .. | .. | 11 | .. | 04 | 3. | B5 | B3 |
| 2962 | Gemini | — | 1657 | .. | .. | 36.2 | +34 14 | 6.00 | .. | .. | 08 | .. | .. | 07 | .. | .. | .. | .. | .. | 44b | .. | .. | .. | 70 | F5 | F0 |
| 2963 | Puppis | d² | 3767 | 2023 | 9934 | 36.2 | −37 54 | 5.74 | .. | 20 | .. | .. | 19 | 03 | 11 | 11 | .. | .. | .. | .. | 24 | .. | R | 1. | A | B5— |
| 2964 | Puppis | d³ | 3768 | 2025 | 9935 | 36.3 | −38 1 | 5.78 | .. | 21 | .. | .. | 19 | 03 | 06 | 04 | .. | .. | .. | .. | .. | .. | R | 5. | B5 | B5— |
| 2965 | Gemini | — | 1737 | .. | .. | 36.3 | +13 44 | 6.10 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16d | .. | .. | .. | .. | Ma | Ma |
| 2966 | C.Minor | — | 1758 | .. | .. | 36.3 | + 3 52 | 5.87 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 29b | .. | 19 | .. | 34 | A | A0 |
| 2967 | Gemini | — | 1729 | 1451 | .. | 36.4 | +14 26 | 5.81 | 06 | .. | 07 | .. | .. | 03 | 02 | .. | .. | .. | .. | 13d | .. | .. | 09 | .. | Ma | Ma |
| 2968 | Puppis | — | 3770 | .. | 9940 | 36.4 | −37 20 | 6.02 | .. | .. | .. | .. | .. | .. | 01 | 00 | .. | .. | .. | .. | .. | .. | .. | 3. | B3 | B3 |
| 2969 | Lynx | 50 | 1460 | 1448 | .. | 36.5 | +50 40 | 5.28 | 08 | .. | .. | .. | .. | 08 | 17 | .. | 02 | .. | 22 | 30b | .. | .. | 08 | 14 | A | A0 |
| 2970 | Monoc. | α 26 | 2172 | 1452 | 9933 | 36.5 | − 9 19 | 4.07 | 13 | .. | 03 | .. | .. | 03 | .. | 19 | 28 | 52 | 32 | .. | .. | .. | 18 | 81 | K | K0 |
| 2971 | Carina | — | 1242 | .. | 9954 | 36.6 | −53 2 | 6.22 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | A | A0 |
| 2972 | *Puppis* | — | 4393 | 1454 | 9944 | 36.7 | −27 42 | 6.55 | 17 | .. | .. | 20 | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 35 | 5. | A | B8 |
| 2973 | Gemini | σ 75 | 1590 | 1453 | .. | 37.0 | +29 7 | 4.26 | 13 | .. | .. | .. | .. | 14 | .. | .. | 14 | .. | 20 | 12c | .. | .. | 04 | 121 | K | K0 |
| 2974 | Puppis | R | 4910 | .. | 9958 | 37.0 | −31 25 | 6.64 | .. | .. | .. | .. | .. | .. | 13 | 14 | .. | .. | .. | .. | R | .. | .. | 18. | F | G0p |
| 2975 | Camel. | 51 | 593 | 1450 | .. | 37.1 | +65 42 | 6.00 | 08 | .. | 20 | .. | .. | 13 | 14 | .. | 10 | .. | 10 | 09d | .. | .. | 10 | 39 | K | K0 |
| 2976 | Puppis | — | 2077 | .. | 9957 | 37.1 | −22 6 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 18. | Ma5 | Ma |
| 2977 | Camel. | 49 | 733 | .. | .. | 37.4 | +63 4 | 6.35 | .. | .. | .. | A | .. | .. | .. | .. | 05 | .. | .. | 45b | .. | .. | .. | 10 | A | A5— |
| 2978 | Gemini | — | 1756 | .. | .. | 37.4 | +22 39 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 12c | .. | .. | .. | .. | G | K0 |
| 2979 | Volans | — | 457 | .. | 10006 | 37.4 | −74 3 | 7.16 | | | | | | | | | | | | | | | | | | |
| 2980 | Volans | — | | .. | 10007 | 37.4 | −74 3 | 7.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | A | B9 |
| 2981 | Puppis | — | 3556 | 2036 | 9978 | 37.8 | −38 18 | 5.48 | .. | 11 | .. | .. | 19 | 07 | 03 | 05 | .. | .. | .. | .. | .. | .. | 27 | 5. | B8 | B8 |
| 2982 | Monoc. | — | 2054 | .. | .. | 38.0 | + 0 26 | 6.36 | .. | .. | 03 | .. | .. | .. | 02 | .. | .. | .. | .. | 00c | .. | .. | .. | .. | K | G6— |
| 2983 | Gemini | c 76 | 1633 | 1456 | .. | 38.1 | +26 1 | 5.40 | 07 | .. | .. | .. | .. | 00 | 07 | .. | 40 | .. | 06 | 02d | .. | .. | 20 | .. | K5 | K5— |
| 2984 | Puppis | — | 3655 | .. | 9996 | 38.2 | −44 23 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | A | B9 |
| 2985 | Gemini | κ 77 | 1759 | 1457 | .. | 38.4 | +24 38 | 3.68 | 07 | .. | .. | .. | .. | 14 | 06 | .. | 03 | .. | 05 | 07d | .. | .. | 03 | 94 | G5 | G5— |
| 2986 | Puppis | — | 3564 | .. | 9999 | 38.5 | −38 18 | 6.24 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 10. | A | B8 |
| 2987 | C.Minor | — | 1750 | .. | .. | 38.7 | +13 7 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04d | .. | .. | .. | .. | K | K0 |
| 2988 | *Puppis* | — | 4824 | 1458 | 10001 | 38.7 | −26 7 | 5.78 | 06 | .. | .. | 01 | .. | 00 | 06 | .. | .. | 32 | .. | .. | .. | .. | 03 | 15. | K | K0 |
| 2989 | C.Minor | — | 1761 | .. | .. | 38.9 | + 2 39 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34b | .. | .. | .. | 26 | F | F0 |
| 2990 | Gemini | β 78 | 1463 | 1459 | .. | 39.2 | +28 16 | 1.21 | 09 | .. | .. | 05 | .. | 04 | .. | .. | 24 | 11 | 15 | 30c | .. | .. | 04 | R | K | K0 |
| 2991 | Gemini | 79 | 1893 | .. | .. | 39.2 | +20 33 | 6.28 | .. | .. | A | .. | .. | .. | .. | .. | 07 | .. | .. | 50a | .. | .. | .. | 31 | A | A0 |
| 2992 | Puppis | — | 4966 | 2049 | 10024 | 39.4 | −25 16 | 6.66 | .. | .. | .. | .. | 19 | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | 7. | A5 | A3 |
| 2993 | *Puppis* | 1 | 4767 | 1461 | 10025 | 39.5 | −28 10 | 4.82 | 22 | .. | .. | 08 | .. | 12 | .. | 18 | 52 | 05 | .. | .. | .. | .. | 02 | 31. | K5 | K5— |
| 2994 | Puppis | — | 3809 | 2050 | 10031 | 39.5 | −35 49 | 5.60 | .. | 23 | .. | .. | 20 | 03 | 06 | 00 | .. | .. | .. | .. | .. | 02 | 20 | 4. | A | B8 |
| 2995 | Puppis | — | 3583 | .. | 10032 | 39.6 | −38 38 | 6.73 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14. | G5 | G5— |
| 2996 | *Puppis* | l 3 | 4774 | 1462 | 10033 | 39.8 | −28 43 | 4.10 | 05 | .. | .. | 05 | .. | 14 | .. | 02 | 00 | 06 | .. | .. | .. | .. | 02 | 88 | A2p | A2p |
| 2997 | Camel. | — | 238 | 1455 | .. | 39.9 | +80 31 | 6.47 | 10 | .. | 03 | .. | .. | 08 | .. | .. | .. | .. | 18 | 26c | .. | 00 | 06 | 11 | K | G5— |
| 2998 | Puppis | — | 3675 | 2054 | 10042 | 39.9 | −44 55 | 5.22 | .. | .. | .. | .. | 14 | 12 | 12 | 10 | .. | .. | .. | .. | 08 | .. | 10 | 14. | F8 | G5— |
| 2999 | Lynx | — | 1769 | 1460 | .. | 40.0 | +37 46 | 5.45 | 05 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 14 | 09d | .. | .. | 05 | 103 | K | Ma |
| 3000 | Cham. | — | 321 | .. | 10129 | 40.1 | −77 25 | 6.48 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | K | K2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



7h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3001 | Puppis | — | 3820 | .. | 10053 | 40.2 | −37 58 | 6.44 | .. | .. | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | .. | .. | .. | .. | 4. | B 5 | B5 |
| 3002 | Puppis | — | 3377 | 2059 | 10060 | 40.2 | −40 42 | 5.11 | .. | .. | .. | .. | 01 | .. | 04 | 03 | .. | .. | .. | .. | 14 | .. | 07 | 24. | K | K0 |
| 3003 | Gemini | g 81 | 1733 | 1463 | .. | 40.3 | +18 45 | 5.02 | 06 | .. | .. | .. | .. | 01 | 04 | .. | 28 | .. | 32 | 00d | .. | .. | 08 | 122 | K | K2 |
| 3004 | *Puppis* | — | 5885 | 1464 | 10055 | 40.4 | −24 26 | 5.53 | 14 | .. | .. | 13 | .. | 01 | .. | .. | .. | 14 | .. | .. | .. | .. | 03 | 09 | B 3 | B3 |
| 3005 | Puppis | — | 3014 | 2064 | 10072 | 40.4 | −49 46 | 6.58 | .. | .. | .. | .. | 09 | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | 4. | A 2 | A0 |
| 3006 | Carina | — | 967 | .. | 10080 | 40.4 | −58 24 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 0. | B | B8 |
| 3007 | Puppis | — | 3825 | 2065 | 10067 | 40.5 | −35 50 | 5.83 | .. | 19 | .. | .. | 04 | 30 | 05 | 08 | .. | .. | .. | .. | .. | .. | 02 | 10. | A 5 | A5 |
| 3008 | C.Minor | 11 | 1670 | 1465 | .. | 40.8 | +11 0 | 5.30 | 16 | .. | .. | 02 | .. | 10 | 05 | .. | 05 | .. | 09 | 21a | .. | .. | 07 | 03 | A | A0 |
| 3009 | Puppis | 2 | 2193 | .. | 10075 | 40.9 | −14 27 | 6.80 | .. | .. | .. | 01 | .. | 01 | .. | .. | 18 | .. | .. | .. | .. | .. | .. | 09 | A | A0 |
| 3010 | Puppis | | 2194 | .. | 10077 | 40.9 | −14 27 | 6.06 | | | | | | | | | | | | | | | | | | |
| 3011 | Puppis | — | 3841 | .. | 10088 | 41.0 | −37 43 | 5.86 | .. | .. | .. | .. | .. | .. | 01 | 00 | .. | .. | .. | .. | .. | .. | .. | 5. | B 8 | B8 |
| 3012 | Carina | — | 1305 | .. | 10103 | 41.0 | −58 0 | 6.20 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | G 5 | K0 |
| 3013 | Gemini | π 80 | 1585 | 1466 | .. | 41.1 | +33 40 | 5.29 | 06 | .. | .. | .. | .. | 06 | 00 | .. | 11 | .. | 26 | 01d | .. | .. | 11 | 131 | K | K2 |
| 3014 | Monoc. | — | 2281 | 1468 | 10082 | 41.1 | − 6 32 | 5.72 | 19 | .. | .. | .. | .. | 04 | 06 | 20 | .. | .. | 26 | .. | .. | .. | 04 | .. | K p | K2 |
| 3015 | *Carina* | 4 | 2199 | 1469 | 10093 | 41.3 | −14 19 | 5.11 | 04 | .. | 11 | 09 | .. | 04 | 08 | 09 | 14 | .. | .. | .. | .. | .. | 01 | 40 | A | F0 |
| 3016 | Puppis | — | 3861 | .. | 10109 | 41.5 | −37 39 | 6.45 | .. | .. | .. | .. | .. | .. | 06 | 06 | .. | .. | .. | .. | .. | .. | .. | 6. | B 3 | B3 |
| 3017 | Puppis | c | 3863 | 2075 | 10113 | 41.7 | −37 44 | 3.72 | .. | 18 | .. | .. | 32 | 23 | 28 | 39 | .. | 13 | .. | .. | 17 | .. | 36 | 31. | K 5 | K5 |
| 3018 | Puppis | — | 4113 | 2076 | 10120 | 41.9 | −33 59 | 5.39 | .. | 05 | .. | .. | 01 | 16 | 03 | 13 | .. | .. | .. | .. | .. | .. | 06 | 17. | F 8 | F8 |
| 3019 | Puppis | — | 2135 | .. | 10118 | 42.1 | −12 26 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 36 | A | B9 |
| 3020 | Puppis | — | 3534 | .. | 10133 | 42.1 | −43 31 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | A | B5 |
| 3021 | Gemini | 82 | 1812 | .. | .. | 42.6 | +23 24 | 6.21 | .. | .. | .. | 02 | .. | 10 | 08 | .. | 09 | .. | .. | 26b | .. | .. | .. | 08 | A 2 | F2 Comp |
| 3022 | Puppis | — | 3886 | .. | 10145 | 42.6 | −37 42 | 5.86 | .. | .. | .. | .. | .. | .. | 08 | 07 | .. | .. | .. | .. | .. | .. | .. | 5. | B 3 | B3 B8 |
| 3023 | Puppis | — | 2027 | .. | 10152 | 42.9 | −22 17 | 5.84 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 20 | A | B5 |
| 3024 | Volans | ζ | 627 | 2082 | 10203 | 43.0 | −72 22 | 3.89 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | 21 | .. | .. | 06 | .. | 09 | 21. | K | K0 |
| 3025 | Puppis | — | 3587 | 2083 | 10169 | 43.1 | −39 49 | 6.65 | .. | .. | .. | .. | 20 | .. | 22 | 03 | .. | .. | .. | .. | .. | .. | .. | 2. | A | B5 |
| 3026 | *Puppis* | — | 2049 | 1470 | 10156 | 43.1 | −15 44 | 6.71 | 29 | .. | 11 | | | 19 | | | | | | | | | | | K | K0 |
| 3027 | *Puppis* | — | 2052 | | 10162 | 43.2 | −15 46 | 6.77 | | | 17 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | .. | .. | 06 | .. | | K2 |
| 3028 | Lynx | — | 1177 | .. | .. | 43.3 | +54 23 | 6.02 | .. | .. | 11 | .. | .. | 05 | 16 | .. | .. | .. | .. | 22b | .. | .. | .. | 14 | F 5 | F5 |
| 3029 | *Puppis* | 5 | 2106 | 1471 | 10163 | 43.3 | −11 57 | 5.52 | 10 | .. | .. | .. | .. | 11 | .. | .. | 02 | .. | .. | .. | .. | 04 | 02 | 36 | A | F5 |
| 3030 | Gemini | — | 1772 | .. | .. | 43.4 | +13 38 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 11d | .. | .. | .. | .. | K | K0 |
| 3031 | Carina | — | 1420 | .. | 10187 | 43.5 | −56 29 | 6.37 | .. | .. | .. | .. | .. | .. | .. | A | .. | 76 | .. | .. | .. | .. | .. | 6. | F | F0 |
| 3032 | Puppis | — | 3595 | .. | 10177 | 43.6 | −39 5 | 6.27 | .. | .. | .. | .. | .. | .. | 06 | 07 | .. | .. | .. | .. | .. | .. | .. | 5. | A | B9 |
| 3033 | C.Minor | — | 1826 | .. | .. | 43.8 | + 4 34 | 6.51 | .. | .. | 11 | .. | .. | .. | 11 | .. | .. | .. | .. | 21b | .. | .. | .. | .. | G | G0 |
| 3034 | *Puppis* | o | 5081 | 1472 | 10182 | 43.9 | −25 42 | 4.59 | 09 | .. | .. | 04 | .. | 04 | .. | .. | .. | 13 | .. | .. | .. | .. | 09 | 25 | B 2 p | B2 |
| 3035 | Puppis | — | 3650 | 2090 | 10188 | 43.9 | −38 16 | 5.11 | .. | 24 | .. | .. | 19 | 05 | 05 | 13 | .. | .. | .. | .. | .. | .. | 19 | 4. | B 3 | B3 |
| 3036 | Volans | — | 806 | .. | 10222 | 44.1 | −65 50 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | K | B5 |
| 3037 | Puppis | — | 3435 | 2094 | 10211 | 44.5 | −46 22 | 5.26 | .. | .. | .. | .. | 02 | 11 | .. | 08 | .. | .. | .. | .. | 06 | .. | 02 | 1. | B 2 | B2 |
| 3038 | Volans | — | 770 | .. | 10245 | 44.5 | −69 35 | 6.21 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | A | A0 |
| 3039 | Lynx | — | 1228 | .. | .. | 44.6 | +55 29 | 6.24 | .. | .. | 08 | .. | .. | 09 | .. | .. | .. | .. | .. | 34a | .. | 23 | .. | 22 | A | A0 |
| 3040 | Gemini | — | 1601 | .. | .. | 44.6 | +33 30 | 6.02 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 36a | .. | .. | .. | 00 | A | A0 |
| 3041 | Puppis | T | 3490 | .. | 10220 | 44.8 | −40 24 | 5.96 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | Ma | Ma |
| 3042 | Puppis | — | 2164 | .. | 10209 | 44.9 | −13 6 | 6.12 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 40 | A | B9 |
| 3043 | Puppis | — | 6022 | .. | 10215 | 44.9 | −24 40 | 5.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 21. | G | G0 |
| 3044 | *Puppis* | 6 | 2146 | 1473 | 10226 | 45.1 | −16 59 | 5.54 | 12 | .. | .. | .. | .. | 12 | .. | .. | 04 | .. | .. | .. | .. | .. | 11 | 24 | K | K0 |
| 3045 | *Puppis* | ξ 7 | 6030 | 1474 | 10225 | 45.1 | −24 37 | 3.47 | 07 | .. | .. | 06 | .. | 08 | 04 | .. | 07 | 13 | .. | .. | .. | .. | 05 | 134 | G | G0p |
| 3046 | Puppis | Q | 3451 | 2102 | 10249 | 45.3 | −46 50 | 4.64 | .. | .. | .. | .. | 04 | 09 | .. | 06 | .. | 30 | .. | .. | 11 | .. | 14 | 23. | K | K0 |
| 3047 | Monoc. | — | 2096 | 1475 | 10231 | 45.4 | − 8 56 | 5.78 | 03 | .. | .. | .. | .. | 04 | .. | .. | .. | .. | 14 | .. | .. | .. | 08 | .. | K | K2 |
| 3048 | Puppis | — | 2085 | .. | 10236 | 45.4 | −19 57 | 6.48 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9. | F 8 | G0 |
| 3049 | Puppis | — | 3970 | 2105 | 10246 | 45.5 | −35 0 | 6.06 | .. | .. | .. | .. | 03 | .. | 07 | 04 | .. | .. | .. | .. | .. | .. | .. | 2. | A | A0 |
| 3050 | C.Minor | — | 1818 | .. | .. | 45.6 | + 3 32 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 12c | .. | .. | .. | .. | G 5 | G5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

7h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 3051 | Puppis | — | 2089 | .. | 10244 | 45.7 | −19 17 | 6.40 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14. | K |
| 3052 | Puppis | — | *4451* | .. | 10254 | 45.8 | −33 3 | 5.70 | .. | .. | .. | .. | .. | .. | *01* | 00 | .. | .. | .. | .. | .. | .. | .. | 17. | K 5 |
| 3053 | Gemini | — | 1854 | .. | .. | 46.1 | +19 35 | 6.13 | .. | .. | *03* | .. | .. | *03* | 05 | .. | .. | .. | .. | *05*d | .. | .. | .. | 33 | K |
| 3054 | Monoc. | — | 2253 | .. | 10257 | 46.1 | −10 53 | 6.32 | .. | .. | 02 | .. | .. | *01* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 |
| 3055 | Puppis | P | 3458 | *2108* | 10268 | 46.2 | −46 8 | 4.25 | .. | .. | .. | .. | *14* | 14 | .. | 01 | .. | 13 | .. | .. | *10* | .. | *10* | 1. | B |
| 3056 | Carina | — | 1437 | *2109* | 10277 | 46.2 | −56 13 | 6.18 | .. | .. | .. | .. | 04 | .. | .. | *05* | .. | .. | .. | .. | .. | .. | 02 | 12. | F 5 |
| 3057 | Puppis | — | 3762 | .. | 10273 | 46.3 | −44 30 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K |
| 3058 | Puppis | — | 3460 | *2110* | 10269 | 46.3 | −46 37 | 5.98 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | *03* | 4. | B 2 |
| 3059 | C.Minor | ζ 13 | 1808 | 1476 | .. | 46.5 | + 2 1 | 5.11 | *12* | .. | .. | .. | .. | 15 | *03* | .. | *11* | .. | *06* | 31b | .. | .. | *11* | *14* | A |
| 3060 | Puppis | — | 6060 | .. | 10281 | 46.8 | −24 17 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11. | A |
| 3061 | C.Minor | — | 1824 | .. | .. | 46.9 | + 3 32 | 6.59 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *17*d | .. | .. | .. | .. | Mb |
| 3062 | Carina | — | 1442 | *2114* | 10301 | 46.9 | −56 10 | 5.54 | .. | .. | .. | .. | 08 | .. | .. | *07* | .. | .. | .. | .. | .. | .. | 11 | 13. | G 2 |
| 3063 | Puppis | *8* | 2179 | .. | 10284 | 47.0 | −12 34 | 6.46 | .. | .. | .. | A | .. | .. | .. | .. | *26* | .. | .. | .. | .. | .. | .. | .. | F |
| 3064 | *Puppis* | *9* | 2267 | 1482 | 10289 | 47.1 | −13 38 | 5.34 | 15 | .. | .. | 00 | .. | *07* | .. | *08* | 19 | .. | .. | .. | .. | .. | 01 | 48 | F 8 |
| 3065 | Lynx | 25 | 1498 | 1479 | .. | 47.2 | +47 38 | 6.38 | *04* | .. | .. | .. | .. | 05 | .. | .. | *18* | .. | *24* | *03*c | .. | .. | 27 | 23 | F 5 |
| 3066 | Lynx | 26 | 1499 | 1480 | .. | 47.4 | +47 49 | 5.69 | 06 | .. | .. | .. | .. | *09* | 04 | .. | *04* | .. | *03* | *17*d | .. | .. | | 78 | K |
| 3067 | Gemini | φ 83 | 1499 | 1481 | .. | 47.4 | +27 1 | 4.99 | *10* | .. | .. | .. | .. | 18 | *09* | .. | *09* | .. | *02* | 26b | .. | 12 | 11 | 08 | A 2 |
| 3068 | Puppis | — | 2235 | .. | 10298 | 47.4 | −20 55 | 5.78 | .. | .. | 01 | .. | .. | *15* | 13 | .. | .. | .. | .. | .. | .. | .. | .. | 13. | K |
| 3069 | Puppis | — | 3780 | .. | 10310 | 47.5 | −44 20 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | G 5 |
| 3070 | Carina | — | 908 | *2119* | 10320 | 47.5 | −60 2 | 5.82 | .. | .. | .. | .. | 03 | .. | .. | *04* | .. | .. | .. | .. | .. | .. | *10* | 6. | F |
| 3071 | Puppis | — | 3004 | *2120* | 10316 | 47.7 | −50 15 | 5.82 | .. | .. | .. | .. | 03 | .. | .. | *04* | .. | .. | .. | .. | .. | .. | .. | 14. | K 5 |
| 3072 | Monoc. | — | 2280 | 1483 | 10308 | 47.8 | − 5 10 | 5.75 | *07* | .. | *03* | .. | .. | 06 | 03 | .. | .. | .. | *19* | .. | .. | .. | 20 | 13 | F 5 |
| 3073 | *Puppis* | *10* | 2250 | 1484 | 10303 | 47.8 | −14 36 | 5.69 | *13* | .. | 07 | .. | .. | *04* | .. | 11 | *09* | .. | .. | .. | .. | .. | 11 | 07 | G |
| 3074 | Puppis | — | 3601 | .. | 10324 | 48.0 | −42 51 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | B 2 |
| 3075 | Camel. | — | 338 | 1478 | .. | 48.2 | +74 11 | 5.56 | 04 | *02* | .. | .. | .. | 01 | *02* | .. | .. | .. | *05* | *11*d | .. | *11* | *06* | 85 | K |
| 3076 | Carina | — | 910 | *2122* | 10337 | 48.2 | −59 48 | 6.66 | .. | .. | .. | .. | 21 | .. | .. | *20* | .. | .. | .. | .. | .. | .. | .. | 11. | K |
| 3077 | Camel. | 52 | 1253 | .. | .. | 48.4 | +56 46 | 6.49 | .. | .. | .. | A | .. | .. | .. | .. | *09* | .. | .. | 47b | .. | .. | .. | *19* | A |
| 3078 | Puppis | — | 3610 | .. | 10334 | 48.4 | −42 38 | 6.16 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | B 2 |
| 3079 | Puppis | — | 4036 | *2124* | 10335 | 48.5 | −34 28 | 5.02 | .. | *12* | .. | .. | 01 | 04 | 07 | 00 | .. | .. | .. | .. | .. | .. | *07* | 14. | F 2 |
| 3080 | Puppis | a | 3579 | *2129* | 10343 | 48.8 | −40 19 | 3.76 | .. | .. | .. | .. | *04* | .. | 11 | *08* | .. | 06 | .. | .. | *06* | .. | *08* | 25. | G 5 |
| 3081 | Volans | — | 827 | *2133* | 10372 | 49.0 | −65 57 | 5.94 | .. | .. | .. | .. | 06 | .. | .. | *05* | .. | .. | .. | .. | .. | .. | 04 | 4. | A |
| 3082 | Camel. | — | 265 | 1477 | .. | 49.1 | +79 45 | 5.33 | 01 | .. | *20* | .. | .. | 11 | 09 | .. | .. | .. | *03* | 25b | .. | .. | *05* | *30* | A |
| 3083 | Lynx | — | 1705 | .. | .. | 49.1 | +35 41 | 6.11 | .. | .. | *09* | .. | .. | 09 | R | .. | .. | .. | .. | 45b | .. | 21 | .. | 00 | A |
| 3084 | Puppis | b | 3769 | *2134* | 10350 | 49.1 | −38 36 | 4.53 | .. | *26* | .. | .. | 14 | 10 | 00 | 03 | .. | .. | .. | .. | *08* | .. | 01 | 7. | B 3 |
| 3085 | Puppis | — | 3989 | *2135* | 10357 | 49.4 | −36 6 | 5.46 | .. | *06* | .. | .. | *03* | 12 | 20 | *21* | .. | .. | .. | .. | .. | .. | *06* | 11. | G 5 |
| 3086 | Gemini | 85 | 1946 | 1486 | .. | 49.8 | +20 9 | 5.36 | *04* | .. | .. | .. | .. | 15 | *11* | .. | 34 | .. | *17* | 28b | .. | .. | *06* | *33* | A |
| 3087 | C.Minor | — | 1815 | .. | .. | 50.0 | + 9 7 | 5.78 | .. | .. | .. | .. | .. | 03 | *02* | .. | .. | .. | .. | 36b | .. | .. | *01* | 15 | A |
| 3088 | Carina | — | 1420 | *2140* | 10389 | 50.1 | −54 7 | 5.84 | .. | .. | .. | .. | 11 | .. | .. | *10* | .. | *23* | .. | .. | *24* | .. | *09* | 1. | A |
| 3089 | Puppis | — | 3137 | *2142* | 10390 | 50.2 | −49 21 | 4.83 | .. | .. | .. | .. | *02* | .. | .. | 02 | .. | *32* | .. | .. | *18* | .. | 02 | 0. | B 3 |
| 3090 | Puppis | J | 3396 | *2143* | 10392 | 50.3 | −47 51 | 4.32 | .. | .. | .. | .. | *04* | .. | .. | 04 | .. | 11 | .. | .. | *02* | .. | *12* | 6. | B 1 |
| 3091 | Puppis | — | 4002 | *2144* | 10391 | 50.5 | −35 37 | 5.41 | .. | *17* | .. | .. | 16 | 00 | *04* | 06 | .. | .. | .. | .. | .. | .. | 24 | 3. | B 8 |
| 3092 | Puppis | — | 4091 | .. | 10403 | 50.9 | −34 35 | 6.13 | .. | .. | .. | .. | .. | .. | 17 | *17* | .. | .. | .. | .. | .. | .. | .. | 13. | K p |
| 3093 | C.Minor | — | 1860 | .. | .. | 51.2 | + 4 44 | 6.32 | .. | .. | 08 | .. | .. | .. | *08* | .. | .. | .. | .. | 06c | .. | .. | .. | .. | G |
| 3094 | Lynx | — | 1693 | .. | .. | 51.3 | +44 15 | 6.47 | .. | .. | 05 | .. | .. | .. | *05* | .. | .. | .. | .. | 07c | .. | .. | .. | 16 | G 5 |
| 3095 | Cancer | 1 | 1590 | 1487 | .. | 51.3 | +16 3 | 5.96 | *02* | .. | .. | .. | .. | 03 | .. | .. | 14 | .. | .. | *06*d | .. | .. | *06* | 28 | K 5 |
| 3096 | Puppis | — | 5275 | .. | 10415 | 51.3 | −30 39 | 6.52 | .. | .. | .. | .. | .. | .. | 18 | *18* | .. | .. | .. | .. | .. | .. | .. | 17. | K p |
| 3097 | C.Minor | — | *1824* | 1488 | .. | 51.8 | + 8 54 | 6.12 | 10 | .. | .. | .. | .. | 04 | *13* | .. | .. | .. | .. | 18c | .. | .. | 08 | .. | K 5 |
| 3098 | C.Minor | — | 1959 | .. | .. | 52.1 | + 1 25 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18b | .. | .. | .. | .. | F |
| 3099 | Puppis | — | *5189* | *2158* | 10447 | 52.4 | −30 1 | 6.36 | .. | .. | .. | .. | 46 | .. | *12* | *34* | .. | .. | .. | .. | .. | .. | .. | 19. | Mb 5 |
| 3100 | Carina | — | 1333 | .. | 10457 | 52.4 | −52 19 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | A |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



7h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 3101 | Puppis | — | 3737 | .. | 10454 | 52.5 | −43 35 | 6.04 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | B 2 |
| 3102 | *Puppis* | j *11* | 2087 | 1492 | 10450 | 52.6 | −22 37 | 4.35 | *09* | .. | .. | *05* | .. | 25 | *02* | *07* | 09 | .. | .. | .. | .. | .. | *17* | 60 | F 8 |
| 3103 | C.Minor | — | 1879 | .. | .. | 52.7 | + 7 29 | 6.31 | .. | .. | .. | *09* | .. | 17 | *07* | .. | .. | .. | .. | 55b | .. | .. | .. | *41* | A |
| 3104 | Cancer | — | 1598 | 1491 | .. | 52.8 | +16 46 | 6.18 | 13 | .. | .. | .. | .. | *14* | .. | .. | .. | .. | .. | 02d | .. | .. | 12 | 12 | K 5 |
| 3105 | Carina | — | *1468* | *2163* | 10470 | 52.8 | −57 2 | 5.50 | .. | .. | .. | .. | 02 | .. | .. | *03* | .. | .. | .. | .. | .. | .. | 12 | 17. | K p |
| 3106 | Camel. | — | 1130 | 1489 | .. | 53.0 | +59 20 | 5.79 | *06* | .. | .. | .. | .. | 04 | 03 | .. | .. | .. | 47 | 11b | .. | .. | *09* | 18 | F |
| 3107 | Puppis | — | 3655 | .. | 10465 | 53.0 | −40 28 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | B |
| 3108 | Camel. | — | 169 | 1485 | .. | 53.1 | +84 21 | 6.39 | 09 | .. | 02 | .. | .. | *11* | .. | .. | .. | .. | *11* | 29b | .. | .. | *14* | *33* | A |
| 3109 | Camel. | 53 | 1105 | 1490 | .. | 53.2 | +60 36 | 6.00 | *02* | .. | *04* | .. | .. | 07 | .. | .. | 00 | .. | 01 | 39b | .. | .. | *10* | *08* | A |
| 3110 | C.Minor | 14 | 1833 | 1494 | .. | 53.2 | + 2 29 | 5.40 | *08* | .. | .. | .. | .. | 09 | .. | .. | *10* | .. | *14* | 02c | .. | .. | 00 | 52 | G 2 |
| 3111 | Puppis | — | 3717 | .. | 10485 | 53.6 | −42 8 | 5.95 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | K |
| 3112 | Camel. | — | 749 | 1493 | .. | 53.7 | +63 21 | 6.04 | *07* | 05 | .. | .. | .. | 02 | 02 | .. | .. | .. | *02* | 30c | .. | 04 | *19* | 18 | F |
| 3113 | *Puppis* | — | *5236* | *2171* | 10482 | 53.7 | −30 4 | 4.85 | *04* | 12 | .. | .. | 06 | *06* | *01* | *06* | .. | .. | .. | .. | .. | .. | *15* | 12. | A 2 |
| 3114 | Puppis | — | 3758 | *2172* | 10489 | 53.7 | −43 14 | 5.42 | .. | .. | .. | .. | 16 | *19* | *08* | 10 | .. | .. | .. | .. | .. | .. | *14* | 1. | B 5 |
| 3115 | Cancer | — | 1811 | .. | .. | 54.0 | +13 30 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04d | .. | .. | .. | 33 | Ma |
| 3116 | Puppis | N | 3766 | *2176* | 10496 | 54.1 | −43 50 | 5.10 | .. | .. | .. | .. | 11 | *12* | *01* | 04 | .. | .. | .. | .. | .. | .. | *16* | 2. | A |
| 3117 | Carina | χ | 1343 | *2178* | 10507 | 54.2 | −52 43 | 3.60 | .. | .. | .. | .. | *04* | .. | .. | 03 | .. | 02 | .. | .. | 10 | .. | 13 | 7. | B 3 |
| 3118 | Puppis | — | 3457 | .. | 10510 | 54.3 | −47 37 | 6.08 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | B 5 |
| 3119 | Camel. | 54 | 1118 | 1495 | .. | 54.5 | +57 33 | 6.52 | 01 | .. | .. | .. | .. | *02* | .. | .. | 08 | .. | *15* | 14c | .. | .. | *05* | *09* | F |
| 3120 | Carina | — | 935 | *2182* | 10521 | 54.6 | −60 15 | 5.59 | .. | .. | .. | .. | 05 | .. | .. | *05* | .. | .. | .. | .. | .. | .. | .. | 19. | K p |
| 3121 | Puppis | O | 3611 | *2184* | 10516 | 54.7 | −45 18 | 5.16 | .. | .. | .. | *02* | 18 | R | *17* | .. | .. | .. | .. | .. | .. | .. | .. | 22. | K p |
| 3122 | Monoc. | 27 | 2157 | 1498 | 10500 | 54.8 | − 3 24 | 5.06 | 02 | .. | .. | .. | .. | *02* | 05 | *06* | *06* | .. | 12 | .. | .. | .. | 14 | 83 | K |
| 3123 | *Puppis* | *12* | *2104* | 1500 | 10512 | 54.8 | −23 2 | 5.22 | 00 | .. | .. | *03* | .. | 08 | .. | *06* | *49* | .. | .. | .. | .. | .. | *02* | 20. | G 5 |
| 3124 | Cancer | ω 2 | 1812 | 1497 | .. | 54.9 | +25 40 | 5.88 | *02* | .. | *17* | .. | .. | *05* | 22 | .. | 14 | .. | 15 | 17c | .. | .. | 02 | 47 | K |
| 3125 | Gemini | — | 1976 | .. | .. | 55.0 | +20 5 | 6.28 | .. | .. | *08* | .. | .. | 09 | .. | .. | .. | .. | .. | 36c | .. | .. | .. | 18 | A |
| 3126 | Carina | — | 1028 | .. | 10531 | 55.0 | −58 51 | 6.03 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | G 5 |
| 3127 | Cancer | — | 1866 | .. | .. | 55.1 | +23 53 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28c | .. | .. | .. | *04* | G 5 |
| 3128 | Cancer | 3 | 1731 | 1499 | .. | 55.1 | +17 35 | 5.79 | 22 | .. | .. | .. | .. | *12* | *11* | .. | 09 | .. | .. | *12*d | .. | .. | 21 | 31 | K |
| 3129 | Puppis | V | 3349 | *2190* | 10534 | 55.3 | −48 58 | 4.50 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | 00 | .. | .. | v | .. | 00 | *2.* | B 1 p |
| 3130 | Lynx | — | 1731 | .. | .. | 55.4 | +35 41 | 6.27 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 27d | .. | .. | .. | 64 | K |
| 3131 | *Puppis* | — | 2118 | 1501 | 10523 | 55.4 | −18 7 | 4.64 | *02* | .. | .. | 10 | .. | *08* | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 13 | A 2 |
| 3132 | Cancer | 4 | 1816 | .. | .. | 55.7 | +25 22 | 6.20 | .. | .. | *17* | .. | .. | 13 | 05 | .. | *10* | .. | .. | 50b | .. | .. | .. | *26* | A |
| 3133 | Carina | — | 2784 | .. | 10544 | 55.7 | −51 11 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | A |
| 3134 | Cancer | 5 | 1612 | .. | .. | 55.8 | +16 43 | 5.91 | .. | .. | .. | 00 | .. | 00 | .. | .. | *06* | .. | .. | 31a | .. | .. | .. | *31* | A |
| 3135 | Monoc. | — | 2379 | .. | 10530 | 55.8 | − 2 36 | 6.19 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 38 | .. | *34* | A |
| 3136 | C.Minor | — | 1857 | 1502 | .. | 55.9 | + 5 9 | 5.66 | *01* | .. | .. | *03* | .. | 11 | *06* | .. | .. | .. | 09 | 24a | .. | .. | 11 | *32* | A |
| 3137 | Puppis | — | 3920 | *2196* | 10547 | 55.9 | −44 57 | 6.02 | .. | .. | .. | .. | *07* | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | 5. | B 8 |
| 3138 | Carina | — | *944* | *2197* | 10561 | 55.9 | −60 2 | 5.66 | .. | .. | .. | .. | 06 | .. | .. | *05* | .. | .. | .. | .. | .. | .. | 06 | 9. | F 2 |
| 3139 | Carina | — | *925* | .. | 10565 | 55.9 | −63 2 | 6.09 | .. | .. | .. | .. | .. | .. | .. | A | .. | 13 | .. | .. | .. | .. | .. | 3. | B 8 |
| 3140 | Puppis | — | *3908* | *2201* | 10546 | 56.0 | −39 1 | 5.20 | .. | *13* | .. | .. | 00 | 01 | 08 | 03 | .. | .. | .. | .. | 20 | .. | 25 | 13. | F |
| 3141 | Monoc. | 28 | *1882* | 1503 | 10540 | 56.2 | − 1 7 | 4.88 | 00 | .. | .. | 17 | .. | *11* | *05* | .. | *08* | .. | *06* | .. | .. | .. | 10 | 88 | K |
| 3142 | Puppis | — | 3243 | *2206* | 10566 | 56.4 | −49 42 | 6.43 | .. | .. | .. | .. | 20 | .. | .. | *19* | .. | .. | .. | .. | .. | .. | 17 | 0. | B 3 |
| 3143 | Puppis | — | 3244 | *2207* | 10568 | 56.4 | −49 42 | 6.65 | | | | | | | | | | | | | | | | | B 3 |
| 3144 | C.Minor | — | 1843 | .. | .. | 56.5 | + 9 11 | 6.11 | .. | .. | *14* | .. | .. | 03 | 11 | .. | .. | .. | .. | 34c | .. | .. | .. | 20 | F 8 |
| 3145 | C.Minor | *13* | 1854 | 1504 | .. | 57.1 | + 2 36 | 4.52 | 04 | .. | .. | .. | .. | *04* | .. | .. | 08 | .. | *11* | 08d | .. | .. | *02* | 106 | K |
| 3146 | Puppis | — | 3662 | *2213* | 10599 | 57.2 | −45 11 | 6.55 | .. | .. | .. | .. | 05 | .. | .. | *05* | .. | .. | .. | .. | .. | .. | .. | 14. | A |
| 3147 | Carina | — | 1006 | .. | 10613 | 57.2 | −60 33 | 5.88 | .. | .. | .. | .. | .. | .. | .. | A | .. | *23* | .. | .. | .. | .. | .. | *2.* | B 3 |
| 3148 | Puppis | — | 3384 | .. | 10605 | 57.3 | −48 42 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | A 2 |
| 3149 | Gemini | χ *6* | 1532 | 1505 | .. | 57.4 | +28 4 | 5.04 | *03* | .. | .. | .. | .. | 06 | *02* | .. | 29 | .. | 05 | 14d | .. | .. | 16 | 65 | K |
| 3150 | Monoc. | — | *2339* | 1506 | 10592 | 57.5 | − 6 3 | 6.30 | 01 | .. | *01* | .. | .. | 04 | *02* | .. | .. | .. | *27* | .. | .. | .. | *15* | .. | G |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**7h — 8h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3151 | Puppis | – | 3388 | .. | 10618 | 57.5 | −48 36 | 6.16 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | A | $A_0$ |
| 3152 | Carina | – | 954 | *2223* | 10639 | 57.9 | −59 56 | 6.41 | .. | .. | .. | .. | 11 | .. | .. | *11* | .. | .. | .. | .. | .. | .. | .. | *2.* | B 8 | $B_8$ |
| 3153 | Carina | – | 1018 | *2224* | 10641 | 57.9 | −60 19 | 5.06 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | 29 | 22. | Ma | Ma |
| 3154 | Puppis | – | *4116* | .. | 10626 | 58.0 | −37 0 | 5.85 | .. | .. | .. | .. | .. | .. | *01* | 01 | .. | .. | .. | .. | .. | .. | .. | 11. | A | $A_2$ |
| 3155 | Puppis | – | 4120 | .. | 10642 | 58.4 | −36 46 | 6.30 | .. | .. | .. | .. | .. | .. | 11 | *10* | .. | .. | .. | .. | .. | .. | .. | 17. | Mc | Ma |
| 3156 | Carina | – | 1505 | .. | 10647 | 58.4 | −53 52 | 5:89 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *44* | .. | .. | *2.* | B 5 | $B_8$ |
| 3157 | Carina | – | 1470 | .. | 10664 | 58.9 | −54 14 | 5.99 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | B | $B_5$ |
| 3158 | Cancer | – | 1911 | .. | .. | 59.0 | +19 7 | 6.06 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 40a | .. | 21 | .. | *20* | A | $A_0$ |
| 3159 | Carina | D | 866 | *2235* | 10678 | 59.1 | −63 17 | 4.96 | .. | .. | .. | .. | 01 | .. | .. | *02* | .. | *24* | .. | .. | 04 | .. | *11* | 5. | B 3 | $B_3$ |
| 3160 | Puppis | – | 4766 | .. | 10661 | 59.2 | −32 11 | 5.80 | .. | .. | .. | .. | .. | .. | 13 | *14* | .. | .. | .. | .. | .. | .. | .. | 21. | K | $K_2$ |
| 3161 | Carina | – | 1419 | *2236* | 10675 | 59.2 | −55 10 | 6.30 | .. | .. | .. | .. | 13 | .. | .. | *12* | .. | .. | .. | .. | *45* | .. | .. | *2.* | A | $B_8$ |
| 3162 | Puppis | – | *3776* | *2237* | 10668 | 59.3 | −41 2 | 5.55 | .. | .. | .. | .. | 16 | *18* | *09* | 11 | .. | .. | .. | .. | .. | .. | 12 | 1. | A | $B_9$ |
| 3163 | Cancer | 8 | 1831 | 1507 | .. | 59.5 | +13 24 | 5.11 | 02 | .. | .. | *03* | .. | 14 | *12* | .. | 09 | .. | *05* | 27b | .. | .. | 14 | *01* | A | $A_0$ |
| 3164 | Gemini | – | 1536 | .. | .. | 59.6 | +27 49 | 6.16 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34a | .. | .. | .. | *10* | A | $B_9$ |
| 3165 | Puppis | ζ | 3939 | *2248* | 10691 | 0.1 | −39 43 | 2.27 | .. | *23* | .. | .. | 06 | 09 | 07 | 03 | .. | 15 | .. | .. | *17* | .. | 05 | 8. | Od | Od |
| 3166 | Puppis | – | 3832 | .. | 10695 | 0.1 | −42 40 | 6.25 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | G | $K_0$ |
| 3167 | Lynx | 28 | 1770 | .. | .. | 0.2 | +43 34 | 6.24 | .. | .. | .. | *07* | .. | 03 | 05 | .. | *34* | .. | .. | 29a | .. | .. | .. | *09* | A | $A_0$ |
| 3168 | Puppis | *14* | 2228 | .. | 10690 | 0.2 | −19 26 | 6.06 | .. | .. | *03* | 13 | .. | 05 | *16* | .. | *26* | .. | .. | .. | .. | .. | .. | *33* | A | $B_3$ |
| 3169 | Cancer | 9 | *1887* | 1508 | .. | 0.4 | +22 56 | 6.24 | *02* | .. | .. | .. | .. | 04 | *03* | .. | *17* | .. | .. | *16*d | .. | .. | *14* | 59 | Ma | Mb |
| 3170 | Puppis | – | 4796 | *2251* | 10699 | 0.4 | −32 23 | 5.40 | .. | 24 | .. | .. | *20* | 16 | 06 | *27* | .. | .. | .. | .. | .. | .. | *10* | 25. | Map | Ma |
| 3171 | Volans | – | 654 | .. | 10727 | 0.5 | −72 58 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 0. | A | $A_2$ |
| 3172 | Monoc. | – | 1903 | .. | 10701 | 0.7 | − 0 17 | 6.60 | .. | .. | 18 | .. | .. | .. | *18* | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 2 | $K_0$ |
| 3173 | Lynx | 27 | 1391 | 1509 | .. | 0.9 | +51 48 | 4.87 | *08* | .. | .. | .. | .. | 08 | 00 | .. | *07* | .. | 12 | 13a | .. | .. | *07* | 15 | A 2 | $A_2$ |
| 3174 | Monoc. | – | 2222 | 1512 | 10717 | 1.6 | − 8 57 | 5.92 | *13* | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 04 | .. | .. | .. | *12* | *24* | A | $A_0$ |
| 3175 | Lynx | – | 1102 | 1510 | .. | 1.9 | +58 33 | 6.05 | *09* | .. | .. | .. | .. | 13 | *04* | .. | .. | .. | *11* | *06*d | .. | .. | 00 | 59 | G 5 | $K_0$ |
| 3176 | Cancer | μ 10 | *1862* | 1511 | .. | 1.9 | +21 52 | 5.38 | *13* | .. | .. | .. | .. | 12 | .. | .. | 22 | .. | 17 | 12c | .. | .. | *08* | 59 | F 5 | $g_0$ |
| 3177 | Puppis | – | 4525 | .. | 10728 | 1.9 | −33 17 | 6.00 | .. | .. | .. | .. | .. | .. | 01 | 00 | .. | .. | .. | .. | .. | .. | .. | R | G 5 | $g_5$ |
| 3178 | Vela | – | 3138 | *2259* | 10736 | 1.9 | −50 18 | 6.00 | .. | .. | .. | .. | 04 | .. | .. | *03* | .. | .. | .. | .. | .. | .. | .. | 20. | K p | $K_0$ |
| 3179 | Vela | – | 3764 | .. | 10741 | 2.3 | −46 41 | 6.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | F 5 | $B_3$ |
| 3180 | Carina | – | 1376 | .. | 10751 | 2.4 | −52 49 | 5.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 22. | K | $K_2$ |
| 3181 | Lynx | – | 1819 | .. | .. | 2.5 | +42 45 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *20*d | .. | .. | .. | 18 | K 5 | $K_2$ |
| 3182 | U. Maj. | *55* | 524 | 1513 | .. | 2.9 | +68 46 | 5.48 | 00 | *02* | .. | .. | .. | 01 | 02 | .. | 02 | .. | *03* | 01c | .. | *04* | *10* | 53 | K | $g_5$ |
| 3183 | *Puppis* | – | 2395 | 1514 | 10749 | 2.9 | −20 16 | 5.25 | *20* | .. | 15 | .. | .. | 02 | .. | 04 | .. | .. | .. | .. | .. | .. | 10 | 03 | A 3 | $A_3$ |
| 3184 | Cancer | 12 | *1831* | .. | .. | 3.1 | +13 56 | 6.26 | .. | .. | *05* | *01* | .. | 08 | *04* | .. | *46* | .. | .. | 26b | .. | .. | .. | *08* | F 5 | $F_5$ |
| 3185 | *Puppis* | *ρ 15* | *6828* | 1515 | 10763 | 3.3 | −24 1 | 2.88 | 00 | .. | .. | *05* | .. | 07 | .. | *04* | *28* | 06 | .. | .. | .. | .. | *18* | 94 | F 5 | $F_5$ |
| 3186 | Carina | – | 953 | *2276* | 10779 | 3.3 | −62 33 | 6.42 | .. | .. | .. | .. | *02* | .. | .. | 01 | .. | .. | .. | .. | *67* | .. | *12* | 4. | B 3 | $B_3$ |
| 3187 | Vela | – | 4051 | *2277* | 10769 | 3.5 | −44 58 | 5.02 | .. | .. | .. | .. | *20* | 12 | 18 | *08* | .. | 24 | .. | .. | .. | .. | *07* | 20. | K | $K_0$ |
| 3188 | Monoc. | ζ 29 | 2450 | 1516 | 10764 | 3.6 | − 2 41 | 4.41 | 06 | .. | .. | .. | .. | *03* | .. | *03* | 14 | .. | 91 | .. | .. | .. | 09 | 79 | G | $g_0$ |
| 3189 | Monoc. | – | *2400* | .. | 10783 | 4.2 | −11 3 | 6.25 | .. | .. | *10* | .. | .. | 08 | 02 | .. | .. | .. | .. | .. | .. | .. | .. | *53* | A | $B_9$ |
| 3190 | Puppis | – | *2262* | .. | 10790 | 4.3 | −20 4 | 6.40 | .. | .. | 03 | .. | .. | .. | *04* | .. | .. | .. | .. | .. | .. | .. | .. | 6. | A 8 | $F_0$ |
| 3191 | Cancer | ψ 14 | 1865 | 1517 | .. | 4.4 | +25 50 | 5.83 | *05* | .. | *12* | .. | .. | 14 | 04 | .. | *13* | .. | 19 | 09c | .. | .. | *03* | 17 | G | $g_5$ |
| 3192 | *Puppis* | *16* | 2190 | 1518 | 10797 | 4.5 | −18 57 | 4.34 | *11* | .. | .. | .. | .. | *02* | .. | 14 | *07* | .. | .. | .. | .. | .. | 01 | *03* | B 3 | $B_3$ |
| 3193 | Lynx | – | 2065 | .. | .. | 4.7 | +39 2 | 6.47 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 43b | .. | .. | .. | 12 | G 5 | $g_0$ |
| 3194 | Puppis | – | 2280 | .. | 10804 | 4.9 | −15 57 | 5.54 | .. | .. | 01 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | .. | *26* | B 3 | $B_3$ |
| 3195 | Puppis | – | 4288 | .. | 10811 | 4.9 | −37 23 | 6.36 | .. | .. | .. | .. | .. | .. | *12* | 11 | .. | .. | .. | .. | .. | .. | .. | 7. | A | $B_5$ |
| 3196 | Puppis | – | *5620* | *2285* | 10815 | 5.1 | −30 1 | 6.66 | .. | .. | .. | .. | 18 | .. | .. | *18* | .. | .. | .. | .. | .. | .. | .. | 17. | K p | $K_5$ |
| 3197 | Camel. | – | 235 | .. | .. | 5.2 | +82 44 | 6.17 | .. | .. | *08* | .. | .. | 08 | .. | .. | .. | .. | .. | 33b | .. | .. | .. | *30* | A | $A_0$ |
| 3198 | Cancer | – | *1775* | .. | .. | 5.3 | +14 56 | 6.14 | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | 42b | .. | .. | .. | *28* | A | $A_0$ |
| 3199 | Puppis | – | 4256 | *2288* | 10820 | 5.3 | −35 9 | 6.20 | .. | .. | .. | .. | 00 | .. | 06 | *07* | .. | .. | .. | .. | .. | .. | .. | 12. | G 2 | $g_5$ |
| 3200 | Lynx | – | 1278 | 1519 | .. | 5.8 | +56 46 | 5.90 | *04* | .. | .. | .. | .. | 07 | *03* | .. | .. | .. | *29* | 12c | .. | .. | *15* | 42 | K | $K_0$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1



8h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3201 | Cancer | — | 1746 | .. | .. | 5.9 | +10 7 | 6.07 | .. | .. | 12 | 18 | .. | 18 | 24 | .. | .. | .. | .. | 25a | .. | .. | .. | 41 | A | B9 |
| 3202 | Puppis | 18 | 2420 | .. | 10839 | 6.1 | −13 30 | 5.64 | .. | .. | .. | 11 | .. | 10 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | 11 | G | B0 |
| 3203 | Vela | — | 3516 | 2298 | 10853 | 6.1 | −48 23 | 5.86 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | 06 | 3. | A | B8 |
| 3204 | Vela | — | 3998 | 2300 | 10856 | 6.3 | −43 49 | 5.16 | .. | .. | .. | .. | 05 | 16 | 09 | 21 | .. | 10 | .. | .. | .. | .. | 39 | 13. | B3 | B3 |
| 3205 | Puppis | — | 3944 | .. | 10859 | 6.4 | −42 20 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | A | A0 |
| 3206 | Vela | — | 3846 | 2303 | 10861 | 6.4 | −47 3 | 4.79 | .. | .. | .. | .. | 12 | R | R | 12 | .. | 02 | .. | .. | 20 | .. | 05 | 17. | B3 | B3 |
| 3207 | Vela | γ | 3847 | 2305 | 10863 | 6.5 | −47 3 | ~~2.22~~ | .. | .. | .. | .. | 01 | | | 00 | .. | | .. | .. | | .. | | | Oa p | Oe p |
| 3208 | Cancer | | | 1521 | .. | 6.5 | +17 56 | 5.56 | | | | | | | | | | | | | | | | | | |
| 3209 | Cancer | ζ 16 | 1867 | 1522 | .. | 6.5 | +17 57 | 6.26 | 01 | .. | .. | 12 | .. | 18 | 07 | .. | 24 | .. | 23 | 09b | .. | .. | 24 | 67 | F | B0 |
| 3210 | Cancer | | | 1523 | .. | 6.5 | +17 57 | 6.02 | | | | | | | | | | | | | | | | | | |
| 3211 | Puppis | 19 | 2385 | 1524 | .. | 6.6 | −12 37 | 4.68 | 07 | .. | .. | .. | .. | 06 | .. | .. | 52 | 03 | .. | .. | .. | .. | 12 | 65 | K | K0 |
| 3212 | Hydra | — | 2378 | 1527 | 10855 | 6.7 | − 7 28 | 5.36 | 06 | .. | .. | .. | .. | 13 | .. | 06 | .. | .. | 20 | .. | .. | .. | 09 | 51 | G | B5 |
| 3213 | Vela | — | 3653 | 2309 | 10873 | 6.7 | −47 38 | 5.40 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 00 | 9. | B3 | B3 |
| 3214 | Cancer | — | 1850 | .. | .. | 6.8 | +14 19 | 6.40 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | 30b | .. | .. | .. | 29 | A | A5 |
| 3215 | Gemini | ψ 15 | 1664 | 1526 | .. | 6.9 | +29 57 | 5.59 | 00 | .. | 10 | .. | .. | 11 | .. | .. | 04 | .. | 06 | 25b | .. | .. | 15 | 27 | A p | A0 p |
| 3216 | Camel. | — | 310 | 1520 | .. | 7.0 | +76 4 | 5.73 | 01 | .. | 01 | .. | .. | 00 | 02 | .. | .. | .. | 09 | 00c | .. | .. | 03 | 35 | G | B5 |
| 3217 | Carina | — | 896 | .. | 10897 | 7.1 | −63 30 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 58 | .. | .. | 1. | B8 | B8 |
| 3218 | Carina | — | 1467 | 2312 | 10889 | 7.2 | −55 47 | 5.80 | .. | .. | .. | .. | 05 | .. | .. | 06 | .. | .. | .. | .. | 30 | .. | 05 | 1. | A2 | A2 |
| 3219 | Puppis | — | 4291 | .. | 10884 | 7.3 | −36 59 | 6.31 | .. | .. | .. | .. | .. | .. | 03 | 03 | .. | .. | .. | .. | .. | .. | .. | 6. | A p | B0 |
| 3220 | Carina | B | 1074 | 2313 | 10904 | 7.3 | −60 59 | 4.80 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | 11 | .. | .. | 00 | .. | 02 | 14. | F5 | F5 |
| 3221 | Camel. | 56 | 1119 | 1525 | .. | 7.4 | +60 41 | 6.36 | 10 | .. | 10 | .. | .. | 01 | .. | .. | 16 | .. | .. | 28b | .. | .. | 09 | 19 | A | F0 |
| 3222 | Cancer | — | 1662 | .. | .. | 7.4 | +16 49 | 6.12 | .. | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | .. | 10c | .. | .. | .. | 08 | G | G5 |
| 3223 | Volans | ε | 736 | 2314 | 10923 | 7.6 | −68 19 | 4.46 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 21 | .. | .. | 09 | .. | 08 | 5. | B5 | B5 |
| 3224 | Cancer | — | 1913 | .. | .. | 7.8 | +23 27 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 38a | .. | .. | .. | 04 | A | A2 |
| 3225 | Puppis | h¹ | 4084 | 2318 | 10901 | 7.8 | −39 19 | 4.43 | .. | 01 | .. | .. | 16 | 09 | 23 | 17 | .. | 23 | .. | .. | 12 | .. | 18 | 30. | K5 | K5 |
| 3226 | Puppis | — | 3979 | 2321 | 10913 | 8.0 | −42 41 | 4.87 | .. | .. | .. | .. | 02 | 04 | 05 | 03 | .. | 85 | .. | .. | 32 | .. | 05 | 8. | A3 | A3 |
| 3227 | Vela | — | 3576 | .. | 10920 | 8.2 | −48 9 | 5.94 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | B3 | B3 |
| 3228 | Cancer | — | 1882 | .. | .. | 8.5 | +17 58 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18b | .. | .. | .. | 03 | A | F0 |
| 3229 | Puppis | 20 | 2324 | 1529 | 10925 | 8.7 | −15 29 | 5.05 | 05 | .. | 02 | .. | .. | 10 | 02 | 13 | 07 | .. | .. | .. | .. | .. | 03 | 65 | K | G5 |
| 3230 | Puppis | — | 5738 | 1531 | 10929 | 8.7 | −29 36 | 6.30 | 12 | .. | .. | 06 | .. | 17 | R | .. | .. | .. | .. | .. | .. | .. | 10 | 15 | A5 | A2 |
| 3231 | Cancer | — | 1868 | .. | .. | 8.8 | +13 22 | 6.48 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 00d | .. | .. | .. | 05 | G5 | K0 |
| 3232 | Vela | — | 3902 | .. | 10941 | 8.9 | −46 20 | 5.68 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | F5 p | F8 p |
| 3233 | Puppis | — | 4394 | .. | 10945 | 9.2 | −37 37 | 6.35 | .. | .. | .. | .. | .. | .. | 13 | 13 | .. | .. | .. | .. | .. | .. | .. | 8. | A5 | A3 |
| 3234 | Vela | — | 3892 | .. | 10953 | 9.3 | −45 57 | 6.08 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | B3 | B3 |
| 3235 | Lynx | 29 | 1124 | 1530 | .. | 9.5 | +59 53 | 5.52 | 09 | .. | 01 | .. | .. | 10 | .. | .. | 11 | .. | 00 | 26b | .. | .. | 02 | 19 | A | A5 |
| 3236 | Camel. | — | 409 | .. | .. | 9.6 | +72 43 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 08d | .. | .. | .. | 42 | K | K5 |
| 3237 | Puppis | r | 4349 | 2336 | 10963 | 9.7 | −35 35 | 4.77 | .. | 05 | .. | .. | 23 | 06 | 14 | 06 | .. | .. | .. | .. | .. | .. | 15 | 1. | B3 p | B3 p |
| 3238 | Puppis | — | 4705 | .. | 10965 | 9.8 | −33 16 | 6.41 | .. | .. | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | 15. | K | K2 |
| 3239 | Puppis | — | 5742 | .. | 10971 | 10.2 | −31 50 | 6.10 | .. | .. | .. | .. | .. | .. | 10 | 11 | .. | .. | .. | .. | .. | .. | .. | 10. | B | B3 |
| 3240 | Puppis | — | 4358 | 2344 | 10973 | 10.2 | −36 1 | 5.12 | .. | 12 | .. | .. | 15 | 07 | 04 | 08 | .. | .. | .. | .. | .. | .. | 00 | 6. | B3 | B3 |
| 3241 | Puppis | — | 4360 | .. | 10974 | 10.2 | −36 2 | 5.95 | .. | .. | .. | .. | .. | .. | 23 | 23 | .. | .. | .. | .. | .. | .. | .. | 8. | A | B8 |
| 3242 | Puppis | — | 4365 | 2348 | 10982 | 10.4 | −35 11 | 5.82 | .. | .. | .. | .. | 00 | .. | 10 | 09 | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 3243 | Puppis | h² | 4128 | 2350 | 10984 | 10.5 | −40 2 | 4.43 | .. | 01 | .. | .. | 13 | 01 | 16 | 04 | .. | 23 | .. | .. | 17 | .. | 01 | 26. | K | K0 |
| 3244 | Vela | — | 3929 | 2351 | 10986 | 10.5 | −46 41 | 5.28 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | 12 | 7. | B3 | B3 |
| 3245 | U. Maj. | 57 | 991 | 1532 | .. | 10.6 | +62 49 | 5.77 | 05 | .. | .. | .. | .. | 06 | 01 | .. | 18 | .. | 05 | 05c | .. | .. | 07 | 61 | G | G0 |
| 3246 | Lynx | — | 1215 | .. | .. | 10.6 | +54 26 | 6.40 | .. | .. | 04 | .. | .. | .. | 03 | .. | .. | .. | .. | 08d | .. | .. | .. | 24 | K | K5 |
| 3247 | Vela | — | 3430 | 2353 | 10996 | 10.7 | −49 53 | 5.44 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | 20. | K5 | K5 |
| 3248 | Cancer | R | 1803 | .. | .. | 11.0 | +12 2 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md | |
| 3249 | Cancer | β 17 | 1917 | 1533 | .. | 11.1 | + 9 30 | 3.76 | 06 | .. | .. | 11 | .. | 06 | 09 | .. | 24 | 01 | 06 | 02d | .. | .. | 34 | 130 | K2 | K2 |
| 3250 | Vela | — | 3914 | .. | 11008 | 11.2 | −45 31 | 6.02 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | B | B3 |

1.92!

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1



**8h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3251 | Puppis | — | 5946 | .. | 11022 | 11.9 | −30 37 | 6.30 | .. | .. | .. | .. | .. | .. | 05 | 04 | .. | .. | .. | .. | .. | .. | .. | 12. | G | A5 |
| 3252 | Cancer | — | 1921 | .. | .. | 12.1 | + 9 11 | 6.31 | .. | .. | .. | .. | .. | 02 | 02 | .. | .. | .. | .. | 15c | .. | .. | .. | .. | K | K0 |
| 3253 | Puppis | — | 4401 | .. | 11032 | 12.2 | −35 35 | 6.20 | .. | .. | .. | .. | .. | .. | 15 | 14 | .. | .. | .. | .. | .. | .. | .. | 13. | K p | K2 |
| 3254 | Lynx | 30 | 1112 | 1534 | .. | 12.4 | +58 3 | 5.94 | 08 | .. | .. | .. | .. | 01 | 09 | .. | 02 | .. | 08 | 10b | .. | .. | 04 | 04 | F 2 | F2 |
| 3255 | Puppis | — | 2467 | .. | 11035 | 12.5 | −21 0 | 6.52 | .. | .. | 09 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | 5. | A | A0 |
| 3256 | Vela | — | 3227 | 2372 | 11045 | 12.5 | −50 8 | 6.41 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | 16. | K | K2 |
| 3257 | Puppis | 21 | 2362 | .. | 11042 | 12.8 | −15 58 | 6.31 | .. | .. | 09 | 03 | .. | .. | 05 | .. | 41 | .. | .. | .. | .. | .. | .. | 40 | A | A0 |
| 3258 | Lynx | — | 1217 | .. | .. | 12.9 | +53 53 | 6.36 | .. | .. | 10 | .. | .. | .. | 10 | .. | .. | .. | .. | 32b | .. | .. | .. | 08 | F | F0 |
| 3259 | Puppis | — | 2449 | 1535 | 11070 | 13.7 | −12 18 | 6.04 | 05 | .. | .. | .. | .. | 10 | 04 | .. | .. | .. | .. | .. | .. | .. | 11 | 16 | F | G5 |
| 3260 | Carina | C | 985 | 2383 | 11097 | 13.8 | −62 37 | 5.26 | .. | .. | .. | .. | 04 | .. | .. | 05 | .. | 35 | .. | .. | 21 | .. | 01 | 7. | A 2 | A2 |
| 3261 | Puppis | — | 5897 | .. | 11083 | 13.9 | −29 42 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14. | A | K0 |
| 3262 | Cancer | χ 18 | 1589 | 1536 | .. | 14.0 | +27 32 | 5.16 | 07 | .. | .. | .. | .. | 06 | .. | .. | 19 | .. | 10 | 17c | .. | .. | 01 | 42 | F | F5 |
| 3263 | U. Maj. | — | 1043 | .. | .. | 14.4 | +60 57 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15c | .. | .. | .. | .. | K | G5 |
| 3264 | Cancer | — | 1817 | 1538 | .. | 14.5 | +21 4 | 5.93 | 05 | .. | .. | .. | .. | 03 | 07 | .. | .. | .. | 13 | 08c | .. | .. | 28 | 54 | K | G5 |
| 3265 | Hydra | — | 2471 | .. | 11091 | 14.5 | − 9 52 | 6.32 | .. | .. | 12 | .. | .. | 00 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | 27 | F | A5 |
| 3266 | Puppis | — | 4452 | 2389 | 11104 | 14.5 | −35 9 | 5.66 | .. | 06 | .. | .. | 03 | 10 | 35 | 14 | .. | .. | .. | .. | .. | .. | 14 | 15. | K p | K2 |
| 3267 | Puppis | — | 4443 | .. | 11106 | 14.5 | −37 4 | 6.54 | .. | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | .. | .. | .. | 4. | A | A0 |
| 3268 | Cancer | λ 19 | 1909 | 1537 | .. | 14.6 | +24 20 | 5.87 | 14 | .. | .. | .. | .. | 15 | 01 | .. | 37 | .. | 01 | 35b | .. | 23 | 07 | 18 | A | A0 |
| 3269 | Hydra | — | 1954 | .. | .. | 14.6 | + 4 15 | 6.29 | .. | .. | 04 | .. | .. | 22 | 19 | .. | .. | .. | .. | 01b | .. | .. | .. | .. | G | G5 |
| 3270 | Puppis | q | 4449 | 2393 | 11111 | 14.8 | −36 21 | 4.43 | .. | 16 | .. | .. | 10 | 09 | 10 | 04 | .. | .. | .. | .. | .. | .. | 22 | 10. | A 5 | A5 |
| 3271 | Hydra | — | 1966 | .. | 11110 | 15.1 | − 0 36 | 6.30 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | G0 |
| 3272 | Hydra | — | 2303 | .. | 11116 | 15.3 | − 5 1 | 6.24 | .. | .. | 06 | .. | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K2 |
| 3273 | Puppis | — | 4627 | .. | 11131 | 15.7 | −34 17 | 6.38 | .. | .. | .. | .. | .. | .. | 09 | 10 | .. | .. | .. | .. | .. | .. | .. | 7. | A | B9 |
| 3274 | Carina | — | 1095 | .. | 11159 | 15.9 | −58 52 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 42 | .. | .. | 8. | F 2 | F8 |
| 3275 | Lynx | 31 | 1815 | 1539 | .. | 16.0 | +43 31 | 4.43 | 01 | .. | .. | .. | .. | 02 | 01 | .. | 13 | .. | 15 | 22e | .. | .. | 08 | 124 | K | K5 |
| 3276 | Puppis | — | 2233 | 1541 | 11142 | 16.1 | −22 37 | 6.09 | 33 | .. | .. | 11 | .. | 17 | 06 | 01 | .. | .. | .. | .. | .. | .. | 21 | 17. | K | K0 |
| 3277 | Lynx | — | 1246 | 1540 | .. | 16.2 | +53 33 | 5.58 | 19 | .. | .. | .. | .. | 11 | 09 | .. | .. | .. | 09 | 20b | .. | 10 | 22 | 01 | A | A2 |
| 3278 | Hydra | — | 2017 | .. | 11141 | 16.3 | − 1 17 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 25 | A | A0 |
| 3279 | Puppis | — | 2369 | 1542 | 11170 | 16.9 | −19 46 | 5.56 | 14 | .. | 13 | .. | .. | 07 | .. | 06 | .. | .. | .. | .. | .. | .. | 02 | 44 | F 8 | G0 Comp |
| 3280 | Volans | — | 907 | 2413 | 11201 | 17.2 | −65 18 | 4.98 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | 17 | .. | 04 | 18. | K | A3 |
| 3281 | Puppis | — | 2464 | 1543 | 11184 | 17.3 | −17 16 | 5.85 | 05 | .. | .. | .. | .. | 01 | .. | 07 | .. | .. | .. | .. | .. | .. | 17 | .. | K | K0 |
| 3282 | Puppis | w | 5185 | 2415 | 11191 | 17.5 | −32 44 | 4.94 | .. | 20 | .. | .. | 17 | 02 | 07 | 12 | .. | .. | .. | .. | .. | 31 | 12 | 24. | K | K0 |
| 3283 | Puppis | — | 4513 | 2416 | 11194 | 17.5 | −36 10 | 5.17 | .. | 02 | .. | .. | 16 | 29 | 05 | 14 | .. | .. | .. | .. | .. | 06 | 21 | 1. | B 3 | B3 |
| 3284 | Cancer | d¹ 20 | 1930 | 1544 | .. | 17.6 | +18 39 | 5.88 | 00 | .. | .. | .. | .. | 23 | 22 | .. | 03 | .. | 21 | 21b | .. | .. | 02 | 18 | A | F0 |
| 3285 | Hydra | — | 2512 | .. | 11187 | 17.6 | − 5 52 | 6.07 | .. | .. | 18 | .. | .. | 05 | 22 | .. | .. | .. | .. | .. | .. | 14 | .. | 14 | A | A3 |
| 3286 | Puppis | — | 4245 | .. | 11199 | 17.8 | −39 18 | 6.18 | .. | .. | .. | .. | .. | .. | 06 | 06 | .. | .. | .. | .. | .. | .. | .. | 10. | A 2 | A5 |
| 3287 | Lynx | — | 1859 | .. | .. | 18.0 | +42 20 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 12d | .. | .. | .. | 39 | G 5 | K5 |
| 3288 | Hydra | — | 2452 | .. | 11197 | 18.0 | − 7 14 | 6.15 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | Ma | Ma |
| 3289 | Puppis | 22 | 2490 | .. | 11200 | 18.1 | −12 44 | 6.30 | .. | .. | .. | A | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 3290 | Cancer | 21 | 1830 | .. | .. | 18.5 | +10 58 | 6.29 | .. | .. | .. | 02 | .. | 02 | .. | .. | 19 | .. | .. | 08d | .. | .. | .. | .. | K 5 p | K5 |
| 3291 | Puppis | — | 5988 | 1546 | 11222 | 18.6 | −26 1 | 5.86 | 12 | .. | .. | 10 | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 04 | 8. | F p | F0 |
| 3292 | Lynx | — | 1819 | 1545 | .. | 18.7 | +35 22 | 6.21 | 11 | .. | 04 | .. | .. | 09 | 06 | .. | .. | .. | .. | 07d | .. | .. | 16 | 55 | K 5 | K0 |
| 3293 | Carina | — | 1490 | 2428 | 11239 | 19.0 | −57 39 | 6.07 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | 42 | .. | 32 | 7. | B 5 | B5 |
| 3294 | Vela | B | 3734 | 2433 | 11248 | 19.5 | −48 10 | 4.90 | .. | .. | .. | .. | 07 | .. | .. | 08 | .. | 40 | .. | .. | 00 | .. | 05 | 2. | B 2 | B2 |
| 3295 | Hydra | — | 2328 | .. | 11238 | 19.6 | − 4 23 | 6.00 | .. | .. | 09 | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | F 2 | F2 |
| 3296 | Puppis | — | 4638 | .. | 11245 | 19.6 | −37 58 | 6.34 | .. | .. | .. | .. | .. | .. | A | R | .. | .. | .. | .. | .. | .. | .. | 9. | Ma | Ma |
| 3297 | Hydra | 1 | 2333 | .. | 11236 | 19.7 | − 3 26 | 5.67 | .. | .. | .. | 12 | .. | 12 | R | R | 13 | .. | .. | .. | .. | .. | .. | 17 | F 5 | F5 |
| 3298 | Carina | — | 940 | .. | 11265 | 19.8 | −63 47 | 5.98 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | G | G5 |
| 3299 | Cancer | d² 25 | 1842 | 1548 | .. | 20.1 | +17 23 | 6.18 | 01 | .. | .. | 07 | .. | 06 | .. | .. | 02 | .. | 01 | 18c | .. | .. | 13 | 27 | F | F8 |
| 3300 | Vela | — | 2980 | .. | 11268 | 20.1 | −51 48 | 5.93 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | A | B9 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



8h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| 3301 | Volans | $\kappa^1$ | 677 | *2437* | 11293 | 20.1 | −71 12 | 5.44 | .. | .. | .. | .. | *03* | .. | .. | 04 | .. | .. | .. | .. | .. | .. | *07* | 4. | B 9 | B9 |
| 3302 | Volans | $\kappa^2$ | 678 | *2439* | 11297 | 20.2 | −71 11 | 5.72 | .. | .. | .. | .. | *01* | .. | .. | 02 | .. | *90* | .. | .. | .. | .. | | 10. | A | A0 |
| 3303 | U. Maj. | — | 545 | 1547 | .. | 20.4 | +67 38 | 6.01 | *17* | .. | .. | .. | .. | 02 | 15 | .. | .. | .. | *06* | 03c | .. | .. | *11* | 26 | G 2 | G5 |
| 3304 | Cancer | $\varphi^1$ 22 | 1602 | 1549 | .. | 20.4 | +28 14 | 5.83 | 10 | .. | .. | .. | .. | *11* | 01 | .. | *13* | .. | 26 | *12*d | .. | .. | *13* | 48 | K 2 | K2 |
| 3305 | Hydra | — | 1965 | .. | .. | 20.4 | + 2 27 | 5.91 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *05*e | .. | .. | .. | .. | G 5 | K0 |
| 3306 | Cancer | — | *2053* | 1553 | .. | 20.5 | + 7 53 | 5.23 | *14* | .. | .. | .. | .. | 13 | 00 | .. | .. | .. | 15 | 11c | .. | .. | 14 | 52 | K | K0 |
| 3307 | Carina | $\varepsilon$ | 1032 | *2441* | 11285 | 20.5 | −59 11 | 1.74 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | 24 | .. | .. | *24* | .. | 01 | 27. | K p | B - Comp |
| 3308 | *Puppis* | — | 2262 | 1555 | 11272 | 20.6 | −22 50 | 5.65 | *15* | .. | .. | 11 | .. | 03 | .. | R | .. | .. | .. | .. | .. | .. | *07* | 15 | A | A2 |
| 3309 | Lynx | — | 1398 | 1550 | .. | 20.7 | +46 0 | 6.33 | *13* | .. | .. | .. | .. | 00 | 13 | .. | .. | .. | .. | 18c | .. | .. | *08* | 17 | F 5 | G0 |
| 3310 | Cancer | $\varphi^2$ 23 | 1612 | 1551 | .. | 20.7 | +27 16 | 6.32 | *10* | .. | .. | .. | .. | 09 | .. | .. | *06* | .. | 14 | 21b | .. | .. | *13* | 07 | A | A2 |
| 3311 | Cancer | | | | | 20.7 | +27 16 | 6.30 | | | | | | | | | | | | | | | | | | |
| 3312 | Cancer | 24 | *1920* | 1552 | .. | 20.7 | +24 52 | 7.10 | *25* | .. | 08 | .. | .. | 18 | .. | .. | *28* | .. | .. | 48b | .. | .. | *38* | *14* | A | A3 - Comp |
| 3313 | Cancer | | | | | 20.7 | +24 52 | 7.64 | | | | | | | | | | | | 56b | | | | | | G |
| 3314 | *Hydra* | C *30* | 2339 | 1554 | 11266 | 20.7 | − 3 35 | 3.95 | *09* | .. | .. | .. | .. | 03 | .. | 07 | 05 | 09 | *32* | .. | .. | .. | 00 | 02 | A | A0 |
| 3315 | *Puppis* | — | 7277 | 1556 | 11277 | 20.8 | −23 43 | 5.46 | 04 | .. | .. | *09* | .. | 05 | .. | R | .. | .. | .. | .. | .. | .. | *06* | 23. | K | K5 |
| 3316 | Puppis | — | 2522 | .. | 11281 | 20.9 | −20 44 | 6.00 | .. | .. | 00 | .. | .. | 09 | *08* | .. | .. | .. | .. | .. | .. | .. | .. | 28 | F | F2 |
| 3317 | Puppis | — | *2442* | .. | 11286 | 21.1 | −17 7 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 3318 | Cham. | $\alpha$ | 507 | *2444* | 11334 | 21.1 | −76 36 | 4.08 | .. | .. | .. | .. | *02* | .. | .. | 03 | .. | 14 | .. | .. | 07 | .. | 10 | 4. | F 5 | F5 |
| 3319 | Cancer | 27 | 1912 | 1557 | .. | 21.2 | +13 0 | 5.75 | *12* | .. | .. | *02* | .. | 13 | .. | .. | *05* | .. | 12 | 03d | .. | .. | *15* | .. | Ma | Ma |
| 3320 | *Puppis* | — | 2517 | 1559 | 11291 | 21.3 | −14 36 | 5.91 | 05 | .. | *05* | .. | .. | 01 | 00 | .. | .. | .. | .. | .. | .. | .. | *06* | 00 | A | A2 |
| 3321 | Hydra | 2 | 2345 | .. | 11295 | 21.5 | − 3 40 | 5.41 | .. | .. | .. | 08 | .. | 10 | *19* | .. | 09 | .. | .. | .. | .. | .. | .. | 48 | A | A5 |
| 3322 | Puppis | — | 4219 | .. | 11303 | 21.5 | −42 27 | 6.20 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | B | B5 |
| 3323 | U. Maj. | $o$ 1 | 1054 | 1558 | .. | 22.0 | +61 3 | 3.47 | *04* | 00 | .. | R | .. | 02 | 03 | .. | *02* | .. | *11* | *04*c | .. | 05 | 68 | 119 | G | G0 |
| 3324 | *Puppis* | — | 2524 | 1560 | 11309 | 22.0 | −12 12 | 5.68 | 08 | .. | .. | .. | .. | *08* | .. | R | .. | .. | .. | .. | .. | .. | 10 | 60 | K | K0 |
| 3325 | Hydra | — | *2530* | .. | 11316 | 22.3 | − 6 5 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | F5 |
| 3326 | Puppis | — | 4119 | *2453* | 11326 | 22.4 | −41 50 | 5.30 | .. | .. | .. | .. | 18 | *44* | 03 | 23 | .. | .. | .. | .. | .. | .. | 20 | 2. | B | B3 |
| 3327 | Puppis | — | 4462 | .. | 11332 | 22.6 | −38 44 | 6.68 | .. | .. | .. | .. | .. | .. | *13* | 13 | .. | .. | .. | .. | .. | .. | .. | 4. | A | A0 |
| 3328 | Puppis | — | | | 11333 | 22.6 | −38 44 | 7.28 | | | | | | | | | | | | | | | | | | |
| 3329 | Cancer | 28 | 1931 | 1561 | .. | 22.7 | +24 28 | 6.06 | *13* | .. | .. | .. | .. | 06 | 08 | .. | *01* | .. | .. | 12b | .. | .. | *11* | 21 | A | A5 |
| 3330 | Vela | — | 3004 | *2456* | 11340 | 22.7 | −51 24 | 5.23 | .. | .. | .. | .. | 08 | .. | .. | *08* | .. | .. | .. | .. | .. | .. | 06 | *2.* | B 2 | B3 |
| 3331 | *Puppis* | — | 6048 | 1563 | 11331 | 22.8 | −28 54 | 6.57 | *17* | .. | .. | *03* | .. | *02* | 21 | .. | .. | .. | .. | .. | .. | .. | *17* | 8. | A | B9 |
| 3332 | U. Maj. | — | 472 | .. | .. | 23.0 | +69 39 | 6.44 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *02*c | .. | .. | .. | 35 | K | K0 |
| 3333 | Cancer | 29 | 1899 | 1562 | .. | 23.0 | +14 33 | 5.90 | 04 | .. | *11* | *06* | .. | 11 | .. | .. | 00 | .. | 15 | 24b | .. | 10 | *15* | *17* | A | A2 |
| 3334 | Volans | $\eta$ | *694* | *2463* | 11378 | 23.0 | −73 5 | 5.40 | .. | .. | .. | .. | *02* | .. | .. | 03 | .. | *05* | .. | .. | *15* | .. | 06 | *3.* | A | A2 |
| 3335 | Pyxis | — | 2538 | .. | 11341 | 23.1 | −20 31 | 6.44 | .. | .. | 08 | .. | .. | .. | *08* | .. | .. | .. | .. | .. | .. | .. | .. | 7. | A 2 | A0 |
| 3336 | Pyxis | — | 6079 | .. | 11350 | 23.3 | −31 21 | 6.28 | .. | .. | .. | .. | .. | .. | 11 | *10* | .. | .. | .. | .. | .. | .. | .. | 10. | G | K0 |
| 3337 | Hydra | — | 2581 | .. | 11346 | 23.5 | − 2 11 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A 8 | F0 |
| 3338 | Hydra | — | 2374 | .. | 11352 | 23.5 | − 8 29 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 3339 | *Pyxis* | — | 6109 | 1564 | 11363 | 23.6 | −25 48 | 6.64 | *19* | .. | .. | *06* | .. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | *36* | 10. | A 2 | A2 |
| 3340 | Cham. | $\theta$ | 383 | *2468* | 11405 | 23.6 | −77 10 | 4.26 | .. | .. | .. | .. | *07* | .. | .. | 06 | .. | 17 | .. | .. | 09 | .. | 18 | 15. | K | K0 |
| 3341 | Vela | — | 1474 | .. | 11371 | 23.7 | −52 29 | 6.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | A | A0 |
| 3342 | Hydra | — | 2532 | .. | 11369 | 24.0 | − 9 25 | 5.98 | .. | .. | 24 | .. | .. | *15* | *08* | .. | .. | .. | .. | .. | .. | .. | .. | 07 | G | F2 |
| 3343 | Pyxis | — | 4842 | *2470* | 11375 | 24.2 | −34 47 | 5.82 | .. | .. | .. | .. | 13 | .. | *17* | 05 | .. | .. | .. | .. | .. | .. | .. | *2.* | B | B5 |
| 3344 | *Pyxis* | — | 2286 | 1565 | 11374 | 24.3 | −22 44 | 6.35 | *12* | .. | .. | 08 | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | *30* | 1. | A 2 | A0 |
| 3345 | Pyxis | — | 2549 | .. | 11381 | 24.4 | −20 37 | 6.47 | .. | .. | *15* | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | 3. | A | B8 |
| 3346 | Volans | — | 878 | .. | 11400 | 24.5 | −64 16 | 6.02 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | G 5 | G5 |
| 3347 | Volans | $\beta$ | 933 | *2481* | 11407 | 24.6 | −65 48 | 3.65 | .. | .. | .. | .. | *04* | .. | .. | 04 | .. | 37 | .. | .. | 15 | .. | 10 | 21. | K | K0 |
| 3348 | Lynx | — | 1870 | .. | .. | 24.8 | +37 36 | 6.06 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 38a | .. | .. | .. | *13* | A | B9 |
| 3349 | Carina | — | 1647 | .. | 11404 | 24.8 | −54 41 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | A | A0 |
| 3350 | Vela | F | 1484 | *2482* | 11402 | 24.9 | −52 46 | 5.12 | .. | .. | .. | .. | *02* | .. | .. | 03 | .. | 49 | .. | .. | .. | .. | .. | 12. | A 8 | F0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....



**8h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3351 | U. Maj. | — | 1259 | .. | .. | 25.1 | +53 26 | 6.53 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15d | .. | .. | .. | 08 | G | K0 |
| 3352 | Camel. | — | 342 | .. | .. | 25.2 | +75 4 | 6.28 | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | .. | 24c | .. | 03 | .. | 12 | A | A5 |
| 3353 | *Pyxis* | — | 6103 | 1568 | 11403 | 25.3 | −27 0 | 6.50 | 14 | .. | .. | 06 | .. | 06 | 12 | .. | .. | .. | .. | .. | .. | .. | 35 | 10. | A | B9 |
| 3354 | U. Maj. | A 2 | 638 | 1566 | .. | 25.6 | +65 29 | 5.39 | 07 | .. | .. | .. | .. | 07 | .. | .. | 26 | .. | 09 | 35b | .. | 17 | 04 | 13 | A | A0 |
| 3355 | Cancer | $\upsilon^1$ 30 | 1940 | 1567 | .. | 25.6 | +24 25 | 5.73 | 03 | .. | .. | .. | .. | 01 | 03 | .. | 12 | .. | 19 | 29b | .. | .. | 02 | 34 | A | F0 |
| 3356 | Vela | — | 4337 | .. | 11417 | 25.7 | −43 50 | 5.94 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | B | B3 |
| 3357 | Cancer | $\theta$ 31 | 1963 | 1569 | .. | 25.9 | +18 26 | 5.57 | 18 | .. | .. | .. | .. | 12 | 06 | .. | 23 | .. | 32 | 15e | .. | .. | 23 | 134 | K 5 | Ma |
| 3358 | Vela | A | 4004 | 2490 | 11424 | 25.9 | −47 36 | 5.52 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 24 | .. | .. | 17 | .. | 04 | 9. | B 5 | B5 |
| 3359 | Vela | — | 4462 | 2491 | 11429 | 26.0 | −44 23 | 5.06 | .. | .. | .. | .. | 09 | 17 | 14 | 23 | .. | .. | .. | .. | .. | .. | 14 | 8. | B | B5 |
| 3360 | Lynx | — | 1920 | 1570 | .. | 26.4 | +38 22 | 6.05 | 03 | .. | .. | .. | .. | 02 | 00 | .. | .. | .. | .. | 09c | .. | .. | 00 | 33 | K p | K0 |
| 3361 | Cancer | — | 1816 | .. | .. | 26.5 | +10 9 | 6.58 | .. | .. | 09 | .. | .. | 00 | 09 | .. | .. | .. | .. | 40a | .. | .. | .. | 52 | A | A0 |
| 3362 | Pyxis | — | 6165 | 2499 | 11434 | 26.5 | −31 49 | 5.63 | .. | 07 | .. | .. | 16 | 05 | 22 | 17 | .. | .. | .. | .. | .. | .. | 18 | 20. | K | K2 |
| 3363 | Vela | — | 4183 | .. | 11438 | 26.5 | −46 0 | 6.11 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | B | B8 |
| 3364 | Pyxis | — | 4715 | .. | 11440 | 26.7 | −36 23 | 6.67 | .. | .. | .. | .. | .. | .. | 26 | 26 | .. | .. | .. | .. | .. | .. | .. | R | A | K2 |
| 3365 | Lynx | 32 | 1836 | 1571 | .. | 26.9 | +36 46 | 6.14 | 00 | .. | .. | .. | .. | 06 | 06 | .. | 04 | .. | .. | 39b | .. | .. | 01 | 38 | F | F2 |
| 3366 | Cancer | $\eta$ 33 | 2109 | 1572 | .. | 26.9 | +20 47 | 5.52 | 01 | .. | .. | .. | .. | 09 | 08 | .. | 18 | .. | 01 | 04c | .. | .. | 13 | 100 | K | K0 |
| 3367 | *Pyxis* | — | 2438 | 1574 | 11445 | 27.0 | −19 14 | 5.38 | 01 | .. | 02 | .. | .. | 02 | .. | R | .. | .. | .. | .. | .. | 08 | 06 | 19 | A | A0 |
| 3368 | Carina | — | 1667 | 2503 | 11458 | 27.0 | −54 51 | 6.38 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | 10. | G | G0 |
| 3369 | Cancer | $\upsilon^2$ 32 | 1946 | 1573 | .. | 27.1 | +24 25 | 6.41 | 05 | .. | 05 | .. | .. | 03 | 03 | .. | 06 | .. | 05 | 03c | .. | .. | 01 | 83 | G 2 | K0 |
| 3370 | Volans | — | 919 | 2505 | 11474 | 27.1 | −69 46 | 5.62 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | 23 | .. | 17 | 1. | A | B9 |
| 3371 | Vela | — | 4477 | .. | 11459 | 27.2 | −44 24 | 6.49 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | B | B5 |
| 3372 | Cancer | 34 | 1818 | .. | .. | 27.3 | +10 26 | 6.30 | .. | .. | 03 | .. | .. | 07 | 03 | .. | 10 | .. | .. | 42a | .. | .. | .. | 39 | A | A0 |
| 3373 | Vela | — | 4566 | .. | 11468 | 27.7 | −38 44 | 6.24 | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | 6. | A | B3 |
| 3374 | Hydra | — | 2564 | .. | 11465 | 27.9 | −14 41 | 6.41 | .. | .. | 05 | .. | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | .. | A 8 | A5 |
| 3375 | Vela | — | 4048 | .. | 11478 | 28.0 | −47 32 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | B | B5 |
| 3376 | Cancer | — | 1940 | .. | .. | 28.2 | +13 36 | 6.40 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 00d | .. | .. | .. | .. | K | K0 |
| 3377 | Lynx | 33 | 1840 | 1576 | .. | 28.3 | +36 46 | 5.83 | 09 | .. | .. | .. | .. | 09 | R | .. | 13 | .. | 11 | 21a | .. | 03 | 18 | 13 | A | A2 |
| 3378 | Hydra | — | 1997 | .. | .. | 28.5 | + 5 6 | 6.13 | .. | .. | .. | 02 | .. | 02 | .. | .. | .. | .. | .. | 07c | .. | .. | .. | .. | K | K0 |
| 3379 | Camel. | — | 370 | 1575 | .. | 28.6 | +73 59 | 6.29 | 04 | .. | 06 | .. | .. | 05 | 08 | .. | .. | .. | 00 | 01d | .. | .. | 11 | 17 | G 5 | K0 |
| 3380 | Cancer | — | 2077 | 1577 | .. | 28.8 | + 8 48 | 5.97 | 22 | .. | .. | 25 | .. | 03 | 06 | .. | .. | .. | 14 | 28b | .. | .. | 17 | 04 | F | F0 |
| 3381 | *Pyxis* | — | 7089 | 1578 | 11491 | 28.8 | −24 16 | 6.15 | 23 | .. | .. | 01 | .. | 06 | 16 | .. | .. | .. | .. | .. | .. | .. | 10 | 13. | A 8 | A5 |
| 3382 | Carina | — | 1729 | .. | 11505 | 28.9 | −54 3 | 6.20 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K | K2 |
| 3383 | *Hydra* | — | 2074 | 1579 | 11492 | 29.0 | − 1 49 | 5.61 | 04 | .. | .. | .. | .. | 04 | .. | .. | .. | .. | 20 | .. | .. | .. | 04 | 01 | A | A0 |
| 3384 | Pyxis | — | 6229 | .. | 11499 | 29.0 | −31 11 | 6.36 | .. | .. | .. | .. | .. | .. | 07 | 08 | .. | .. | .. | .. | .. | .. | .. | 12. | G 2 | G5 |
| 3385 | Pyxis | — | 4959 | .. | 11504 | 29.1 | −34 18 | 6.16 | .. | .. | .. | .. | .. | .. | 06 | 06 | .. | .. | .. | .. | .. | .. | .. | 13. | G 5 | K0 |
| 3386 | Vela | — | 1517 | .. | 11522 | 29.3 | −52 52 | 5.77 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | F 2 | 25 - Comp |
| 3387 | Cancer | 35 | 2118 | .. | .. | 29.6 | +19 56 | 6.55 | .. | .. | 05 | 10 | .. | .. | 05 | .. | 00 | .. | .. | .. | .. | .. | .. | .. | G | A G0 |
| 3388 | Vela | — | 4850 | .. | 11526 | 29.6 | −38 2 | 6.38 | .. | .. | .. | .. | .. | .. | 12 | 13 | .. | .. | .. | .. | .. | .. | .. | 6. | B | B3 |
| 3389 | Vela | — | 4610 | .. | 11533 | 29.9 | −38 30 | 5.95 | .. | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | .. | .. | .. | 4. | A | B8 |
| 3390 | Vela | — | 4300 | .. | 11547 | 30.2 | −46 38 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K | K2 |
| 3391 | U. Maj. | $\pi^1$ 3 | 643 | 1580 | .. | 30.3 | +65 22 | 5.69 | 04 | .. | .. | .. | .. | 04 | .. | .. | 49 | .. | .. | 13c | .. | .. | 07 | 18 | G 5 | G0 |
| 3392 | Hydra | — | 2014 | .. | .. | 30.3 | + 3 5 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06d | .. | .. | .. | .. | G 5 | K0 |
| 3393 | Cham. | — | 258 | 2529 | 11598 | 30.3 | −80 35 | 5.60 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | 10 | 18. | G 2 | K0 |
| 3394 | Cancer | — | 1851 | .. | .. | 30.5 | +15 39 | 6.28 | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | .. | 21b | .. | .. | .. | .. | F | A5 |
| 3395 | Hydra | — | 1997 | 1582 | .. | 30.5 | + 6 58 | 6.04 | 03 | .. | .. | .. | .. | 07 | 05 | .. | .. | .. | .. | 28b | .. | 15 | 14 | 14 | F 5 | F5 |
| 3396 | Hydra | | | | | 30.5 | + 6 58 | 7.15 | | | | | | | | | | | | 48c | | | | | | |
| 3397 | Pyxis | — | 5465 | .. | 11549 | 30.5 | −32 15 | 6.38 | .. | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | .. | .. | .. | 12. | G | G5 |
| 3398 | *Hydra* | 3 | 2540 | 1583 | 11543 | 30.6 | − 7 38 | 5.61 | 05 | .. | .. | .. | .. | 05 | .. | R | 09 | .. | .. | .. | .. | .. | 09 | 14 | A p | A2p |
| 3399 | Vela | — | 4873 | .. | 11556 | 30.7 | −37 16 | 6.19 | .. | .. | .. | .. | .. | .. | 21 | 21 | .. | .. | .. | .. | .. | .. | .. | 16. | Ma | K5 |
| 3400 | U. Maj. | — | 1268 | 1581 | .. | 30.9 | +45 53 | 5.74 | 15 | .. | .. | .. | .. | 08 | 06 | .. | .. | .. | 04 | 09c | .. | .. | 14 | 47 | F 8 | G5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



8h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3401 | U. Maj. | — | 1148 | .. | .. | 31.0 | +60 17 | 6.42 | .. | .. | 09 | .. | .. | .. | 08 | .. | .. | .. | .. | 29b | .. | .. | .. | 25 | A | A0 |
| 3402 | *Pyxis* | — | 6225 | 1586 | 11567 | 31.2 | −26 30 | 5.88 | 18 | .. | .. | 02 | .. | 02 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | 10. | A 2 | A2 |
| 3403 | U. Maj. | $\pi^2$ 4 | 698 | 1584 | .. | 31.5 | +64 40 | 4.76 | 03 | 01 | .. | .. | .. | 03 | 01 | .. | 41 | .. | 00 | 01d | .. | 07 | 16 | 86 | K | K0 |
| 3404 | Vela | — | 4519 | .. | 11577 | 31.5 | −39 37 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14. | F 5 | B0 |
| 3405 | U. Maj. | — | 1269 | .. | .. | 31.6 | +53 16 | 6.54 | .. | .. | .. | .. | .. | 01 | 00 | .. | .. | .. | .. | 08d | .. | .. | .. | 07 | K | K0 |
| 3406 | Cancer | c 36 | 1837 | 1587 | .. | 31.7 | +10 0 | 5.98 | 06 | .. | 04 | 01 | .. | 07 | .. | .. | 22 | .. | 14 | 09b | .. | .. | 21 | 30 | A | A0 |
| 3407 | Vela | C | 3646 | 2536 | 11583 | 31.7 | −49 36 | 4.87 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | 61 | .. | .. | 33 | .. | 12 | 24. | K | K0 |
| 3408 | U. Maj. | — | 1272 | 1585 | .. | 31.9 | +53 4 | 6.03 | 08 | .. | .. | .. | .. | 03 | 12 | .. | .. | .. | 07 | 06d | .. | .. | 03 | 34 | F 5 | K0 |
| 3409 | Cancer | 1 | 1728 | .. | .. | 32.0 | +33 9 | 6.09 | .. | .. | .. | 05 | .. | 02 | 06 | .. | 01 | .. | .. | 01c | .. | .. | .. | .. | K | K0 |
| 3410 | Hydra | $\delta$ 4 | 2001 | 1588 | .. | 32.4 | + 6 3 | 4.18 | 05 | .. | .. | 04 | .. | 10 | .. | .. | 08 | 15 | 05 | 20b | .. | .. | 22 | 04 | A | A0 |
| 3411 | Hydra | — | 2401 | .. | 11592 | 32.5 | − 4 35 | 6.21 | .. | .. | 09 | .. | .. | 02 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 3412 | Cancer | 37 | 1840 | .. | .. | 32.7 | + 9 56 | 6.48 | .. | .. | 01 | 06 | .. | .. | 06 | .. | 23 | .. | .. | 22b | .. | .. | .. | 49 | A | A0 |
| 3413 | Vela | — | 3417 | .. | 11614 | 32.8 | −50 37 | 5.96 | .. | .. | .. | .. | .. | .. | .. | A | .. | 24 | .. | .. | 36 | .. | .. | 1. | A | B9 |
| 3414 | Carina | $e^2$ | 1591 | 2543 | 11624 | 33.0 | −57 40 | 4.80 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | 06 | .. | .. | 25 | .. | 35 | 20. | K | K0 |
| 3415 | Carina | $e^1$ | 1590 | 2544 | 11622 | 33.0 | −57 53 | 5.40 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | 61 | .. | .. | 10 | .. | 00 | 2. | B 3 | B3 |
| 3416 | Hydra | — | 2669 | .. | 11617 | 33.4 | − 6 19 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A | A2 |
| 3417 | Volans | — | 713 | .. | 11663 | 33.4 | −73 1 | 6.02 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K | K0 |
| 3418 | Hydra | $\sigma$ 5 | 2026 | 1589 | .. | 33.5 | + 3 42 | 4.54 | 14 | .. | .. | .. | .. | 15 | .. | .. | 07 | 09 | 12 | 04d | .. | .. | 19 | 112 | K 5 | K0 |
| 3419 | Pyxis | — | 5257 | .. | 11628 | 33.5 | −33 23 | 6.50 | .. | .. | .. | .. | .. | .. | 05 | 06 | .. | .. | .. | .. | .. | .. | .. | 6. | A 8 | A5 |
| 3420 | *Pyxis* | $\eta$ | 6356 | 1590 | 11627 | 33.6 | −25 54 | 5.20 | 15 | .. | .. | 08 | .. | 22 | 11 | 18 | .. | .. | .. | .. | .. | .. | 20 | 12 | A | A0 |
| 3421 | Vela | — | 4574 | 2551 | 11640 | 33.7 | −39 48 | 6.43 | .. | .. | .. | .. | 12 | .. | 04 | 09 | .. | .. | .. | .. | .. | .. | .. | 15. | F 2 | G0 |
| 3422 | Lynx | 34 | 1422 | 1591 | .. | 34.1 | +46 11 | 5.52 | 05 | .. | .. | .. | .. | 05 | .. | .. | 23 | .. | 08 | 00c | .. | .. | 08 | 60 | G 5 | K0 |
| 3423 | Cancer | 4 | 1776 | .. | .. | 34.1 | +32 19 | 6.14 | .. | .. | .. | 17 | .. | 16 | .. | .. | 06 | .. | .. | 38a | .. | .. | .. | 28 | A | F2 |
| 3424 | Cancer | — | 2099 | .. | .. | 34.1 | + 8 22 | 6.49 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17c | .. | .. | .. | .. | K p | K0 |
| 3425 | Pyxis | — | 2489 | .. | 11646 | 34.1 | −19 23 | 6.53 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 12. | K | K5 |
| 3426 | Vela | e | 4451 | 2554 | 11653 | 34.2 | −42 38 | 4.13 | .. | .. | .. | .. | 05 | 06 | 04 | 08 | .. | 41 | .. | .. | 22 | .. | 09 | 11. | A 5 | A5 |
| 3427 | Cancer | 39 | 2158 | .. | .. | 34.4 | +20 22 | 6.48 | .. | .. | .. | A | .. | .. | .. | .. | 08 | .. | .. | 06c | .. | .. | .. | R | A | K0 |
| 3428 | Cancer | — | 2166 | .. | .. | 34.6 | +20 1 | 6.40 | .. | .. | 10 | .. | .. | .. | 09 | .. | .. | .. | .. | 30c | .. | .. | .. | .. | A 5 p | G5 |
| 3429 | Cancer | $\varepsilon$ 41 | 2171 | 1592 | .. | 34.7 | +19 54 | 6.32 | R | .. | 07 | 10 | .. | R | 04 | .. | 08 | .. | .. | 24b | .. | .. | R | 01 | A | A2 |
| 3430 | *Pyxis* | — | 2345 | 1593 | 11669 | 34.8 | −22 19 | 5.13 | 02 | .. | .. | 04 | .. | 09 | 00 | 06 | .. | .. | .. | .. | .. | .. | 02 | 58 | K | G5 |
| 3431 | Hydra | a 6 | 2420 | 1594 | 11678 | 35.3 | −12 7 | 5.15 | 04 | .. | .. | .. | .. | 11 | 12 | 05 | 45 | .. | .. | .. | .. | .. | 07 | 78 | K | K2 |
| 3432 | Carina | — | 1058 | 2567 | 11711 | 35.5 | −62 30 | 5.38 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | 07 | .. | 27 | 18. | G 2 | G5 |
| 3433 | *Pyxis* | $\zeta$ | 6544 | 1595 | 11696 | 35.6 | −29 12 | 5.04 | 11 | .. | .. | 01 | .. | 09 | .. | 04 | .. | .. | .. | .. | .. | .. | 12 | 23. | G 2 | G5 |
| 3434 | Pyxis | — | 4872 | .. | 11698 | 35.6 | −36 15 | 6.06 | .. | .. | .. | .. | .. | .. | 01 | 02 | .. | .. | .. | .. | .. | .. | .. | 12. | F | F0 |
| 3435 | Vela | — | 1565 | 2568 | 11712 | 35.9 | −52 44 | 6.48 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 23 | 5. | A | B9 |
| 3436 | Lynx | — | 1606 | .. | .. | 36.1 | +47 16 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13c | .. | .. | .. | 30 | G p | G5 |
| 3437 | Hydra | — | 2452 | .. | 11705 | 36.2 | − 8 42 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 27 | A | A0 |
| 3438 | Pyxis | $\beta$ | 5128 | 2572 | 11714 | 36.2 | −34 57 | 4.04 | .. | 10 | .. | .. | 12 | 00 | 06 | 03 | .. | 21 | .. | .. | 26 | .. | 14 | 14. | G 5 | G5 |
| 3439 | Vela | — | 4653 | 2575 | 11727 | 36.6 | −39 54 | 5.17 | .. | 07 | .. | .. | 16 | 14 | 02 | 05 | .. | .. | .. | .. | .. | .. | 03 | 1. | A | B9 |
| 3440 | Vela | — | 1796 | 2576 | 11733 | 36.6 | −53 5 | 5.60 | .. | .. | .. | .. | 04 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | 06 | 1. | B 5 | B5 |
| 3441 | Hydra | 9 | 2554 | 1596 | 11736 | 37.1 | −15 35 | 4.98 | 04 | .. | 01 | .. | .. | 03 | R | 07 | 38 | .. | .. | .. | .. | .. | 04 | 87 | K | K0 |
| 3442 | Vela | — | 1579 | 2577 | 11751 | 37.1 | −52 42 | 5.38 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | 04 | 2. | B 5 | B5 |
| 3443 | Carina | — | 1075 | 2579 | 11759 | 37.1 | −59 58 | 6.40 | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4. | A | A0 |
| 3444 | Vela | — | 4679 | 2580 | 11750 | 37.2 | −44 50 | 5.74 | .. | .. | .. | .. | 12 | 38 | .. | 27 | .. | .. | .. | .. | .. | .. | .. | 20. | K 5 | K5 |
| 3445 | Vela | b | 4438 | 2582 | 11755 | 37.3 | −46 18 | 4.06 | .. | .. | .. | .. | 35 | 06 | 54 | 26 | .. | 15 | .. | .. | 16 | .. | 21 | 15. | F 5 p | F5p |
| 3446 | Hydra | — | 2432 | .. | 11743 | 37.4 | −11 36 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A | A2 |
| 3447 | Vela | $\sigma$ | 1583 | 2583 | 11760 | 37.4 | −52 34 | 3.68 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | 21 | .. | .. | 02 | .. | 02 | 4. | B 3 | B3 |
| 3448 | Vela | — | 1584 | .. | 11761 | 37.4 | −52 39 | 5.73 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 06 | 7. | A | B5 |
| 3449 | Cancer | $\gamma$ 43 | 1895 | 1597 | .. | 37.5 | +21 50 | 4.73 | 02 | .. | .. | .. | .. | 03 | 06 | .. | 22 | .. | 16 | 17a | .. | .. | 02 | 06 | A | A0 |
| 3450 | Cancer | $A^1$45 | 1972 | 1598 | .. | 37.7 | +13 3 | 5.67 | 11 | .. | .. | 13 | .. | 16 | 19 | .. | 17 | .. | 00 | 15b | .. | .. | 13 | 21 | A | A3 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**8h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3451 | Lynx | — | 1899 | .. | .. | 37.8 | +37 17 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 44b | .. | .. | .. | 11 | A | F2 |
| 3452 | Vela | n | 4448 | 2584 | 11770 | 37.9 | −46 57 | 4.85 | .. | .. | .. | .. | 04 | R | .. | 04 | .. | 08 | .. | .. | .. | .. | 03 | 12. | A 3 | A3 |
| 3453 | Vela | — | 4020 | .. | 11771 | 37.9 | −48 34 | 6.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | 53 | .. | .. | .. | .. | .. | 2. | B | B5 |
| 3454 | Hydra | η 7 | 2039 | 1599 | .. | 38.0 | + 3 46 | 4.32 | 15 | .. | .. | 11 | .. | 04 | .. | .. | 05 | 07 | 10 | 25b | .. | .. | 12 | 13 | B 3 | B3 |
| 3455 | Carina | — | 1644 | .. | 11785 | 38.3 | −57 11 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | A | A2 |
| 3456 | Vela | — | 4704 | 2589 | 11786 | 38.5 | −45 3 | 5.23 | .. | .. | .. | .. | 02 | 14 | 29 | 13 | .. | .. | .. | .. | 12 | .. | 02 | 8. | B 5 | B5 |
| 3457 | Carina | d | 1080 | 2590 | 11790 | 38.5 | −59 24 | 4.42 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | 09 | .. | .. | 13 | .. | 08 | 0. | B 2 | B2 |
| 3458 | Hydra | — | 2029 | .. | .. | 38.7 | + 4 42 | 6.33 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 33a | .. | .. | .. | 29 | A | B8 |
| 3459 | *Hydra* | F 31 | 2708 | 1600 | 11784 | 38.7 | − 6 52 | 4.70 | 07 | .. | .. | .. | .. | 13 | 11 | 16 | 10 | .. | 10 | .. | .. | .. | 05 | 69 | G | G0 |
| 3460 | Volans | θ | 946 | 2592 | 11810 | 38.7 | −70 1 | 5.26 | .. | .. | .. | .. | 04 | .. | .. | 05 | .. | 32 | .. | .. | 11 | .. | 06 | 2. | A | A0 |
| 3461 | Cancer | δ 47 | 2027 | 1602 | .. | 39.0 | +18 31 | 4.17 | 10 | .. | .. | 02 | .. | 07 | .. | .. | 15 | .. | 10 | 13c | .. | .. | 13 | 109 | K | K0 |
| 3462 | Vela | — | 4251 | 2595 | 11797 | 39.0 | −47 44 | 5.48 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | 18 | .. | .. | .. | .. | 02 | 7. | B 3 | B3 |
| 3463 | Pyxis | — | 4976 | .. | 11793 | 39.1 | −35 35 | 6.36 | .. | .. | .. | .. | .. | .. | 02 | 03 | .. | .. | .. | .. | .. | .. | .. | 9. | A | A0 |
| 3464 | Cancer | 46 | 1876 | .. | .. | 39.2 | +31 4 | 6.14 | .. | .. | .. | 07 | .. | 01 | 07 | .. | 09 | .. | .. | 16c | .. | .. | .. | 34 | G | K0 |
| 3465 | Cancer | b 49 | 1864 | 1603 | .. | 39.4 | +10 27 | 5.58 | 08 | .. | .. | 02 | .. | 05 | .. | .. | 02 | .. | 16 | 18b | .. | .. | 28 | 12 | A p | A0p |
| 3466 | Vela | — | 1605 | 2599 | 11814 | 39.4 | −52 44 | 5.68 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | 99 | .. | .. | .. | .. | .. | 11. | B 9 | B9 |
| 3467 | Vela | — | 1607 | 2600 | 11817 | 39.5 | −52 45 | 5.04 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | 2. | B 5 | B5 |
| 3468 | Pyxis | α | 5651 | 2602 | 11806 | 39.6 | −32 50 | 3.70 | 15 | 01 | .. | .. | 02 | 00 | 02 | 15 | .. | 24 | .. | .. | 05 | .. | 05 | 4. | B 2 | B2 |
| 3469 | Hydra | 10 | 2030 | .. | .. | 39.7 | + 6 3 | 6.00 | .. | .. | .. | .. | .. | .. | A | .. | 40 | .. | .. | 38a | .. | .. | .. | 16 | A | A2 |
| 3470 | U. Maj. | — | 560 | 1601 | .. | 39.8 | +67 5 | 6.15 | 14 | .. | .. | .. | .. | 01 | 12 | .. | .. | .. | 10 | 31b | .. | .. | 05 | 46 | A | B8 |
| 3471 | Carina | — | 1688 | 2605 | 11826 | 39.8 | −55 25 | 6.14 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | 16. | K | K0 |
| 3472 | Hydra | — | 2676 | .. | 11824 | 40.3 | − 2 14 | 6.17 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F 2 | F5 |
| 3473 | Pyxis | — | 2667 | .. | 11833 | 40.4 | −20 48 | 6.13 | .. | .. | 11 | .. | .. | 03 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | 3. | A 2 | A2 |
| 3474 | Cancer | ι 48 | 1824 | 1605 | .. | 40.6 | +29 8 | 6.61 | 07 | .. | .. | .. | .. | 04 | 04 | .. | 24 | .. | 15 | 62a | .. | .. | 09 | 76 | G 5 | A5 G5 |
| 3475 | Cancer | | | | | 40.6 | +29 8 | 4.20 | | | | | | | | | | | | 03d | | | | | | |
| 3476 | Vela | D | 3761 | 2613 | 11849 | 40.6 | −49 27 | 5.19 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | 05 | .. | .. | .. | .. | 07 | 3. | A | B2 |
| 3477 | Vela | d | 4569 | 2614 | 11852 | 40.8 | −42 17 | 4.12 | .. | .. | .. | .. | 14 | 14 | 06 | 05 | .. | 41 | .. | .. | 08 | .. | 27 | 25. | G 5 | G5 |
| 3478 | Hydra | — | 2125 | 1606 | 11847 | 41.0 | − 1 41 | 5.82 | 15 | .. | .. | .. | .. | 06 | 09 | .. | .. | .. | .. | .. | .. | .. | 16 | .. | K p | K0 |
| 3479 | Pyxis | — | 4980 | .. | 11856 | 41.1 | −36 47 | 5.76 | .. | .. | .. | .. | .. | .. | 15 | 14 | .. | .. | .. | .. | .. | .. | .. | 6. | A | B8 |
| 3480 | Hydra | — | 2634 | .. | 11859 | 41.4 | −10 39 | 6.47 | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K 5 | K5 |
| 3481 | Cancer | A²50 | 1904 | 1607 | .. | 41.5 | +12 28 | 5.71 | 09 | .. | .. | .. | .. | 05 | 03 | .. | 19 | .. | 34 | 43b | .. | .. | 09 | 14 | A | A0 |
| 3482 | Hydra | ε 11 | 2036 | 1608 | .. | 41.5 | + 6 47 | 3.48 | 10 | .. | .. | 03 | .. | 05 | 00 | .. | 10 | 01 | 07 | 09c | .. | .. | 10 | 83 | F 8 | F8 |
| 3483 | *Pyxis* | — | 7377 | 1609 | 11864 | 41.5 | −25 1 | 6.01 | 24 | .. | .. | 07 | 22 | 07 | 01 | .. | .. | .. | .. | .. | .. | .. | 26 | 26 | K | A0 |
| 3484 | Hydra | D 12 | 2673 | 1610 | 11866 | 41.7 | −13 11 | 4.44 | 06 | .. | .. | .. | .. | 00 | .. | 05 | 04 | 18 | .. | .. | .. | .. | 06 | 103 | G 5 | G5 |
| 3485 | Vela | δ | 1788 | 2623 | 11887 | 41.9 | −54 21 | 2.01 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 15 | .. | .. | 16 | .. | 01 | 15. | A | A0 |
| 3486 | Hydra | — | 2130 | 1611 | 11876 | 42.2 | − 1 31 | 5.22 | 08 | .. | .. | .. | .. | 02 | 10 | 18 | .. | .. | 07 | .. | .. | .. | 30 | 06 | A | A0 |
| 3487 | Vela | a | 4517 | 2629 | 11900 | 42.6 | −45 40 | 4.09 | .. | .. | .. | .. | 08 | 06 | 06 | 04 | .. | 11 | .. | .. | 19 | .. | 01 | 7. | A | A0 |
| 3488 | Vela | — | 4602 | .. | 11901 | 42.7 | −40 45 | 6.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | A | A0 |
| 3489 | Carina | — | 1202 | .. | 11911 | 42.7 | −58 21 | 6.30 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 45 | .. | .. | 3. | A | B8 |
| 3490 | Pyxis | — | 5243 | .. | 11902 | 42.9 | −34 15 | 6.38 | .. | .. | .. | .. | .. | .. | 18 | 18 | .. | .. | .. | .. | .. | .. | .. | 9. | A | B3 |
| 3491 | Volans | — | 990 | .. | 11930 | 42.9 | −67 50 | 6.21 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 19. | K | K2 |
| 3492 | Hydra | ρ 13 | 2040 | 1613 | .. | 43.1 | + 6 13 | 4.42 | 11 | .. | .. | 26 | .. | 15 | .. | .. | 08 | .. | 24 | 24b | .. | .. | 07 | 04 | A | A0 |
| 3493 | Hydra | — | 2727 | .. | 11903 | 43.1 | − 6 11 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | K0 |
| 3494 | Vela | — | 4526 | 2633 | 11917 | 43.1 | −45 32 | 5.54 | .. | .. | .. | .. | 04 | 04 | R | 00 | .. | .. | .. | .. | .. | .. | 01 | 10. | B 5 | B5 |
| 3495 | Volans | — | 1013 | .. | 11932 | 43.2 | −65 27 | 6.02 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 47 | .. | .. | 5. | A 5 | A2 |
| 3496 | Vela | — | 4541 | .. | 11945 | 43.9 | −45 48 | 5.83 | .. | .. | .. | .. | .. | R | .. | A | .. | .. | .. | .. | .. | .. | .. | 23. | F | F0p |
| 3497 | Vela | — | 4507 | .. | 11947 | 44.0 | −41 22 | 6.48 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | F 5 | G0 |
| 3498 | Carina | f | 1865 | 2639 | 11956 | 44.1 | −56 25 | 4.63 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | 09 | .. | .. | 07 | .. | 03 | 1. | B 3 | B3 |
| 3499 | Cancer | 5 | 1765 | .. | .. | 44.3 | +33 41 | 6.22 | .. | .. | .. | 05 | .. | 01 | 03 | .. | 32 | .. | .. | 28c | .. | .. | .. | 18 | A | F8 |
| 3500 | Hydra | 14 | 2699 | 1614 | 11946 | 44.3 | − 3 4 | 5.19 | 06 | .. | .. | .. | .. | 00 | 05 | .. | 29 | .. | 12 | .. | .. | .. | 23 | 06 | B 9 | B9 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



$8^h$

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3501 | Vela | — | *4516* | .. | 11960 | 44.5 | −42 6 | 6.22 | .. | .. | .. | .. | .. | .. | *20* | 19 | .. | .. | .. | .. | .. | .. | .. | 12. | A | B8 |
| 3502 | Cham. | η | 372 | *2645* | 12016 | 44.7 | −78 37 | 5.62 | .. | .. | .. | .. | 06 | .. | .. | *05* | .. | .. | .. | .. | *32* | .. | *18* | 2. | K | B9 |
| 3503 | Vela | — | 1675 | .. | 11975 | 45.0 | −52 29 | 6.37 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | A | B9 |
| 3504 | Cancer | — | 2110 | .. | .. | 45.1 | +19 13 | 6.14 | .. | .. | 01 | .. | .. | *01* | .. | .. | .. | .. | .. | 60b | .. | .. | .. | *13* | A | A0 |
| 3505 | U. Maj. | b 5 | 1027 | 1615 | .. | 45.2 | +62 20 | 5.72 | *14* | .. | .. | .. | .. | *05* | 20 | .. | *27* | .. | *15* | 23b | .. | .. | *02* | 01 | A | F0 |
| 3506 | U. Maj. | — | 1198 | .. | .. | 45.2 | +59 26 | 6.08 | .. | .. | *32* | .. | .. | 32 | .. | .. | .. | .. | .. | 48c | .. | .. | .. | *12* | F | F0 |
| 3507 | Pyxis | — | 2693 | .. | 11969 | 45.2 | −20 41 | 6.42 | .. | .. | *05* | .. | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 7. | A 2 | A3 |
| 3508 | Lynx | 35 | 1794 | 1616 | .. | 45.3 | +44 6 | 5.24 | *07* | .. | .. | .. | .. | 08 | .. | .. | 09 | .. | 17 | 06d | .. | .. | 01 | 54 | G | G5 |
| 3509 | Lynx | — | 1649 | .. | .. | 45.4 | +45 41 | 6.08 | .. | .. | *21* | .. | .. | 15 | 05 | .. | .. | .. | .. | 01d | .. | .. | .. | 41 | G 5 | K0 |
| 3510 | Cancer | 54 | 1917 | .. | .. | 45.4 | +15 43 | 6.29 | .. | .. | *08* | .. | .. | 08 | .. | .. | *07* | .. | .. | 27b | .. | .. | .. | .. | F | B0 |
| 3511 | Lynx | — | 1935 | .. | .. | 45.6 | +42 23 | 6.14 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *08*d | .. | .. | .. | *03* | K | K0 |
| 3512 | Pyxis | — | 5770 | *2652* | 11988 | 45.8 | −32 25 | 5.23 | .. | 07 | .. | .. | *06* | 03 | 01 | *06* | .. | .. | .. | .. | 87 | .. | 02 | 20. | G 2 | G5 |
| 3513 | *Pyxis* | — | *6600* | 1618 | 11990 | 45.9 | −29 5 | 5.98 | *05* | .. | .. | 12 | .. | *08* | 00 | .. | .. | .. | .. | .. | .. | .. | *13* | 20. | G 5 | G5 |
| 3514 | Vela | — | 4838 | *2654* | 11994 | 45.9 | −39 57 | 5.41 | .. | *09* | .. | .. | 09 | *09* | 00 | 06 | .. | 20 | .. | .. | .. | .. | *03* | 6. | A 2 | A2 |
| 3515 | Cancer | — | 1926 | 1617 | .. | 46.0 | +12 10 | 5.63 | A | .. | .. | .. | .. | R | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | R | |
| 3516 | *Pyxis* | — | 6610 | 1620 | 11998 | 46.1 | −28 14 | 5.99 | *15* | .. | .. | 08 | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | *09* | 6. | A | B9 |
| 3517 | Vela | — | 4925 | .. | 12002 | 46.1 | −38 47 | 6.30 | .. | .. | .. | .. | .. | .. | *07* | 06 | .. | .. | .. | .. | .. | .. | .. | 9. | A 2 | A2 |
| 3518 | *Pyxis* | γ | 5986 | 1621 | 12006 | 46.3 | −27 21 | 4.19 | 14 | .. | .. | *02* | .. | *04* | .. | *07* | .. | 17 | .. | .. | .. | .. | *04* | 125 | K 2 | K2 |
| 3519 | Cancer | $\sigma^1$ 51 | *1770* | 1619 | .. | 46.4 | +32 51 | 5.75 | *08* | .. | .. | .. | .. | 08 | .. | .. | *25* | .. | *08* | 21b | .. | .. | *05* | *08* | A 3 | A3 |
| 3520 | Vela | g | 4861 | *2659* | 12013 | 46.4 | −44 57 | 5.02 | .. | .. | .. | .. | *08* | 14 | *09* | 05 | .. | 08 | .. | .. | 03 | .. | *12* | 8. | A 2 | A2 |
| 3521 | Cancer | 53 | 1659 | .. | .. | 46.5 | +28 38 | 6.31 | .. | .. | .. | A | .. | .. | .. | .. | *21* | .. | .. | 13c | .. | .. | .. | 55 | Mb | Ma |
| 3522 | Cancer | $\rho^1$ 55 | 1660 | 1622 | .. | 46.6 | +28 43 | 6.06 | 10 | .. | .. | .. | .. | *06* | *04* | .. | 01 | .. | *14* | 13c | .. | .. | 09 | 05 | K 5 | K0 |
| 3523 | Hydra | 15 | 2743 | 1623 | 12012 | 46.6 | − 6 49 | 5.60 | *11* | .. | .. | .. | .. | *06* | .. | 16 | 00 | .. | *08* | .. | .. | .. | *15* | *15* | A 2 | A2 |
| 3524 | Cham. | — | 378 | .. | 12065 | 46.6 | −78 43 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *52* | .. | .. | 6. | A 5 | A5 |
| 3525 | Vela | — | 4560 | .. | 12024 | 46.7 | −41 43 | 6.10 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | A | B2 |
| 3526 | Hydra | — | 2074 | .. | .. | 47.1 | + 5 42 | 6.16 | .. | .. | .. | *05* | .. | 05 | 01 | .. | .. | .. | .. | 45b | .. | .. | .. | *30* | A | A3 |
| 3527 | Vela | f | 4661 | *2670* | 12035 | 47.1 | −46 10 | 4.89 | .. | .. | .. | .. | 34 | *61* | .. | 28 | .. | 21 | .. | .. | .. | .. | 26 | 4. | B | B0 |
| 3528 | Lynx | — | *1883* | .. | .. | 47.7 | +35 56 | 6.02 | .. | .. | .. | .. | .. | *05* | 05 | .. | .. | .. | .. | 49a | .. | .. | .. | *21* | A | A2 |
| 3529 | Hydra | — | 2716 | .. | 12042 | 47.8 | −12 51 | 6.25 | .. | .. | .. | .. | .. | 09 | *09* | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | K0 |
| 3530 | Vela | — | 4723 | .. | 12049 | 47.8 | −42 8 | 6.30 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | A | A2 |
| 3531 | U. Maj. | 6 | *673* | 1624 | .. | 48.1 | +64 59 | 5.62 | *04* | .. | *17* | .. | .. | 02 | 19 | .. | 08 | .. | 09 | 08c | .. | .. | 00 | 41 | F 8 | G5 |
| 3532 | Cancer | 57 | *1907* | 1625 | .. | 48.1 | +30 57 | 5.60 | *08* | .. | .. | 20 | .. | 00 | *11* | .. | *03* | .. | 00 | *02*d | .. | .. | 05 | 38 | G 5 | K0 |
| 3533 | Pyxis | — | 5814 | .. | 12062 | 48.3 | −32 8 | 6.50 | .. | .. | .. | .. | .. | .. | 17 | *16* | .. | .. | .. | .. | .. | .. | .. | 15. | K | K2 |
| 3534 | Pyxis | R | 5125 | .. | 12072 | 48.8 | −36 10 | 6.54 | .. | .. | .. | .. | .. | .. | *22* | 22 | .. | .. | .. | .. | .. | .. | .. | 6. | F 2 | F5 |
| 3535 | Vela | — | 4980 | .. | 12079 | 49.0 | −38 21 | 5.82 | .. | .. | .. | .. | .. | .. | 19 | *20* | .. | .. | .. | .. | .. | .. | .. | 16. | K 5 | A3 Comp |
| 3536 | Carina | — | 1759 | *2682* | 12090 | 49.0 | −57 16 | 5.70 | .. | .. | .. | .. | 03 | .. | .. | *03* | .. | .. | .. | .. | *30* | .. | 00 | 7. | A | Ma B8 |
| 3537 | Volans | — | 927 | *2683* | 12101 | 49.2 | −66 26 | 5.41 | .. | .. | .. | .. | *02* | .. | .. | 02 | .. | .. | .. | .. | 09 | .. | *06* | 5. | F 2 | B8 F5 |
| 3538 | Hydra | — | *2490* | .. | 12082 | 49.3 | − 5 4 | 6.01 | .. | .. | 01 | .. | .. | *01* | .. | .. | .. | .. | .. | .. | .. | .. | .. | 07 | G | G0 |
| 3539 | Vela | — | 4460 | .. | 12093 | 49.3 | −47 59 | 6.11 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | B 8 | B3 |
| 3540 | Cancer | $\rho^2$ 58 | 1666 | 1626 | .. | 49.7 | +28 19 | 5.25 | *06* | .. | .. | .. | .. | *02* | 09 | .. | 03 | .. | 10 | 22c | .. | .. | 07 | 76 | G 5 | G5 |
| 3541 | Cancer | X | 1973 | .. | .. | 49.7 | +17 37 | var. | .. | .. | .. | v | .. | .. | .. | .. | .. | .. | .. | vf | .. | .. | .. | v | N | N |
| 3542 | Vela | — | 3303 | .. | 12102 | 49.7 | −51 45 | 6.48 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | A | A0 |
| 3543 | Cham. | — | 352 | .. | 12139 | 49.7 | −79 8 | 5.76 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 14 | .. | 02 | 19. | K | K2 |
| 3544 | Volans | — | 747 | .. | 12127 | 49.9 | −72 11 | 6.09 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | A 8 | A2 |
| 3545 | Lynx | — | 1459 | 1628 | .. | 50.1 | +46 1 | 5.92 | *02* | .. | .. | .. | .. | 01 | 00 | .. | .. | .. | 18 | 02d | .. | .. | *17* | 33 | G 5 | K0 |
| 3546 | Lynx | — | 2125 | 1627 | .. | 50.1 | +40 35 | 5.88 | *04* | .. | .. | .. | .. | *08* | 11 | .. | .. | .. | .. | 23c | .. | .. | .. | 09 | F | F2 |
| 3547 | Hydra | ζ 16 | 2060 | 1629 | .. | 50.1 | + 6 20 | 3.30 | 03 | .. | .. | .. | .. | *02* | 00 | .. | 05 | *20* | 12 | 04c | .. | .. | *25* | 112 | K | K0 |
| 3548 | Vela | — | *4924* | *2691* | 12111 | 50.1 | −40 4 | 6.46 | .. | .. | .. | .. | *11* | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | 9. | K | |
| 3549 | Carina | — | 1918 | .. | 12125 | 50.4 | −56 17 | 6.03 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | A | B9 |
| 3550 | Cancer | 60 | 1941 | 1630 | .. | 50.5 | +12 0 | 5.70 | 00 | .. | .. | 10 | .. | *11* | .. | .. | *10* | .. | .. | *01*d | .. | .. | 00 | .. | K 5 | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**8h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3551 | Vela | — | 4480 | *2695* | 12122 | 50.5 | −47 9 | 5.32 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | *06* | .. | .. | .. | .. | 00 | 11. | F | $A_5$ |
| 3552 | Hydra | — | 2661 | .. | 12115 | 50.6 | − 7 36 | 6.91 | .. | .. | .. | 03 | .. | *03* | .. | .. | 07 | R | .. | .. | .. | 13 | .. | *71* | A 3 | $A_3$ |
| 3553 | Hydra | 17 | | | 12116 | 50.6 | − 7 36 | 6.67 | | | | | | | | | | | | | | | | | | |
| 3554 | Hydra | — | 2691 | .. | 12119 | 50.6 | −17 51 | 5.90 | .. | .. | .. | 09 | .. | *07* | *02* | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 p | $K_0$ |
| 3555 | Cancer | $\sigma^2$ 59 | 1785 | 1631 | .. | 50.8 | +33 18 | 5.48 | 06 | .. | .. | .. | .. | *21* | 14 | .. | 12 | .. | *03* | 20b | .. | .. | 37 | *17* | A 3 | $A_3$ |
| 3556 | *Pyxis* | $\delta$ | 6072 | 1633 | 12132 | 51.3 | −27 18 | 4.87 | *07* | .. | .. | 03 | .. | *19* | *02* | 24 | .. | *20* | .. | .. | .. | .. | *02* | 32 | A | $A_2$ |
| 3557 | Hydra | — | 2081 | .. | .. | 51.4 | + 4 37 | 6.36 | .. | .. | 04 | .. | .. | .. | *04* | .. | .. | .. | .. | *10*b | .. | .. | .. | *27* | G | $G_5$ |
| 3558 | Cancer | — | 1979 | .. | .. | 51.5 | +17 32 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 11b | .. | .. | .. | .. | G 5 | $K_0$ |
| 3559 | Pyxis | — | 7902 | .. | 12138 | 51.5 | −23 27 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *63* | A | $A_3$ |
| 3560 | Carina | — | 1174 | *2702* | 12149 | 51.6 | −59 59 | 5.98 | .. | .. | .. | .. | *02* | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | *2*. | B 3 | $B_3$ |
| 3561 | Cancer | $o$ 62 | 1945 | 1634 | .. | 51.7 | +15 43 | 5.16 | 05 | .. | .. | .. | .. | *06* | .. | .. | 19 | .. | 37 | 32b | .. | .. | 16 | 07 | A 3 | $A_3$ |
| 3562 | Vela | — | 4951 | .. | 12148 | 51.8 | −44 40 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | A | $B_3$ |
| 3563 | Cancer | 61 | 1795 | .. | .. | 51.9 | +30 38 | 6.20 | .. | .. | *01* | .. | .. | 02 | .. | .. | 10 | .. | .. | 28b | .. | .. | .. | *12* | F 2 | $F_5$ |
| 3564 | Hydra | — | 2639 | .. | 12145 | 51.9 | −16 19 | 6.15 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | $K_0$ |
| 3565 | Cancer | 63 | *1864* | 1635 | .. | 52.0 | +15 58 | 5.64 | *07* | .. | .. | .. | .. | 06 | .. | .. | *14* | .. | 04 | 28b | .. | .. | 11 | 07 | A 5 | $A_5$ |
| 3566 | Lynx | — | 1889 | .. | .. | 52.1 | +36 12 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 58b | .. | .. | .. | *45* | A | $A_0$ |
| 3567 | Cancer | — | 2093 | 1637 | .. | 52.3 | + 9 46 | 6.32 | 00 | .. | 05 | 03 | .. | *06* | .. | .. | .. | .. | .. | 10d | .. | .. | *07* | *16* | G | $K_0$ |
| 3568 | Carina | — | 1790 | .. | 12165 | 52.3 | −57 52 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *57* | .. | .. | 8. | A | $B_5$ |
| 3569 | U. Maj. | $\iota$ 9 | 1707 | 1636 | .. | 52.4 | +48 26 | 3.12 | 05 | .. | .. | .. | .. | *05* | .. | .. | *22* | .. | 11 | 28b | .. | .. | 08 | R | A 5 | $A_5$ |
| 3570 | Vela | — | 1925 | .. | 12162 | 52.4 | −54 35 | 5.72 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | F 2 | $F_5$ |
| 3571 | Carina | c | 1243 | *2706* | 12175 | 52.8 | −60 16 | 3.98 | .. | .. | .. | .. | *03* | .. | .. | 03 | .. | 27 | .. | .. | 17 | .. | 02 | 3. | B 8 | $B_8$ |
| 3572 | Cancer | $\alpha$ 65 | 1948 | 1639 | .. | 53.0 | +12 15 | 4.27 | *01* | .. | .. | 14 | .. | *14* | .. | .. | *07* | .. | 09 | 29b | .. | .. | 03 | 18 | A 5 | $A_3$ |
| 3573 | Hydra | — | *2112* | .. | .. | 53.0 | + 1 55 | 6.50 | .. | .. | .. | .. | .. | *03* | 02 | .. | .. | .. | .. | 27b | .. | .. | .. | *68* | A | $A_0$ |
| 3574 | Vela | H | 1788 | *2707* | 12180 | 53.3 | −52 21 | 4.77 | .. | .. | .. | .. | *06* | .. | .. | 06 | .. | 11 | .. | .. | .. | .. | *07* | 3. | B 5 | $B_5$ |
| 3575 | Cancer | $\sigma^3$ 64 | 1821 | 1640 | .. | 53.4 | +32 49 | 5.64 | 10 | .. | .. | .. | .. | *07* | *04* | .. | 01 | .. | *13* | *23*c | .. | .. | *06* | 30 | K | $G_5$ |
| 3576 | U. Maj. | $\rho$ 8 | 551 | 1638 | .. | 53.5 | +68 1 | 4.99 | 05 | 03 | .. | .. | .. | *05* | *03* | .. | 01 | .. | 00 | *03*d | .. | *21* | *19* | 92 | Ma | Ma |
| 3577 | Cancer | — | 2093 | .. | .. | 53.5 | +18 32 | 6.57 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *13*d | .. | .. | .. | 39 | Ma | Mb |
| 3578 | Hydra | — | 2656 | 1642 | 12192 | 54.1 | −15 45 | 5.92 | 00 | .. | *03* | .. | .. | *03* | 05 | .. | .. | .. | .. | .. | .. | .. | *07* | *32* | F 8 | $G_0$ |
| 3579 | U. Maj. | 10 | 1956 | 1641 | .. | 54.2 | +42 11 | 4.09 | 10 | .. | .. | 01 | .. | *07* | *05* | .. | 11 | .. | 01 | 03b | .. | .. | 06 | 35 | F 5 | $F_5$ |
| 3580 | U. Maj. | — | 1986 | .. | .. | 54.2 | +38 0 | 6.54 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *14*d | .. | .. | .. | *11* | K | $K_5$ |
| 3581 | Camel. | — | 196 | 1632 | .. | 54.5 | +84 35 | 6.26 | *05* | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | *11* | 22b | .. | .. | *16* | 03 | F | $F_0$ |
| 3582 | Carina | $b^1$ | 1301 | *2717* | 12221 | 54.5 | −58 51 | 5.08 | .. | .. | .. | .. | 01 | .. | .. | *01* | .. | 20 | .. | .. | *38* | .. | 02 | *3*. | B 3 | $B_3$ |
| 3583 | Vela | — | 4282 | .. | 12217 | 54.6 | −48 11 | 58.6 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K | $K_0$ |
| 3584 | Hydra | — | 2536 | .. | 12222 | 55.1 | −18 49 | 6.26 | .. | .. | .. | 01 | .. | 03 | *03* | .. | .. | .. | .. | .. | .. | .. | .. | *54* | F | $F_8$ |
| 3585 | Pyxis | — | 6793 | .. | 12223 | 55.1 | −28 25 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11. | K p | $G_5$ |
| 3586 | U. Maj. | — | 2138 | .. | .. | 55.2 | +40 6 | 6.21 | .. | .. | *09* | .. | .. | 09 | .. | .. | .. | .. | .. | 36b | .. | .. | .. | *11* | F | $F_0$ |
| 3587 | Cancer | 66 | 1829 | .. | .. | 55.3 | +32 39 | 5.83 | .. | .. | .. | *16* | .. | 09 | 06 | .. | *03* | .. | .. | 36a | .. | 04 | .. | *12* | A | $A_2$ |
| 3588 | Vela | — | 4810 | *2727* | 12235 | 55.5 | −46 51 | 5.22 | .. | .. | .. | .. | *01* | .. | .. | 02 | .. | 04 | .. | .. | .. | .. | *07* | 10. | F | $F_0$ |
| 3589 | Cancer | 67 | 1674 | 1643 | .. | 55.9 | +28 18 | 5.95 | *12* | .. | .. | .. | .. | 12 | .. | .. | *05* | .. | 12 | 40b | .. | .. | *15* | 03 | A | $A_5$ |
| 3590 | Hydra | — | 2087 | .. | .. | 56.3 | + 6 2 | 6.31 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 01d | .. | .. | .. | .. | G | $K_0$ |
| 3591 | Vela | w | 4810 | *2729* | 12253 | 56.3 | −40 52 | 4.42 | .. | .. | .. | .. | *05* | 05 | 06 | *05* | .. | 84 | .. | .. | .. | .. | 18 | 9. | F 8 | $F_8$ |
| 3592 | U. Maj. | — | 1272 | 1644 | .. | 56.7 | +54 41 | 5.68 | *05* | .. | *02* | .. | .. | 09 | *04* | .. | .. | .. | 03 | 35b | .. | .. | *06* | *24* | A 2 | $A_2$ |
| 3593 | Vela | — | 4875 | .. | 12268 | 56.7 | −42 47 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | A | $B_3$ |
| 3594 | U. Maj. | $\kappa$ 12 | 1633 | 1645 | .. | 56.8 | +47 33 | 3.68 | 02 | .. | .. | .. | .. | *01* | .. | .. | 15 | .. | *06* | 18b | .. | .. | 17 | *09* | A | $A_0$ |
| 3595 | Cancer | $\nu$ 69 | *2029* | 1646 | .. | 56.9 | +24 51 | 5.45 | 11 | .. | *04* | .. | .. | 05 | *12* | .. | 05 | .. | *03* | 18b | .. | 06 | 00 | *29* | A | $A_0$ |
| 3596 | Hydra | — | *2449* | 1647 | .. | 56.9 | − 0 6 | 5.80 | *19* | .. | 33 | .. | .. | *13* | .. | .. | .. | .. | 20 | *04*c | .. | .. | *10* | *04* | K | $K_0$ |
| 3597 | *Pyxis* | — | 6647 | 1648 | 12265 | 56.9 | −26 16 | 6.38 | 03 | .. | .. | *04* | .. | *03* | 05 | .. | .. | .. | .. | .. | .. | .. | 02 | 12. | K | $K_0$ |
| 3598 | Carina | $b^2$ | 1327 | *2737* | 12286 | 56.9 | −58 42 | 5.17 | .. | .. | .. | .. | 06 | .. | .. | *06* | .. | 11 | .. | .. | *27* | .. | 03 | 6. | F | $F_0$ |
| 3599 | Hydra | — | 2066 | .. | .. | 57.4 | + 7 41 | 6.07 | .. | .. | .. | 02 | .. | *10* | 07 | .. | .. | .. | .. | *15*c | .. | .. | .. | *07* | G 5 | $K_0$ |
| 3600 | Vela | — | 4720 | *2744* | 12297 | 57.6 | −41 28 | 5.54 | .. | .. | .. | .. | 14 | *10* | *08* | 06 | .. | 07 | .. | .. | .. | .. | 11 | 2. | B 5 | $B_5$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3601 | Cancer | 70 | 1683 | .. | .. | 58.2 | +28 18 | 6.34 | .. | .. | .. | A | .. | .. | .. | .. | 14 | .. | .. | 54a | .. | .. | .. | 18 | A | A0 |
| 3602 | Vela | — | 5154 | .. | 12311 | 58.3 | −39 1 | 6.30 | .. | .. | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 3603 | U. Maj. | — | 1801 | 1649 | .. | 58.5 | +48 55 | 5.59 | 08 | .. | 13 | .. | .. | 22 | .. | .. | .. | .. | .. | 16b | .. | .. | 11 | 04 | F | F5 |
| 3604 | Carina | — | 1283 | .. | 12331 | 58.5 | −60 34 | 5.80 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15 | .. | .. | 18. | K | K0 |
| 3605 | Vela | — | 3430 | 2751 | 12330 | 58.7 | −51 48 | 5.42 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | 05 | .. | .. | .. | .. | 12 | 1. | B 9 | B9 |
| 3606 | Cancer | — | 1837 | .. | .. | 58.8 | +32 47 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30b | .. | .. | .. | 13 | A | A5 |
| 3607 | *Pyxis* | — | 6829 | 1652 | 12325 | 58.8 | −25 7 | 6.66 | 02 | .. | .. | 09 | 31 | 05 | 16 | .. | .. | .. | .. | .. | .. | .. | 11 | 5. | K | B8 |
| 3608 | U. Maj. | — | 1217 | 1650 | .. | 59.0 | +59 45 | 6.19 | 06 | .. | 07 | .. | .. | 02 | .. | .. | .. | .. | 04 | 45b | .. | .. | 11 | 23 | A | A0 |
| 3609 | U. Maj. | $\sigma^1$ 11 | 573 | 1651 | .. | 59.6 | +67 17 | 5.33 | 02 | .. | .. | .. | .. | 22 | 25 | .. | 13 | .. | 07 | 05d | .. | .. | 03 | 79 | K 5 | K5 |
| 3610 | Volans | — | 879 | .. | 12368 | 0.0 | −68 17 | 5.82 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 20. | Ma | K5 |
| 3611 | Vela | — | 2072 | .. | 12364 | 0.1 | −53 9 | 6.48 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | B 9 | B9 |
| 3612 | U. Maj. | — | 2200 | 1653 | .. | 0.2 | +38 51 | 4.71 | 02 | .. | .. | .. | .. | 04 | 07 | .. | .. | .. | 03 | 08d | .. | .. | 09 | 85 | G 5 | G5 |
| 3613 | Hydra | $\omega$ 18 | 2116 | 1654 | .. | 0.7 | + 5 30 | 5.41 | 23 | .. | .. | .. | .. | 23 | .. | .. | 16 | .. | 16 | 16d | .. | .. | 24 | 33 | K | K0 |
| 3614 | Vela | c | 4883 | 2761 | 12372 | 0.7 | −46 42 | 3.69 | .. | .. | .. | .. | 05 | 04 | .. | 09 | .. | 57 | .. | .. | 11 | .. | 36 | 32. | K | K0 |
| 3615 | Volans | a | 1065 | 2762 | 12378 | 0.9 | −66 0 | 4.18 | .. | .. | .. | .. | 05 | .. | .. | 04 | .. | 10 | .. | .. | 13 | .. | 06 | 11 | A 5 | A5 |
| 3616 | U. Maj. | $\sigma^2$ 13 | 577 | 1655 | .. | 1.6 | +67 32 | 4.87 | 08 | .. | .. | 00 | .. | 00 | 07 | .. | 03 | .. | 13 | 19c | .. | .. | 13 | 18 | F 8 | F8 |
| 3617 | Cancer | — | 2048 | .. | .. | 1.7 | +23 23 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | R | .. | .. | .. | 08 | F | F5 |
| 3618 | Hydra | — | 2145 | .. | .. | 1.8 | + 1 52 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06d | .. | .. | .. | .. | Ma | Ma |
| 3619 | U. Maj. | f 15 | 1365 | 1656 | .. | 1.9 | +52 0 | 4.54 | 10 | .. | .. | .. | .. | 06 | 03 | .. | 16 | .. | 14 | 13b | .. | .. | 23 | 27 | A 3 p | A3p |
| 3620 | Cancer | — | 1810 | .. | .. | 2.0 | +32 57 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 43a | .. | .. | .. | 09 | F 5 | F2 |
| 3621 | Cancer | $\tau$ 72 | 1817 | 1657 | .. | 2.0 | +30 3 | 5.38 | 01 | .. | .. | .. | .. | 01 | .. | .. | 22 | .. | 19 | 30c | .. | .. | 03 | 49 | G p | G5 |
| 3622 | Carina | — | 1859 | .. | 12397 | 2.2 | −57 27 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | A 5 | A3 |
| 3623 | Cancer | $\kappa$ 76 | 1984 | 1659 | .. | 2.4 | +11 4 | 5.14 | 11 | .. | .. | 02 | .. | 20 | 13 | .. | 01 | .. | 03 | 37b | .. | .. | 34 | 13 | B 8 | B8 |
| 3624 | U. Maj. | $\tau$ 14 | 723 | 1658 | .. | 2.7 | +63 55 | 4.74 | 02 | 02 | .. | .. | .. | 01 | 01 | .. | 13 | .. | 20 | 06b | .. | 12 | 06 | 27 | F 8 p | F5 A5 |
| 3625 | Lynx | — | 1949 | .. | .. | 2.7 | +34 18 | 5.95 | .. | .. | 13 | .. | .. | 08 | 05 | .. | .. | .. | .. | 10c | .. | .. | .. | 20 | F 5 | F8 |
| 3626 | Cancer | 75 | 1715 | 1660 | .. | 3.0 | +27 3 | 5.96 | 07 | .. | .. | .. | .. | 06 | .. | .. | 26 | .. | 24 | 25c | .. | .. | 01 | 34 | F | G5 |
| 3627 | Cancer | $\xi$ 77 | 2061 | 1661 | .. | 3.6 | +22 27 | 5.22 | 00 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | 04 | 08c | .. | .. | 02 | 78 | K | G5 |
| 3628 | *Pyxis* | $\kappa$ | 6895 | 1663 | 12415 | 3.7 | −25 27 | 4.82 | 03 | .. | .. | 06 | .. | 18 | 12 | 21 | .. | .. | .. | .. | .. | .. | 07 | 26. | K 5 p | K5 |
| 3629 | Vela | — | 1957 | 2775 | 12427 | 3.7 | −55 24 | 6.22 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | 4. | A | B5 |
| 3630 | Hydra | 19 | 2588 | 1662 | 12417 | 3.8 | − 8 11 | 5.50 | 03 | .. | .. | .. | .. | 04 | 06 | 00 | 15 | .. | .. | .. | .. | .. | 05 | 12 | B 8 | B8 |
| 3631 | Vela | — | 3849 | .. | 12434 | 4.0 | −50 49 | 6.47 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 19. | Ma | K5 p |
| 3632 | Carina | — | 1093 | .. | 12446 | 4.2 | −64 6 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | K | K0 |
| 3633 | U. Maj. | — | 444 | .. | .. | 4.3 | +72 4 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 27c | .. | .. | .. | 34 | K | K0 |
| 3634 | Vela | $\lambda$ | 4990 | 2777 | 12438 | 4.3 | −43 2 | 2.22 | .. | .. | .. | .. | 12 | 15 | 15 | 18 | .. | 03 | .. | .. | 22 | .. | 22 | 38. | K 5 | K5 |
| 3635 | Cancer | — | 1979 | .. | .. | 4.4 | +11 58 | 6.46 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 22b | .. | .. | .. | 42 | A | F0 |
| 3636 | Hydra | — | 2565 | 1665 | 12433 | 4.4 | −11 57 | 5.81 | 01 | .. | .. | .. | .. | 11 | 09 | .. | .. | .. | .. | .. | .. | .. | 01 | 17 | A | K0 |
| 3637 | *Pyxis* | — | 6766 | 1666 | 12435 | 4.4 | −26 22 | 6.20 | 03 | .. | .. | 04 | .. | 11 | 11 | .. | .. | .. | .. | .. | .. | .. | 05 | 11. | A 5 | A2 |
| 3638 | Hydra | — | 2765 | .. | 12436 | 4.5 | −17 55 | 5.74 | .. | .. | .. | .. | .. | 09 | 02 | 08 | .. | .. | .. | .. | .. | 01 | .. | 20 | A | A8 |
| 3639 | Cancer | — | 1946 | 1664 | .. | 4.6 | +31 23 | var. | 36 | .. | .. | .. | .. | 35 | .. | .. | .. | .. | 36 | 14e | .. | .. | 01 | 69 | Mc | Mc |
| 3640 | Cancer | 79 | 2063 | .. | .. | 4.6 | +22 24 | 6.09 | .. | .. | .. | 04 | .. | 01 | 03 | .. | 29 | .. | .. | 19c | .. | .. | .. | 34 | G 5 | G5 |
| 3641 | Hydra | 20 | 2593 | 1667 | 12440 | 4.7 | − 8 23 | 5.66 | 07 | .. | .. | 13 | .. | 09 | 05 | .. | 14 | .. | 03 | .. | .. | .. | 04 | 25 | G 5 | G5 |
| 3642 | Carina | E | 861 | 2787 | 12465 | 4.8 | −70 8 | 4.86 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | 29 | .. | .. | 31 | .. | 04 | 2. | B 3 p | B3p |
| 3643 | Carina | G | 779 | 2788 | 12472 | 4.9 | −72 12 | 4.50 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | 26 | .. | .. | 05 | .. | 05 | 11. | F 5 | F5 |
| 3644 | *Pyxis* | $\varepsilon$ | 7194 | 1670 | 12466 | 5.7 | −29 57 | 5.56 | 13 | .. | .. | 07 | 06 | 12 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | 4. | A 5 | A3 |
| 3645 | U. Maj. | — | 452 | 1668 | .. | 5.8 | +73 22 | 5.89 | 13 | .. | .. | .. | .. | 09 | 04 | .. | .. | .. | 06 | 37b | .. | .. | 02 | 10 | A | A2 |
| 3646 | Pyxis | — | 2512 | .. | 12471 | 5.9 | −22 46 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 59 | A | A0 |
| 3647 | Vela | — | 4471 | .. | 12491 | 6.3 | −49 1 | 6.41 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | A 2 | A3 |
| 3648 | U. Maj. | c 16 | 1058 | 1669 | .. | 6.4 | +61 50 | 5.23 | 06 | 01 | .. | .. | .. | 01 | 04 | .. | 07 | .. | 09 | 17c | .. | 10 | 12 | 36 | F | F8 |
| 3649 | Hydra | — | 2120 | .. | .. | 6.7 | + 5 53 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 36b | .. | .. | .. | 37 | F | F0 |
| 3650 | Cancer | 81 | 2003 | .. | .. | 6.9 | +15 24 | 6.40 | .. | .. | .. | 09 | .. | 09 | .. | .. | 20 | .. | .. | 23b | .. | .. | .. | 11 | G | G5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**9h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3651 | Hydra | — | 2139 | .. | .. | 7.0 | + 4 17 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33a | .. | 03 | .. | 43 | A | A0 |
| 3652 | Lynx | 36 | 1893 | 1671 | .. | 7.3 | +43 38 | 5.30 | 06 | .. | .. | .. | .. | 07 | .. | .. | 10 | .. | 20 | 30b | .. | 07 | .. | 37 | B 8 | B8 |
| 3653 | *Hydra* | — | 2644 | 1672 | 12505 | 7.4 | −19 20 | 5.81 | 07 | .. | 09 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 04 | K | K0 |
| 3654 | Vela | — | 5206 | 2802 | 12515 | 7.4 | −44 27 | 4.96 | .. | .. | .. | .. | 08 | 01 | 08 | 01 | .. | .. | .. | .. | 44 | .. | 06 | 12. | B 5 | B5 |
| 3655 | Hydra | 21 | 2845 | 1673 | 12508 | 7.5 | − 6 42 | 6.02 | 08 | .. | .. | .. | .. | 09 | .. | .. | 32 | .. | 18 | .. | .. | .. | 02 | 22 | A | A2 |
| 3656 | Vela | — | 5358 | .. | 12519 | 7.8 | −38 51 | 6.12 | .. | .. | .. | .. | .. | .. | 27 | 28 | .. | .. | .. | .. | .. | .. | .. | 6. | A | B9 |
| 3657 | Cancer | — | 1991 | .. | .. | 7.9 | +21 42 | 6.09 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 67b | .. | .. | .. | 07 | A | A0 |
| 3658 | Vela | — | 4987 | 2806 | 12526 | 8.0 | −46 10 | 5.92 | .. | .. | .. | .. | 09 | .. | .. | 08 | .. | .. | .. | .. | .. | .. | 37 | 0. | B | B3 |
| 3659 | Carina | a | 1419 | 2808 | 12535 | 8.4 | −58 33 | 3.56 | .. | .. | .. | .. | 05 | .. | .. | 04 | .. | 30 | .. | .. | 14 | .. | 09 | 6. | B 3 | B3 |
| 3660 | U. Maj. | 17 | 1211 | 1674 | .. | 8.5 | +57 10 | 5.48 | 12 | .. | .. | .. | .. | 11 | .. | .. | 18 | .. | 03 | 06d | .. | .. | 02 | 84 | K | K5 |
| 3661 | Vela | — | 5041 | .. | 12542 | 8.8 | −43 12 | 5.74 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | A | B8 |
| 3662 | U. Maj. | e 18 | 1285 | 1675 | .. | 9.0 | +54 26 | 4.89 | 03 | .. | .. | 13 | .. | 11 | .. | .. | 03 | .. | 11 | 10b | .. | 05 | 00 | 03 | A 5 | A5 |
| 3663 | Carina | i | 1201 | 2814 | 12557 | 9.0 | −61 54 | 4.18 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | 07 | .. | .. | 27 | .. | 06 | 3. | B 3 | B3 |
| 3664 | Lynx | 19 | 1966 | .. | .. | 9.1 | +35 3 | 6.02 | .. | .. | 02 | .. | .. | 08 | 05 | .. | 08 | .. | .. | 14c | .. | .. | .. | 39 | G | G0 |
| 3665 | Hydra | θ 22 | 2167 | 1676 | .. | 9.2 | + 2 44 | 3.84 | 09 | .. | .. | .. | .. | 11 | 02 | .. | 33 | .. | 19 | 42b | .. | .. | 26 | 19 | A | A0 |
| 3666 | U. Maj. | — | 393 | .. | .. | 9.5 | +74 26 | 6.54 | .. | .. | 12 | .. | .. | .. | 13 | .. | .. | .. | .. | 12c | .. | .. | .. | 14 | K | G5 |
| 3667 | Vela | — | 5376 | .. | 12560 | 9.5 | −38 12 | 6.46 | .. | .. | .. | .. | .. | .. | 28 | 28 | .. | .. | .. | .. | .. | .. | .. | 5. | A 2 | A0 |
| 3668 | Vela | — | 4904 | .. | 12563 | 9.5 | −41 52 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K | K0 |
| 3669 | Cancer | π 82 | 2009 | 1677 | .. | 9.7 | +15 22 | 5.57 | 00 | .. | .. | .. | .. | 00 | .. | .. | 33 | .. | 09 | 03c | .. | .. | 05 | 52 | K | K0 |
| 3670 | Vela | — | 5010 | .. | 12575 | 10.1 | −46 55 | 5.92 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | A | B9 |
| 3671 | Carina | — | 1012 | .. | 12588 | 10.1 | −64 27 | neb. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | R | .. | .. | R | R | |
| 3672 | Vela | — | 5068 | .. | 12587 | 10.4 | −43 44 | 5.94 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | A | B5 |
| 3673 | Carina | — | 1432 | 2823 | 12590 | 10.4 | −59 0 | 5.58 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | 12 | .. | 42 | 12. | G 5 | G5 |
| 3674 | Vela | z | 5086 | 2825 | 12593 | 10.6 | −42 49 | 5.15 | .. | .. | .. | .. | 19 | 21 | 11 | 14 | .. | .. | .. | .. | 35 | .. | 27 | 5. | B 3 | B3 |
| 3675 | Hydra | — | 2793 | .. | 12586 | 10.7 | −14 36 | 6.23 | .. | .. | 02 | .. | .. | 01 | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 62 | A | A0 |
| 3676 | U. Maj. | — | 1658 | 1678 | .. | 10.8 | +47 14 | 5.70 | 16 | .. | .. | .. | .. | 06 | 09 | .. | .. | .. | 09 | 58b | .. | .. | 15 | 11 | A | A0 |
| 3677 | Vela | — | 5578 | .. | 12600 | 11.0 | −37 11 | 6.04 | .. | .. | .. | .. | .. | .. | 13 | 14 | .. | .. | .. | .. | 29 | .. | .. | 10. | G | G0 |
| 3678 | Octans | ζ | 183 | 2835 | 12688 | 11.2 | −85 16 | 5.38 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | 17 | .. | 12 | 4. | F 5 | F0 |
| 3679 | Vela | — | 2035 | 2834 | 12613 | 11.3 | −55 9 | 5.20 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 30 | .. | 22 | 19. | K | K0 |
| 3680 | Vela | — | 4982 | 2836 | 12618 | 11.6 | −45 8 | 6.34 | .. | .. | .. | .. | 15 | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | 8. | A | A0 |
| 3681 | Hydra | 23 | 2762 | 1679 | 12608 | 11.7 | − 5 56 | 5.40 | 04 | .. | 02 | .. | .. | 07 | 03 | 08 | 00 | .. | 24 | .. | .. | .. | 06 | 28 | K 5 | K0 |
| 3682 | Vela | l | 5408 | 2838 | 12617 | 11.7 | −38 9 | 4.98 | .. | 04 | .. | .. | 18 | 01 | 13 | 06 | .. | .. | .. | .. | 02 | .. | 06 | 18. | K | K0 |
| 3683 | Hydra | 24 | 2623 | 1680 | 12611 | 11.8 | − 8 19 | 5.54 | 04 | .. | .. | .. | .. | 06 | 14 | 26 | 03 | .. | 14 | .. | .. | .. | 00 | 14 | B 9 | B9 |
| 3684 | Vela | k | 5505 | 2841 | 12620 | 11.8 | −37 0 | 4.70 | .. | 06 | .. | .. | 00 | 02 | 08 | 15 | .. | .. | .. | .. | 05 | 00 | 26 | 8. | F 5 | F5 |
| 3685 | Carina | β | 1023 | 2844 | 12636 | 12.1 | −69 18 | 1.80 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | 05 | .. | .. | 50 | .. | 05 | 16. | A | A0 |
| 3686 | Lynx | — | 1971 | .. | .. | 12.3 | +35 47 | 5.76 | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | 32a | .. | .. | .. | 15 | A | A5 |
| 3687 | Hydra | — | 2808 | .. | 12630 | 12.4 | −14 9 | 5.97 | .. | .. | .. | .. | .. | 03 | .. | 03 | .. | .. | .. | .. | .. | .. | .. | 14 | K | K0 |
| 3688 | Vela | — | 5305 | .. | 12633 | 12.4 | −44 29 | 6.03 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | A | B5 |
| 3689 | Cancer | — | 2009 | .. | .. | 12.5 | +11 55 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 29b | .. | .. | .. | 24 | A | A0 |
| 3690 | Lynx | 38 | 1965 | 1681 | .. | 12.6 | +37 14 | 3.82 | 00 | .. | .. | .. | .. | 00 | .. | .. | 15 | .. | 07 | 16a | .. | .. | 03 | 18 | A | A2 |
| 3691 | Carina | — | 1949 | .. | 12638 | 12.6 | −57 58 | 6.06 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 21 | .. | .. | 1. | B 8 | B5 |
| 3692 | Vela | — | 5103 | 2849 | 12635 | 12.7 | −43 51 | 5.01 | .. | .. | .. | .. | 07 | 10 | 07 | 11 | .. | .. | .. | .. | .. | .. | 21 | 23. | K 5 | K5 |
| 3693 | Carina | — | 1951 | .. | 12641 | 12.8 | −57 9 | 6.33 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | K | K0 |
| 3694 | Vela | — | 5430 | 2853 | 12640 | 13.1 | −38 59 | 5.37 | .. | 00 | .. | .. | 20 | 14 | 02 | 05 | .. | .. | .. | .. | .. | .. | 28 | 20. | K | K0 |
| 3695 | Cham. | — | 574 | .. | 12665 | 13.2 | −76 15 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | K | K0 |
| 3696 | Carina | g | 1961 | 2857 | 12652 | 13.4 | −57 7 | 4.18 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | 43 | .. | .. | 32 | .. | 02 | 31. | K 5 | K5 |
| 3697 | U. Maj. | 37 | 1495 | .. | .. | 13.8 | +51 42 | 6.12 | .. | .. | .. | .. | .. | .. | A | .. | 28 | .. | .. | 28b | .. | .. | .. | 12 | F | F2 |
| 3698 | U. Maj. | — | 1214 | 1683 | .. | 14.4 | +57 8 | 5.98 | 05 | .. | .. | .. | .. | 11 | 07 | .. | .. | .. | 12 | 12d | .. | .. | 07 | 24 | Ma 5 | Ml |
| 3699 | Carina | ι | 1465 | 2868 | 12672 | 14.4 | −58 51 | 2.25 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 22 | .. | .. | 20 | .. | 05 | 18. | F | F0 |
| 3700 | Vela | — | 2281 | .. | 12675 | 14.6 | −54 4 | 6.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | K | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



9h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 3701 | Lynx | — | 2025 | .. | .. | 14.7 | +38 37 | 5.86 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 40b | .. | .. | .. | 06 | A | |
| 3702 | Hydra | — | 2804 | .. | 12667 | 14.7 | −10 53 | 6.53 | .. | .. | 02 | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 59 | A 2 | |
| 3703 | Vela | K | 4001 | 2870 | 12676 | 14.7 | −50 38 | 5.34 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | 14 | .. | 03 | 8. | A | |
| 3704 | Hydra | — | 2763 | 1686 | 12671 | 14.9 | −15 24 | 5.93 | 01 | .. | 04 | .. | .. | 01 | .. | 05 | .. | .. | .. | .. | .. | .. | 01 | .. | K | |
| 3705 | Lynx | 40 | 1979 | 1685 | .. | 15.0 | +34 49 | 3.30 | 14 | .. | 13 | .. | .. | 01 | .. | .. | 10 | 24 | 14 | 08d | .. | .. | 10 | 168 | K 5 | |
| 3706 | Hydra | 26 | 2609 | 1687 | 12673 | 15.0 | −11 33 | 4.94 | 04 | .. | .. | .. | .. | 05 | .. | 02 | 26 | .. | .. | .. | .. | .. | 00 | 43 | G 5 | |
| 3707 | Cancer | — | 1848 | .. | .. | 15.4 | +33 21 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16c | .. | .. | .. | 32 | F 5 | |
| 3708 | Vela | — | 3693 | .. | 12691 | 15.4 | −51 8 | 5.87 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | F | |
| 3709 | Hydra | P 27 | 2643 | 1688 | 12687 | 15.6 | − 9 8 | 4.97 | 08 | .. | .. | .. | .. | 01 | 01 | 07 | 03 | .. | 04 | .. | .. | .. | 10 | 56 | G 5 | |
| 3710 | Pyxis | — | 5973 | .. | 12693 | 15.6 | −33 41 | 6.48 | .. | .. | .. | .. | .. | .. | 19 | 18 | .. | .. | .. | .. | .. | .. | .. | 6. | A | |
| 3711 | Cancer | — | 2027 | .. | .. | 15.7 | +15 48 | 6.49 | .. | .. | 05 | .. | .. | .. | 05 | .. | .. | .. | .. | 37a | .. | .. | .. | 27 | A | |
| 3712 | Carina | — | 918 | 2883 | 12717 | 15.9 | −68 16 | 5.44 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | .. | .. | 01 | 6. | F 2 | |
| 3713 | Carina | — | 1002 | .. | 12722 | 16.1 | −66 37 | 5.88 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 21. | G 5 | |
| 3714 | Hydra | — | 2828 | .. | 12703 | 16.2 | −15 11 | 6.34 | .. | .. | 07 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 34 | F 5 | |
| 3715 | Pyxis | — | 7162 | .. | 12712 | 16.5 | −31 20 | 6.78 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 68 | .. | .. | 7. | A | |
| 3716 | Vela | — | 5668 | .. | 12715 | 16.5 | −37 9 | 6.10 | .. | .. | .. | .. | .. | .. | 01 | 02 | .. | .. | .. | .. | .. | .. | .. | 15. | K | |
| 3717 | Vela | — | 2186 | .. | 12723 | 16.5 | −54 45 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 0. | B 5 | |
| 3718 | *Pyxis* | θ | 7114 | 1690 | 12728 | 17.1 | −25 32 | 4.93 | 00 | .. | .. | 16 | .. | 05 | 13 | 24 | .. | .. | .. | .. | .. | .. | 16 | 21. | Ma | |
| 3719 | Camel. | — | 377 | 1689 | .. | 17.5 | +75 33 | 6.29 | 13 | .. | 07 | .. | .. | 06 | 01 | .. | .. | .. | .. | 03 | 05a | .. | 06 | 47 | A | |
| 3720 | Carina | — | 579 | 2896 | 12768 | 17.6 | −74 28 | 5.45 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | 13 | .. | .. | 40 | .. | 01 | 1. | A | |
| 3721 | Carina | — | 580 | 2895 | 12767 | 17.6 | −74 18 | 6.02 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | 57 | .. | 02 | 1. | A | |
| 3722 | U. Maj. | — | 733 | .. | .. | 17.7 | +64 23 | 6.46 | .. | .. | 09 | .. | .. | .. | 08 | .. | .. | .. | .. | 14d | .. | .. | | 18 | K 5 | |
| 3723 | Leo | 6 | 2088 | 1691 | .. | 17.7 | +25 36 | 6.46 | 10 | .. | 10 | .. | .. | 01 | .. | .. | 14 | .. | .. | 10c | .. | .. | 01 | 38 | A | |
| 3724 | Hydra | — | 2816 | .. | 12751 | 18.0 | − 9 24 | 6.53 | .. | .. | 14 | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | 53 | A | |
| 3725 | U. Maj. | — | 1389 | .. | .. | 18.1 | +52 1 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13c | .. | .. | .. | 06 | F 8 | |
| 3726 | Vela | — | 5023 | .. | 12753 | 18.1 | −41 46 | 5.76 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | Ma | |
| 3727 | Lynx | — | 1978 | .. | .. | 18.2 | +37 2 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 49b | .. | .. | .. | 26 | A | |
| 3728 | Carina | k | 1242 | 2903 | 12782 | 18.5 | −61 58 | 4.86 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | 08 | .. | .. | 09 | .. | 06 | 19. | K | |
| 3729 | Vela | — | 5446 | .. | 12770 | 18.7 | −39 21 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11. | K | |
| 3730 | Vela | — | 5099 | .. | 12776 | 18.7 | −45 37 | 6.00 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | G 5 | |
| 3731 | Leo | κ 1 | 1939 | 1692 | .. | 18.8 | +26 37 | 4.61 | 02 | .. | .. | .. | .. | 01 | 01 | .. | 14 | .. | 08 | 05d | .. | .. | 14 | 101 | K | |
| 3732 | Vela | — | 2213 | 2907 | 12785 | 18.8 | −55 5 | 5.66 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | 6. | A 2 | |
| 3733 | *Pyxis* | λ | 7196 | 1693 | 12775 | 18.9 | −28 24 | 4.90 | 03 | .. | .. | 01 | .. | 00 | 02 | R | .. | .. | .. | .. | .. | .. | 05 | 16. | G 2 | |
| 3734 | Vela | κ | 2219 | 2911 | 12788 | 19.0 | −54 35 | 2.63 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | 04 | .. | .. | 28 | .. | 23 | 8. | B 3 | |
| 3735 | Vela | — | 5721 | .. | 12802 | 19.7 | −37 19 | 6.48 | .. | .. | .. | .. | .. | .. | 21 | 20 | .. | .. | .. | .. | .. | .. | .. | 5. | A 2 | |
| 3736 | Cancer | — | 2078 | .. | .. | 20.0 | +17 1 | 6.27 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13d | .. | .. | .. | 33 | G 5 | |
| 3737 | Vela | — | 5541 | .. | 12820 | 20.3 | −38 59 | 6.18 | .. | .. | .. | .. | .. | .. | 19 | 20 | .. | .. | .. | .. | .. | .. | .. | 7. | A 5 | |
| 3738 | Hydra | 28 | 2616 | 1694 | 12815 | 20.4 | − 4 41 | 5.81 | 06 | .. | 03 | .. | .. | 10 | 02 | R | 01 | .. | 09 | .. | .. | .. | 11 | .. | G 5 | |
| 3739 | Vela | — | 3767 | .. | 12826 | 20.6 | −51 18 | 6.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | F | |
| 3740 | Carina | — | 1374 | 2925 | 12832 | 20.8 | −59 52 | 6.34 | .. | .. | .. | .. | 12 | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | 21. | K | |
| 3741 | Hydra | — | 2195 | .. | 12830 | 21.3 | − 1 1 | 6.14 | .. | .. | 09 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | |
| 3742 | Carina | — | 1265 | .. | 12847 | 21.5 | −61 13 | 5.97 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | G 2 | |
| 3743 | U. Maj. | 41 | 1509 | 1696 | .. | 22.1 | +46 2 | 5.56 | 00 | .. | .. | .. | .. | 11 | 10 | .. | 14 | .. | 21 | 03c | .. | .. | 31 | 38 | G 5 | |
| 3744 | Hydra | 29 | 2678 | .. | 12854 | 22.3 | − 8 47 | 6.45 | .. | .. | .. | A | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | A | |
| 3745 | *Pyxis* | — | 7271 | 1697 | 12857 | 22.4 | −28 21 | 6.02 | 03 | .. | .. | 05 | .. | 07 | 00 | .. | .. | .. | .. | .. | .. | .. | 06 | 4. | B 5 | |
| 3746 | Vela | — | 5507 | 2936 | 12865 | 22.6 | −40 4 | 6.39 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | .. | 4. | A 5 | |
| 3747 | U. Maj. | — | 1388 | .. | .. | 22.7 | +56 11 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 27b | .. | .. | .. | 25 | F | |
| 3748 | Hydra | α 30 | 2680 | 1698 | 12862 | 22.7 | − 8 14 | 2.16 | 14 | .. | .. | .. | .. | 13 | .. | R | 01 | 10 | 06 | .. | .. | .. | 08 | 200 | K 2 | |
| 3749 | Hydra | G | 2802 | 1700 | 12868 | 22.7 | −21 54 | 4.94 | 08 | .. | .. | 01 | .. | 05 | 06 | .. | .. | .. | .. | .. | .. | .. | 08 | 42 | K | |
| 3750 | Hydra | — | 2802 | 1699 | 12867 | 22.8 | − 5 38 | 5.44 | 12 | .. | 00 | .. | .. | 07 | 03 | .. | .. | .. | 05 | .. | .. | .. | 12 | 24 | F | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1



**9h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalouge Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ′ | | | | | | | | | | | | | | | | | | | |
| 3751 | Draco | — | 302 | 1695 | .. | 22.9 | +81 46 | 4.58 | 00 | .. | 15 | .. | .. | 16 | .. | .. | .. | .. | 15 | 16d | .. | .. | 06 | 93 | K | K2 |
| 3752 | Carina | — | 1271 | .. | 12889 | 22.9 | −61 31 | 6.00 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | A 2 | A2 |
| 3753 | Vela | I | 2360 | 2938 | 12885 | 23.0 | −52 56 | 5.22 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 10 | 10. | A | B5 |
| 3754 | Leo | ω 2 | 2188 | 1702 | .. | 23.1 | + 9 30 | 5.52 | 03 | .. | .. | 13 | .. | 08 | 03 | .. | 18 | .. | 01 | 14b | .. | .. | 13 | 34 | G | G0 |
| 3755 | Leo | 3 | 2226 | 1703 | .. | 23.2 | + 8 37 | 5.88 | 07 | .. | .. | 04 | .. | 10 | .. | .. | 22 | .. | 17 | 00c | .. | .. | 12 | .. | K | K0 |
| 3756 | Antlia | — | 5895 | .. | 12890 | 23.5 | −34 34 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 7. | A 2 | A3 |
| 3757 | U. Maj. | h 23 | 845 | 1701 | .. | 23.7 | +63 30 | 3.75 | 04 | 01 | .. | .. | .. | 05 | 03 | .. | 25 | .. | 09 | 11b | .. | 02 | 05 | 69 | F | F0 |
| 3758 | Hydra | — | 2201 | .. | 12896 | 24.0 | − 0 49 | 6.29 | .. | .. | 01 | .. | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 23 | F | A5 |
| 3759 | Hydra | τ¹ 31 | 2901 | 1704 | 12897 | 24.1 | − 2 19 | 4.78 | 16 | .. | .. | .. | .. | 15 | .. | .. | 18 | 00 | 21 | .. | .. | .. | 07 | 32 | F 5 | F5 |
| 3760 | Hydra | — | 2268 | .. | 12908 | 24.4 | − 1 46 | 6.04 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 16 | .. | 24 | A 3 | A3 |
| 3761 | Carina | — | 1037 | .. | 12927 | 24.5 | −64 29 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 61 | .. | .. | 2. | A 8 | A3 |
| 3762 | Hydra | — | 2693 | .. | 12913 | 24.6 | − 3 48 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | G5 |
| 3763 | Hydra | — | 2915 | .. | 12916 | 24.6 | −20 19 | 5.96 | .. | .. | 03 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13. | K p | K5 |
| 3764 | L. Min. | 7 | 1999 | .. | .. | 24.7 | +34 5 | 5.98 | .. | .. | 07 | .. | .. | 05 | 03 | .. | 09 | .. | .. | 08c | .. | .. | .. | 57 | G | K0 |
| 3765 | Antlia | ε | 5724 | 2958 | 12930 | 25.1 | −35 30 | 4.64 | .. | 06 | .. | .. | 24 | 10 | 14 | 08 | .. | .. | .. | .. | 06 | .. | 29 | 23. | K 2 | K2 |
| 3766 | Antlia | — | 5817 | .. | 12939 | 25.2 | −37 57 | 6.24 | .. | .. | .. | .. | .. | .. | 19 | 20 | .. | .. | .. | .. | .. | .. | .. | 4. | A | A2 |
| 3767 | Hydra | — | 2623 | .. | 12933 | 25.3 | −22 54 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 9. | K | K0 |
| 3768 | U. Maj. | 22 | 462 | 1705 | .. | 25.4 | +72 39 | 5.82 | 03 | 01 | .. | .. | .. | 01 | 03 | .. | 02 | .. | 06 | 14c | .. | 01 | 01 | 14 | F | F5 |
| 3769 | L. Min. | 8 | 2015 | 1707 | .. | 25.5 | +35 33 | 5.52 | 02 | .. | .. | .. | .. | 04 | 01 | .. | 05 | .. | 06 | 08d | .. | .. | 03 | 64 | K 5 | K5 |
| 3770 | *Antlia* | — | 7117 | 1708 | 12942 | 25.5 | −26 9 | 5.67 | 07 | .. | .. | 00 | .. | 07 | R | .. | .. | .. | .. | .. | .. | .. | 02 | 13. | K | K0 |
| 3771 | U. Maj. | d 24 | 565 | 1706 | .. | 25.6 | +70 16 | 4.57 | 02 | .. | .. | .. | .. | 04 | 06 | .. | 18 | .. | 35 | 23c | .. | .. | 05 | 77 | G | G0 |
| 3772 | Hydra | — | 2867 | .. | 12945 | 25.7 | −15 9 | 6.10 | .. | .. | 11 | .. | .. | 00 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 3773 | Leo | λ 4 | 2107 | 1710 | .. | 26.1 | +23 25 | 4.48 | 09 | .. | .. | .. | .. | 09 | .. | .. | 08 | .. | 01 | 02d | .. | .. | 25 | 135 | K 5 p | K5 |
| 3774 | Camel. | — | 402 | .. | .. | 26.2 | +74 47 | 6.38 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | 23b | .. | .. | .. | 41 | A | B9 |
| 3775 | U. Maj. | θ 25 | 1401 | 1709 | .. | 26.2 | +52 8 | 3.26 | 04 | .. | .. | .. | .. | 04 | 01 | .. | 01 | .. | 14 | 23b | .. | .. | 21 | 88 | F 8 | F8 |
| 3776 | Carina | — | 1277 | .. | 12984 | 26.2 | −61 50 | 6.01 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | G | K0 |
| 3777 | Carina | — | 833 | 2970 | 12994 | 26.2 | −71 10 | 5.48 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | 16 | .. | .. | 08 | .. | 08 | 19. | K | K0 comp |
| 3778 | U. Maj. | — | 1657 | .. | .. | 26.5 | +49 53 | 6.50 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 49b | .. | .. | .. | 22 | A | A3 |
| 3779 | Leo | h 6 | 2014 | 1712 | .. | 26.5 | +10 9 | 5.28 | 07 | .. | .. | 01 | .. | 02 | 10 | .. | 17 | .. | 27 | 01e | .. | .. | 07 | 113 | F 5 | K0 |
| 3780 | Antlia | ζ¹ | 7355 | 2975 | 12978 | 26.5 | −31 26 | 7.21 | .. | 30 | .. | .. | 19 | 18 | R | 30 | .. | .. | .. | .. | 44 | .. | 11 | 3. | A 2 | A0 |
| 3781 | Antlia | | | 2976 | 12977 | 26.5 | −31 27 | 6.35 | | | | | | | | | | | | | | | | | | |
| 3782 | Leo | ξ 5 | 2053 | 1711 | .. | 26.6 | +11 45 | 5.12 | 08 | .. | .. | 08 | .. | 07 | 08 | .. | 02 | .. | 10 | 06c | .. | .. | 08 | 88 | K | G5 |
| 3783 | Carina | — | 1018 | .. | 12998 | 26.6 | −66 15 | 6.18 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | A | A0 |
| 3784 | Vela | — | 4204 | 2977 | 12991 | 26.7 | −51 4 | 5.60 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 03 | 4. | A | B8 |
| 3785 | Hydra | — | 2856 | 1713 | 12980 | 26.8 | −10 6 | 6.06 | 02 | .. | 04 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 04 | 14 | A 5 | A5 |
| 3786 | Vela | ψ | 5580 | 2978 | 12989 | 26.8 | −40 2 | 3.64 | .. | 03 | .. | .. | 11 | 02 | 07 | 18 | .. | 20 | .. | .. | 04 | .. | 09 | 11. | F 5 | F5 |
| 3787 | Hydra | τ² 32 | 2211 | 1714 | 12981 | 26.9 | − 0 44 | 4.50 | 10 | .. | .. | .. | .. | 10 | .. | .. | 07 | 07 | 31 | .. | .. | .. | 38 | 23 | A 3 | A3 |
| 3788 | Hydra | — | 2858 | .. | 12992 | 27.1 | − 9 55 | 6.32 | .. | .. | 00 | .. | .. | .. | 04 | 04 | .. | .. | .. | .. | .. | .. | 32 | .. | G 5 | K0 |
| 3789 | Antlia | ζ² | 7369 | 2983 | 13001 | 27.3 | −31 25 | 5.96 | .. | 02 | .. | .. | 04 | 13 | 07 | 18 | .. | .. | .. | .. | 36 | .. | 09 | 8. | A 8 | F0 |
| 3790 | Antlia | — | 5751 | 2984 | 13003 | 27.3 | −35 16 | 5.96 | .. | .. | .. | .. | 07 | .. | 06 | 02 | .. | .. | .. | .. | .. | .. | .. | 12. | K | K0 |
| 3791 | L. Min. | 9 | 1998 | .. | .. | 27.4 | +36 56 | 6.41 | .. | .. | .. | 07 | .. | 07 | .. | .. | 19 | .. | .. | 07c | .. | .. | .. | 11 | K | K2 |
| 3792 | Leo | — | 1913 | .. | .. | 27.4 | +28 49 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33a | .. | .. | .. | 04 | A | A2 |
| 3793 | Carina | — | 2090 | .. | 13013 | 27.4 | −57 56 | 5.78 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 19. | Ma 5 | Ma |
| 3794 | Hydra | — | 2217 | .. | .. | 27.5 | + 2 19 | 6.15 | .. | .. | .. | .. | .. | 03 | 03 | .. | .. | .. | .. | 15c | .. | .. | .. | .. | F 8 | F5 |
| 3795 | Cham. | ι | 350 | 2989 | 13048 | 27.5 | −80 22 | 5.44 | .. | .. | .. | .. | 12 | .. | .. | 12 | .. | 25 | .. | .. | 21 | .. | 16 | 7. | F 2 | F2 |
| 3796 | Hydra | — | 2708 | 1716 | 13009 | 27.7 | −18 58 | 5.70 | 00 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 02 | 01 | A | A2 |
| 3797 | U. Maj. | — | 1683 | .. | .. | 27.8 | +47 20 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 45b | .. | .. | .. | 03 | A | A5 |
| 3798 | *Antlia* | S | 7373 | 1718 | 13016 | 27.9 | −28 11 | var. | v | .. | .. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | v | F | F0 |
| 3799 | U. Maj. | 26 | 1402 | 1715 | .. | 28.0 | +52 30 | 4.65 | 08 | .. | .. | .. | .. | 15 | 08 | .. | 10 | .. | 10 | 13b | .. | .. | 06 | 08 | A | A0 |
| 3800 | L. Min. | 10 | 2004 | 1717 | .. | 28.1 | +36 51 | 4.62 | 05 | .. | .. | .. | .. | 09 | 05 | .. | 08 | .. | 03 | 18d | .. | .. | 03 | 82 | G 5 | G5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**9h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3801 | Hydra | — | *2836* | .. | 13017 | 28.1 | − 8 4 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | K0 |
| 3802 | Hydra | — | *2926* | .. | 13018 | 28.2 | −13 4 | 6.21 | .. | .. | .. | *03* | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K p | K5 |
| 3803 | Vela | N | 2270 | *2996* | 13030 | 28.2 | −56 36 | 3.04 | .. | .. | .. | .. | *06* | .. | .. | 05 | .. | 10 | .. | .. | v | .. | *09* | 29. | K 5 | K5 |
| 3804 | Leo | — | *2104* | .. | .. | 28.3 | +23 53 | 6.43 | .. | .. | 03 | .. | .. | .. | *03* | .. | .. | .. | .. | *12*e | .. | .. | .. | .. | K p | K5 |
| 3805 | Hydra | — | 2939 | .. | 13024 | 28.3 | − 6 45 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | K0 |
| 3806 | U. Maj. | — | 470 | .. | .. | 28.4 | +73 32 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | Rb | .. | .. | .. | *23* | A | F0 |
| 3807 | Vela | — | 5284 | *2999* | 13028 | 28.4 | −40 13 | 5.36 | .. | .. | .. | .. | 01 | *13* | *06* | 19 | .. | .. | .. | .. | 04 | .. | 19 | 19. | K | K0 |
| 3808 | Hydra | — | 2936 | 1720 | 13031 | 28.7 | −20 41 | 5.16 | 06 | .. | *06* | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 82 | K 5 | K0 |
| 3809 | Lynx | — | 2224 | 1719 | .. | 28.8 | +40 4 | 4.99 | 05 | .. | .. | .. | .. | 04 | *10* | .. | .. | .. | *08* | *01*d | .. | .. | *04* | 66 | K | K0 |
| 3810 | Hydra | — | 2645 | 1721 | 13038 | 28.8 | −22 26 | 5.84 | *03* | .. | .. | 00 | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | *04* | *01* | A | A0 |
| 3811 | Lynx | — | 2226 | .. | .. | 29.1 | +40 24 | 6.56 | .. | .. | 11 | .. | .. | .. | *12* | .. | .. | .. | .. | R | .. | .. | .. | *01* | A | F2 |
| 3812 | Antlia | — | 5676 | .. | 13044 | 29.1 | −38 42 | 6.41 | .. | .. | .. | .. | .. | .. | *15* | 15 | .. | .. | .. | .. | .. | .. | .. | 13. | A | F2 |
| 3813 | Carina | — | 1025 | .. | 13068 | 29.5 | −66 17 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | K 5 | K0 |
| 3814 | Hydra | A 33 | 2840 | 1723 | 13050 | 29.6 | − 5 28 | 5.70 | *05* | .. | *10* | .. | .. | 04 | 11 | .. | 00 | .. | 06 | .. | .. | .. | *10* | 88 | K | K0 |
| 3815 | L. Min. | 11 | 1979 | 1722 | .. | 29.7 | +36 16 | 5.48 | *01* | .. | .. | .. | .. | 02 | .. | .. | 09 | .. | *05* | 18c | .. | .. | 02 | 69 | K | K0 |
| 3816 | Carina | R | 1253 | *3004* | 13073 | 29.7 | −62 21 | var. | .. | .. | .. | .. | v | .. | .. | .. | .. | v | .. | .. | v | .. | .. | v | Md | Md |
| 3817 | Vela | — | 4802 | *3006* | 13077 | 30.2 | −48 34 | 5.35 | .. | .. | .. | .. | *04* | .. | .. | 04 | .. | *42* | .. | .. | *20* | .. | *12* | 4. | B 3 | B3 |
| 3818 | Leo | 7 | *2077* | .. | .. | 30.5 | +14 49 | 6.21 | .. | .. | *02* | *07* | .. | 09 | .. | .. | *11* | .. | .. | 43b | .. | .. | .. | *24* | A | A0 |
| 3819 | Vela | L | 4270 | *3011* | 13090 | 30.7 | −50 49 | 5.16 | .. | .. | .. | .. | 02 | .. | .. | *02* | .. | .. | .. | .. | *16* | .. | 02 | 1. | B 8 | B3 |
| 3820 | Leo | — | 2011 | 1724 | .. | 30.8 | +31 37 | 5.74 | *04* | .. | .. | .. | .. | 00 | 04 | .. | .. | .. | *08* | *04*d | .. | .. | *04* | 104 | K | Ma |
| 3821 | Carina | H | 835 | *3014* | 13107 | 30.9 | −72 39 | 5.52 | .. | .. | .. | .. | *04* | .. | .. | 03 | .. | .. | .. | .. | *17* | .. | *03* | 20. | K | K2 |
| 3822 | Hydra | — | *2728* | .. | 13087 | 31.0 | −19 8 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *09* | A | A0 |
| 3823 | Antlia | — | 5803 | *3015* | 13092 | 31.0 | −35 23 | 6.48 | .. | .. | .. | .. | 11 | .. | *21* | 11 | .. | .. | .. | .. | .. | .. | .. | 10. | F | F5 |
| 3824 | U. Maj. | — | 602 | .. | .. | 31.2 | +67 43 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *21*d | .. | .. | .. | 34 | K | K5 |
| 3825 | Carina | h | 1576 | *3020* | 13112 | 31.5 | −58 47 | 4.20 | .. | .. | .. | .. | *02* | .. | .. | 01 | .. | 21 | .. | .. | 00 | .. | 00 | 5. | B 5 | B5 |
| 3826 | Leo | 8 | *2109* | 1725 | .. | 31.6 | +16 54 | 5.92 | 02 | .. | .. | .. | .. | *02* | .. | .. | *17* | .. | 26 | 02d | .. | .. | 11 | 28 | K | K0 |
| 3827 | Sextans | 1 | 2160 | 1726 | .. | 31.9 | + 7 17 | 5.14 | *16* | .. | .. | *20* | .. | 23 | 11 | .. | *19* | .. | *06* | 10c | .. | .. | 01 | 91 | G | K0 |
| 3828 | *Antlia* | — | 8263 | 1728 | 13114 | 32.0 | −24 16 | 6.52 | 17 | .. | .. | *26* | .. | 10 | *01* | .. | .. | .. | .. | .. | .. | .. | 03 | 7. | F | F2 |
| 3829 | Lynx | 42 | 2232 | 1727 | .. | 32.2 | +40 42 | 5.24 | 03 | .. | .. | .. | .. | *04* | .. | .. | 06 | .. | 09 | 26b | .. | .. | *02* | 03 | A 5 | A5 |
| 3830 | *Antlia* | — | 8272 | 1729 | 13122 | 32.5 | −24 51 | 5.94 | 04 | .. | .. | *13* | *16* | 22 | 04 | .. | .. | .. | .. | .. | .. | .. | 00 | 7. | K | K0 |
| 3831 | Vela | — | 4831 | .. | 13135 | 32.8 | −48 18 | 6.48 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | F | F0 |
| 3832 | Hydra | 34 | 2725 | .. | 13127 | 32.9 | − 8 59 | 6.38 | .. | .. | .. | 02 | .. | *03* | .. | .. | 02 | .. | .. | .. | .. | .. | .. | *37* | A | A0 |
| 3833 | Antlia | — | 7458 | *3028* | 13132 | 32.9 | −31 44 | 5.63 | .. | *06* | .. | .. | *06* | 09 | 09 | *04* | .. | .. | .. | .. | *13* | .. | *11* | 20. | K | K0 |
| 3834 | Sextans | 2 | 2207 | 1732 | .. | 33.2 | + 5 6 | 4.78 | 00 | .. | .. | *07* | .. | 08 | .. | .. | 02 | .. | *17* | 12d | .. | .. | 06 | 96 | G 5 | K0 |
| 3835 | Antlia | — | 5833 | .. | 13142 | 33.3 | −35 39 | 6.09 | .. | .. | .. | .. | .. | .. | *09* | 09 | .. | .. | .. | .. | .. | .. | .. | 15. | K | K0 |
| 3836 | Vela | M | 4836 | *3030* | 13145 | 33.3 | −48 55 | 4.49 | .. | .. | .. | .. | *08* | .. | .. | 08 | .. | 16 | .. | .. | 01 | .. | 06 | 10. | A 5 | A5 |
| 3837 | Vela | — | 2612 | .. | 13149 | 33.4 | −52 30 | 6.10 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 20. | G 5 | G5 |
| 3838 | U. Maj. | — | 531 | 1730 | .. | 33.7 | +69 42 | 5.74 | 08 | .. | 05 | .. | .. | *12* | *03* | .. | .. | .. | *12* | 17c | .. | .. | 02 | 60 | K | K0 |
| 3839 | U. Maj. | 27 | 466 | 1731 | .. | 33.8 | +72 42 | 5.39 | 09 | .. | .. | .. | .. | *09* | .. | .. | 11 | .. | 05 | *02*c | .. | .. | 08 | 54 | K | K0 |
| 3840 | Vela | — | 2646 | *3032* | 13157 | 33.8 | −53 13 | 5.53 | .. | .. | .. | .. | *05* | .. | .. | 05 | .. | .. | .. | .. | .. | .. | *05* | 7. | A 2 | A2 |
| 3841 | Carina | — | 1049 | .. | 13160 | 33.8 | −64 30 | 6.88 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | R | .. | .. | 1. | A | A2 |
| 3842 | Vela | y | 5462 | *3035* | 13159 | 34.1 | −42 45 | 5.50 | .. | .. | .. | .. | *09* | *09* | *05* | 21 | .. | 33 | .. | .. | 20 | .. | *10* | 17. | G | K0 |
| 3843 | Draco | — | 317 | .. | .. | 34.2 | +78 36 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03c | .. | .. | .. | 38 | K | G5 |
| 3844 | Antlia | — | 5697 | .. | 13166 | 34.6 | −39 10 | 6.66 | .. | .. | .. | .. | .. | .. | *20* | 20 | .. | .. | .. | .. | .. | .. | .. | 8. | F | F5 |
| 3845 | Hydra | ι 35 | 2231 | 1734 | 13164 | 34.7 | − 0 41 | 4.10 | 05 | .. | .. | .. | .. | *06* | .. | R | 05 | *13* | 26 | .. | .. | .. | 04 | 121 | K | K0 |
| 3846 | Hydra | 37 | *2898* | 1735 | 13169 | 34.9 | −10 7 | 6.19 | *15* | .. | 09 | .. | .. | 04 | 01 | .. | *19* | .. | .. | .. | .. | .. | *27* | *24* | A | B9 |
| 3847 | Draco | — | 319 | 1733 | .. | 35.4 | +79 36 | 6.13 | *02* | .. | 08 | *12* | .. | 05 | .. | .. | .. | .. | .. | 29b | .. | .. | *21* | *21* | A | F0 |
| 3848 | Hydra | — | 2888 | 1737 | 13181 | 35.4 | −10 19 | 6.19 | *21* | .. | 12 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | *19* | *14* | A | A2 |
| 3849 | Hydra | κ 38 | 2917 | 1739 | 13184 | 35.5 | −13 53 | 4.96 | *02* | .. | .. | .. | .. | 06 | *05* | R | 04 | .. | .. | .. | .. | 24 | *08* | 03 | B 3 | B3 |
| 3850 | Leo | — | 2026 | 1736 | .. | 35.7 | +31 43 | 6.08 | 02 | .. | .. | .. | .. | *03* | 00 | .. | .. | .. | 22 | *06*d | .. | .. | 22 | .. | K | K5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**9h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3851 | Lynx | 43 | 2241 | 1738 | .. | 35.8 | +40 13 | 5.50 | 03 | .. | .. | .. | .. | 03 | .. | .. | 00 | .. | 06 | 09c | .. | .. | 02 | 75 | K | K0 |
| 3852 | Leo | o 14 | 2044 | 1740 | .. | 35.8 | +10 21 | 3.76 | 04 | .. | .. | 04 | .. | 07 | .. | .. | 11 | .. | 01 | 12b | .. | .. | 15 | 50 | F 5 p | F5- Comp |
| 3853 | Leo | 13 | 1991 | .. | .. | 35.9 | +26 22 | 6.43 | .. | .. | .. | A | .. | .. | .. | .. | 07 | .. | .. | 11c | .. | .. | .. | 17 | K | K0 |
| 3854 | U. Maj. | — | 1868 | .. | .. | 36.2 | +48 53 | 6.34 | .. | .. | 02 | .. | .. | .. | 02 | .. | .. | .. | .. | 32a | .. | .. | .. | 36 | A | A0 |
| 3855 | U. Maj. | — | 1345 | .. | .. | 36.3 | +54 50 | 6.27 | .. | .. | 08 | .. | .. | 06 | 03 | .. | .. | .. | .. | 56b | .. | 26 | .. | 14 | A | A2 |
| 3856 | Carina | m | 1477 | 3053 | 13217 | 36.6 | −60 53 | 4.67 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | 05 | .. | .. | 27 | .. | 09 | 0. | B 9 | B9 |
| 3857 | L. Min. | 13 | 2042 | .. | .. | 36.7 | +35 32 | 6.03 | .. | .. | 01 | .. | .. | 01 | .. | .. | 23 | .. | .. | 35b | .. | 13 | .. | 28 | A 5 | F2 |
| 3858 | Hydra | I | 2684 | 1741 | 13213 | 36.7 | −23 8 | 4.74 | 12 | .. | .. | 13 | .. | 07 | 06 | R | .. | 12 | .. | .. | .. | .. | 06 | 18 | B 2 | B2 |
| 3859 | U. Maj. | — | 731 | .. | .. | 36.8 | +65 26 | 6.18 | .. | .. | 02 | .. | .. | 07 | 03 | .. | .. | .. | .. | 27b | .. | .. | .. | 06 | F | F2 |
| 3860 | Cham. | ζ | 365 | 3055 | 13246 | 36.8 | −80 30 | 5.24 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | 08 | .. | .. | 24 | .. | 07 | 0. | B | B3 |
| 3861 | Leo | f 15 | 1901 | 1742 | .. | 37.7 | +30 27 | 5.73 | 20 | .. | .. | .. | .. | 16 | 04 | .. | 13 | .. | 04 | 13a | .. | .. | 03 | 25 | A 3 | A2 |
| 3862 | Hydra | — | 8646 | 1743 | 13230 | 37.7 | −23 28 | 5.04 | 16 | .. | .. | 00 | .. | 20 | 05 | R | .. | 17 | .. | .. | .. | .. | 14 | 50 | F 5 | F0 |
| 3863 | Carina | — | 2228 | 3060 | 13234 | 37.7 | −57 32 | 5.36 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | .. | .. | .. | 19 | .. | 09 | 6. | A 2 | A2 |
| 3864 | Carina | — | 2435 | .. | 13238 | 37.9 | −56 48 | 5.83 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | K | K0 |
| 3865 | U. Maj. | 28 | 752 | .. | .. | 38.2 | +64 7 | 6.48 | .. | .. | 02 | .. | .. | .. | 02 | .. | R | .. | .. | 25b | .. | 05 | .. | 17 | F | F2 |
| 3866 | Leo | ψ 16 | 2136 | 1744 | .. | 38.3 | +14 29 | 5.62 | 04 | .. | 07 | .. | .. | 05 | 05 | .. | 13 | .. | 15 | 14d | .. | .. | 15 | 66 | Mb p | Ma |
| 3867 | Antlia | — | 6097 | 3063 | 13245 | 38.5 | −35 3 | 6.41 | .. | .. | .. | .. | 15 | .. | 16 | 01 | .. | .. | .. | .. | .. | .. | .. | 10. | A | B9 |
| 3868 | Vela | — | 2594 | .. | 13253 | 38.5 | −54 46 | 6.17 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | A | B5- |
| 3869 | Leo | — | 2251 | .. | .. | 38.9 | +19 20 | 6.64 | .. | .. | 16 | .. | .. | .. | 16 | .. | .. | .. | .. | 04c | .. | .. | .. | .. | G 5 | K0 |
| 3870 | U. Maj. | 44 | 1231 | 1745 | .. | 39.5 | +57 35 | 5.36 | 23 | .. | .. | .. | .. | 12 | 10 | .. | 04 | .. | 06 | 13d | .. | .. | 16 | 99 | Ma | Ma |
| 3871 | Antlia | θ | 6881 | 1746 | 13265 | 39.7 | −27 19 | 4.98 | 05 | .. | .. | 02 | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 23 | 51 | F 2 | F5 p |
| 3872 | Vela | — | 4420 | .. | 13274 | 39.9 | −50 46 | 6.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | A | B8 |
| 3873 | Leo | ε 17 | 2129 | 1747 | .. | 40.2 | +24 14 | 3.12 | 02 | .. | .. | .. | .. | 01 | .. | .. | 01 | 03 | 27 | 10c | .. | .. | 02 | 122 | G p | G0 p |
| 3874 | Antlia | — | 5850 | .. | 13276 | 40.2 | −39 7 | 6.70 | .. | .. | .. | .. | .. | .. | 21 | 20 | .. | .. | .. | .. | .. | .. | .. | 11. | A | A5- |
| 3875 | Vela | O | 2788 | 3069 | 13282 | 40.3 | −53 26 | 5.71 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | 16 | 3. | A | A0 |
| 3876 | Sextans | — | 2181 | 1748 | .. | 40.9 | + 7 10 | 5.99 | 01 | .. | .. | .. | .. | 05 | 05 | .. | .. | .. | 11 | 01d | .. | .. | 11 | .. | K p | Ma |
| 3877 | Leo | 18 | 2090 | 1749 | .. | 41.0 | +12 17 | 5.87 | 23 | .. | .. | .. | .. | 17 | 06 | .. | 23 | .. | 19 | 08d | .. | .. | 17 | .. | K 5 p | K5- |
| 3878 | Antlia | — | 7758 | .. | 13289 | 41.0 | −29 45 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 2. | B 2 | B2 |
| 3879 | Sextans | — | 2246 | 1750 | .. | 41.3 | + 2 15 | 5.69 | 00 | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | 07 | 17b | .. | .. | 04 | 12 | F 2 | F2 |
| 3880 | Leo | 19 | 2095 | .. | .. | 42.0 | +12 3 | 6.37 | .. | .. | .. | 07 | .. | 07 | .. | .. | 02 | .. | .. | 31a | .. | .. | .. | 00 | A | F0 |
| 3881 | U. Maj. | 15 | 1551 | 1751 | .. | 42.1 | +46 29 | 5.20 | 14 | .. | .. | .. | .. | 07 | 08 | .. | 10 | .. | 19 | 16c | .. | .. | 28 | 57 | F | G0 |
| 3882 | Leo | R | 2096 | 1752 | .. | 42.2 | +11 54 | var. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | .. | Md | Md |
| 3883 | Carina | — | 2499 | .. | 13332 | 42.5 | −56 44 | 6.58 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 68 | .. | .. | 3. | A | B8 |
| 3884 | Carina | l | 1333 | 3084 | 13336 | 42.5 | −62 3 | var. | .. | .. | .. | .. | v | .. | .. | v | .. | v | .. | .. | v | .. | v | v | G | G0 |
| 3885 | U. Maj. | — | 637 | .. | .. | 42.6 | +66 4 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 24b | .. | .. | .. | 10 | A | F0 |
| 3886 | Vela | — | 5846 | 3085 | 13331 | 42.6 | −44 18 | 5.68 | .. | .. | .. | .. | 06 | 21 | 14 | 27 | .. | 41 | .. | .. | 23 | .. | 13 | 6. | B | B3 |
| 3887 | Carina | — | 1640 | .. | 13345 | 42.9 | −58 20 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 53 | .. | .. | 9. | F 2 | F5- |
| 3888 | U. Maj. | υ 29 | 1268 | 1753 | .. | 43.9 | +59 31 | 3.89 | 09 | 04 | .. | .. | .. | 01 | 05 | .. | 31 | .. | 05 | 12b | .. | 08 | 16 | 67 | F | F0 — |
| 3889 | Leo | 20 | 2113 | 1755 | .. | 44.2 | +21 39 | 6.01 | 04 | .. | .. | .. | .. | 03 | 00 | .. | 09 | .. | .. | 23b | .. | .. | 17 | 21 | A | F0 |
| 3890 | Carina | υ | 1084 | 3095 | 13389 | 44.6 | −64 36 | 3.15 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | 04 | .. | .. | 28 | .. | 04 | 15. | F | F0 |
| 3891 | Carina | | | | 13390 | 44.6 | −64 36 | 6.03 | | | | | | | | | | | | | | | | | | |
| 3892 | Antlia | — | 5955 | .. | 13397 | 45.2 | −36 43 | 6.05 | .. | .. | .. | .. | .. | .. | 03 | 03 | .. | .. | .. | .. | .. | .. | .. | 16. | K | K0 |
| 3893 | Sextans | 4 | 2240 | .. | .. | 45.3 | + 4 49 | 6.24 | .. | .. | 03 | 04 | .. | 00 | .. | .. | 11 | .. | .. | 15b | .. | .. | .. | 15 | F 8 | F5- |
| 3894 | U. Maj. | φ 30 | 1331 | 1756 | .. | 45.4 | +54 32 | 4.54 | 11 | .. | .. | .. | .. | 14 | 04 | .. | 39 | .. | 19 | 20b | .. | .. | 17 | 01 | A 2 | A2 |
| 3895 | Vela | — | 2548 | .. | 13403 | 45.4 | −55 57 | 6.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19 | .. | .. | 15. | K | K0 |
| 3896 | Leo | 23 | 2164 | .. | .. | 45.6 | +13 33 | 6.70 | .. | .. | .. | A | .. | .. | .. | .. | 05 | .. | .. | 20d | .. | .. | .. | .. | K 5 | K5- |
| 3897 | Antlia | — | 5961 | .. | 13404 | 45.7 | −35 48 | 6.30 | .. | .. | .. | .. | .. | .. | 05 | 04 | .. | .. | .. | .. | .. | .. | .. | 15. | G 5 | K0 |
| 3898 | Vela | u | 5470 | 3110 | 13417 | 46.1 | −45 16 | 5.26 | .. | .. | .. | .. | 04 | 19 | .. | 16 | .. | 22 | .. | .. | .. | .. | 06 | 2. | A | B8 |
| 3899 | Sextans | 6 | 2794 | 1758 | 13412 | 46.2 | − 3 46 | 6.00 | 11 | .. | .. | .. | .. | 03 | 07 | .. | 25 | .. | .. | .. | .. | .. | 05 | 12 | A | A2 |
| 3900 | Leo | g 22 | 2169 | 1757 | .. | 46.3 | +24 52 | 5.33 | 04 | .. | 03 | .. | .. | 04 | 03 | .. | 03 | .. | 07 | 23b | .. | 05 | 26 | 33 | A | A2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



$9^h$

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3901 | Sextans | — | 2923 | .. | 13418 | 46.3 | − 5 43 | 6.52 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | G0 |
| 3902 | Cham. | ν | 598 | 3112 | 13447 | 46.3 | −76 19 | 5.35 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | 90 | .. | 07 | 20. | Ma | K0 |
| 3903 | Hydra | υ¹ 39 | 2963 | 1759 | 13425 | 46.7 | −14 23 | 4.29 | 01 | .. | 04 | .. | .. | 08 | 06 | R | 04 | 09 | .. | .. | .. | .. | 16 | 107 | G | K0 |
| 3904 | Vela | — | 5558 | .. | 13440 | 46.9 | −46 28 | 6.02 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | K | K0 |
| 3905 | Leo | μ 24 | 2019 | 1760 | .. | 47.1 | +26 29 | 4.10 | 04 | .. | .. | .. | .. | 05 | .. | .. | 10 | .. | 18 | 02d | .. | .. | 02 | 127 | K | K0 |
| 3906 | Sextans | 7 | 2280 | 1761 | .. | 47.1 | + 2 55 | 5.88 | 09 | .. | .. | .. | .. | 10 | .. | .. | 12 | .. | 26 | 34a | .. | 17 | 12 | 07 | A | A0 |
| 3907 | Sextans | — | 2573 | .. | .. | 47.1 | + 0 33 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25b | .. | .. | .. | .. | G | K0 |
| 3908 | Hydra | — | 2920 | .. | 13442 | 47.2 | −16 4 | 6.31 | .. | .. | 01 | .. | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 3909 | Sextans | γ 8 | 2909 | 1762 | 13448 | 47.5 | − 7 38 | 5.16 | 10 | .. | .. | .. | .. | 10 | 23 | 22 | 64 | .. | 18 | .. | .. | .. | 01 | 13 | A 2 | A2 |
| 3910 | Vela | — | 5499 | 3119 | 13451 | 47.5 | −45 44 | 5.72 | .. | .. | .. | .. | 11 | 08 | 04 | 01 | .. | 17 | .. | .. | .. | .. | 22 | 17. | K | K0 |
| 3911 | U. Maj. | — | 1151 | .. | .. | 47.7 | +61 36 | 6.42 | .. | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | .. | 04c | .. | .. | .. | 19 | K | K0 |
| 3912 | Vela | m | 5508 | 3121 | 13455 | 47.9 | −46 5 | 4.56 | .. | .. | .. | .. | 11 | 03 | R | 14 | .. | 15 | .. | .. | .. | .. | 04 | 25. | G 5 | G5 |
| 3913 | Carina | — | 1673 | .. | 13462 | 48.1 | −58 57 | 5.78 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | K | K2 |
| 3914 | Carina | — | 1335 | 3124 | 13466 | 48.1 | −62 17 | 5.59 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | 03 | 19. | K | K0 |
| 3915 | Sextans | — | 2224 | .. | .. | 48.5 | + 6 26 | 6.27 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19d | .. | .. | .. | .. | Ma | Ma |
| 3916 | *Antlia* | — | 7505 | 1764 | 13464 | 48.6 | −26 52 | 6.32 | 00 | .. | .. | 03 | .. | 03 | 01 | .. | .. | .. | .. | .. | .. | .. | 08 | 9. | G | F8 |
| 3917 | U. Maj. | 31 | 1698 | 1765 | .. | 49.2 | +50 17 | 5.34 | 04 | .. | .. | .. | .. | 06 | 01 | .. | 16 | .. | 19 | 16b | .. | .. | 14 | 07 | A 2 | A2 |
| 3918 | U. Maj. | — | 478 | 1763 | .. | 49.5 | +73 21 | 5.96 | 04 | .. | .. | 03 | .. | 00 | 01 | .. | .. | .. | .. | 12c | .. | .. | 02 | 44 | K | K0 |
| 3919 | *Hydra* | — | 7585 | 1768 | 13494 | 49.6 | −25 28 | 5.00 | 09 | .. | .. | 07 | .. | 09 | .. | 12 | .. | .. | .. | .. | .. | .. | 00 | 94 | K | K0 |
| 3920 | Vela | — | 2816 | 3137 | 13499 | 49.6 | −54 54 | 6.68 | .. | .. | .. | .. | 05 | .. | .. | 04 | .. | .. | .. | .. | 68 | .. | .. | 3. | K 5 | B0 |
| 3921 | Hydra | — | 2935 | .. | 13500 | 49.9 | −22 1 | 6.34 | .. | .. | .. | 06 | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | A 2 | A2 |
| 3922 | U. Maj. | — | 1224 | 1767 | .. | 50.2 | +57 54 | 5.99 | 20 | .. | .. | .. | .. | 11 | 08 | .. | .. | .. | 24 | 19c | .. | .. | 21 | 32 | K | G5 |
| 3923 | Hydra | — | 2810 | 1769 | 13506 | 50.2 | −18 32 | 5.16 | 13 | .. | .. | .. | .. | 07 | 08 | 12 | .. | .. | .. | .. | .. | .. | 03 | 95 | Ma | Ma |
| 3924 | Vela | — | 4622 | 3139 | 13512 | 50.2 | −50 40 | 6.00 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 00 | 10. | B | B3 |
| 3925 | Vela | — | 5987 | 3140 | 13518 | 50.4 | −44 49 | 5.75 | .. | .. | .. | .. | 06 | 29 | 05 | 29 | .. | 41 | .. | .. | .. | .. | 00 | 6. | A | B5 |
| 3926 | Leo | 10 | 2262 | 1770 | .. | 51.1 | + 9 24 | 5.93 | 02 | .. | .. | 14 | .. | 11 | 02 | .. | 08 | .. | .. | 12c | .. | .. | 32 | R | G 5 p | K0 |
| 3927 | Vela | — | 4801 | 3146 | 13535 | 51.1 | −49 46 | 5.89 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | 01 | 8. | A | A0 |
| 3928 | L. Min. | 19 | 2033 | 1771 | .. | 51.6 | +41 32 | 5.19 | 04 | .. | .. | .. | .. | 04 | .. | .. | 21 | .. | 01 | 15b | .. | .. | 05 | 37 | F | F5 |
| 3929 | U. Maj. | — | 1566 | .. | .. | 51.7 | +45 53 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 02c | .. | .. | .. | 20 | K | K0 |
| 3930 | Vela | — | 5626 | 3149 | 13556 | 51.9 | −40 21 | 6.34 | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19. | Ma | Ma |
| 3931 | *Hydra* | — | 7622 | 1772 | 13562 | 52.2 | −26 4 | 6.23 | 10 | .. | .. | 03 | .. | 08 | 01 | .. | .. | .. | .. | .. | .. | .. | 02 | 05 | A 5 | A2 |
| 3932 | Antlia | — | 6895 | .. | 13563 | 52.2 | −32 57 | 5.86 | .. | .. | .. | .. | .. | .. | 05 | 06 | .. | .. | .. | .. | .. | .. | .. | 13. | K | K0 |
| 3933 | *Antlia* | — | 7551 | 1773 | 13566 | 52.4 | −27 0 | 6.32 | 14 | .. | .. | 11 | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 09 | 7. | A 8 | A2 |
| 3934 | Camel. | — | 225 | .. | .. | 52.6 | +84 25 | 6.48 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 08d | .. | .. | .. | 64 | K | K0 |
| 3935 | Vela | — | 4662 | .. | 13585 | 52.7 | −50 52 | 6.47 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 07 | 8. | B | B3 |
| 3936 | Leo | — | 1824 | .. | .. | 52.8 | +28 15 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25c | .. | .. | .. | 34 | F | F0 |
| 3937 | Leo | ν 27 | 2183 | 1775 | .. | 52.8 | +12 55 | 5.18 | 12 | .. | .. | .. | .. | 13 | .. | .. | 22 | .. | 20 | 48b | .. | 18 | 06 | 05 | A | A0 |
| 3938 | Leo | 11 | 2269 | 1776 | .. | 52.9 | + 8 48 | 6.27 | 08 | .. | 05 | .. | .. | 04 | 10 | .. | 07 | .. | .. | 12c | .. | .. | 01 | .. | K | K0 |
| 3939 | U. Maj. | — | 1242 | 1774 | .. | 53.0 | +57 18 | 5.71 | 02 | .. | .. | .. | .. | 04 | 01 | .. | .. | .. | 18 | 06e | .. | .. | 01 | 67 | K | K5 |
| 3940 | Vela | φ | 3075 | 3155 | 13593 | 53.4 | −54 6 | 3.70 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | 21 | .. | .. | 15 | .. | 00 | 7. | B 5 | B5 |
| 3941 | Vela | — | 2980 | .. | 13601 | 53.6 | −52 10 | 6.15 | .. | .. | .. | .. | .. | .. | .. | A | .. | 01 | .. | .. | .. | .. | .. | 11. | B | B3 |
| 3942 | Leo | — | 1946 | 1777 | .. | 53.9 | +30 8 | 5.86 | 07 | .. | .. | .. | .. | 06 | .. | .. | .. | .. | 22 | 06c | .. | .. | 11 | 76 | K | K0 |
| 3943 | Vela | — | 5399 | .. | 13607 | 53.9 | −47 56 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 32 | 2. | A | B5 |
| 3944 | Carina | — | 953 | .. | 13623 | 54.4 | −70 55 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 0. | B | B0 |
| 3945 | Sextans | 12 | 2276 | 1780 | .. | 54.5 | + 3 52 | 6.63 | 02 | .. | 12 | .. | .. | 14 | .. | .. | 13 | .. | 10 | 32b | .. | .. | 02 | 00 | F | A5 |
| 3946 | Hydra | — | 8898 | 1781 | 13614 | 54.5 | −23 28 | 6.12 | 01 | .. | .. | 21 | .. | 06 | 07 | 21 | .. | .. | .. | .. | .. | .. | 02 | 03 | B 5 | B5 |
| 3947 | Antlia | η | 6050 | 3159 | 13618 | 54.6 | −35 25 | 5.25 | .. | 05 | .. | .. | 05 | 06 | 04 | 00 | .. | 53 | .. | .. | 05 | 05 | 01 | 18. | F 8 | F0 |
| 3948 | Carina | — | 1233 | .. | 13622 | 54.6 | −64 1 | 6.49 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K | K0 |
| 3949 | Carina | — | 1011 | .. | 13633 | 54.8 | −68 37 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | B 8 | B5 |
| 3950 | Leo | π 29 | 2301 | 1782 | .. | 54.9 | + 8 31 | 4.89 | 08 | .. | .. | 20 | .. | 00 | 13 | .. | 11 | .. | 28 | 13d | .. | .. | 07 | 134 | Ma | Ma |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**9h—10h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 3951 | L. Min. | 20 | 1964 | 1783 | .. | 55.3 | +32 26 | 5.60 | 37 | .. | .. | .. | .. | 22 | 14 | .. | 20 | .. | 41 | 00c | .. | .. | 04 | 46 | F 2 | $f_5$ |
| 3952 | Leo | — | 2164 | 1784 | .. | 57.2 | +22 26 | 5.59 | 06 | .. | .. | 14 | .. | 05 | 04 | .. | .. | .. | 10 | 31a | .. | .. | 10 | 04 | A | $B_3$ |
| 3953 | Vela | — | 2746 | .. | 13683 | 57.2 | −56 28 | 6.37 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | Ma | $f_5$ |
| 3954 | U. Maj. | — | 1348 | 1785 | .. | 58.0 | +54 23 | 5.74 | 05 | .. | 02 | .. | .. | 04 | 09 | .. | .. | .. | 16 | 24b | .. | .. | .. | 35 | F | $F_5$ |
| 3955 | Vela | — | 3087 | .. | 13702 | 58.0 | −52 53 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | 31 | .. | .. | .. | .. | .. | 7. | B | $B_5$ |
| 3956 | Antlia | — | 8034 | 3180 | 13705 | 58.3 | −30 6 | 6.62 | .. | .. | .. | .. | 03 | .. | 12 | 16 | .. | .. | .. | .. | .. | .. | .. | 8. | G 5 | $K_0$ |
| 3957 | Carina | — | 2770 | .. | 13714 | 58.5 | −56 52 | 6.07 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | K p | $K_0$ |
| 3958 | U. Maj. | — | 1384 | .. | .. | 58.6 | +52 50 | 6.15 | .. | .. | .. | .. | .. | 02 | 02 | .. | .. | .. | .. | 37a | .. | .. | 30 | 04 | A | $A_2$ |
| 3959 | Sextans | — | 2836 | .. | 13708 | 58.7 | − 9 5 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | $K_0$ |
| 3960 | Carina | — | 1695 | 3183 | 13720 | 58.8 | −59 56 | 6.11 | .. | .. | .. | .. | 17 | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | 7. | A 8 | $F_0$ |
| 3961 | Sextans | 13 | 2311 | 1786 | .. | 59.0 | + 3 42 | 6.42 | 05 | .. | .. | .. | .. | 06 | .. | .. | 28 | .. | 28 | 30b | .. | .. | 08 | 36 | A | $F_2$ |
| 3962 | Hydra | — | 8711 | 1787 | 13717 | 59.1 | −24 50 | 6.73 | 18 | .. | .. | 25 | 37 | 05 | .. | .. | .. | .. | .. | .. | .. | .. | 13 | 39 | A | $A_0$ |
| 3963 | Hydra | — | 3047 | .. | 13722 | 59.3 | −17 37 | 5.78 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 22 | A | $A_0$ |
| 3964 | Vela | — | 5759 | .. | 13726 | 59.4 | −46 9 | 6.27 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 21 | 5. | A | $A_0$ |
| 3965 | Hydra | — | 8973 | 1788 | 13732 | 59.8 | −23 48 | 5.80 | 07 | .. | .. | 20 | .. | 18 | 08 | 18 | .. | .. | .. | .. | .. | .. | 10 | 21 | A | $F_0$ |
| 3966 | Carina | — | 1752 | .. | 13741 | 59.8 | −59 41 | 6.02 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | A 5 | $A_5$ |
| 3967 | Carina | — | 1431 | .. | 13742 | 59.8 | −61 40 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 21. | K | $K_5$ |
| 3968 | Antlia | — | 6100 | .. | 13744 | 0.1 | −39 29 | 6.44 | .. | .. | .. | .. | .. | .. | 07 | 06 | .. | .. | .. | .. | .. | .. | .. | 16. | K | $K_0$ |
| 3969 | Leo | — | 2077 | .. | .. | 0.3 | +16 14 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 36b | .. | .. | .. | .. | F | $F_0$ |
| 3970 | Hydra | $\upsilon^2$ 40 | 3073 | 1789 | 13743 | 0.3 | −12 35 | 4.72 | 03 | .. | .. | .. | .. | 07 | 10 | 06 | 08 | 02 | .. | .. | .. | .. | 07 | 15 | A | $B_8$ |
| 3971 | Carina | — | 1441 | .. | 13756 | 0.5 | −61 24 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | A | $B_8$ |
| 3972 | Antlia | — | 6130 | .. | 13762 | 0.9 | −35 54 | 6.28 | .. | .. | .. | .. | .. | .. | 13 | 12 | .. | .. | .. | .. | .. | .. | .. | 7. | K | $K_0$ |
| 3973 | Sextans | 14 | 2259 | .. | .. | 1.5 | + 6 6 | 6.29 | .. | .. | .. | A | .. | .. | .. | .. | 11 | .. | .. | 07c | .. | .. | .. | 20 | F 5 | $f_5$ |
| 3974 | L. Min. | 21 | 2110 | 1792 | .. | 1.6 | +35 44 | 4.47 | 10 | .. | .. | 10 | .. | 03 | 02 | .. | 23 | .. | 05 | 24b | .. | .. | 16 | 39 | A 5 | $A_5$ |
| 3975 | Leo | $\eta$ 30 | 2171 | 1793 | .. | 1.9 | +17 15 | 3.58 | 01 | .. | .. | 04 | .. | 04 | .. | .. | 07 | .. | 10 | 24b | .. | .. | 21 | 32 | A p | $A_0 p$ |
| 3976 | Vela | — | 5806 | 3209 | 13797 | 2.2 | −46 53 | 5.22 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | 56 | .. | .. | .. | .. | 15 | 16. | K | $K_0$ |
| 3977 | Hydra | — | 2974 | 1794 | 13794 | 2.4 | −16 39 | 5.87 | 20 | .. | .. | .. | .. | 03 | 03 | 21 | .. | .. | .. | .. | .. | .. | 23 | 87 | K | $K_2$ |
| 3978 | Vela | R | 4471 | .. | 13800 | 2.4 | −51 42 | 6.76 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 26 | .. | .. | 12. | K p | $K_0$ |
| 3979 | L. Min. | — | 1982 | .. | .. | 2.5 | +32 6 | 6.18 | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | 28a | .. | .. | 08 | 26 | F | $F_5$ |
| 3980 | Leo | A 31 | 2112 | 1795 | .. | 2.6 | +10 30 | 4.58 | 02 | .. | .. | 02 | .. | 03 | .. | .. | 02 | .. | 29 | 06d | .. | .. | 09 | 140 | K 5 p | $K_2$ |
| 3981 | Sextans | 15 | 2615 | 1796 | .. | 2.9 | + 0 7 | 4.50 | 01 | .. | .. | .. | .. | 10 | 09 | .. | 10 | 12 | 39 | 18b | .. | .. | 07 | 00 | A | $A_0$ |
| 3982 | Leo | $\alpha$ 32 | 2149 | 1797 | .. | 3.0 | +12 27 | 1.34 | 08 | .. | .. | 11 | .. | 00 | 02 | .. | 36 | 19 | 17 | 39b | .. | .. | 02 | R | B 8 | $B_8$ |
| 3983 | Cham. | $\mu$ | 399 | 3212 | 13840 | 3.4 | −81 44 | 5.62 | .. | .. | .. | .. | 05 | .. | .. | 04 | .. | 43 | .. | .. | 12 | .. | 02 | 7. | A | $A_0$ |
| 3984 | Antlia | — | 6156 | .. | 13816 | 3.7 | −36 50 | 6.36 | .. | .. | .. | .. | .. | .. | 07 | 06 | .. | .. | .. | .. | .. | .. | .. | 6. | K | $K_0$ |
| 3985 | Hydra | — | 3000 | .. | .. | 3.8 | −10 24 | 6.46 | .. | .. | 05 | .. | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 17 | A | $A_0$ |
| 3986 | Hydra | — | 3036 | .. | 13813 | 3.8 | −15 7 | 6.16 | .. | .. | 10 | .. | .. | 04 | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 18 | A | $A_0$ |
| 3987 | L. Min. | — | 2063 | .. | .. | 4.9 | +41 10 | 6.51 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04c | .. | .. | .. | .. | K 5 | $K_0$ |
| 3988 | Hydra | — | 2818 | .. | 13837 | 5.0 | −11 36 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 16 | A | $A_2$ |
| 3989 | Sextans | 17 | 2972 | 3223 | 13838 | 5.1 | − 7 55 | 6.06 | .. | .. | .. | 26 | 14 | 02 | R | 10 | 01 | .. | 04 | .. | .. | .. | 06 | 02 | A | $A_0$ |
| 3990 | Vela | Q | 4507 | 3224 | 13850 | 5.1 | −51 19 | 5.10 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | 00 | .. | .. | 10 | .. | 10 | 6. | B 3 | $B_3$ |
| 3991 | Hydra | — | 3101 | 1799 | 13842 | 5.2 | −12 19 | 5.42 | 08 | .. | .. | .. | .. | 09 | .. | 01 | .. | .. | .. | .. | .. | .. | 06 | 31 | F | $F_0$ |
| 3992 | Antlia | — | 6194 | 3227 | 13847 | 5.2 | −35 22 | 6.28 | .. | .. | .. | .. | 20 | .. | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | 3. | F 8 | $F_0$ |
| 3993 | L. Min. | — | 2110 | 1798 | .. | 5.3 | +37 53 | 6.14 | 00 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | .. | 08d | .. | .. | 01 | .. | K | $K_0$ |
| 3994 | Hydra | $\lambda$ 41 | 2820 | 1800 | 13855 | 5.7 | −11 52 | 3.83 | 09 | .. | .. | .. | .. | 02 | 01 | 07 | 03 | 11 | .. | .. | .. | .. | 03 | 110 | K | $K_0$ |
| 3995 | Carina | — | 1248 | 3232 | 13875 | 5.9 | −65 19 | 5.36 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | 34 | .. | 14 | 18. | K | $K_0$ |
| 3996 | Sextans | 18 | 2977 | 1801 | 13859 | 6.0 | − 7 56 | 5.79 | 06 | .. | .. | .. | .. | 09 | R | 14 | 11 | .. | 09 | .. | .. | .. | 01 | .. | K | $K_0$ |
| 3997 | Cham. | — | 423 | 3235 | 13899 | 6.1 | −81 4 | 6.60 | .. | .. | .. | .. | 04 | .. | .. | 05 | .. | R | .. | .. | 45 | .. | .. | 12. | G | $G_5$ |
| 3998 | Leo | 34 | 2217 | .. | .. | 6.2 | +13 51 | 6.41 | .. | .. | .. | A | .. | .. | .. | .. | 19 | .. | .. | 17b | .. | .. | .. | 22 | A | $F_5$ |
| 3999 | Carina | S | 1701 | .. | 13882 | 6.2 | −61 4 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | Md | Md |
| 4000 | Sextans | — | 3096 | .. | 13871 | 6.3 | − 6 49 | 6.06 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 05 | A | $A_0$ |

1908AnHar..50....1P

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**10h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 4001 | Vela | — | 5658 | .. | 13881 | 6.4 | −41 13 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K | Ko |
| 4002 | Carina | — | 1034 | .. | 13897 | 7.0 | −68 11 | 6.06 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | A | Ao |
| 4003 | *Antlia* | — | *7266* | 1803 | 13894 | 7.4 | −28 6 | 6.10 | 00 | .. | .. | 04 | .. | 09 | *15* | .. | .. | .. | .. | .. | .. | .. | *02* | 10. | A | Ao |
| 4004 | Sextans | 19 | 2301 | 1802 | .. | 7.6 | + 5 7 | 5.91 | 07 | .. | 05 | *10* | .. | *05* | 02 | .. | 09 | .. | 13 | 03d | .. | .. | 09 | 53 | G 5 | Ko |
| 4005 | Hydra | — | 2870 | .. | 13906 | 7.9 | −18 39 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *08* | F 5 | F5 |
| 4006 | Leo | — | 1862 | .. | .. | 8.2 | +27 39 | 6.10 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 20c | .. | .. | .. | .. | G | B5 |
| 4007 | Carina | — | 1979 | .. | 13923 | 8.2 | −58 20 | 6.16 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 20. | Ma | Mb |
| 4008 | U. Maj. | U | 1246 | 1804 | .. | 8.3 | +60 31 | 6.35 | *16* | .. | 11 | .. | .. | 02 | 02 | .. | .. | .. | V | .. | .. | .. | R | V | K | Ma |
| 4009 | Carina | — | 2781 | .. | 13925 | 8.3 | −57 34 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | Ap | B2 |
| 4010 | Vela | — | 4560 | .. | 13930 | 8.6 | −51 40 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | K | Ko |
| 4011 | Hydra | — | 7752 | 1805 | 13929 | 8.7 | −26 32 | 6.21 | *01* | .. | .. | *05* | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | *11* | 10. | A 5 | F0 |
| 4012 | Leo | — | 2165 | .. | .. | 9.0 | +21 41 | 6.12 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 12b | .. | .. | .. | 40 | F 5 | F5 |
| 4013 | Antlia | — | 7158 | .. | 13935 | 9.0 | −32 32 | 6.44 | .. | .. | .. | .. | .. | .. | 09 | *08* | .. | .. | .. | .. | *54* | .. | .. | 10. | F 8 | g0 |
| 4014 | L. Min. | 22 | *2005* | 1806 | .. | 9.4 | +31 58 | 6.56 | 04 | .. | .. | .. | .. | 04 | *08* | .. | *06* | .. | *09* | 10c | .. | .. | *01* | .. | G | g5 |
| 4015 | Antlia | — | 6222 | *3254* | 13941 | 9.5 | −39 51 | 5.96 | .. | .. | .. | .. | 00 | .. | 06 | *06* | .. | .. | .. | .. | *26* | .. | .. | 15. | K | Ko |
| 4016 | Draco | — | 489 | .. | .. | 9.6 | +73 35 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30b | .. | .. | .. | *12* | F | F0 |
| 4017 | Vela | — | 4924 | *3255* | 13942 | 9.6 | −50 44 | 5.54 | .. | .. | .. | .. | 02 | .. | .. | *01* | .. | *33* | .. | .. | *34* | .. | 06 | 10. | A 5 | A5 |
| 4018 | Carina | — | 1974 | .. | 13947 | 9.6 | −59 25 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 0. | A | B3 |
| 4019 | Antlia | — | 6225 | *3256* | 13943 | 9.7 | −39 48 | 6.33 | .. | .. | .. | *09* | .. | 13 | *03* | | .. | .. | .. | .. | .. | .. | .. | 11. | G | Ko |
| 4020 | Vela | — | 4578 | *3258* | 13945 | 9.7 | −51 15 | 6.04 | .. | .. | .. | *05* | .. | .. | 06 | | .. | *71* | .. | .. | .. | .. | 16 | 10. | A 3 | A2 |
| 4021 | U. Maj. | — | 534 | .. | .. | 9.8 | +71 34 | 6.09 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | Rb | .. | .. | .. | 04 | A | A3 |
| 4022 | Carina | — | 1517 | *3260* | 13964 | 10.1 | −61 9 | 6.48 | .. | .. | .. | .. | 20 | .. | .. | *19* | .. | .. | .. | .. | .. | .. | .. | 3. | B 3 | B3 |
| 4023 | Vela | q | 5713 | *3265* | 13968 | 10.5 | −41 38 | 4.09 | .. | .. | .. | *13* | 20 | *13* | 06 | | .. | 09 | .. | .. | *09* | .. | *09* | 5. | A 2 | A2 |
| 4024 | L. Min. | 23 | *1981* | 1808 | .. | 10.6 | +29 48 | 5.35 | 04 | .. | 01 | .. | .. | *05* | .. | .. | 15 | .. | *06* | 38a | .. | .. | 13 | *03* | A | Ao |
| 4025 | Carina | M | 1273 | *3266* | 13983 | 10.7 | −65 52 | 5.37 | .. | .. | .. | .. | 02 | .. | .. | *02* | .. | *05* | .. | .. | *12* | .. | 03 | 8. | A 3 | A3 |
| 4026 | U. Maj. | 32 | 767 | 1807 | .. | 10.8 | +65 36 | 5.74 | *04* | 00 | .. | R | .. | 03 | 02 | .. | R | .. | 04 | 23b | .. | 07 | 06 | 08 | A 3 | A3 |
| 4027 | L. Min. | 24 | 2021 | .. | .. | 10.8 | +29 10 | 6.51 | .. | .. | 05 | .. | .. | *05* | .. | .. | 09 | .. | .. | 15b | .. | .. | .. | .. | F 8 | g0 |
| 4028 | Leo | — | 2338 | 1809 | .. | 10.8 | +18 14 | 6.56 | *01* | .. | .. | .. | .. | 11 | *10* | .. | .. | .. | .. | 30c | .. | .. | *07* | 04 | F 5 | F0 |
| 4029 | Antlia | — | *6260* | .. | 13978 | 11.0 | −36 1 | 6.25 | .. | .. | .. | .. | .. | .. | 01 | *01* | .. | .. | .. | .. | .. | .. | .. | 12. | K 5 | Ko |
| 4030 | Leo | 35 | 2207 | 1811 | .. | 11.0 | +24 0 | 5.91 | 13 | .. | .. | .. | .. | 21 | 04 | | R | .. | .. | 33c | | | | | G | g0 |
| 4031 | Leo | ζ 36 | *2209* | 1812 | .. | 11.1 | +23 55 | 3.65 | | | | | | 12 | *26* | .. | 03 | .. | *26* | 08c | | | 33 | 57 | F | F0 |
| 4032 | Leo | — | *2064* | 1813 | .. | 11.1 | +25 53 | 6.01 | 02 | .. | .. | .. | .. | *04* | 03 | .. | .. | .. | .. | *01*d | .. | .. | 04 | .. | K | Ko |
| 4033 | U. Maj. | λ 33 | 2005 | 1810 | .. | 11.1 | +43 25 | 3.52 | 05 | .. | .. | .. | .. | 05 | *10* | .. | 06 | .. | 00 | 16a | .. | .. | 28 | 33 | A | A2 |
| 4034 | Sextans | — | 3029 | .. | 13984 | 11.2 | −10 42 | 6.17 | .. | .. | *06* | .. | .. | 06 | 01 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | Ko |
| 4035 | Leo | 37 | 2228 | 1814 | .. | 11.3 | +14 13 | 5.74 | 13 | .. | .. | .. | .. | 06 | *20* | .. | 06 | .. | .. | *01*d | .. | .. | 16 | 79 | Ma | Ma |
| 4036 | Vela | — | 6074 | *3271* | 13991 | 11.3 | −42 36 | 5.77 | .. | .. | .. | *09* | 22 | *04* | *10* | | .. | *04* | .. | .. | .. | .. | 08 | 18. | K | K2 |
| 4037 | Carina | ω | 1178 | *3274* | 14008 | 11.4 | −69 32 | 3.56 | .. | .. | .. | 05 | .. | .. | *06* | | .. | *19* | .. | .. | *36* | .. | 01 | 6. | B 8 | B8 |
| 4038 | Vela | — | 3356 | *3277* | 14002 | 11.6 | −54 28 | 6.48 | .. | .. | .. | 02 | .. | .. | *02* | | .. | .. | .. | .. | .. | .. | *28* | 0. | B | B3 |
| 4039 | Leo | 39 | 2207 | .. | .. | 11.8 | +23 37 | 5.85 | .. | .. | .. | .. | .. | .. | A | .. | R | .. | .. | 17c | .. | .. | .. | 53 | F 5 | F5 |
| 4040 | Hydra | — | *2964* | .. | 14010 | 12.0 | −20 10 | 6.52 | .. | .. | 01 | .. | .. | .. | *02* | .. | .. | .. | .. | .. | .. | .. | .. | 6. | F | F5 |
| 4041 | Leo | — | *1867* | .. | .. | 12.6 | +27 55 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34a | .. | .. | .. | *15* | A | Bq |
| 4042 | Sextans | ε 22 | 3001 | 1815 | 14031 | 12.7 | − 7 34 | 5.40 | *04* | .. | .. | .. | .. | *02* | .. | 06 | 00 | .. | 07 | .. | .. | .. | 00 | 33 | A | F0 |
| 4043 | Carina | — | 2008 | .. | 14038 | 12.7 | −59 24 | 6.44 | .. | .. | .. | .. | .. | .. | A | | .. | .. | .. | .. | .. | .. | .. | 7. | A | A2 |
| 4044 | U. Maj. | — | 1761 | .. | .. | 12.8 | +47 17 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06d | .. | .. | .. | .. | K | Ko |
| 4045 | Vela | — | 4990 | .. | 14039 | 12.8 | −50 42 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | Mb | Mb |
| 4046 | U. Maj. | — | *1940* | 1818 | .. | 13.2 | +48 55 | 6.15 | 02 | .. | 02 | .. | .. | 02 | *07* | .. | .. | .. | .. | 04d | .. | .. | 05 | 41 | K | Ko |
| 4047 | U. Maj. | — | 568 | 1817 | .. | 13.4 | +69 15 | 5.84 | 07 | .. | .. | .. | .. | 03 | *10* | .. | .. | .. | 04 | 28b | .. | .. | 12 | 07 | A | F0 |
| 4048 | Leo | — | 2231 | .. | .. | 13.4 | +25 14 | 6.60 | .. | .. | *04* | .. | .. | .. | 04 | .. | .. | .. | .. | *12*d | .. | .. | .. | .. | K 2 | Ko |
| 4049 | *Antlia* | — | 8070 | 1820 | 14045 | 13.5 | −28 30 | 5.62 | *09* | .. | .. | *13* | .. | 10 | *02* | 12 | .. | .. | .. | .. | .. | .. | *04* | 39 | A | Bq |
| 4050 | Carina | q | 1817 | *3293* | 14054 | 13.7 | −60 50 | 3.44 | .. | .. | .. | *02* | .. | .. | .. | 02 | .. | *04* | .. | .. | 26 | .. | *04* | 27. | K 5 | K5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**10h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 4051 | U. Maj. | — | 1366 | 1819 | .. | 13.8 | +54 18 | 6.44 | 02 | .. | 08 | .. | .. | 06 | .. | .. | .. | .. | 12 | 24b | .. | .. | 06 | 18 | F 8 | F8 |
| 4052 | U. Maj. | — | 1367 | .. | .. | 14.1 | +54 43 | 6.22 | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | 04c | .. | .. | .. | 34 | G 5 | K0 |
| 4053 | Antlia | — | 6281 | .. | 14059 | 14.2 | −36 19 | 6.40 | .. | .. | .. | .. | .. | .. | 04 | 03 | .. | .. | .. | .. | .. | .. | .. | 10. | K 5 | K0 |
| 4054 | Leo | 40 | 2466 | 1821 | .. | 14.3 | +19 59 | 4.97 | 02 | .. | .. | .. | .. | 11 | 13 | .. | 03 | .. | .. | 12b | .. | .. | 01 | 34 | F 5 | F5 |
| 4055 | Hydra | — | 2851 | 1822 | 14060 | 14.3 | −12 2 | 6.16 | 06 | .. | .. | .. | .. | 04 | 03 | .. | .. | .. | .. | .. | .. | .. | 06 | 17 | A | F0 |
| 4056 | Vela | — | 5765 | .. | 14061 | 14.3 | −41 11 | 6.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | A | A0 |
| 4057 | Leo | γ 41 | 2467 | 1823 | .. | 14.5 | +20 21 | 2.61 | 06 | .. | .. | .. | .. | 05 | .. | .. | 10 | 28 | 18 | 13e | .. | .. | 40 | 142 | K | K0 |
| 4058 | Leo | | | 1824 | | 14.5 | +20 21 | 3.80 | | | | | | | | | | | | | | | | | | |
| 4059 | Sextans | — | 2840 | .. | 14062 | 14.5 | − 4 37 | 6.44 | .. | .. | 02 | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | K0 |
| 4060 | Sextans | — | 2897 | .. | 14075 | 15.0 | − 8 34 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 34 | 08 | A | F2 |
| 4061 | Vela | — | 3220 | .. | 14083 | 15.0 | −55 37 | 6.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | F 8 | F8 |
| 4062 | Camel. | — | 234 | 1816 | .. | 15.2 | +84 46 | 5.64 | 06 | .. | 04 | .. | .. | 11 | .. | .. | .. | .. | 30 | 05b | .. | .. | 09 | 07 | A | A3 |
| 4063 | Vela | — | 3474 | 3308 | 14105 | 15.8 | −54 32 | 4.58 | .. | .. | .. | .. | 11 | .. | .. | 12 | .. | 36 | .. | .. | 47 | .. | 03 | 26. | K | K0 |
| 4064 | Sextans | 23 | 2352 | 1825 | .. | 15.9 | + 2 47 | 6.47 | 13 | .. | .. | .. | .. | 13 | .. | .. | 03 | .. | 32 | 42a | .. | 20 | 13 | 16 | A | B3 |
| 4065 | Carina | — | 1248 | .. | 14115 | 16.0 | −64 11 | 6.24 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | A | A0 |
| 4066 | Vela | — | 5790 | 3312 | 14114 | 16.2 | −47 12 | 5.62 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 14 | 18. | K | K0 |
| 4067 | U. Maj. | — | 2076 | .. | .. | 16.3 | +41 44 | 5.88 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 08b | .. | .. | .. | 28 | G | F5 |
| 4068 | Hydra | — | 3129 | .. | 14112 | 16.3 | −17 29 | 6.55 | .. | .. | .. | 05 | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | F 5 | F5 |
| 4069 | U. Maj. | μ 34 | 2115 | 1827 | .. | 16.4 | +42 0 | 3.21 | 09 | .. | .. | 03 | .. | 03 | 09 | .. | 26 | 18 | 09 | 08e | .. | .. | 11 | 167 | K 5 | K5 |
| 4070 | Leo | 42 | 2192 | 1828 | .. | 16.5 | +15 29 | 6.10 | 11 | .. | 06 | .. | .. | 03 | 02 | .. | 10 | .. | .. | 32b | .. | 22 | 02 | 21 | A | B9 |
| 4071 | Hydra | — | 2904 | .. | 14123 | 16.8 | −23 13 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14 | F 5 | A3 |
| 4072 | U. Maj. | — | 664 | 1829 | .. | 16.9 | +66 4 | 4.92 | 08 | 05 | .. | R | .. | 00 | 01 | .. | .. | .. | 09 | 28b | .. | 13 | 03 | 20 | A | A0 |
| 4073 | Hydra | — | 3045 | .. | 14126 | 16.9 | −22 2 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14 | A | A0 |
| 4074 | Vela | J | 3286 | 3317 | 14145 | 17.2 | −55 33 | 4.65 | .. | .. | .. | .. | 21 | .. | .. | 21 | .. | 07 | .. | .. | 25 | .. | 10 | 2. | B 5 p | B5p |
| 4075 | L. Min. | 27 | 2120 | 1830 | .. | 17.4 | +34 25 | 5.83 | 07 | .. | 11 | .. | .. | 04 | 01 | .. | 07 | .. | 25 | 32b | .. | .. | 07 | 10 | A 3 | A3 |
| 4076 | Hydra | — | 2987 | .. | 14142 | 17.4 | −19 22 | 6.12 | .. | .. | 03 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | A | A0 |
| 4077 | Leo | 43 | 2289 | .. | .. | 17.8 | + 7 4 | 6.28 | .. | .. | .. | A | .. | .. | .. | .. | 18 | .. | .. | 05d | .. | .. | .. | .. | K 2 | K0 |
| 4078 | L. Min. | — | 2005 | .. | .. | 18.1 | +30 7 | 6.46 | .. | .. | 00 | .. | .. | .. | 01 | .. | .. | .. | .. | 02c | .. | .. | .. | .. | K | K0 |
| 4079 | Leo | — | 2301 | .. | .. | 18.1 | + 6 12 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28b | .. | .. | .. | 06 | F 2 | F2 |
| 4080 | Vela | r | 5809 | 3323 | 14156 | 18.1 | −41 9 | 4.99 | .. | .. | .. | .. | 11 | 19 | 02 | 06 | .. | .. | .. | .. | .. | .. | 19 | 16. | K 5 | K5 |
| 4081 | L. Min. | 28 | 2123 | 1832 | .. | 18.4 | +34 13 | 5.78 | 09 | .. | .. | .. | .. | 08 | .. | .. | 27 | .. | .. | 11d | .. | .. | 12 | 82 | K | K0 |
| 4082 | Sextans | 25 | 2911 | 1833 | 14163 | 18.4 | − 3 35 | 6.10 | 17 | .. | .. | .. | .. | 03 | .. | 21 | 50 | .. | .. | .. | .. | 05 | 15 | 25 | A | B9 |
| 4083 | Antlia | — | 8306 | .. | 14171 | 18.6 | −29 40 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11. | F | F0 |
| 4084 | Camel. | — | 297 | 1831 | .. | 18.9 | +83 4 | 5.34 | 05 | .. | 02 | .. | .. | 08 | .. | .. | .. | .. | 26 | 08b | .. | 01 | 05 | 27 | F 5 | F2 |
| 4085 | Sextans | — | 2358 | .. | .. | 19.1 | + 2 52 | 6.43 | .. | .. | .. | .. | .. | 00 | 00 | .. | .. | .. | .. | 06d | .. | .. | .. | R | G | K0 |
| 4086 | Antlia | — | 6509 | 3333 | 14191 | 19.1 | −37 31 | 5.40 | .. | 06 | .. | .. | 11 | 09 | 02 | 08 | .. | .. | .. | .. | 05 | 06 | 02 | 8. | A | A3 |
| 4087 | Vela | — | 5833 | .. | 14196 | 19.4 | −41 27 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | G | K0 |
| 4088 | Leo | 44 | 2351 | 1835 | .. | 20.0 | + 9 17 | 5.92 | 23 | .. | .. | 07 | .. | 13 | 02 | .. | 08 | .. | 31 | 14d | .. | .. | 08 | 84 | Ma | Ma |
| 4089 | Carina | L | 1243 | 3344 | 14216 | 20.0 | −66 24 | 5.28 | .. | .. | .. | .. | 10 | .. | .. | 11 | .. | 01 | .. | .. | 03 | .. | 02 | 7. | A | B8 |
| 4090 | L. Min. | 30 | 2128 | 1834 | .. | 20.2 | +34 18 | 4.83 | 24 | .. | .. | .. | .. | 13 | 11 | .. | 47 | .. | 00 | 13b | .. | 07 | 35 | 12 | F | F0 |
| 4091 | Carina | — | 3127 | .. | 14218 | 20.2 | −57 27 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | K | K2 |
| 4092 | Sextans | — | 3146 | 1836 | 14225 | 20.8 | − 6 34 | 5.85 | 19 | .. | .. | .. | .. | 01 | R | 21 | .. | .. | .. | .. | .. | .. | 15 | 62 | A | K5 |
| 4093 | Vela | — | 5850 | .. | 14231 | 21.0 | −41 58 | 6.33 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 4094 | Hydra | μ 42 | 3052 | 1837 | 14236 | 21.3 | −16 20 | 4.06 | 08 | .. | .. | .. | .. | 03 | 01 | 08 | 04 | 06 | .. | .. | .. | .. | 02 | 143 | K 5 | K5 |
| 4095 | Carina | — | 3164 | .. | 14244 | 21.4 | −58 5 | 6.22 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | F | F0 |
| 4096 | U. Maj. | — | 2123 | .. | .. | 21.6 | +42 6 | 5.80 | .. | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | 70a | .. | 30 | .. | 22 | A | A2 |
| 4097 | Leo | — | 2487 | .. | .. | 21.6 | +19 52 | 6.29 | .. | .. | 14 | .. | .. | 11 | 02 | .. | .. | .. | .. | 07c | .. | .. | .. | .. | K | K0 |
| 4098 | U. Maj. | — | 1961 | 1838 | .. | 21.9 | +49 21 | 6.50 | 10 | .. | 02 | .. | .. | 07 | .. | .. | .. | .. | 33 | 10b | .. | .. | 10 | 00 | F 8 | G0 |
| 4099 | Vela | — | 6222 | .. | 14250 | 21.9 | −42 14 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | G 5 | K2 |
| 4100 | L. Min. | 31 | 2080 | 1840 | .. | 22.1 | +37 13 | 4.41 | 01 | .. | .. | .. | .. | 01 | .. | .. | 29 | .. | 23 | 08c | .. | .. | 07 | 86 | K | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908A



**10h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 4101 | Leo | 45 | 2152 | 1841 | .. | 22.3 | +10 16 | 5.87 | 03 | .. | 07 | .. | .. | 03 | .. | .. | 13 | .. | 09 | 39b | .. | .. | 08 | 01 | A | A0 |
| 4102 | Carina | I | 733 | 3359 | 14276 | 22.4 | −73 32 | 4.08 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | 07 | .. | .. | 43 | .. | 00 | 10. | F5 | F5 |
| 4103 | U. Maj. | — | 1832 | .. | .. | 22.6 | +45 43 | 6.49 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | 00d | .. | .. | .. | .. | K | K0 |
| 4104 | Antlia | α | 8465 | 3360 | 14266 | 22.6 | −30 34 | 4.42 | 08 | 02 | .. | .. | 19 | 01 | 07 | 02 | .. | 04 | .. | .. | 57 | .. | 02 | 24. | K5 | K5 |
| 4105 | Carina | — | 735 | .. | 14283 | 22.7 | −73 28 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | A2 | A2 |
| 4106 | U. Maj. | 35 | 671 | .. | .. | 22.8 | +66 8 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | R | .. | .. | 20c | .. | .. | .. | 48 | K | K0 |
| 4107 | Vela | — | 3651 | 3366 | 14277 | 23.0 | −54 22 | 5.58 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | 00 | 18. | K | K0 |
| 4108 | U. Maj. | — | 789 | 1843 | .. | 23.6 | +64 45 | 6.00 | 12 | .. | 05 | .. | .. | 07 | 02 | .. | .. | .. | 03 | 44b | .. | .. | 10 | 07 | A | A3 |
| 4109 | Sextans | — | 2929 | .. | 14288 | 23.7 | − 3 14 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 49 | 02 | A | A0 |
| 4110 | Carina | — | 3256 | 3369 | 14295 | 23.7 | −57 8 | 4.94 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | 00 | .. | .. | 09 | .. | 06 | 15. | F5p | F5p |
| 4111 | Vela | — | 5655 | .. | 14300 | 23.9 | −48 54 | 6.04 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | K | K2 |
| 4112 | U. Maj. | 36 | 1459 | 1844 | .. | 24.2 | +56 30 | 4.84 | 05 | .. | .. | .. | .. | 04 | 02 | .. | 01 | .. | 14 | 28b | .. | .. | 14 | 76 | F | F5 |
| 4113 | L. Min. | 32 | 2357 | 1845 | .. | 24.2 | +39 26 | 5.87 | 10 | .. | 00 | .. | .. | 10 | .. | .. | 03 | .. | 20 | 19a | .. | .. | 02 | 15 | A | A2 |
| 4114 | Carina | s | 2227 | 3374 | 14304 | 24.2 | −58 14 | 4.08 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | 17 | .. | .. | 03 | .. | 10 | 7. | F | F0 |
| 4115 | Carina | — | 1354 | 3376 | 14310 | 24.3 | −65 12 | 6.20 | .. | .. | .. | .. | 08 | .. | .. | 07 | .. | .. | .. | .. | 45 | .. | .. | 4. | A2 | A0 |
| 4116 | Sextans | δ 29 | 2395 | 1846 | 14302 | 24.4 | − 2 14 | 5.24 | 07 | .. | 10 | 07 | .. | 11 | .. | 14 | 41 | .. | 09 | .. | .. | .. | 04 | 01 | B9 | B9 |
| 4117 | Hydra | — | 8381 | 1848 | 14314 | 24.9 | −29 9 | 5.80 | 10 | .. | .. | 04 | .. | 05 | 01 | R | .. | .. | .. | .. | .. | .. | 10 | 21. | K | K5 |
| 4118 | Antlia | δ | 8383 | 3380 | 14319 | 25.0 | −30 5 | 5.65 | 09 | 15 | .. | .. | 17 | 04 | 18 | 26 | .. | .. | .. | .. | R | .. | 17 | 6. | B9 | B9 |
| 4119 | Sextans | 30 | 2663 | 1850 | .. | 25.2 | − 0 8 | 4.95 | 01 | .. | 01 | 10 | .. | 09 | .. | .. | 10 | .. | 07 | 48b | .. | .. | 05 | 09 | B5 | B5 |
| 4120 | Carina | — | 1440 | 3385 | 14337 | 25.5 | −63 40 | 5.25 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | R | .. | 05 | 29. | K5 | K5 |
| 4121 | Camel. | — | 343 | 1847 | .. | 25.7 | +81 1 | 6.56 | 06 | .. | 11 | .. | .. | 06 | .. | .. | .. | .. | .. | 14c | .. | .. | 27 | 11 | K | G5 |
| 4122 | Sextans | — | 3173 | 1853 | 14336 | 26.0 | − 7 7 | 6.40 | 04 | .. | .. | .. | .. | 01 | 02 | .. | .. | .. | .. | .. | .. | .. | 02 | .. | K | K5 |
| 4123 | Hydra | — | 3181 | 1854 | 14339 | 26.1 | −13 5 | 5.51 | 17 | .. | .. | .. | .. | 09 | 07 | R | .. | .. | .. | .. | .. | 24 | 19 | 03 | B9 | B9 |
| 4124 | L. Min. | 33 | 1999 | 1852 | .. | 26.2 | +32 54 | 5.83 | 16 | .. | .. | 04 | .. | 11 | .. | .. | 13 | .. | .. | 49a | .. | .. | 05 | 02 | A | B9 |
| 4125 | Hydra | — | 8084 | 1855 | 14344 | 26.2 | −25 59 | 6.45 | 07 | .. | .. | 00 | .. | 02 | 10 | .. | .. | .. | .. | .. | .. | .. | 00 | 8. | F | F5 |
| 4126 | Draco | — | 393 | 1851 | .. | 26.6 | +76 14 | 5.04 | 06 | .. | .. | .. | .. | 06 | .. | .. | .. | .. | 10 | 04c | .. | .. | 11 | 81 | K | G5 |
| 4127 | Leo | 46 | 2255 | 1856 | .. | 26.9 | +14 39 | 5.74 | 03 | .. | 00 | .. | .. | 00 | 02 | .. | 06 | .. | 02 | 33e | .. | .. | 06 | 60 | Ma | Ma |
| 4128 | Carina | — | 1944 | .. | 14362 | 27.1 | −60 51 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | ~~A~~ | ~~B8~~ Ma/Ma |
| 4129 | Carina | — | 1291 | .. | 14363 | 27.1 | −66 29 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | B8 | B5 |
| 4130 | Hydra | — | 7503 | 1858 | 14357 | 27.2 | −27 44 | 5.98 | 02 | .. | .. | 06 | .. | 09 | .. | .. | .. | .. | .. | .. | .. | .. | 11 | 8. | F | F8 |
| 4131 | U. Maj. | — | 1381 | .. | .. | 27.5 | +54 0 | 6.39 | .. | .. | 12 | .. | .. | 12 | 00 | .. | .. | .. | .. | 35a | .. | 21 | .. | 27 | A | A0 |
| 4132 | U. Maj. | — | 2101 | 1857 | .. | 27.5 | +40 57 | 4.84 | 26 | .. | .. | .. | .. | 11 | 15 | .. | .. | .. | 27 | 18b | .. | .. | 44 | 06 | F | A5 |
| 4133 | Leo | ρ 47 | 2166 | 1859 | .. | 27.5 | + 9 49 | 3.85 | 14 | .. | 28 | 07 | .. | 07 | .. | .. | 05 | .. | 11 | 13b | .. | .. | 00 | 14 | Bp | B0p |
| 4134 | Vela | — | 3909 | 3394 | 14369 | 27.5 | −53 13 | 5.08 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 28 | .. | 13 | 13. | F | B0 |
| 4135 | Vela | — | 6582 | 3398 | 14372 | 27.7 | −44 34 | 6.19 | | | | | | | | | | | | | | | | | | |
| 4136 | Vela | s | 6583 | 3397 | 14373 | 27.7 | −44 33 | 6.54 | .. | .. | .. | .. | 22 | 25 | 14 | 15 | .. | .. | .. | .. | .. | .. | 10 | 3. | A | B8 |
| 4137 | L. Min. | 34 | 2154 | 1860 | .. | 27.8 | +35 31 | 5.58 | 04 | .. | .. | .. | .. | 05 | .. | .. | 12 | .. | 03 | 32a | .. | .. | 08 | 09 | A2 | A2 |
| 4138 | Carina | K | 1034 | 3399 | 14383 | 27.8 | −71 29 | 4.94 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | 02 | .. | .. | 24 | .. | 06 | 9. | A2 | A2 |
| 4139 | Vela | — | 6347 | .. | 14384 | 28.3 | −44 6 | 6.05 | .. | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | .. | .. | 05 | 14. | G | K0 |
| 4140 | Carina | p | 1704 | 3406 | 14392 | 28.5 | −61 11 | 3.58 | .. | .. | .. | .. | 04 | .. | .. | 05 | .. | 08 | .. | .. | 13 | .. | 07 | 5. | B5p | B5p |
| 4141 | U. Maj. | 37 | 1277 | 1861 | .. | 28.7 | +57 36 | 5.16 | 00 | .. | .. | .. | .. | 06 | 06 | .. | 11 | .. | 22 | 20b | .. | .. | 22 | 47 | F | F0 |
| 4142 | Carina | — | 981 | 3408 | 14405 | 28.7 | −72 43 | 4.90 | .. | .. | .. | .. | 08 | .. | .. | 07 | .. | 42 | .. | .. | 10 | .. | 02 | 28. | K5 | K5 |
| 4143 | Vela | t | 6205 | 3409 | 14397 | 28.8 | −46 30 | 5.11 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | 12 | .. | .. | 06 | .. | 05 | 22. | K | K0 |
| 4144 | Carina | — | 2285 | .. | 14404 | 29.0 | −58 9 | 6.19 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | A2 | A2p |
| 4145 | Hydra | 44 | 2946 | 1862 | 14403 | 29.2 | −23 14 | 5.32 | 10 | .. | .. | 07 | .. | 01 | 06 | 10 | 08 | .. | .. | .. | .. | .. | 12 | 23. | K | K2 |
| 4146 | Leo | 48 | 2330 | 1863 | .. | 29.6 | + 7 28 | 5.17 | 02 | .. | .. | 08 | .. | 09 | 01 | .. | 33 | .. | 15 | 11d | .. | .. | 03 | 86 | G | K0 |
| 4147 | Carina | — | 3431 | .. | 14417 | 29.6 | −57 41 | 6.25 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | B8 | B8 |
| 4148 | Leo | 49 | 2374 | 1864 | .. | 29.8 | + 9 10 | 5.70 | 04 | .. | 02 | 01 | .. | 10 | 03 | .. | 00 | .. | .. | 24b | .. | .. | 16 | 04 | A | A0 |
| 4149 | Hydra | — | 2952 | 1865 | 14426 | 30.2 | −22 40 | 6.16 | 13 | .. | .. | 00 | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | 01 | 24 | G2 | F5 |
| 4150 | L. Min. | 35 | 2100 | 1866 | .. | 30.6 | +36 51 | 6.27 | 07 | .. | .. | .. | .. | 04 | 03 | .. | 07 | .. | 09 | 27b | .. | .. | 02 | 70 | A | F2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**10h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 4151 | Carina | – | 1983 | .. | 14441 | 30.6 | −60 29 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | K | $K_2$ |
| 4152 | Hydra | – | *3187* | .. | 14437 | 30.8 | −18 3 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *36* | A | $A_0$ |
| 4153 | Antlia | U | *6579* | *3423* | 14440 | 30.8 | −39 3 | 5.75 | .. | 15 | .. | .. | *34* | 15 | 26 | *20* | .. | .. | .. | .. | .. | .. | *30* | 20. | N | N |
| 4154 | Vela | – | 6395 | .. | 14443 | 30.9 | −43 9 | 6.20 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | G | $G_5$ |
| 4155 | Sextans | – | *3108* | .. | 14450 | 31.3 | −10 4 | 6.50 | .. | .. | *04* | .. | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 05 | A | $A_5$ |
| 4156 | Hydra | *1* | 3087 | .. | 14453 | 31.4 | −15 50 | 6.23 | .. | .. | *23* | 22 | .. | 00 | .. | .. | *61* | .. | .. | .. | .. | .. | .. | .. | K | $K_5$ |
| 4157 | Hydra | – | 8022 | 1867 | 14455 | 31.4 | −26 10 | 6.25 | *14* | .. | .. | 02 | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | *05* | 8. | F | $F_8$ |
| 4158 | Hydra | – | 2918 | .. | 14463 | 31.5 | −11 42 | 5.85 | .. | .. | .. | *08* | .. | 02 | .. | 05 | .. | .. | .. | .. | .. | .. | .. | 31 | F | $F_8$ |
| 4159 | Carina | r | *3544* | *3428* | 14478 | 31.8 | −57 3 | 4.54 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | .. | .. | .. | 26 | .. | 01 | 27. | K 5 | $K_5$ |
| 4160 | Hydra | – | *3094* | .. | 14486 | 32.2 | −11 4 | 6.52 | .. | .. | *02* | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 02 | F | $F_0$ |
| 4161 | Cham. | – | 449 | *3431* | 14523 | 32.4 | −81 25 | 7.02 | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | *82* | .. | .. | 1. | A | $B_8$ |
| 4162 | Hydra | – | 8033 | 1870 | 14493 | 32.5 | −26 53 | 5.08 | 11 | .. | .. | 01 | .. | *03* | *11* | 01 | .. | .. | .. | .. | .. | .. | 12 | 19. | Ma p | $K_5$ |
| 4163 | Hydra | U | 3218 | 1869 | R | 32.6 | −12 52 | var. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | .. | N | N |
| 4164 | Carina | $t^1$ | *2371* | *3432* | 14504 | 32.6 | −59 3 | 5.26 | .. | .. | .. | .. | 02 | .. | .. | *03* | .. | .. | .. | .. | *06* | .. | 04 | 20. | K | $K_0$ |
| 4165 | U. Maj. | – | 1387 | 1871 | .. | 32.9 | +54 12 | 5.72 | 07 | .. | 04 | .. | .. | *12* | 02 | .. | .. | .. | *01* | *09*c | .. | .. | *07* | 87 | K | $K_0$ |
| 4166 | L. Min. | 37 | 2061 | 1872 | .. | 33.1 | +32 30 | 4.77 | *01* | .. | .. | *03* | .. | 03 | .. | .. | 33 | .. | 10 | 13d | .. | .. | 07 | 74 | G | $G_0$ |
| 4167 | Vela | p | 6042 | *3436* | 14517 | 33.1 | −47 42 | 4.06 | .. | .. | .. | .. | *07* | .. | .. | 08 | .. | 09 | .. | .. | *26* | .. | *36* | 16. | F 2 | $F_2$ |
| 4168 | L. Min. | 38 | 2166 | 1873 | .. | 33.4 | +38 26 | 5.83 | *06* | .. | .. | .. | .. | 04 | 01 | .. | 07 | .. | 03 | 27c | .. | .. | *03* | 55 | K | $F_5$ |
| 4169 | Carina | – | 2411 | .. | 14528 | 33.6 | −58 13 | 5.57 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | A 2 | $A_2$ |
| 4170 | Cham. | – | 678 | .. | 14535 | 33.6 | −75 48 | 6.24 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 51 | .. | .. | 14. | K | $K_0$ |
| 4171 | Hydra | $\varphi 2$ | 3100 | 1875 | 14522 | 33.7 | −16 22 | 5.11 | 05 | .. | .. | .. | .. | 09 | *09* | *05* | 06 | .. | .. | .. | .. | .. | *16* | 68 | K | $K_0$ |
| 4172 | Hydra | – | 2925 | .. | 14527 | 33.9 | −11 56 | 5.89 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *01* | A | $A_0$ |
| 4173 | Carina | – | 3588 | .. | 14536 | 34.2 | −56 44 | 6.35 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | *1.* | B 3 | $B_3$ |
| 4174 | Cham. | $\gamma$ | *622* | *3446* | 14557 | 34.3 | −78 6 | 4.10 | .. | .. | .. | .. | *01* | .. | .. | 01 | .. | 21 | .. | .. | 00 | .. | *02* | 27. | Ma | Ma |
| 4175 | Vela | – | 6390 | .. | 14543 | 34.5 | −42 14 | 6.22 | .. | .. | .. | .. | .. | .. | 07 | *08* | .. | .. | .. | .. | .. | .. | .. | 16. | F 2 | $F_5$ |
| 4176 | U. Maj. | – | *583* | 1876 | .. | 34.7 | +68 58 | 5.90 | 04 | .. | .. | .. | .. | *05* | .. | .. | .. | .. | *12* | 02d | .. | .. | *12* | 59 | K | $G_5$ |
| 4177 | Carina | $t^2$ | 2460 | *3452* | 14558 | 34.9 | −58 40 | 4.73 | .. | .. | .. | .. | 01 | .. | .. | *01* | .. | 21 | .. | .. | 32 | .. | *03* | 21. | K 5 | $K_5$ |
| 4178 | U. Maj. | 38 | 678 | 1877 | .. | 35.2 | +66 14 | 5.12 | *10* | .. | .. | .. | .. | 09 | .. | .. | R | .. | *12* | 14b | .. | .. | *07* | 105 | K | $K_0$ |
| 4179 | Carina | – | 2474 | .. | 14566 | 35.2 | −58 18 | 6.09 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 23. | Mb | Mb |
| 4180 | Vela | x | *3915* | *3454* | 14569 | 35.3 | −55 5 | 4.37 | .. | .. | .. | .. | 03 | .. | .. | *03* | .. | 14 | .. | .. | *17* | .. | 03 | 14. | G | $G_0$ |
| 4181 | U. Maj. | – | 586 | 1878 | .. | 35.9 | +69 36 | 5.23 | 02 | *02* | R | .. | .. | *02* | 01 | .. | .. | .. | *27* | *08*d | .. | *18* | *09* | 80 | K | $G_5$ |
| 4182 | Sextans | 33 | *2364* | 1879 | 14589 | 36.3 | − 1 13 | 6.40 | *16* | .. | 08 | .. | .. | 07 | .. | .. | *30* | .. | .. | .. | .. | .. | 05 | 35 | K | $K_0$ |
| 4183 | Antlia | – | 6646 | *3458* | 14591 | 36.3 | −35 13 | 6.51 | .. | .. | .. | .. | *06* | .. | 03 | 02 | .. | .. | .. | .. | .. | .. | .. | 9. | G 2 | $G_5$ |
| 4184 | L. Min. | – | 2066 | .. | .. | 36.6 | +32 14 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *09*d | .. | .. | .. | .. | Ma | Ma |
| 4185 | Carina | – | 1403 | .. | 14606 | 36.8 | −64 35 | 5.82 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | *1.* | A | $A_0$ |
| 4186 | Carina | – | 758 | .. | 14617 | 36.9 | −73 58 | 5.98 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K 5 | $K_5$ |
| 4187 | U. Maj. | 39 | 1286 | 1881 | .. | 37.4 | +57 43 | 5.79 | *10* | .. | .. | .. | .. | 14 | *05* | .. | *02* | .. | 01 | 27b | .. | .. | 03 | *08* | A | $B_9$ |
| 4188 | Carina | – | 2450 | *3465* | 14626 | 37.4 | −59 9 | 6.48 | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3. | Oc p | Oc p |
| 4189 | L. Min. | 40 | *1927* | 1883 | .. | 37.6 | +26 51 | 5.55 | 08 | .. | .. | .. | .. | *08* | .. | .. | 12 | .. | *16* | 15a | .. | 06 | 07 | *02* | A | $A_2$ |
| 4190 | Hydra | – | 3197 | .. | 14621 | 37.6 | −13 27 | 6.44 | .. | .. | .. | .. | .. | 01 | 00 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | $K_2$ |
| 4191 | U. Maj. | – | 1657 | 1882 | .. | 37.7 | +46 44 | 5.28 | 06 | .. | .. | .. | .. | 02 | *08* | .. | .. | .. | *15* | 12c | .. | .. | 02 | 22 | F | $F_0$ |
| 4192 | L. Min. | 41 | 2253 | 1884 | .. | 38.0 | +23 43 | 5.05 | 04 | .. | .. | .. | .. | *05* | 01 | .. | 22 | .. | 07 | 18a | .. | .. | 10 | *06* | A 2 | $A_2$ |
| 4193 | Sextans | 35 | 2384 | 1885 | .. | 38.1 | + 5 16 | 5.99 | 02 | .. | 02 | .. | .. | *13* | 09 | .. | *19* | .. | 16 | R | .. | .. | *01* | 75 | G 5 | $K_0$ |
| 4194 | Antlia | – | 7572 | *3469* | 14635 | 38.1 | −32 12 | 5.73 | .. | *13* | .. | .. | 19 | *05* | *11* | 11 | .. | .. | .. | .. | 07 | .. | 09 | 7. | A | $A_0$ |
| 4195 | U. Maj. | – | *617* | .. | .. | 38.2 | +67 56 | 6.32 | .. | .. | .. | 05 | .. | *04* | .. | .. | .. | .. | .. | *25*e | .. | .. | .. | 18 | N | N |
| 4196 | Carina | – | 1589 | *3472* | 14653 | 38.7 | −63 57 | 5.20 | .. | .. | .. | .. | *02* | .. | .. | 02 | .. | .. | .. | .. | *85* | .. | *02* | *2.* | B 3 | $B_3$ |
| 4197 | Leo | – | 2514 | .. | .. | 38.8 | +20 17 | 6.10 | .. | .. | 15 | .. | .. | *16* | .. | .. | .. | .. | .. | 38b | .. | .. | .. | 11 | A | $A_3$ |
| 4198 | Carina | – | 2581 | *3474* | 14656 | 38.9 | −58 42 | 5.44 | .. | .. | .. | .. | 07 | .. | .. | *06* | .. | .. | .. | .. | .. | .. | 01 | 3. | B 3 p | $B_3$ p |
| 4199 | Carina | $\theta$ | 1599 | *3476* | 14667 | 39.4 | −63 52 | 3.03 | .. | .. | .. | .. | *02* | .. | .. | 02 | .. | *12* | .. | .. | *48* | .. | *23* | 8. | B | $B_0$ |
| 4200 | Carina | w | *2532* | *3477* | 14673 | 39.7 | −60 3 | 4.49 | .. | .. | .. | .. | *05* | .. | .. | 05 | .. | .. | .. | .. | 51 | .. | 01 | 28. | K 5 | $K_5$ |

1908AnHar..50....1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**10h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 4201 | Sextans | 36 | 2408 | .. | .. | 40.0 | + 3 0 | 6.57 | .. | .. | .. | A | .. | .. | .. | .. | 23 | .. | .. | 15d | .. | .. | .. | .. | K |
| 4202 | U. Maj. | 41 | 1281 | .. | .. | 40.2 | +57 53 | 6.49 | .. | .. | .. | A | .. | .. | .. | .. | 04 | .. | .. | 03d | .. | .. | .. | 24 | K 5 |
| 4203 | L. Min. | 42 | 2180 | 1886 | .. | 40.3 | +31 13 | 5.37 | 07 | .. | .. | .. | .. | 03 | 05 | .. | 16 | .. | 14 | 22a | .. | .. | 15 | 05 | B 9 |
| 4204 | Carina | — | 1619 | .. | 14692 | 40.3 | −63 44 | 6.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | B 3 |
| 4205 | Carina | — | 1623 | 3482 | 14702 | 40.5 | −63 26 | 5.09 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | 25 | .. | .. | .. | .. | 01 | 5. | B 3 |
| 4206 | Cham. | — | 548 | .. | 14730 | 40.8 | −79 16 | 6.18 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23 | .. | .. | 2. | B 5 |
| 4207 | Sextans | 37 | 2356 | 1887 | .. | 40.9 | + 6 54 | 6.29 | 05 | .. | .. | .. | .. | 05 | .. | .. | 11 | .. | .. | 31c | .. | .. | 14 | .. | G 5 |
| 4208 | Leo | m 51 | 2371 | 1888 | .. | 41.0 | +19 25 | 5.64 | 08 | .. | .. | .. | .. | 07 | .. | .. | 16 | .. | 32 | 05d | .. | .. | 11 | 22 | G |
| 4209 | Leo | k 52 | 2294 | 1889 | .. | 41.2 | +14 43 | 5.64 | 07 | .. | 05 | 03 | .. | 10 | 09 | .. | 01 | .. | 11 | 04d | .. | .. | 01 | 45 | G |
| 4210 | Carina | η | 2620 | 3485 | 14720 | 41.2 | −59 10 | var. | .. | .. | .. | .. | v | .. | .. | .. | .. | v | .. | .. | v | .. | v | v | Pec. |
| 4211 | Carina | — | 1183 | 3488 | 14731 | 41.4 | −70 20 | 6.32 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | 52 | .. | 34 | 9. | A |
| 4212 | Carina | — | 1185 | 3491 | 14735 | 41.6 | −70 20 | 6.51 | .. | .. | .. | .. | 13 | .. | .. | 13 | .. | .. | .. | .. | .. | .. | | 8. | A |
| 4213 | Carina | — | 1118 | .. | 14743 | 41.7 | −71 55 | 6.30 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | F 8 |
| 4214 | Hydra | b¹ 3 | 3124 | 1891 | 14734 | 41.9 | −16 46 | 5.56 | 16 | .. | .. | .. | .. | 07 | 07 | 18 | 16 | .. | .. | .. | .. | .. | 14 | 02 | A |
| 4215 | U. Maj. | — | 803 | 1890 | .. | 42.1 | +65 40 | 6.24 | 08 | .. | 09 | 01 | .. | 02 | .. | .. | .. | .. | 25 | 56b | .. | .. | 31 | 08 | A |
| 4216 | Vela | μ | 5913 | 3495 | 14751 | 42.5 | −48 54 | 2.84 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | 07 | .. | .. | 29 | .. | 22 | 21. | G 5 |
| 4217 | Carina | — | 2671 | 3496 | 14754 | 42.5 | −60 5 | 6.47 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | .. | 2. | A |
| 4218 | Hydra | — | 3186 | .. | 14753 | 42.7 | −14 44 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 22 | A |
| 4219 | Carina | — | 1646 | .. | 14764 | 42.7 | −63 59 | 5.54 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | B 5 |
| 4220 | Carina | — | 1649 | 3498 | 14769 | 42.8 | −63 44 | 5.43 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | 49 | .. | .. | .. | .. | 01 | 4. | B 8 |
| 4221 | Vela | — | 3800 | 3499 | 14767 | 42.9 | −56 14 | 5.46 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 41 | .. | 31 | 2. | A |
| 4222 | Carina | — | 1655 | 3502 | 14775 | 43.2 | −63 52 | 5.10 | .. | .. | .. | .. | 05 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | 20 | 1. | B 5 |
| 4223 | L. Min. | 43 | 2072 | .. | .. | 43.5 | +29 57 | 6.29 | .. | .. | A | .. | .. | .. | .. | .. | 07 | .. | .. | 07c | .. | .. | .. | 18 | K |
| 4224 | Sextans | — | 2446 | .. | 14774 | 43.6 | − 1 26 | 6.19 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | Ma |
| 4225 | Hydra | — | 8536 | 3505 | 14778 | 43.6 | −31 10 | 5.90 | .. | 23 | .. | .. | 13 | 02 | 10 | 24 | .. | .. | .. | .. | .. | .. | 10 | 3. | A |
| 4226 | Carina | — | 3821 | .. | 14782 | 43.6 | −56 56 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | G 5 |
| 4227 | Leo | l 53 | 2283 | 1892 | .. | 44.0 | +11 4 | 5.27 | 04 | .. | .. | 04 | .. | 08 | .. | .. | 03 | .. | 13 | 37b | .. | 27 | 03 | 12 | A |
| 4228 | Carina | — | 2720 | .. | 14797 | 44.2 | −59 24 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | A 2 |
| 4229 | Sextans | 40 | 2999 | .. | 14790 | 44.3 | − 3 30 | 6.49 | .. | .. | .. | A | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | 05 | A |
| 4230 | L. Min. | 44 | 1931 | .. | .. | 44.4 | +28 31 | 6.12 | .. | .. | .. | 06 | .. | 05 | .. | .. | 08 | .. | .. | 18b | .. | .. | .. | 06 | F |
| 4231 | Cham. | δ¹ | 554 | 3510 | 14817 | 44.4 | −79 57 | 5.48 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | 13 | .. | 12 | 17. | K |
| 4232 | Hydra | ν 4 | 3138 | 1893 | 14802 | 44.7 | −15 40 | 3.32 | 06 | .. | 02 | 10 | .. | 02 | .. | R | 05 | 08 | .. | .. | .. | .. | 02 | 135 | K |
| 4233 | *Sextans* | — | 3147 | 1895 | 14803 | 44.8 | − 9 19 | 6.04 | 18 | .. | 14 | .. | .. | 09 | 04 | .. | .. | .. | 41 | .. | .. | .. | 09 | .. | G 5 |
| 4234 | Cham. | δ² | 556 | 3517 | 14829 | 44.8 | −80 1 | 4.62 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | 41 | .. | .. | 02 | .. | 04 | 2. | B 3 |
| 4235 | U. Maj. | 43 | 1294 | 1894 | .. | 45.0 | +57 7 | 5.76 | 10 | .. | .. | .. | .. | 03 | 07 | .. | 14 | .. | 26 | 17c | .. | .. | 01 | 61 | K |
| 4236 | U. Maj. | 42 | 1296 | 1896 | .. | 45.1 | +59 51 | 5.66 | 03 | .. | 05 | .. | .. | 01 | 01 | .. | 24 | .. | 21 | 00c | .. | .. | 03 | 70 | K |
| 4237 | Sextans | 41 | 3018 | 1897 | 14816 | 45.3 | − 8 22 | 5.78 | 03 | .. | .. | .. | .. | 09 | 05 | R | 32 | .. | 08 | .. | .. | .. | 09 | 31 | A |
| 4238 | Antlia | — | 7288 | 3520 | 14820 | 45.3 | −33 32 | 5.73 | .. | 16 | .. | .. | 10 | 02 | 08 | 15 | .. | .. | .. | .. | .. | .. | 13 | 3. | A |
| 4239 | Carina | — | 2755 | .. | 14827 | 45.5 | −58 48 | 6.10 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | A |
| 4240 | Sextans | — | 3236 | .. | 14833 | 46.0 | − 2 33 | 6.18 | .. | .. | .. | 01 | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K 5 |
| 4241 | U. Maj. | — | 1439 | 1899 | .. | 46.5 | +53 6 | 6.72 | 08 | .. | .. | .. | .. | 09 | .. | .. | .. | .. | 06 | 22c | .. | .. | 30 | 72 | A |
| 4242 | U. Maj. | — | 1440 | 1900 | .. | 46.5 | +53 3 | 6.58 | 08 | .. | .. | .. | .. | 05 | 02 | .. | .. | .. | 14 | 04c | .. | .. | | | G |
| 4243 | U. Maj. | — | 634 | 1898 | .. | 46.8 | +70 23 | 6.08 | 01 | .. | 04 | .. | .. | 04 | 07 | .. | .. | .. | 18 | 02d | .. | .. | 05 | 23 | K |
| 4244 | Leo | — | 2495 | .. | .. | 47.1 | + 1 33 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 38b | .. | .. | .. | 14 | A |
| 4245 | Leo | — | 2710 | .. | .. | 47.5 | + 0 21 | 6.59 | .. | .. | 09 | .. | .. | .. | 09 | .. | .. | .. | .. | 19e | .. | .. | .. | .. | K |
| 4246 | U. Maj. | 44 | 1418 | 1901 | .. | 47.6 | +55 7 | 5.36 | 03 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | 20 | 04d | .. | .. | 10 | 84 | K |
| 4247 | L. Min. | 46 | 2172 | 1902 | .. | 47.7 | +34 45 | 3.92 | 00 | .. | 05 | .. | .. | 05 | .. | .. | 03 | .. | 09 | 01d | .. | .. | 06 | 103 | K |
| 4248 | U. Maj. | ω 45 | 2058 | 1903 | .. | 48.2 | +43 43 | 4.84 | 06 | .. | .. | .. | .. | 07 | .. | .. | 19 | .. | 07 | 14b | .. | 02 | 09 | 14 | A |
| 4249 | Leo | — | 2459 | .. | 14873 | 48.4 | − 1 43 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | 07 | .. | .. | .. | .. | 57 | K |
| 4250 | Carina | — | 3947 | 3547 | 14886 | 48.4 | −56 43 | 5.57 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | 47 | .. | 13 | 7. | A p |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**10h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 4251 | Hydra | b³ 6 | 3125 | 1905 | 14884 | 48.6 | −19 36 | 5.28 | 09 | .. | 03 | .. | .. | 08 | 03 | .. | 22 | .. | .. | .. | .. | .. | 07 | 50 | K | F5 |
| 4252 | Crater | — | 3213 | .. | 14881 | 48.6 | −14 55 | 6.56 | .. | .. | 05 | .. | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 4253 | Leo | p¹ | 2460 | 1904 | 14882 | 48.7 | − 1 36 | 5.72 | 15 | .. | .. | .. | .. | 04 | 20 | .. | .. | .. | 28 | .. | .. | .. | 14 | 63 | K | K0 |
| 4254 | L. Min. | 48 | 2147 | .. | .. | 49.3 | +26 1 | 6.18 | .. | .. | .. | 05 | .. | 02 | 02 | .. | 02 | .. | .. | 17a | .. | .. | .. | 20 | F | F0 |
| 4255 | Crater | — | 3293 | .. | 14896 | 49.3 | −13 14 | 5.84 | .. | .. | .. | .. | .. | 05 | .. | 06 | .. | .. | .. | .. | .. | .. | 04 | 58 | G | B0 |
| 4256 | L. Min. | 47 | 2178 | 1906 | .. | 49.4 | +34 34 | 5.86 | 06 | .. | 06 | .. | .. | 01 | .. | .. | 09 | .. | 15 | 09b | .. | .. | 06 | 34 | K | K0 |
| 4257 | Carina | u | 2834 | 3556 | 14910 | 49.4 | −58 19 | 3.88 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | 11 | .. | .. | 22 | .. | 09 | 17. | K | K0 |
| 4258 | U. Maj. | 46 | 2181 | 1907 | .. | 50.2 | +34 2 | 5.23 | 01 | .. | .. | .. | .. | 00 | 00 | .. | 47 | .. | .. | 02c | .. | .. | 03 | 70 | K | K0 |
| 4259 | Leo | 54 | 2314 | 1908 | .. | 50.2 | +25 17 | 4.51 | 01 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | 14 | 15a | .. | .. | 08 | 06 | A | A0 |
| 4260 | Leo | | | | | 50.2 | +25 17 | 6.30 | | | | | | | | | | | | | | | | | | |
| 4261 | Hydra | — | 3134 | .. | 14929 | 50.3 | −20 8 | 6.55 | .. | .. | 07 | .. | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | 9. | K | K0 |
| 4262 | Carina | — | 1246 | 3562 | 14943 | 50.4 | −70 11 | 6.11 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | 31 | .. | .. | 3. | A | B8 |
| 4263 | Vela | — | 6220 | .. | 14935 | 50.5 | −41 43 | 6.30 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | A | A0 |
| 4264 | U. Maj. | — | 2162 | .. | .. | 50.6 | +42 33 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 07d | .. | .. | .. | .. | G 5 | K0 |
| 4265 | Leo | 55 | 2501 | 1909 | .. | 50.6 | + 1 16 | 6.05 | 06 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | 15 | 05c | .. | .. | 00 | 40 | F | F2 |
| 4266 | Carina | — | 1960 | .. | 14942 | 50.6 | −61 18 | 6.05 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 21. | K | K5 |
| 4267 | Leo | 56 | 2369 | .. | .. | 50.8 | + 6 43 | 6.05 | .. | .. | .. | 17 | .. | 14 | 03 | .. | 65 | .. | .. | 17e | .. | .. | .. | .. | Mb 5 | Mb |
| 4268 | Cham. | — | 589 | .. | 14957 | 50.8 | −79 2 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 43 | .. | .. | 20. | K | K2 |
| 4269 | Leo | — | 2279 | 1910 | .. | 50.9 | +22 54 | 6.24 | 01 | .. | .. | .. | .. | 00 | .. | .. | .. | .. | 08 | 05e | .. | .. | 06 | 39 | K p | K2 |
| 4270 | L. Min. | 50 | 2152 | .. | .. | 51.2 | +26 2 | 6.40 | .. | .. | .. | 03 | .. | 10 | 06 | .. | 15 | .. | .. | 14c | .. | .. | .. | 15 | G 2 | K0 |
| 4271 | Carina | T | 2840 | 3570 | 14955 | 51.3 | −59 59 | 6.03 | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15. | K | K0 |
| 4272 | Draco | — | 367 | 1911 | .. | 52.0 | +78 18 | 6.26 | 00 | .. | .. | .. | .. | 11 | 10 | .. | .. | .. | 01 | 08c | .. | .. | 04 | 19 | G 2 | B5 |
| 4273 | Antlia | ι | 6808 | 3574 | 14963 | 52.1 | −36 36 | 4.70 | .. | 03 | .. | .. | 09 | 01 | 05 | 06 | .. | .. | .. | .. | 30 | .. | 05 | 19. | K | K0 |
| 4274 | Vela | — | 5534 | 3582 | 14982 | 52.8 | −50 14 | 6.16 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | 10. | A 3 | A3 |
| 4275 | U. Maj. | — | 1528 | 1912 | .. | 53.4 | +52 26 | 6.34 | 06 | .. | .. | .. | .. | 07 | .. | .. | .. | .. | 00 | 02c | .. | .. | 11 | .. | K | K0 |
| 4276 | Carina | U | 2888 | .. | 15004 | 53.7 | −59 12 | var. | .. | .. | .. | .. | .. | .. | .. | v | .. | .. | .. | .. | .. | .. | .. | v | F | B0 |
| 4277 | U. Maj. | 47 | 2147 | 1913 | .. | 53.9 | +40 58 | 5.14 | 03 | .. | .. | .. | .. | 04 | .. | .. | 16 | .. | 09 | 16c | .. | .. | 21 | 51 | F | B0 |
| 4278 | U. Maj. | — | 2139 | 1914 | .. | 53.9 | +36 40 | 6.22 | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 08 | 06d | .. | .. | 08 | .. | Ma | Ma |
| 4279 | Carina | — | 755 | .. | 15028 | 54.4 | −74 34 | 6.05 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | K | K2 |
| 4280 | U. Maj. | — | 1680 | 1915 | .. | 54.5 | +46 4 | 5.67 | 03 | .. | .. | .. | .. | 00 | 02 | .. | .. | .. | 21 | 10d | .. | .. | 03 | .. | K | K2 |
| 4281 | Leo | — | 2284 | .. | .. | 54.5 | +12 14 | 6.36 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 36b | .. | .. | .. | 16 | F 5 | F5 |
| 4282 | Hydra | — | 7401 | 3593 | 15020 | 54.5 | −33 12 | 5.76 | .. | 12 | .. | .. | 07 | 00 | 07 | 12 | .. | .. | .. | .. | 14 | .. | 09 | 9. | F | F0 |
| 4283 | U. Maj. | — | 1529 | .. | .. | 54.6 | +52 2 | 6.52 | .. | .. | .. | .. | .. | 01 | 02 | .. | .. | .. | .. | 12c | .. | .. | .. | 24 | G | B5 |
| 4284 | Crater | — | 3174 | 1917 | .. | 54.6 | −15 48 | 6.16 | 12 | .. | 16 | .. | .. | 02 | 08 | .. | .. | .. | .. | .. | .. | .. | 01 | .. | Ma | Ma |
| 4285 | U. Maj. | — | 2068 | 1916 | .. | 54.7 | +43 27 | 6.12 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 22 | 21b | .. | .. | 02 | 05 | F 8 | F8 |
| 4286 | U. Maj. | — | 824 | .. | .. | 54.8 | +63 58 | 6.34 | .. | .. | 06 | .. | .. | .. | 05 | .. | .. | .. | .. | 27b | .. | .. | .. | 15 | A | A0 |
| 4287 | Crater | α 7 | 3273 | 1918 | 15027 | 54.9 | −17 46 | 4.20 | 11 | .. | .. | .. | .. | 06 | .. | 06 | 00 | 02 | .. | .. | .. | .. | 00 | 119 | K | K0 |
| 4288 | U. Maj. | 49 | 2400 | 1919 | .. | 55.2 | +39 45 | 5.12 | 28 | .. | 20 | .. | .. | 08 | .. | .. | 28 | .. | 06 | 20a | .. | 10 | 28 | 32 | F | F0 |
| 4289 | Crater | — | 3271 | 1920 | 15035 | 55.2 | −13 33 | 6.10 | 08 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 05 | .. | K | K5 |
| 4290 | Carina | — | 2433 | .. | 15040 | 55.2 | −60 47 | 6.31 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | A | B9 |
| 4291 | Leo | d 58 | 2407 | 1921 | .. | 55.4 | + 4 9 | 5.05 | 08 | .. | .. | 05 | .. | 00 | 04 | .. | 15 | .. | 04 | 04c | .. | .. | 05 | 100 | K p | K0 |
| 4292 | Vela | — | 6692 | 3598 | 15043 | 55.4 | −43 16 | 5.94 | .. | .. | .. | .. | 18 | 18 | 12 | 11 | .. | .. | .. | .. | .. | .. | 11 | 9. | A | B9 |
| 4293 | Vela | i | 6276 | 3601 | 15048 | 55.5 | −41 41 | 4.56 | .. | .. | .. | .. | 02 | 08 | 00 | 08 | .. | .. | .. | .. | .. | .. | 09 | 7. | A 2 | A2 |
| 4294 | Leo | c 59 | 2384 | 1922 | .. | 55.6 | + 6 38 | 5.08 | 06 | .. | .. | .. | .. | 07 | 02 | .. | 02 | .. | 05 | 22b | .. | .. | 04 | 04 | A 5 | A5 |
| 4295 | U. Maj. | β 48 | 1302 | 1923 | .. | 55.8 | +56 55 | 2.44 | 16 | .. | .. | 28 | .. | 13 | .. | .. | 19 | 08 | 27 | 19a | .. | .. | 12 | 136 | A | A0 |
| 4296 | Vela | — | 5220 | .. | 15058 | 55.8 | −51 17 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | A 5 | A3 |
| 4297 | Crater | — | 3178 | .. | 15060 | 55.9 | −15 15 | 6.54 | .. | .. | 07 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 4298 | Hydra | — | 8696 | 3605 | 15061 | 56.0 | −31 18 | 6.18 | .. | 11 | .. | .. | 01 | 00 | 00 | 10 | .. | .. | .. | .. | 18 | .. | 08 | 12. | F 5 | B0 |
| 4299 | Leo | p² 61 | 2471 | 1924 | 15075 | 56.8 | − 1 57 | 4.97 | 03 | .. | .. | 03 | .. | 06 | .. | 11 | 63 | .. | 09 | .. | .. | 16 | 05 | 158 | Ma | Ma |
| 4300 | Leo | b 60 | 2547 | 1925 | .. | 57.0 | +20 43 | 4.42 | 06 | .. | .. | .. | .. | 05 | .. | .. | 02 | .. | 14 | 20a | .. | .. | 02 | 07 | A | A0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**10h — 11h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 4301 | U. Maj. | α 50 | 1161 | 1926 | .. | 57.6 | +62 17 | 1.95 | 01 | 00 | .. | .. | .. | 02 | 00 | .. | 00 | 14 | 06 | 09c | .. | 05 | 03 | 215 | K |
| 4302 | Hydra | 8 | 8302 | 1927 | 15090 | 57.6 | −26 17 | 6.16 | 12 | .. | .. | 01 | .. | 02 | 13 | .. | 26 | .. | .. | .. | .. | .. | 04 | 44 | A |
| 4303 | Leo | — | 2728 | .. | 15107 | 58.1 | − 0 13 | 6.13 | .. | .. | 05 | .. | .. | 01 | 04 | .. | .. | .. | .. | 30b | .. | .. | .. | 58 | A |
| 4304 | Cham. | — | 509 | 3616 | 15128 | 58.1 | −81 1 | 6.67 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | 47 | .. | .. | 7. | G |
| 4305 | Crater | — | 3184 | 1928 | 15110 | 58.3 | −10 46 | 5.62 | 01 | .. | 06 | .. | .. | 05 | 03 | 03 | .. | .. | .. | .. | .. | .. | 18 | .. | K |
| 4306 | Leo | p³62 | 2729 | 1929 | .. | 58.5 | + 0 32 | 6.15 | 00 | .. | 01 | .. | .. | 00 | .. | .. | 15 | .. | 11 | 11d | .. | .. | 03 | .. | G 5 |
| 4307 | Hydra | — | 8726 | .. | 15119 | 58.5 | −31 25 | 6.52 | .. | .. | .. | .. | .. | .. | 11 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | Ma |
| 4308 | Crater | — | 3333 | .. | 15121 | 58.6 | −12 54 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 2 |
| 4309 | U. Maj. | 51 | 2414 | 1930 | .. | 59.0 | +38 47 | 6.08 | 24 | .. | 39 | .. | .. | 08 | 08 | .. | 28 | .. | 21 | 02a | .. | .. | 28 | 05 | A 2 |
| 4310 | Leo | χ 63 | 2455 | 1931 | .. | 59.9 | + 7 53 | 4.66 | 08 | .. | .. | 14 | .. | 12 | 04 | .. | 06 | .. | 32 | 22c | .. | .. | 01 | 44 | F |
| 4311 | Vela | — | 6466 | 3638 | 15153 | 0.0 | −47 8 | 5.94 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 02 | 10. | A 5 |
| 4312 | Octans | η | 386 | 3639 | 15189 | 0.0 | −84 3 | 6.26 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | 41 | .. | 06 | 2. | A |
| 4313 | Antlia | — | 6954 | 3640 | 15155 | 0.2 | −35 16 | 5.53 | .. | 16 | .. | .. | 18 | 05 | 03 | 06 | .. | .. | .. | .. | .. | 07 | 01 | 7. | A |
| 4314 | Hydra | χ¹ 9 | 8338 | 1932 | 15166 | 0.5 | −26 45 | 5.06 | 13 | .. | .. | 24 | .. | 04 | .. | 08 | 24 | .. | .. | .. | .. | .. | 06 | 70 | F 5 |
| 4315 | Crater | — | 3190 | .. | 15164 | 0.6 | −10 32 | 6.14 | .. | .. | 03 | .. | .. | 14 | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | A 5 |
| 4316 | Vela | — | 6157 | .. | 15170 | 0.6 | −48 51 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | A |
| 4317 | Hydra | χ² | 8342 | 1933 | 15183 | 1.1 | −26 45 | 5.69 | 14 | .. | .. | 04 | .. | 24 | 06 | .. | .. | .. | .. | .. | .. | .. | 01 | 27 | B 8 |
| 4318 | Cent. | — | 5686 | .. | 15195 | 1.6 | −50 40 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K |
| 4319 | Leo | p⁴65 | 2387 | 1934 | .. | 1.8 | + 2 30 | 5.66 | 03 | .. | .. | .. | .. | 00 | 03 | .. | 09 | .. | 15 | 07d | .. | 02 | 10 | 76 | K |
| 4320 | Hydra | — | 8657 | 1935 | 15198 | 1.8 | −28 11 | 6.53 | 13 | .. | .. | 01 | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | 13 | 7. | A |
| 4321 | Cent. | — | 5693 | 3656 | 15206 | 2.0 | −50 25 | 6.33 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | 16. | K |
| 4322 | Leo | 64 | 2318 | .. | .. | 2.3 | +23 52 | 6.39 | .. | .. | 04 | 04 | .. | 07 | .. | .. | 19 | .. | .. | 34a | .. | .. | 26 | 31 | A |
| 4323 | Carina | — | 3112 | 3659 | 15215 | 2.3 | −58 7 | 6.07 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | R | .. | .. | .. | .. | 28 | 21. | G 5 |
| 4324 | Hydra | — | 8776 | .. | 15214 | 2.4 | −32 3 | 6.56 | .. | .. | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | .. | 46 | .. | .. | 7. | F |
| 4325 | Carina | z | 2067 | 3662 | 15222 | 2.4 | −61 53 | 4.76 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | 43 | .. | .. | .. | .. | 02 | 19. | K |
| 4326 | Carina | — | 1630 | .. | 15223 | 2.4 | −64 18 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | R | .. | .. | .. | .. | .. | 7. | A 2 |
| 4327 | Cent. | — | 6343 | 3663 | 15224 | 2.7 | −42 6 | 5.34 | .. | .. | .. | .. | 01 | 02 | 11 | 07 | .. | .. | .. | .. | .. | .. | 04 | 3. | A p |
| 4328 | Hydra | — | 8875 | 1937 | 15234 | 3.2 | −29 38 | 6.53 | 04 | .. | .. | 01 | .. | 03 | 07 | .. | .. | .. | .. | .. | .. | .. | 08 | 11. | G |
| 4329 | Carina | — | 1305 | 3668 | 15243 | 3.2 | −70 20 | 5.80 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | 15 | .. | 02 | 0. | A |
| 4330 | U. Maj. | — | 632 | 1936 | .. | 3.3 | +67 45 | 6.09 | 05 | .. | .. | .. | .. | 14 | 08 | .. | .. | .. | 18 | 28b | .. | .. | 06 | 12 | A |
| 4331 | Hydra | — | 8877 | 1939 | 15239 | 3.4 | −29 26 | 6.38 | 13 | .. | .. | 14 | .. | 02 | R | .. | .. | .. | .. | .. | .. | .. | 06 | 7. | A |
| 4332 | Leo | 67 | 2344 | 1938 | .. | 3.5 | +25 12 | 5.63 | 07 | .. | .. | .. | .. | 07 | .. | .. | 08 | .. | 11 | 32a | .. | 19 | 10 | 12 | A |
| 4333 | U. Maj. | — | 2162 | 1940 | .. | 3.9 | +36 51 | 5.99 | 15 | .. | .. | .. | .. | 12 | 04 | .. | .. | .. | 03 | 13d | .. | .. | 11 | .. | Mb |
| 4334 | Hydra | 10 | 7886 | 1942 | 15253 | 3.9 | −27 32 | 5.49 | 14 | .. | .. | 09 | .. | 04 | .. | 19 | 09 | .. | .. | .. | .. | .. | 19 | 15 | A 2 |
| 4335 | U. Maj. | ψ 52 | 1897 | 1941 | .. | 4.0 | +45 2 | 3.15 | 03 | .. | .. | .. | .. | 03 | 00 | .. | 00 | 12 | 06 | 11d | .. | .. | 25 | 144 | K |
| 4336 | U. Maj. | — | 2083 | .. | .. | 4.0 | +43 45 | 6.03 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 01c | .. | .. | .. | .. | Mb |
| 4337 | Carina | x | 3189 | 3678 | 15266 | 4.4 | −58 26 | 4.02 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | 50 | .. | .. | .. | .. | 16 | 22. | F 8 p |
| 4338 | Carina | — | 2075 | 3679 | 15269 | 4.4 | −61 24 | 5.42 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | 10 | .. | .. | .. | .. | 00 | 6. | A |
| 4339 | Hydra | — | 8816 | 3686 | 15279 | 5.1 | −31 49 | 5.76 | 17 | 19 | .. | .. | 08 | 09 | 08 | 26 | .. | .. | .. | .. | 16 | .. | 02 | 10. | A 2 |
| 4340 | U. Maj. | — | 602 | 1945 | .. | 5.8 | +68 50 | 6.42 | 15 | .. | 02 | .. | .. | 03 | 16 | .. | .. | .. | 36 | 32b | .. | .. | 03 | 37 | A |
| 4341 | Leo | — | 2301 | .. | .. | 6.5 | +14 56 | 6.29 | .. | .. | 05 | .. | .. | 01 | 03 | .. | .. | .. | .. | 43b | .. | .. | .. | 10 | A |
| 4342 | Carina | — | 4387 | .. | 15318 | 6.6 | −57 55 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | B 8 |
| 4343 | Crater | β 11 | 3095 | 1946 | 15317 | 6.7 | −22 17 | 4.52 | 10 | .. | .. | 15 | .. | 11 | .. | 16 | 12 | 09 | .. | .. | .. | .. | 27 | 24 | A 2 |
| 4344 | U. Maj. | — | 1446 | .. | .. | 6.9 | +55 26 | 6.48 | .. | .. | 07 | .. | .. | .. | 08 | .. | .. | .. | .. | 46b | .. | 27 | .. | 28 | A |
| 4345 | U. Maj. | — | 2162 | .. | .. | 7.1 | +36 21 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 20b | .. | .. | .. | 40 | F 5 p |
| 4346 | Hydra | — | 8847 | .. | 15330 | 7.4 | −31 53 | 6.46 | .. | .. | .. | .. | .. | .. | 18 | 18 | .. | .. | .. | .. | 36 | .. | .. | 17. | Ma |
| 4347 | Crater | — | 3321 | 1947 | 15332 | 7.5 | −17 57 | 6.09 | 06 | .. | .. | .. | .. | 13 | 09 | 15 | .. | .. | .. | .. | .. | 06 | 04 | 12 | A |
| 4348 | Crater | — | 3374 | .. | 15339 | 7.6 | −21 12 | 6.52 | .. | .. | 11 | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | 12. | K |
| 4349 | Carina | — | 1336 | .. | 15350 | 7.8 | −70 53 | 6.22 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 19. | K |
| 4350 | Cent. | — | 6263 | 3714 | 15347 | 8.0 | −48 33 | 5.67 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 03 | .. | A 5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**11h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° | | | | | | | | | | | | | | | | | | | |
| 4351 | U. Maj. | — | 2170 | .. | .. | 8.1 | +41 38 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03c | .. | .. | .. | .. | K 5 | K0 |
| 4352 | Carina | y | 3190 | *3716* | 15356 | 8.3 | −59 46 | 4.73 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | *01* | .. | .. | .. | .. | 09 | 4. | F 5 p | F5 p |
| 4353 | Cent. | — | 5937 | .. | 15357 | 8.4 | −49 11 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | G 5 | K0 |
| 4354 | Cent. | — | 6872 | .. | 15361 | 8.6 | −63 50 | 5.84 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | K 5 | K5− |
| 4355 | Carina | — | 1860 | *3718* | 15365 | 8.6 | −63 37 | 5.52 | .. | .. | .. | .. | 01 | .. | .. | *02* | .. | *20* | .. | .. | *12* | .. | *14* | 2. | B 9 | B8 |
| 4356 | Leo | $p^5$ 69 | 2761 | 1948 | .. | 8.7 | + 0 29 | 5.40 | 08 | .. | .. | .. | .. | *08* | .. | .. | 10 | .. | 12 | 28b | .. | .. | 02 | *24* | A | A0 |
| 4357 | Leo | δ 68 | 2298 | 1949 | .. | 8.8 | +21 4 | 2.58 | 17 | .. | .. | *23* | .. | 10 | *05* | .. | 09 | 07 | *03* | 34b | .. | .. | 18 | 62 | A 2 | A3 |
| 4358 | Leo | — | 2476 | 1950 | .. | 8.8 | + 8 37 | 5.90 | *05* | .. | .. | 12 | .. | 00 | *08* | .. | .. | .. | 19 | 23c | .. | .. | *03* | 26 | K | K0 |
| 4359 | Leo | θ 70 | *2234* | 1951 | .. | 9.0 | +15 59 | 3.41 | 06 | .. | .. | *10* | .. | 03 | .. | .. | 19 | 00 | 03 | 17b | .. | .. | 16 | 20 | A | A0 |
| 4360 | Cent. | — | 4350 | .. | 15374 | 9.1 | −52 41 | 5.91 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | K p | K2 |
| 4361 | Carina | — | *3315* | .. | 15377 | 9.2 | −59 4 | 5.98 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | B 3 | B3 |
| 4362 | Leo | 72 | 2322 | 1952 | .. | 9.9 | +23 39 | 4.87 | 02 | .. | .. | *04* | .. | 00 | 01 | .. | 28 | .. | 16 | *20*d | .. | .. | 03 | 111 | Ma | Ma |
| 4363 | U. Maj. | — | 1480 | 1953 | .. | 10.3 | +53 19 | 6.34 | *17* | .. | .. | .. | .. | 19 | *03* | .. | .. | .. | *18* | R | .. | .. | 01 | *06* | F | F2 |
| 4364 | Cent. | — | 6899 | .. | 15395 | 10.3 | −43 11 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | K | K5− |
| 4365 | Leo | n 73 | *2367* | 1954 | .. | 10.6 | +13 51 | 5.48 | 06 | .. | .. | *19* | .. | 13 | 02 | .. | 12 | .. | 26 | 04c | .. | .. | *03* | 45 | K | K0 |
| 4366 | Leo | — | 2379 | .. | .. | 10.8 | +13 24 | 6.54 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 51b | .. | .. | .. | .. | A 5 | F0 |
| 4367 | U. Maj. | — | 1807 | 1955 | .. | 11.1 | +50 1 | 5.97 | 02 | .. | .. | .. | .. | 06 | *09* | .. | .. | .. | *21* | 10c | .. | .. | 05 | 72 | K | K0 |
| 4368 | Leo | φ 74 | *3315* | 1956 | 15429 | 11.6 | − 3 6 | 4.58 | *05* | .. | .. | .. | .. | 04 | 00 | R | *08* | *16* | *27* | .. | .. | .. | 08 | 26 | A 5 | A5− |
| 4369 | Crater | — | 3344 | 1957 | 15436 | 11.9 | − 6 35 | 6.03 | *06* | .. | .. | .. | .. | 11 | *05* | R | .. | .. | .. | .. | .. | .. | 30 | *21* | A | F0 |
| 4370 | Cent. | — | 6837 | *3741* | 15437 | 11.9 | −45 20 | 6.51 | .. | .. | .. | .. | *07* | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | 12. | F | F2 |
| 4371 | Leo | 75 | 2409 | 1958 | .. | 12.1 | + 2 34 | 5.44 | *04* | .. | .. | .. | .. | 05 | *01* | .. | *04* | .. | 19 | *04*d | .. | .. | 04 | 84 | Mb p | K5− |
| 4372 | Cent. | — | 7146 | .. | 15448 | 12.4 | −37 28 | 6.24 | .. | .. | .. | .. | .. | .. | *03* | 04 | .. | .. | .. | .. | .. | .. | .. | 5. | A | A0 |
| 4373 | Hydra | — | 7345 | .. | 15455 | 12.8 | −34 11 | 6.45 | .. | .. | .. | .. | .. | .. | 07 | *07* | .. | .. | .. | .. | .. | .. | .. | 2. | F | F2 |
| 4374 | U. Maj. | ξ 53 | 2132 | 1959 | .. | 12.9 | +32 6 | 4.87 | *06* | .. | .. | .. | .. | 07 | .. | .. | 44 | *07* | *11* | 06c | .. | .. | *08* | 81 | G | G0 |
| 4375 | U. Maj. | | | 1960 | | 12.9 | +32 6 | 4.41 | | | | | | | | | | | | | | | | | | |
| 4376 | Cent. | — | 7111 | .. | 15459 | 12.9 | −35 59 | 6.60 | .. | .. | .. | .. | .. | .. | 12 | *12* | .. | .. | .. | .. | .. | .. | .. | 6. | K | K0 |
| 4377 | U. Maj. | ν 54 | 2098 | 1961 | .. | 13.1 | +33 38 | 3.71 | 07 | .. | .. | *01* | .. | *06* | .. | .. | *21* | .. | *22* | *09*d | .. | .. | *16* | 144 | K | K0 |
| 4378 | Leo | — | 2319 | .. | .. | 13.2 | +12 32 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 42b | .. | .. | .. | *23* | A 2 | A0 |
| 4379 | Carina | — | 1703 | .. | 15474 | 13.2 | −67 16 | 6.09 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 24. | Ma | Ma |
| 4380 | U. Maj. | 55 | 2225 | 1962 | .. | 13.7 | +38 44 | 4.78 | *03* | .. | .. | *08* | .. | 19 | *06* | .. | *03* | .. | 13 | 16a | .. | .. | 17 | 05 | A 2 | A2 |
| 4381 | Leo | 76 | 2411 | .. | .. | 13.8 | + 2 12 | 6.02 | .. | .. | .. | 02 | .. | *03* | .. | .. | *07* | .. | .. | 12c | .. | .. | .. | 45 | K | K0 |
| 4382 | Crater | δ 12 | *3345* | 1963 | 15488 | 14.3 | −14 14 | 3.82 | 04 | .. | .. | 02 | .. | 03 | *09* | R | *07* | *30* | .. | .. | .. | .. | *05* | 92 | K | K0 |
| 4383 | U. Maj. | — | 692 | 1964 | .. | 14.8 | +67 38 | 6.31 | 06 | .. | .. | .. | .. | 01 | *07* | .. | .. | .. | *23* | 17c | .. | .. | 09 | 27 | K | K0 |
| 4384 | Carina | — | *1881* | .. | 15504 | 15.2 | −64 2 | 6.06 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | F 5 | F5− |
| 4385 | Cham. | — | *638* | *3765* | 15525 | 15.6 | −79 7 | 6.29 | .. | .. | .. | .. | 01 | .. | .. | *01* | .. | .. | .. | .. | 36 | .. | *11* | 5. | A | A3 |
| 4386 | Leo | σ 77 | 2437 | 1965 | .. | 16.0 | + 6 35 | 4.13 | 00 | .. | .. | *19* | .. | 15 | 04 | .. | 13 | .. | 02 | 25b | .. | .. | 17 | *08* | A | A0 |
| 4387 | Musca | — | 801 | .. | 15532 | 16.0 | −74 36 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 0. | A | A0 |
| 4388 | U. Maj. | — | 1316 | .. | .. | 16.1 | +57 37 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 26a | .. | .. | .. | *13* | A | A2 |
| 4389 | Musca | — | 1238 | .. | 15534 | 16.2 | −71 27 | 6.45 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | A | B3 |
| 4390 | Cent. | π | 4498 | *3774* | 15539 | 16.4 | −53 56 | 4.26 | .. | .. | .. | .. | 12 | .. | .. | *11* | .. | *01* | .. | .. | *01* | .. | *06* | 6. | B 5 | B5− |
| 4391 | U. Maj. | — | *828* | 1966 | .. | 16.9 | +64 53 | 5.98 | *05* | 01 | R | R | .. | 04 | *02* | .. | .. | .. | *05* | 24b | .. | 08 | *03* | *15* | A | A0 |
| 4392 | U. Maj. | 56 | 2083 | 1967 | .. | 17.4 | +44 2 | 5.06 | 01 | .. | .. | .. | .. | *06* | 06 | .. | 14 | .. | 21 | 01c | .. | .. | 14 | 99 | G 5 | G5− |
| 4393 | Cent. | — | *7006* | .. | 15555 | 17.7 | −44 6 | 6.29 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | G | G5− |
| 4394 | Leo | — | 2782 | .. | .. | 18.2 | + 0 41 | 6.26 | .. | .. | *02* | .. | .. | 03 | .. | .. | .. | .. | .. | 00d | .. | .. | .. | 51 | K | K0 |
| 4395 | Crater | λ 13 | *3367* | 1968 | 15572 | 18.4 | −18 14 | 5.15 | *11* | .. | .. | .. | .. | 07 | 04 | R | 13 | .. | .. | .. | .. | .. | *03* | 42 | G | F2 |
| 4396 | Cent. | — | 7163 | *3785* | 15571 | 18.4 | −35 37 | 5.12 | .. | *08* | .. | .. | *12* | 18 | 10 | *10* | .. | .. | .. | .. | 13 | .. | *07* | 15. | K 5 | K5− |
| 4397 | Cham. | — | *662* | .. | 15582 | 18.5 | −77 3 | 6.43 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | A | A2 |
| 4398 | Cent. | — | 4449 | .. | 15576 | 18.6 | −56 14 | 6.02 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *22* | .. | .. | 12. | A | A0 |
| 4399 | Leo | ι 78 | 2348 | 1969 | .. | 18.7 | +11 5 | 4.03 | *05* | .. | .. | *10* | .. | 15 | .. | .. | *03* | *37* | 15 | 19b | .. | .. | 10 | 46 | F 5 | F5− |
| 4400 | Leo | 79 | *2418* | 1970 | .. | 18.9 | + 1 58 | 5.52 | *03* | .. | .. | *01* | .. | 05 | .. | .. | *02* | .. | *07* | 18b | .. | .. | 03 | 65 | K | G0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHa



**11h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 4401 | Musca | — | 1657 | *3788* | 15588 | 19.1 | −64 24 | 5.34 | .. | .. | .. | .. | 09 | .. | .. | *10* | .. | .. | .. | .. | *19* | .. | 08 | 2. | A | B5 |
| 4402 | Crater | ε 14 | 3260 | 1971 | 15595 | 19.6 | −10 18 | 5.07 | *09* | .. | *08* | .. | .. | 14 | 03 | .. | *07* | .. | .. | .. | .. | .. | 01 | 63 | K | K5 |
| 4403 | Cent. | — | ~~*6529*~~ | .. | 15598 | 19.6 | −42 7 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | *2.* | A | B3 |
| 4404 | Leo | — | *2335* | 1972 | .. | 19.8 | +11 59 | 5.96 | *16* | .. | .. | *05* | .. | 11 | 10 | .. | .. | .. | 07 | 04d | .. | .. | *14* | 41 | K | K0 |
| 4405 | Crater | γ 15 | *3244* | 1973 | 15603 | 19.9 | −17 8 | 4.14 | 02 | .. | .. | .. | .. | 11 | *12* | R | 03 | *02* | .. | .. | .. | .. | 08 | 21 | A 2 | A5 |
| 4406 | Musca | — | 1248 | *3792* | 15612 | 20.2 | −71 42 | 5.69 | .. | .. | .. | .. | *05* | .. | .. | 05 | .. | .. | .. | .. | .. | .. | *17* | 12. | A | B3 |
| 4407 | U. Maj. | — | 1518 | 1974 | .. | 20.4 | +56 24 | 5.85 | 01 | .. | .. | .. | .. | *02* | 02 | .. | .. | .. | *14* | 08d | .. | .. | *10* | 53 | K | B5 |
| 4408 | Leo | 81 | 2356 | 1975 | .. | 20.4 | +17 1 | 5.63 | *16* | .. | .. | *02* | .. | 18 | .. | .. | *13* | .. | 14 | 26b | .. | .. | *03* | 02 | F | F2 |
| 4409 | Cent. | — | 7189 | *3794* | 15619 | 20.6 | −35 31 | 5.34 | .. | *14* | .. | .. | 10 | 08 | 06 | *08* | .. | .. | .. | .. | 06 | .. | 11 | 11. | K | K0 |
| 4410 | Leo | 80 | 2463 | .. | .. | 20.7 | + 4 25 | 6.36 | .. | .. | .. | *16* | .. | 16 | .. | .. | *21* | .. | .. | 34b | .. | .. | .. | *43* | F | F0 |
| 4411 | Cent. | — | 7235 | .. | 15622 | 20.7 | −37 12 | 6.02 | .. | .. | .. | .. | .. | .. | 08 | *09* | .. | .. | .. | .. | .. | .. | .. | 10. | Ma | Ma |
| 4412 | U. Maj. | — | 2222 | .. | .. | 21.0 | +34 0 | 6.29 | .. | .. | 23 | .. | .. | .. | *23* | .. | .. | .. | .. | 19b | .. | .. | .. | 04 | F | F5 |
| 4413 | Cent. | — | 1893 | *3799* | 15640 | 21.4 | −63 25 | 5.34 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | 16 | .. | 16 | 7. | F 2 | F5 |
| 4414 | Leo | 83 | 2502 | 1976 | .. | 21.7 | + 3 33 | 6.19 | *09* | .. | .. | .. | .. | 09 | .. | .. | 01 | .. | .. | R | .. | .. | *24* | 09 | K | K0 |
| 4415 | Cent. | — | 2941 | *3802* | 15652 | 22.1 | −60 34 | 5.54 | .. | .. | .. | .. | 03 | .. | .. | *03* | .. | .. | .. | .. | .. | .. | *04* | *4.* | A | B5 |
| 4416 | Crater | κ 16 | 3098 | 1977 | 15649 | 22.2 | −11 48 | 5.96 | *15* | .. | .. | .. | .. | 04 | 11 | R | *16* | .. | .. | .. | .. | .. | *24* | *18* | F 5 | F8 |
| 4417 | Cent. | — | 4567 | .. | 15651 | 22.2 | −52 36 | 5.91 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | F | F0 Comp |
| 4418 | Leo | τ 84 | 2504 | 1978 | .. | 22.8 | + 3 24 | 5.18 | *06* | .. | .. | *05* | .. | 10 | .. | .. | *08* | .. | 00 | 12c | .. | .. | *03* | 20 | K | K0 |
| 4419 | Leo | — | *2442* | .. | 15662 | 22.8 | − 1 9 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *02* | K | K0 |
| 4420 | Hydra | — | 7471 | .. | 15669 | 23.1 | −34 46 | 6.49 | .. | .. | .. | .. | .. | .. | 17 | *17* | .. | .. | .. | .. | .. | .. | .. | 10. | K | K2 |
| 4421 | U. Maj. | — | 1183 | 1979 | .. | 23.4 | +62 19 | 5.86 | *08* | .. | .. | .. | .. | 08 | .. | .. | .. | .. | .. | 28b | .. | .. | *12* | 18 | F | F0 |
| 4422 | U. Maj. | 57 | *2433* | 1980 | .. | 23.7 | +39 54 | 5.26 | *02* | .. | *09* | .. | .. | 04 | 08 | .. | *06* | .. | *16* | 24b | .. | .. | *06* | *06* | A 2 | A2 |
| 4423 | Cent. | — | *6565* | *3822* | 15684 | 23.8 | −42 7 | 5.34 | .. | .. | .. | .. | 04 | *14* | *02* | 11 | .. | .. | .. | .. | .. | .. | *02* | 4. | A | B9 |
| 4424 | U. Maj. | — | 1324 | 1981 | .. | 24.2 | +57 17 | 6.13 | *24* | .. | .. | .. | .. | 21 | 02 | .. | .. | .. | *25* | 41a | .. | .. | *23* | 10 | A | A2 |
| 4425 | Musca | — | 1253 | .. | 15701 | 24.2 | −71 55 | 6.31 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | A | B3 |
| 4426 | Leo | 85 | *2266* | 1983 | .. | 24.5 | +15 59 | 6.00 | 04 | .. | .. | .. | .. | *03* | .. | .. | *10* | .. | 00 | 05d | .. | .. | 00 | 24 | K | K0 |
| 4427 | U. Maj. | — | *1468* | .. | .. | 24.6 | +54 55 | 6.49 | .. | .. | *03* | .. | .. | .. | 03 | .. | .. | .. | .. | 30b | .. | .. | .. | 35 | K | B5 |
| 4428 | *Crater* | — | 10009 | 1984 | 15707 | 24.6 | −23 55 | 5.73 | *03* | .. | .. | 00 | .. | 04 | *02* | .. | .. | .. | .. | .. | .. | .. | *03* | *10* | A | A0 |
| 4429 | Camel. | — | 373 | 1982 | .. | 24.9 | +81 41 | 6.13 | 00 | .. | *06* | .. | .. | 07 | .. | .. | .. | .. | *13* | 23b | .. | .. | 00 | *35* | A | A0 |
| 4430 | U. Maj. | — | 1880 | .. | .. | 25.0 | +47 12 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 01d | .. | .. | .. | 32 | K | K0 |
| 4431 | U. Maj. | 58 | 2122 | 1985 | .. | 25.1 | +43 43 | 5.88 | 02 | .. | .. | .. | .. | 02 | *03* | .. | 02 | .. | 07 | 23b | .. | .. | *08* | 23 | F | F8 |
| 4432 | Leo | e 87 | 3360 | 1987 | 15716 | 25.2 | − 2 27 | 5.07 | *02* | .. | .. | .. | .. | *05* | 06 | R | 03 | .. | 02 | .. | .. | .. | 09 | 53 | K | K2 |
| 4433 | Leo | 86 | *2459* | 1986 | .. | 25.3 | +18 58 | 5.74 | *02* | .. | .. | .. | .. | 03 | .. | .. | *44* | .. | 29 | 14c | .. | .. | *06* | 40 | K | K0 |
| 4434 | Draco | λ 1 | *665* | 1988 | .. | 25.5 | +69 53 | 4.06 | 03 | *01* | R | .. | .. | *01* | *02* | .. | 04 | .. | *26* | *22*d | .. | *12* | *33* | 136 | Ma | Ma |
| 4435 | U. Maj. | — | 1952 | .. | .. | 25.5 | +48 29 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16b | .. | .. | .. | 44 | G | G5 |
| 4436 | U. Maj. | — | 2062 | .. | .. | 25.7 | +49 20 | 6.42 | .. | .. | *05* | .. | .. | .. | 06 | .. | .. | .. | .. | 30b | .. | .. | .. | 36 | F 8 | B3 |
| 4437 | Leo | 88 | *2345* | 1990 | .. | 26.6 | +14 55 | 6.15 | *04* | .. | 19 | .. | .. | *14* | .. | .. | *05* | .. | 10 | 23b | .. | .. | *15* | *06* | G | G0 |
| 4438 | Cent. | — | 3011 | .. | 15747 | 26.6 | −60 43 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | F 8 | A2p |
| 4439 | U. Maj. | — | 1246 | 1989 | .. | 26.7 | +61 38 | 5.47 | 09 | .. | .. | .. | .. | *09* | .. | .. | .. | .. | 06 | 19b | .. | .. | *02* | 24 | F | F5 |
| 4440 | Crater | — | *3285* | .. | 15748 | 26.8 | −20 13 | 6.26 | .. | .. | *13* | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | *07* | K | F5 |
| 4441 | Cent. | $o^1$ | 3692 | *3840* | 15755 | 27.1 | −58 53 | 4.96 | .. | .. | .. | .. | *03* | .. | .. | 04 | .. | 41 | .. | .. | 34 | *06* | .. | 22. | F 8 p | F8p |
| 4442 | Cent. | $o^2$ | 3693 | *3841* | 15756 | 27.1 | −58 58 | 5.26 | .. | .. | .. | .. | 04 | .. | .. | *04* | .. | | .. | .. | 19 | .. | *08* | 11. | A 2 p | A2p |
| 4443 | Hydra | N *17* | 8928 | 1991 | 15759 | 27.3 | −28 43 | 5.86 | *09* | .. | .. | 08 | .. | 06 | *05* | R | *17* | .. | .. | .. | .. | .. | *05* | 58 | G | G0 |
| 4444 | Hydra | | | | 15760 | 27.3 | −28 43 | 5.78 | | | | | | | | | | | | | | | | | | |
| 4445 | Hydra | — | 8620 | 1992 | 15764 | 27.4 | −26 11 | 6.50 | 07 | .. | .. | *09* | .. | 00 | 01 | .. | .. | .. | .. | .. | .. | .. | 04 | 5. | Mb | Ma |
| 4446 | Crater | — | 3250 | .. | 15769 | 27.7 | − 7 16 | 6.17 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 25 | K | K0 |
| 4447 | Cent. | — | 7168 | *3849* | 15776 | 27.9 | −39 53 | 5.71 | .. | *04* | .. | .. | *04* | 07 | 12 | *13* | .. | .. | .. | .. | *06* | .. | 09 | 20. | Ma | Ma |
| 4448 | Musca | — | 1605 | .. | 15781 | 27.9 | −66 24 | 5.93 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | K | K0 |
| 4449 | Hydra | *18* | 9303 | *3848* | 15777 | 28.0 | −30 33 | 5.23 | 17 | 01 | .. | .. | *29* | 15 | 08 | *13* | 07 | .. | .. | .. | 42 | .. | 01 | 20. | Ma | Ma |
| 4450 | Hydra | ξ *19* | 9083 | *3853* | 15786 | 28.1 | −31 18 | 3.72 | 04 | *02* | .. | .. | *07* | 01 | 05 | *02* | 98 | *09* | .. | .. | *62* | .. | 04 | 18. | G 5 | G5 |

6529

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**11h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 4451 | Crater | — | 3295 | 1995 | 15788 | 28.2 | −15 43 | 6.00 | 32 | .. | 20 | .. | .. | 06 | 06 | .. | .. | .. | .. | .. | .. | .. | 15 | 15 | G | g0 |
| 4452 | U. Maj. | — | 2195 | .. | .. | 28.6 | +37 23 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17c | .. | .. | .. | 39 | K | K0 |
| 4453 | Cent. | — | 7175 | 3860 | 15795 | 28.7 | −40 2 | 5.50 | .. | 20 | .. | .. | 11 | 03 | 05 | 15 | .. | .. | .. | .. | 15 | .. | 10 | 1. | A 2 | a2 |
| 4454 | Leo | — | 2372 | .. | .. | 29.0 | +11 35 | 6.46 | .. | .. | .. | .. | .. | 05 | 04 | .. | .. | .. | .. | 39a | .. | .. | .. | 24 | A | a2 |
| 4455 | Leo | 89 | 2521 | 1996 | .. | 29.3 | + 3 37 | 5.81 | 08 | .. | .. | .. | .. | 14 | 07 | .. | 31 | .. | 28 | 17a | .. | 04 | 19 | 21 | A | f5 |
| 4456 | Leo | 90 | 2374 | 1998 | .. | 29.5 | +17 21 | 5.76 | 05 | .. | .. | .. | .. | 05 | .. | .. | 16 | .. | 14 | 37b | .. | 27 | .. | 26 | B 3 | B3 |
| 4457 | U. Maj. | — | 1473 | 1997 | .. | 29.6 | +55 20 | 5.76 | 00 | .. | .. | .. | .. | 07 | 08 | .. | .. | .. | 09 | 06c | .. | .. | 14 | 29 | A | g5 |
| 4458 | Hydra | 20 | 8179 | 3868 | 15815 | 29.6 | −32 18 | 6.14 | .. | 00 | .. | .. | 03 | 06 | 10 | 11 | 11 | .. | .. | .. | 29 | .. | 24 | 6. | G | g5 |
| 4459 | Leo | — | 2331 | .. | .. | 29.9 | +20 59 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 20c | .. | .. | .. | 28 | K | K0 |
| 4460 | Cent. | A | 4637 | 3871 | 15825 | 30.0 | −53 42 | 4.82 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | 31 | .. | .. | 23 | .. | 07 | 11. | B 8 | B8 |
| 4461 | Draco | 2 | 670 | 1999 | .. | 30.2 | +69 53 | 5.36 | 18 | .. | 02 | .. | .. | 15 | .. | .. | 11 | .. | .. | 06c | .. | .. | 04 | 57 | K | K0 |
| 4462 | Cent. | — | 6630 | 3873 | 15827 | 30.2 | −48 35 | 5.57 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 05 | 20. | G 2 | K0 |
| 4463 | Cent. | C1 | 7199 | 3876 | 15832 | 30.4 | −46 49 | 5.63 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | .. | .. | 22 | 14. | Ma | Ma |
| 4464 | Leo | — | 2377 | 2000 | .. | 30.5 | +11 28 | 6.45 | 22 | .. | .. | .. | .. | 12 | 09 | .. | .. | .. | 03 | 38a | .. | .. | 28 | 28 | A | a2 |
| 4465 | Leo | — | 2022 | 2001 | .. | 31.0 | +28 20 | 5.82 | 01 | .. | .. | .. | .. | 04 | 06 | .. | .. | .. | 00 | 20b | .. | .. | 12 | 11 | A | a3 |
| 4466 | Cent. | C2 | 7205 | 3882 | 15841 | 31.1 | −47 5 | 5.42 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | 22 | 9. | A 5 | f0 |
| 4467 | Cent. | λ | 2127 | 3883 | 15848 | 31.2 | −62 28 | 3.34 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | 05 | .. | .. | 06 | .. | 00 | 12. | B 9 | B9 |
| 4468 | Crater | θ 21 | 3202 | 2002 | 15851 | 31.6 | − 9 15 | 4.81 | 09 | .. | .. | .. | .. | 20 | 20 | 09 | 01 | 17 | .. | .. | .. | .. | 01 | 31 | B 9 | B9 |
| 4469 | Hydra | 22 | 8199 | 3888 | 15854 | 31.6 | −33 1 | 5.87 | .. | 05 | .. | .. | 02 | 06 | 06 | 02 | 33 | .. | .. | .. | 27 | .. | 12 | 11. | K | K0 |
| 4470 | Cent. | — | 7291 | .. | 15860 | 31.7 | −36 41 | 6.46 | .. | .. | .. | .. | .. | .. | 28 | 27 | .. | .. | .. | .. | .. | .. | .. | 1. | A | a0 |
| 4471 | Leo | υ 91 | 2458 | 2003 | 15861 | 31.8 | − 0 16 | 4.47 | 01 | .. | 09 | .. | .. | 13 | .. | 05 | 03 | 00 | 15 | .. | .. | .. | 18 | 64 | K | K0 |
| 4472 | Cent. | — | 3140 | .. | 15862 | 31.8 | −60 30 | 5.84 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | B 3 | B3 |
| 4473 | Hydra | 23 | 8202 | .. | 15869 | 32.0 | −32 26 | 6.44 | .. | 10 | .. | .. | .. | 14 | 01 | 05 | 19 | .. | .. | .. | 54 | .. | .. | 6. | F 2 p | f5 |
| 4474 | U. Maj. | — | 1679 | 2004 | .. | 32.4 | +51 10 | 5.99 | 25 | .. | .. | .. | .. | 11 | 14 | .. | .. | .. | 14 | 30c | .. | .. | 01 | 46 | K | K0 |
| 4475 | Cent. | — | 3182 | 3893 | 15877 | 32.4 | −60 44 | 5.10 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | R | .. | .. | .. | .. | 15 | 20. | K | K0 |
| 4476 | Cent. | C3 | 6997 | 3894 | 15883 | 32.7 | −47 11 | 5.45 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | 05 | 18. | G 5 p | K2 |
| 4477 | U. Maj. | 59 | 2110 | 2005 | .. | 33.0 | +44 10 | 5.52 | 05 | .. | .. | .. | .. | 04 | .. | .. | 08 | .. | 01 | 25b | .. | 20 | 01 | 24 | A | f0 |
| 4478 | Leo | — | 2523 | .. | .. | 33.0 | + 9 26 | 6.55 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13a | .. | .. | .. | 01 | G 5 | K0 |
| 4479 | Cham. | π | 744 | 3900 | 15898 | 33.1 | −75 21 | 5.74 | .. | .. | .. | .. | 08 | .. | .. | 07 | .. | .. | .. | .. | 31 | .. | 02 | 10. | F | f0 |
| 4480 | U. Maj. | 60 | 1894 | 2007 | .. | 33.2 | +47 23 | 6.25 | 05 | .. | .. | .. | .. | 05 | .. | .. | 15 | .. | .. | 13b | .. | .. | 15 | 03 | F | f2 |
| 4481 | U. Maj. | — | 843 | 2006 | .. | 33.3 | +64 53 | 6.44 | 12 | .. | 16 | .. | .. | 02 | 05 | .. | .. | .. | 16 | 20b | .. | .. | 13 | 18 | A | a2 |
| 4482 | U. Maj. | — | 2242 | .. | .. | 33.3 | +34 12 | 6.36 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | 02d | .. | .. | .. | 34 | G 5 | K2 |
| 4483 | Virgo | ω 1 | 2532 | 2008 | .. | 33.3 | + 8 42 | 5.47 | 02 | .. | .. | .. | .. | 02 | .. | .. | 22 | .. | 22 | 05e | .. | .. | 05 | 79 | Mb | Ma |
| 4484 | Virgo | — | 2546 | .. | 15895 | 33.3 | − 1 53 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 20 | K | K0 |
| 4485 | Musca | — | 1629 | .. | 15900 | 33.3 | −67 4 | 5.90 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | G 5 | K0 |
| 4486 | U. Maj. | — | 1947 | .. | .. | 33.5 | +45 40 | 6.34 | .. | .. | 03 | .. | .. | .. | 02 | .. | .. | .. | .. | R b | .. | .. | .. | 25 | F | g0 |
| 4487 | Cent. | — | 2463 | 3905 | 15901 | 33.5 | −61 16 | 5.32 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | 13 | .. | .. | 23 | .. | 02 | 3. | A | a0 |
| 4488 | Crater | ι 24 | 3466 | 2009 | 15903 | 33.6 | −12 39 | 5.64 | 01 | .. | .. | .. | .. | 18 | 16 | 02 | 04 | .. | .. | .. | .. | .. | 16 | 06 | F 8 | g0 |
| 4489 | Crater | — | 9867 | .. | 15913 | 34.0 | −24 9 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 12 | K | g5 |
| 4490 | Crater | — | 3420 | .. | 15931 | 34.8 | −13 55 | 6.39 | .. | .. | .. | .. | .. | 00 | .. | 00 | .. | .. | .. | .. | .. | .. | .. | 72 | A | a0 |
| 4491 | Crater | — | 3323 | .. | 15930 | 34.8 | −16 4 | 6.48 | .. | .. | 03 | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 11 | Ma | Ma |
| 4492 | Musca | — | 1685 | 3911 | 15937 | 34.8 | −64 50 | 5.08 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | 24 | .. | .. | 42 | .. | 04 | 13. | A | g0 f0 Comp. |
| 4493 | U. Maj. | — | 1331 | .. | .. | 35.0 | +58 31 | 6.10 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 54a | .. | .. | .. | 24 | A | a |
| 4494 | Hydra | o 25 | 7610 | 3918 | 15950 | 35.2 | −34 11 | 4.88 | .. | 04 | .. | .. | 10 | 04 | 18 | 09 | 72 | .. | .. | .. | 38 | 13 | 02 | 3. | B 8 | B8 |
| 4495 | Leo | 92 | 2391 | 2010 | .. | 35.6 | +21 54 | 5.43 | 05 | .. | .. | .. | .. | 03 | 02 | .. | 03 | .. | 18 | 09c | .. | .. | 23 | 49 | K p | g5 |
| 4496 | U. Maj. | 61 | 2270 | 2011 | .. | 35.7 | +34 46 | 5.46 | 38 | .. | 14 | .. | .. | 23 | .. | .. | 14 | .. | 09 | 12b | .. | .. | 19 | 24 | F 8 | g5 |
| 4497 | Cent. | — | 4691 | .. | 15962 | 35.9 | −53 24 | 5.98 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | Ma | Ma |
| 4498 | Hydra | — | 9027 | 2012 | 15972 | 36.1 | −28 39 | 6.46 | 10 | .. | .. | 03 | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | 06 | 1. | F 5 | g0 |
| 4499 | Cent. | — | 2514 | 3927 | 15975 | 36.2 | −61 32 | 4.88 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | .. | .. | .. | 42 | .. | 14 | 22. | G | ~~f0~~ g0 |
| 4500 | U. Maj. | — | 1481 | .. | .. | 36.4 | +55 43 | 6.40 | .. | .. | 01 | .. | .. | .. | 00 | .. | .. | .. | .. | 04d | .. | .. | .. | 70 | G 5 | K5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**11h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 4501 | U. Maj. | 62 | 2179 | 2013 | .. | 36.4 | +32 18 | 5.74 | 04 | .. | .. | .. | .. | 01 | 05 | .. | 16 | .. | 14 | 23b | .. | .. | 02 | 07 | F | F5 |
| 4502 | Cent. | — | 7155 | 3932 | 15983 | 36.4 | −42 32 | 5.69 | .. | .. | .. | .. | 10 | .. | 01 | 10 | .. | .. | .. | .. | .. | .. | 09 | 2. | A | A0 |
| 4503 | Hydra | 26 | 9181 | 3933 | 15986 | 36.8 | −31 57 | 5.31 | 06 | 09 | .. | .. | 33 | 15 | 09 | 08 | 04 | .. | .. | .. | 06 | .. | 24 | 17. | K5 | K5 |
| 4504 | Draco | 3 | 714 | 2015 | .. | 36.9 | +67 18 | 5.48 | 01 | 00 | .. | .. | .. | 00 | 01 | .. | 48 | .. | 12 | 05c | .. | 13 | 11 | 64 | Ma | K0 |
| 4505 | Leo | — | 2375 | .. | .. | 37.0 | +22 46 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 38b | .. | .. | 18 | 20 | A | F2 |
| 4506 | Crater | — | 3326 | .. | 15993 | 37.0 | −19 44 | 6.30 | .. | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10. | Kp | K0 |
| 4507 | Cham. | — | 469 | 3938 | 16016 | 37.6 | −82 32 | 6.22 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | 18. | K | K0 |
| 4508 | Cent. | — | 7371 | .. | 16026 | 38.4 | −36 38 | 6.12 | .. | .. | .. | .. | .. | .. | 09 | 08 | .. | .. | .. | .. | .. | .. | .. | 10. | K | K2 |
| 4509 | Cham. | — | 677 | .. | 16041 | 38.6 | −78 45 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 41 | .. | .. | 10. | K | K0 |
| 4510 | Virgo | — | 3340 | .. | 16035 | 38.8 | − 6 7 | 6.23 | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | G | K0 |
| 4511 | Cent. | — | 2559 | 3949 | 16039 | 38.8 | −61 56 | 5.18 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | 01 | .. | .. | 07 | .. | 02 | 16. | F8p | F8p |
| 4512 | Leo | — | 2250 | .. | .. | 39.1 | +25 47 | 6.19 | .. | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | .. | 04d | .. | .. | .. | 31 | K | K5 |
| 4513 | Cent. | — | 2250 | .. | 16046 | 39.1 | −62 19 | 6.22 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | A | A0 |
| 4514 | Crater | ζ 27 | 3460 | 2016 | 16053 | 39.7 | −17 48 | 4.90 | 01 | .. | .. | .. | .. | 10 | 08 | R | 00 | 03 | .. | .. | .. | .. | 15 | 52 | G5 | G5 |
| 4515 | Virgo | ξ 2 | 2545 | 2017 | .. | 40.1 | + 8 49 | 5.06 | 14 | .. | .. | 38 | .. | 00 | 25 | .. | 31 | .. | 15 | 04b | .. | .. | 02 | 12 | A3 | A3 |
| 4516 | Cent. | — | 6777 | .. | 16064 | 40.3 | −48 31 | 6.27 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 4517 | Virgo | ν 3 | 2479 | 2019 | .. | 40.7 | + 7 5 | 4.20 | 04 | .. | .. | 04 | .. | 09 | .. | .. | 00 | .. | 11 | 00d | .. | .. | 02 | 125 | Ma | Ma |
| 4518 | U. Maj. | χ 63 | 1966 | 2018 | .. | 40.8 | +48 20 | 3.85 | 04 | .. | .. | .. | .. | 11 | 06 | .. | 08 | .. | 05 | 00d | .. | .. | 10 | 107 | K | K0 |
| 4519 | Cent. | — | 7564 | 3962 | 16080 | 40.8 | −45 8 | 5.44 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | .. | .. | .. | 14 | .. | 01 | 3. | B8 | B8 |
| 4520 | Musca | λ | 1640 | 3963 | 16085 | 40.9 | −66 10 | 3.80 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | 17 | .. | .. | 25 | .. | 15 | 8. | A5 | A5 |
| 4521 | U. Maj. | — | 1544 | 2020 | .. | 41.6 | +56 11 | 5.41 | 08 | .. | .. | .. | .. | 04 | 11 | .. | .. | .. | 17 | 01d | .. | 19 | 06 | 100 | K | K0 |
| 4522 | Cent. | — | 3325 | 3966 | 16100 | 41.7 | −60 37 | 4.22 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | 24 | .. | .. | 18 | .. | 13 | 15. | G | G0 |
| 4523 | Cent. | — | 7301 | 3969 | 16103 | 41.8 | −39 57 | 5.04 | .. | 04 | .. | .. | 07 | 00 | 00 | 01 | .. | .. | .. | .. | .. | .. | 01 | 8. | G | G5 |
| 4524 | Cent. | — | 7438 | 3970 | 16110 | 42.0 | −35 21 | 6.26 | .. | .. | .. | .. | 13 | .. | 22 | 08 | .. | .. | .. | .. | .. | .. | .. | 7. | Mc | K0 |
| 4525 | Hydra | — | 9337 | 2021 | 16114 | 42.3 | −29 43 | 6.56 | 05 | .. | .. | 02 | .. | 10 | 03 | .. | .. | .. | .. | .. | .. | .. | 06 | 7. | G | G0 |
| 4526 | Cent. | — | 4989 | .. | 16120 | 42.4 | −57 8 | 5.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 01 | 24. | Kp | K0 |
| 4527 | Leo | 93 | 2358 | 2022 | .. | 42.8 | +20 46 | 4.54 | 01 | .. | .. | .. | .. | 03 | 05 | .. | 06 | .. | 15 | 20b | .. | .. | 21 | 25 | F8 | F8 |
| 4528 | Virgo | A¹ 4 | 2549 | 2023 | .. | 42.8 | + 8 48 | 5.22 | 00 | .. | .. | 13 | .. | 19 | 07 | .. | 03 | .. | 08 | 33b | .. | .. | 03 | 04 | A | A0 |
| 4529 | Crater | — | 3366 | .. | 16129 | 43.3 | − 9 45 | 6.30 | .. | .. | 01 | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | F8 | G0 |
| 4530 | Musca | μ | 1649 | 3978 | 16133 | 43.4 | −66 15 | 4.71 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | 62 | .. | .. | 39 | .. | 06 | 28. | K5 | K5 |
| 4531 | Leo | — | 2381 | .. | .. | 43.5 | +14 51 | 5.90 | .. | .. | 01 | .. | .. | 03 | 01 | .. | .. | .. | .. | 24b | .. | .. | .. | 06 | A | A5 |
| 4532 | Hydra | — | 8789 | 2024 | 16139 | 43.7 | −26 11 | 5.45 | 22 | .. | .. | 04 | .. | 06 | 11 | R | .. | .. | .. | .. | .. | .. | 21 | 72 | Mb | Mb |
| 4533 | Virgo | — | 2843 | .. | .. | 43.9 | + 0 14 | 6.24 | .. | .. | 04 | .. | .. | .. | 04 | .. | .. | .. | .. | 24b | .. | .. | .. | .. | F8 | F8 |
| 4534 | Leo | β 94 | 2383 | 2025 | .. | 44.0 | +15 8 | 2.23 | 00 | .. | .. | 01 | .. | 05 | 07 | .. | 05 | 02 | 16 | 39b | .. | .. | 20 | R | A2 | A2 |
| 4535 | Leo | — | 2402 | 2026 | .. | 44.1 | +16 48 | 5.95 | 14 | .. | .. | .. | .. | 16 | 02 | .. | .. | .. | 06 | 37b | .. | .. | 15 | 10 | A | A2 |
| 4536 | U. Maj. | — | 2284 | 2027 | .. | 44.5 | +35 29 | 5.76 | 12 | .. | .. | .. | .. | 04 | 07 | .. | .. | .. | 18 | 30b | .. | .. | 11 | 19 | F | F5 |
| 4537 | Cent. | j | 1988 | 3987 | 16151 | 44.8 | −63 14 | 4.52 | .. | .. | .. | .. | 10 | .. | .. | 09 | .. | 05 | .. | .. | 08 | .. | 06 | 6. | B5 | B5 |
| 4538 | Musca | — | 1595 | 3990 | 16162 | 45.2 | −69 40 | 4.90 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | 42 | .. | .. | 40 | .. | 16 | 22. | G5 | G5 |
| 4539 | Crater | — | 3363 | .. | 16161 | 45.3 | −15 18 | 6.29 | .. | .. | 07 | .. | .. | 10 | 04 | .. | .. | R | .. | .. | .. | 02 | .. | 06 | K | K0 |
| 4540 | Virgo | β 5 | 2489 | 2028 | .. | 45.5 | + 2 20 | 3.80 | 08 | .. | .. | 09 | .. | 00 | .. | .. | 00 | 15 | 22 | 06b | .. | .. | 02 | 60 | F8 | F8 |
| 4541 | Cent. | — | 2677 | .. | 16169 | 45.5 | −62 5 | 5.65 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | A5 | A2p |
| 4542 | Hydra | — | 8807 | 2029 | 16167 | 45.6 | −26 43 | 6.53 | 04 | .. | .. | 09 | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 01 | 07 | K | K0 |
| 4543 | Leo | — | 2465 | 2030 | .. | 45.8 | +12 50 | 6.22 | 22 | .. | .. | 09 | .. | 13 | .. | .. | .. | .. | 22 | 43b | .. | .. | 27 | 21 | A | A3 |
| 4544 | Virgo | — | 3152 | 2032 | 16174 | 45.9 | − 4 46 | 5.81 | 13 | .. | 02 | .. | .. | 09 | 06 | R | .. | .. | .. | .. | .. | .. | 11 | 32 | K | K0 F2 |
| 4545 | U. Maj. | — | 2264 | 2031 | .. | 46.0 | +33 56 | 6.14 | 00 | .. | 00 | .. | .. | 02 | 01 | .. | .. | .. | 08 | 22a | .. | 18 | 09 | 08 | A | Comp A2 |
| 4546 | Cent. | B | 7614 | 3995 | 16179 | 46.1 | −44 37 | 4.71 | .. | .. | .. | .. | 12 | 21 | 08 | 16 | .. | .. | .. | .. | 06 | .. | 06 | 20. | Kp | K0 |
| 4547 | Crater | — | 3190 | .. | R | 46.3 | −11 38 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 17 | F | G0 |
| 4548 | Hydra | — | 9506 | 4000 | 16192 | 46.6 | −30 16 | 5.96 | 16 | 09 | .. | .. | 02 | 05 | 04 | 04 | .. | .. | .. | .. | .. | .. | 19 | 9. | F2 | G0 |
| 4549 | Musca | — | 1724 | 4001 | 16200 | 47.0 | −64 39 | 5.10 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | 04 | .. | .. | 10 | .. | 02 | 5. | B8 | B5 |
| 4550 | U. Maj. | — | 2285 | 2034 | .. | 47.2 | +38 26 | 6.46 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | .. | 10c | .. | .. | 08 | 17 | Gp | G5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**11h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 4551 | Cent. | — | 4836 | 4002 | 16206 | 47.2 | −56 26 | 5.69 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | 09 | .. | 06 | 13. | A 2 |
| 4552 | Hydra | β 28 | 8018 | 4005 | 16217 | 47.8 | −33 21 | 4.40 | 22 | 04 | .. | .. | 07 | 08 | 07 | 23 | 30 | 49 | .. | .. | 40 | .. | 05 | 8. | B 9 |
| 4553 | Hydra | — | 7760 | .. | 16225 | 48.4 | −34 30 | 6.28 | .. | .. | .. | .. | .. | .. | 06 | 07 | .. | .. | .. | .. | 68 | .. | .. | 7. | A 2 |
| 4554 | U. Maj. | γ 64 | 1475 | 2036 | .. | 48.6 | +54 15 | 2.54 | 02 | .. | .. | .. | .. | 01 | .. | .. | 36 | 06 | 24 | 14a | .. | .. | 26 | 35 | A |
| 4555 | Virgo | — | 2624 | .. | .. | 48.7 | + 1 7 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 24b | .. | .. | .. | 13 | A |
| 4556 | Cent. | — | 4861 | .. | 16245 | 49.2 | −56 51 | 6.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 51 | .. | .. | 12. | A 2 |
| 4557 | Cent. | — | 7536 | .. | 16247 | 49.5 | −37 11 | 6.53 | .. | .. | .. | .. | .. | .. | 05 | 05 | .. | .. | .. | .. | .. | .. | .. | 5. | F |
| 4558 | Hydra | — | 8930 | 2037 | 16252 | 49.7 | −25 9 | 5.50 | 07 | .. | .. | 20 | 10 | 13 | .. | 08 | .. | .. | .. | .. | .. | .. | 18 | 35 | G |
| 4559 | Virgo | A² 6 | 2560 | 2038 | .. | 49.9 | + 9 0 | 5.62 | 03 | .. | .. | 02 | .. | 01 | 06 | .. | 08 | .. | 10 | 17c | .. | .. | 04 | 64 | G |
| 4560 | U. Maj. | 65 | 1913 | 2039 | .. | 49.9 | +47 2 | 6.46 | 03 | .. | .. | .. | .. | 01 | .. | .. | 07 | .. | 14 | 32b | .. | .. | 07 | 29 | A |
| 4561 | U. Maj. | | 1914 | 2040 | .. | 50.0 | +47 1 | 6.81 | | | | | | 06 | | | | | 05 | 27b | | | | | |
| 4562 | U. Maj. | — | 2230 | .. | .. | 50.0 | +37 20 | 6.54 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06d | .. | .. | .. | .. | Mb |
| 4563 | Cent. | — | 2408 | .. | 16263 | 50.0 | −62 43 | 6.05 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | A 2 |
| 4564 | Leo | o 95 | 2319 | 2041 | .. | 50.5 | +16 12 | 5.49 | 08 | .. | .. | .. | .. | 08 | 01 | .. | 09 | .. | 02 | 25b | .. | .. | 04 | 00 | A 2 |
| 4565 | Hydra | 29 | 8384 | 2042 | 16277 | 50.6 | −27 55 | 6.12 | 23 | .. | .. | 14 | .. | 07 | 01 | .. | 72 | .. | .. | .. | .. | .. | 16 | 14. | K p |
| 4566 | U. Maj. | 66 | 1343 | 2043 | .. | 50.7 | +57 9 | 5.93 | 17 | .. | .. | .. | .. | 07 | 10 | .. | 08 | .. | 07 | 19d | .. | .. | 15 | 57 | G 5 |
| 4567 | Crater | η 30 | 3358 | 2044 | 16284 | 50.9 | −16 35 | 5.16 | 15 | .. | .. | .. | .. | 07 | 09 | R | 01 | .. | .. | .. | .. | .. | 01 | 07 | A |
| 4568 | Cent. | — | 7410 | .. | 16282 | 50.9 | −39 8 | 6.30 | .. | .. | .. | .. | .. | .. | 02 | 01 | .. | .. | .. | .. | .. | .. | .. | 11. | K |
| 4569 | U. Maj. | — | 1204 | 2045 | .. | 51.7 | +62 6 | 6.28 | 10 | .. | .. | .. | .. | 03 | 08 | .. | .. | .. | 22 | 12c | .. | .. | 18 | 37 | K |
| 4570 | Cent. | — | 7521 | .. | 16301 | 51.7 | −46 31 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | A |
| 4571 | Hydra | — | 8413 | .. | 16309 | 52.0 | −32 45 | ~~6.29~~ | .. | .. | .. | .. | .. | .. | 14 | 14 | .. | .. | .. | .. | .. | .. | .. | 3. | A |
| 4572 | U. Maj. | — | 2253 | 2046 | .. | 52.1 | +40 55 | 6.54 | 17 | .. | .. | .. | .. | 03 | 15 | .. | .. | .. | 31 | 23b | .. | .. | 14 | 06 | A |
| 4573 | Crux | — | 2829 | .. | 16329 | 52.6 | −61 53 | 5.70 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | B 5 |
| 4574 | U. Maj. | — | 2174 | .. | .. | 53.0 | +32 50 | 6.30 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | 42b | .. | .. | .. | 01 | A 5 |
| 4575 | U. Maj. | — | 1206 | .. | .. | 53.2 | +62 2 | 6.66 | .. | .. | .. | .. | .. | 17 | 17 | .. | .. | .. | .. | 22b | .. | .. | .. | .. | K |
| 4576 | Crux | — | 4751 | 4026 | 16341 | 53.2 | −55 45 | 5.64 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | R | .. | 02 | 8. | A |
| 4577 | Cent. | — | 7041 | 4027 | 16345 | 53.3 | −40 23 | 6.81 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | 56 | .. | .. | 11. | K |
| 4578 | Crux | — | 2073 | .. | 16359 | 53.7 | −63 47 | 5.66 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | A 2 |
| 4579 | Hydra | — | 8963 | 2047 | 16360 | 53.8 | −25 21 | 6.39 | 06 | .. | .. | 03 | 14 | 01 | 06 | .. | .. | .. | .. | .. | .. | .. | 06 | 49 | A |
| 4580 | Virgo | — | 2636 | .. | .. | 53.9 | + 1 5 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 12d | .. | .. | .. | .. | K |
| 4581 | U. Maj. | — | 2176 | 2048 | .. | 54.1 | +33 43 | 6.02 | 02 | .. | .. | .. | .. | 07 | 06 | .. | .. | .. | .. | 18c | .. | .. | 02 | 53 | K p |
| 4582 | Cent. | — | 6236 | .. | 16366 | 54.1 | −51 8 | 6.18 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | K |
| 4583 | Cham. | ε | 772 | 4039 | 16382 | 54.7 | −77 40 | 5.05 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 35 | .. | .. | 05 | .. | 15 | 1. | B 9 |
| 4584 | U. Maj. | — | 2279 | .. | .. | 54.8 | +34 36 | 6.27 | .. | .. | 05 | .. | .. | .. | 05 | .. | .. | .. | .. | 47a | .. | .. | .. | 03 | A |
| 4585 | Virgo | b 7 | 2556 | 2049 | .. | 54.8 | + 4 13 | 5.24 | 02 | .. | .. | 13 | .. | 10 | 00 | .. | 21 | .. | 12 | 48b | .. | .. | 04 | 06 | A |
| 4586 | Camel. | — | 389 | .. | .. | 55.1 | +81 25 | 6.44 | .. | .. | 09 | .. | .. | 10 | .. | .. | .. | .. | .. | 01d | .. | .. | .. | 42 | Ma |
| 4587 | *Virgo* | — | 3413 | 2050 | 16402 | 55.6 | − 9 52 | 5.63 | 09 | .. | 12 | .. | .. | 21 | 01 | R | .. | .. | .. | .. | .. | .. | 02 | 37 | G |
| 4588 | Corvus | — | 3443 | .. | 16401 | 55.6 | −21 16 | 6.42 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6. | K |
| 4589 | Virgo | π 8 | 2502 | 2051 | .. | 55.7 | + 7 10 | 4.57 | 13 | .. | .. | 04 | .. | 09 | .. | .. | 05 | .. | 05 | 30b | .. | .. | 22 | 18 | A 3 |
| 4590 | *Corvus* | 31 | 3295 | 2052 | 16406 | 55.8 | −19 6 | 5.28 | 18 | .. | .. | .. | .. | 00 | 01 | 19 | 08 | .. | .. | .. | .. | .. | 18 | 05 | B 3 |
| 4591 | Virgo | — | 2520 | .. | 16409 | 55.9 | − 1 12 | 6.45 | .. | .. | 03 | .. | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 21 | K |
| 4592 | Crux | — | 4954 | .. | 16417 | 56.4 | −56 56 | 6.41 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | A |
| 4593 | U. Maj. | — | 2230 | 2053 | .. | 56.5 | +36 36 | 5.62 | 05 | .. | .. | .. | .. | 04 | 10 | .. | .. | .. | 23 | 08c | .. | .. | 13 | 67 | K |
| 4594 | U. Maj. | 67 | 2179 | 2054 | .. | 57.1 | +43 36 | 5.07 | 03 | .. | .. | .. | .. | 14 | 11 | .. | 03 | .. | 02 | 33b | .. | .. | 18 | 32 | A 3 |
| 4595 | Octans | — | 371 | 4054 | 16438 | 57.3 | −85 4 | 5.89 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | 26 | .. | .. | 25. | K 5 |
| 4596 | Musca | — | 1454 | .. | 16435 | 57.4 | −70 56 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K |
| 4597 | Musca | — | 1604 | 4057 | 16441 | 57.6 | −68 38 | 6.10 | .. | .. | .. | .. | .. | 00 | .. | 01 | .. | .. | .. | .. | 45 | .. | 15 | 4. | A |
| 4598 | Virgo | — | 3499 | .. | 16442 | 57.8 | − 7 7 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 26 | K |
| 4599 | Crux | θ¹ | 2543 | 4059 | 16451 | 58.0 | −62 45 | 4.48 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | 16 | .. | .. | 02 | .. | 07 | 8. | A 3 |
| 4600 | Cent. | — | 6938 | 4063 | 16458 | 58.5 | −41 52 | 5.28 | .. | .. | .. | .. | 08 | 06 | 03 | 02 | .. | .. | .. | .. | 03 | .. | 12 | 8. | F |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 4601 | Musca | — | 924 | .. | 16462 | 58.6 | −73 39 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K |
| 4602 | C.Beren. | 2 | 2437 | 2055 | .. | 59.2 | +22 1 | 5.77 | 05 | .. | .. | .. | .. | 10 | 06 | .. | 03 | .. | 13 | 54b | .. | .. | 07 | 05 | A |
| 4603 | Crux | $\theta^2$ | 2561 | 4066 | 16479 | 59.2 | −62 36 | 4.98 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | 08 | .. | .. | 18 | .. | 10 | 3. | B 3 |
| 4604 | Musca | — | 1896 | 4067 | 16481 | 59.5 | −67 46 | 5.42 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 00 | 4. | A |
| 4605 | Cham. | $\kappa$ | 777 | 4069 | 16484 | 59.6 | −75 57 | 5.00 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | 34 | .. | .. | 35 | .. | 05 | 20. | K 5 |
| 4606 | Camel. | — | 176 | .. | .. | 59.8 | +86 8 | 6.38 | R | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | .. | 16b | .. | .. | .. | 60 | F |
| 4607 | Crux | — | 3697 | 4070 | 16488 | 59.8 | −60 24 | 5.96 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | 25. | K |
| 4608 | Virgo | $o$ 9 | 2583 | 2057 | .. | 0.1 | + 9 18 | 4.24 | 03 | .. | .. | 00 | .. | 11 | 08 | .. | 24 | .. | 05 | 06d | .. | .. | 12 | 79 | G 5 |
| 4609 | Draco | — | 461 | 2056 | .. | 0.2 | +77 28 | 5.96 | 13 | .. | .. | .. | .. | 07 | 07 | .. | .. | .. | 14 | 04c | .. | .. | 18 | 23 | K |
| 4610 | U. Maj. | — | 999 | 2058 | .. | 0.6 | +63 30 | 6.24 | 03 | 00 | .. | .. | .. | 02 | 01 | .. | .. | .. | 03 | 02c | .. | 10 | 04 | 50 | K |
| 4611 | Musca | — | 1791 | 4076 | 16508 | 0.7 | −64 59 | 6.48 | .. | .. | .. | .. | 10 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | 4. | F 5 |
| 4612 | Hydra | — | 7694 | 4077 | 16512 | 0.8 | −35 8 | 6.26 | .. | 09 | .. | .. | 19 | 07 | 08 | 06 | .. | .. | .. | .. | .. | .. | 24 | 5. | A |
| 4613 | Virgo | — | 3460 | 2059 | 16517 | 0.9 | − 2 34 | 6.47 | 05 | .. | .. | .. | .. | 06 | 12 | .. | .. | .. | .. | .. | .. | .. | 22 | 02 | K |
| 4614 | Musca | — | 1903 | .. | 16527 | 1.1 | −68 5 | 6.24 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | G 2 |
| 4615 | Musca | — | 1788 | 4079 | 16534 | 1.2 | −65 9 | 5.98 | .. | .. | .. | .. | 10 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | .. | 11. | G |
| 4616 | Crux | $\eta$ | 2145 | 4083 | 16541 | 1.7 | −64 3 | 4.30 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 03 | .. | .. | 04 | .. | 04 | 10. | F |
| 4617 | Musca | — | 880 | 4088 | 16560 | 2.6 | −74 48 | 5.16 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | 31 | .. | 09 | 17. | G 2 |
| 4618 | Cent. | — | 6813 | 4089 | 16566 | 2.9 | −50 6 | 4.81 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 29 | 2. | B 5 |
| 4619 | Cent. | — | 6688 | 4090 | 16565 | 2.9 | −50 12 | 6.53 | .. | .. | .. | .. | 16 | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | 3. | B 5 |
| 4620 | Cent. | E | 7396 | 4092 | 16570 | 3.1 | −48 8 | 5.58 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | 53 | .. | 00 | 4. | A |
| 4621 | Cent. | $\delta$ | 6697 | 4093 | 16572 | 3.2 | −50 10 | 2.88 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | 16 | .. | .. | 58 | .. | 20 | 8. | B 3 p |
| 4622 | Crux | — | 3777 | 4094 | 16574 | 3.2 | −60 17 | 6.22 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | 22. | K |
| 4623 | Corvus | $\alpha$ 1 | 10174 | 2060 | 16576 | 3.3 | −24 10 | 4.18 | 14 | .. | .. | 26 | .. | 05 | 07 | 02 | 02 | 02 | .. | .. | .. | .. | 14 | 44 | F 2 |
| 4624 | Cent. | — | 7502 | 4096 | 16588 | 3.7 | −43 46 | 5.93 | .. | .. | .. | .. | 10 | 04 | 14 | 00 | .. | .. | .. | .. | 23 | .. | 02 | 10. | A |
| 4625 | Cent. | — | 7128 | 4099 | 16589 | 3.8 | −40 40 | 5.62 | .. | .. | .. | .. | 12 | 20 | 10 | 17 | .. | .. | .. | .. | .. | .. | 13 | 0. | B |
| 4626 | Virgo | 10 | 2517 | 2061 | .. | 4.6 | + 2 28 | 6.13 | 03 | .. | .. | 06 | .. | 06 | 04 | .. | 03 | .. | 20 | 02c | .. | .. | 13 | 39 | K |
| 4627 | Draco | — | 469 | .. | .. | 4.9 | +75 13 | 6.36 | .. | .. | 01 | .. | .. | .. | 00 | .. | .. | .. | .. | 21c | .. | .. | .. | 06 | F 5 |
| 4628 | Hydra | — | 7956 | .. | 16612 | 4.9 | −34 9 | 6.14 | .. | .. | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | 34 | .. | .. | 5. | A |
| 4629 | Virgo | 11 | 2559 | 2062 | .. | 5.0 | + 6 22 | 5.74 | 00 | .. | .. | 04 | .. | 03 | 09 | .. | 06 | .. | 04 | 24b | .. | .. | 06 | 15 | F |
| 4630 | Corvus | $\varepsilon$ 2 | 3487 | 2063 | 16615 | 5.0 | −22 4 | 3.21 | 07 | .. | .. | 01 | .. | 05 | 15 | 14 | 09 | 29 | .. | .. | .. | .. | 05 | 142 | K |
| 4631 | Cent. | — | 7714 | .. | 16622 | 5.4 | −37 18 | 6.08 | .. | .. | .. | .. | .. | .. | 04 | 03 | .. | .. | .. | .. | .. | .. | .. | 5. | A |
| 4632 | C.Beren. | 3 | 2446 | 2064 | .. | 5.5 | +17 22 | 6.34 | 03 | .. | .. | .. | .. | 10 | 08 | .. | 14 | .. | .. | 28b | .. | .. | 19 | 29 | A |
| 4633 | C.Beren. | — | 2084 | 2065 | .. | 5.7 | +27 50 | 5.78 | 05 | .. | .. | .. | .. | 06 | .. | .. | .. | .. | .. | 47b | .. | .. | 05 | 13 | A |
| 4634 | Crux | — | 3812 | .. | 16631 | 5.8 | −60 43 | 6.24 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | F 5 |
| 4635 | Corvus | 3 | 3305 | 2066 | 16634 | 5.9 | −23 2 | 5.44 | 19 | .. | .. | 09 | .. | 11 | .. | 16 | 24 | .. | .. | .. | .. | .. | 06 | 08 | A 2 |
| 4636 | Cent. | — | 7845 | 4105 | 16632 | 5.9 | −44 52 | 6.48 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 9. | G 5 |
| 4637 | Cent. | — | 6752 | .. | 16647 | 6.3 | −50 48 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | G 5 |
| 4638 | Cent. | $\rho$ | 6455 | 4107 | 16652 | 6.4 | −51 48 | 4.20 | .. | .. | .. | .. | 05 | .. | .. | 06 | .. | 06 | .. | .. | 05 | .. | 05 | 1. | B 3 |
| 4639 | Camel. | — | 356 | 2067 | .. | 6.5 | +82 16 | 6.28 | 02 | .. | 03 | .. | .. | 04 | .. | .. | .. | .. | 16 | 10d | .. | .. | 11 | 53 | Ma |
| 4640 | C.Beren. | 4 | 2316 | 2068 | .. | 6.7 | +26 25 | 5.81 | 12 | .. | .. | .. | .. | 08 | 03 | .. | 09 | .. | 25 | 01d | .. | .. | 06 | 69 | K |
| 4641 | U. Maj. | 68 | 1359 | .. | .. | 6.8 | +57 37 | 6.53 | .. | .. | .. | A | .. | .. | .. | .. | 06 | .. | .. | 06d | .. | .. | .. | .. | K p |
| 4642 | C.Beren. | — | 2265 | .. | .. | 6.9 | +29 6 | 6.40 | .. | .. | 06 | 02 | .. | 05 | .. | .. | .. | .. | .. | 29b | .. | .. | .. | 07 | G |
| 4643 | C.Beren. | 5 | 2398 | 2069 | .. | 7.1 | +21 6 | 5.67 | 09 | .. | .. | .. | .. | 14 | 06 | .. | 23 | .. | 24 | 11c | .. | .. | 23 | 50 | G 2 |
| 4644 | Crux | — | 2624 | .. | 16663 | 7.1 | −62 23 | 6.17 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | A p |
| 4645 | Musca | S | 1646 | .. | 16671 | 7.4 | −69 36 | var. | .. | .. | .. | .. | .. | .. | .. | v | .. | .. | .. | .. | .. | .. | .. | v | G |
| 4646 | Draco | — | 412 | 2070 | .. | 7.5 | +78 10 | 5.12 | 02 | .. | .. | 08 | .. | 05 | .. | .. | .. | .. | 00 | 22b | .. | .. | 01 | 00 | A 5 |
| 4647 | Hydra | — | 8252 | .. | 16684 | 8.0 | −33 34 | 6.64 | .. | .. | .. | .. | .. | .. | 13 | 14 | .. | .. | .. | .. | .. | .. | .. | 12. | Mb |
| 4648 | Cent. | — | 7581 | 4122 | 16688 | 8.2 | −38 22 | 5.90 | .. | 18 | .. | .. | 14 | 07 | 08 | 03 | .. | .. | .. | .. | .. | .. | 05 | 3. | B |
| 4649 | Cham. | — | 804 | .. | 16689 | 8.3 | −78 1 | 6.35 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K |
| 4650 | Virgo | 12 | 2440 | 2071 | .. | 8.4 | +10 50 | 5.81 | 05 | .. | .. | 05 | .. | 00 | 01 | .. | 31 | .. | 00 | 28b | .. | .. | 01 | 06 | A |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**12h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 4651 | Hydra | — | 8257 | .. | 16690 | 8.4 | −33 14 | 6.35 | .. | .. | .. | .. | .. | .. | 20 | 20 | .. | .. | .. | .. | .. | .. | .. | 4. | A | Bq |
| 4652 | Cent. | D | 7630 | 4127 | 16700 | 8.8 | −45 10 | 5.29 | .. | .. | .. | .. | 07 | .. | R | 07 | .. | .. | .. | .. | 41 | .. | 16 | 22. | K | K0 |
| 4653 | Crux | — | 2203 | .. | 16704 | 8.9 | −63 51 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | B 1 | B1 |
| 4654 | U. Maj. | 1 | 1504 | 2072 | .. | 9.8 | +53 59 | 6.26 | 00 | .. | 00 | .. | .. | 06 | 04 | .. | 41 | .. | 10 | 11c | .. | .. | 26 | 55 | K | K0 |
| 4655 | Corvus | — | 3606 | 2073 | 16727 | 9.8 | −20 17 | 5.98 | 13 | .. | 10 | .. | .. | 02 | 09 | 14 | .. | .. | .. | .. | .. | .. | 22 | 36 | G 2 | G5 |
| 4656 | Crux | δ | 4189 | 4134 | 16726 | 9.8 | −58 12 | 3.08 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | 10 | .. | .. | 12 | .. | 04 | 6. | B 3 | B3 |
| 4657 | Virgo | — | 3468 | 2074 | 16732 | 10.0 | − 9 43 | 6.12 | 01 | .. | 05 | .. | .. | 11 | 07 | 02 | .. | .. | 17 | .. | .. | .. | 02 | 03 | F 5 | F8 |
| 4658 | Cent. | — | 7056 | .. | 16734 | 10.3 | −41 21 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K | K0 |
| 4659 | Draco | — | 610 | 2076 | .. | 10.4 | +70 45 | 5.89 | 02 | .. | .. | .. | .. | 06 | 05 | .. | .. | .. | .. | 16c | .. | .. | 01 | 54 | K | K0 |
| 4660 | U. Maj. | δ 69 | 1363 | 2077 | .. | 10.5 | +57 35 | 3.44 | 03 | .. | .. | .. | .. | 03 | .. | .. | 16 | 17 | 03 | 08a | .. | .. | 14 | 27 | A 2 | A2 |
| 4661 | Corvus | — | 3322 | .. | 16740 | 10.6 | −22 47 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 22 | F | F5 |
| 4662 | Corvus | γ 4 | 3424 | 2078 | 16744 | 10.7 | −16 59 | 2.78 | 02 | .. | .. | .. | .. | 05 | .. | 08 | 02 | 15 | .. | .. | .. | .. | 06 | 50 | B 8 | B8 |
| 4663 | C.Beren. | 6 | 2436 | 2079 | .. | 10.9 | +15 28 | 5.08 | 03 | .. | .. | 01 | .. | 11 | 11 | .. | 02 | .. | 07 | 30b | .. | 18 | 13 | 06 | A 2 | A2 |
| 4664 | Musca | — | 1323 | .. | 16750 | 10.9 | −72 3 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | A | A0 |
| 4665 | Draco | — | 549 | .. | .. | 11.0 | +73 7 | 6.55 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15c | .. | .. | .. | 16 | G 5 | K0 |
| 4666 | C.Venat. | 2 | 2284 | 2080 | .. | 11.1 | +41 13 | 5.80 | 19 | .. | .. | .. | .. | 13 | 06 | .. | 10 | .. | 16 | 05d | .. | .. | 20 | 105 | K 5 p | K0 |
| 4667 | C.Beren. | 7 | 2443 | 2081 | .. | 11.2 | +24 30 | 5.06 | 10 | .. | .. | .. | .. | 12 | 03 | .. | 16 | .. | 30 | 13c | .. | .. | 09 | 48 | G 5 | K0 |
| 4668 | C.Venat. | — | 2213 | 2082 | .. | 11.5 | +33 37 | 5.08 | 06 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 07 | 00d | .. | .. | 02 | 105 | K | K0 |
| 4669 | Musca | — | 1844 | 4144 | 16756 | 11.7 | −65 8 | 6.23 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | .. | 2. | A | A0 |
| 4670 | Corvus | — | 3442 | .. | 16752 | 11.9 | −16 8 | 5.96 | .. | .. | 03 | .. | .. | 00 | 04 | R | .. | .. | .. | .. | .. | .. | .. | 40 | A | A2 |
| 4671 | Musca | ε | 1931 | 4147 | 16761 | 12.1 | −67 24 | 4.16 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 31 | .. | .. | 34 | .. | 04 | 24. | Mb | Mb |
| 4672 | U. Maj. | — | 1510 | .. | .. | 12.5 | +53 45 | 6.00 | .. | .. | 01 | .. | .. | 00 | .. | .. | .. | .. | .. | 11d | .. | .. | 15 | 88 | K | K2 |
| 4673 | C.Beren. | — | 2275 | 2083 | .. | 12.5 | +29 30 | 5.68 | 05 | .. | .. | 01 | .. | 05 | 09 | .. | .. | .. | 12 | 33a | .. | .. | 05 | 04 | A | A0 |
| 4674 | Cham. | β | 741 | 4148 | 16766 | 12.5 | −78 45 | 4.38 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | 01 | .. | .. | 17 | .. | 08 | 1. | B 5 | B5 |
| 4675 | Cent. | — | 7842 | .. | 16772 | 12.6 | −35 32 | 6.28 | .. | .. | .. | .. | .. | .. | 16 | 16 | .. | .. | .. | .. | .. | .. | .. | 5. | A | A0 |
| 4676 | C.Beren. | — | 2442 | .. | .. | 12.7 | +15 42 | 6.53 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 07d | .. | .. | .. | .. | K | K0 |
| 4677 | Virgo | — | ~~3263~~ | 2085 | 16781 | 13.0 | − 3 23 | 6.97 | 02 | .. | .. | .. | .. | 02 | 03 | .. | .. | .. | .. | .. | .. | .. | 10 | 11 | F | F0 3262 |
| 4678 | Virgo | — | | | 16782 | 13.0 | − 3 23 | 6.65 | | | | | | | | | | | | | | | | | | 3263 |
| 4679 | Crux | ζ | 2235 | 4153 | 16778 | 13.0 | −63 26 | 4.26 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | 11 | .. | .. | 16 | .. | 02 | 1. | B 3 | F0 B3 |
| 4680 | C.Beren. | — | 2350 | .. | .. | 13.5 | +30 49 | 6.14 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33b | .. | .. | .. | 29 | A | F0 |
| 4681 | Virgo | 13 | 2920 | .. | 16791 | 13.6 | − 0 14 | 5.92 | .. | .. | 01 | 06 | .. | 05 | .. | R | 12 | .. | .. | 22b | .. | 12 | .. | 02 | A | A3 |
| 4682 | Cent. | F | 5113 | 4157 | 16793 | 13.6 | −54 35 | 4.98 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | 04 | .. | .. | 42 | .. | 07 | 21. | Ma | Ma |
| 4683 | U. Min. | — | 107 | 2086 | .. | 13.7 | +87 0 | 6.33 | 03 | .. | 04 | .. | .. | 08 | .. | .. | .. | .. | 21 | 15b | .. | .. | 07 | 52 | F | F2 |
| 4684 | C.Beren. | — | 2326 | .. | .. | 14.0 | +26 34 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 37b | .. | .. | .. | 19 | A | A2 |
| 4685 | C.Beren. | 8 | 2448 | .. | .. | 14.3 | +23 35 | 6.15 | .. | .. | .. | 06 | .. | 02 | 08 | .. | 18 | .. | .. | 32b | .. | .. | .. | 27 | A | A3 |
| 4686 | U. Min. | — | 71 | 2092 | .. | 14.4 | +88 15 | 6.28 | 01 | .. | 05 | .. | .. | .. | 07 | .. | .. | .. | 13 | 22b | .. | .. | 08 | 42 | A | F0 |
| 4687 | Draco | — | 470 | 2084 | .. | 14.4 | +75 43 | 5.41 | 00 | .. | 02 | 06 | .. | 04 | .. | .. | .. | .. | 04 | 31b | .. | 23 | 01 | 13 | A 2 | A2 |
| 4688 | C.Beren. | 9 | 2106 | .. | .. | 14.5 | +28 43 | 6.30 | .. | .. | .. | 07 | .. | 07 | .. | .. | 10 | .. | .. | 38c | .. | .. | .. | 16 | F | F5 |
| 4689 | Virgo | η 15 | 2926 | 2088 | .. | 14.8 | − 0 7 | 4.00 | 05 | .. | 03 | 07 | .. | 00 | .. | .. | 10 | 16 | 18 | 25b | .. | .. | 08 | 21 | A | A0 |
| 4690 | C.Venat. | 3 | 2130 | 2087 | .. | 14.9 | +49 32 | 5.56 | 08 | .. | .. | .. | .. | 09 | .. | .. | 24 | .. | 26 | 16d | .. | .. | 03 | 107 | K 5 | K2 |
| 4691 | Corvus | — | 3511 | .. | 16820 | 15.0 | −21 37 | 6.11 | .. | .. | .. | .. | .. | 05 | 05 | .. | .. | .. | .. | .. | .. | .. | 36 | 11 | G 5 | G5 |
| 4692 | Musca | — | 1842 | 4165 | 16817 | 15.0 | −65 17 | 6.42 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | 0. | B 9 | Bq |
| 4693 | C.Beren. | — | 2114 | 2089 | .. | 15.3 | +27 11 | 5.72 | 11 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | 06c | .. | .. | 00 | 43 | K | K0 |
| 4694 | C.Beren. | — | 2329 | .. | .. | 15.3 | +26 34 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 41c | .. | .. | .. | 09 | A | A3 |
| 4695 | Virgo | c 16 | 2604 | 2090 | .. | 15.3 | + 3 53 | 5.10 | 05 | .. | .. | 03 | .. | 01 | .. | .. | 10 | .. | 22 | 08c | .. | .. | 05 | 68 | K | K0 |
| 4696 | Corvus | ζ 5 | 3514 | 2091 | 16824 | 15.4 | −21 39 | 5.30 | 18 | .. | .. | 18 | .. | 09 | 08 | .. | 05 | 00 | .. | .. | .. | .. | 08 | 18 | B 8 | B8 |
| 4697 | C.Beren. | 11 | 2592 | 2094 | .. | 15.6 | +18 21 | 4.91 | 03 | .. | .. | 03 | .. | 02 | 03 | .. | 01 | .. | 18 | 03c | .. | .. | 01 | 64 | K | K0 |
| 4698 | C.Beren. | — | 2115 | 2093 | .. | 15.7 | +27 37 | 6.30 | 09 | .. | .. | .. | .. | 08 | 01 | .. | .. | .. | .. | Ra | .. | .. | 20 | 04 | F | F0 |
| 4699 | Corvus | — | 3614 | 2095 | 16830 | 15.8 | −13 0 | 5.36 | 00 | .. | .. | .. | .. | 13 | 12 | .. | .. | .. | .. | .. | .. | .. | 19 | 36 | K | K0 |
| 4700 | Crux | ε | 4188 | 4173 | 16835 | 15.9 | −59 51 | 3.57 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | 36 | .. | .. | 10 | .. | 02 | 31. | K 2 | K2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



12h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 4701 | U· Maj. | 70 | 1371 | 2096 | .. | 16.1 | +58 25 | 5.72 | 04 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | 14 | 07d | .. | .. | 04 | 72 | K | K2 |
| 4702 | Crux | — | 5019 | .. | 16846 | 16.5 | −55 49 | 5.95 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 19. | Ma | Ma |
| 4703 | Musca | $\zeta^2$ | 1747 | 4176 | 16845 | 16.6 | −66 58 | 5.26 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | 19 | .. | .. | 06 | .. | 09 | 2. | A 5 | A5 |
| 4704 | Musca | $\zeta^1$ | 1939 | .. | 16847 | 16.6 | −67 45 | 5.82 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03 | .. | .. | 14. | K | K0 |
| 4705 | C.Beren. | — | 2498 | 2097 | .. | 17.2 | +25 19 | 6.02 | 13 | .. | 04 | .. | .. | 04 | 14 | .. | .. | .. | 03 | 43a | .. | .. | 02 | 23 | A | A0 |
| 4706 | Crux | — | 5202 | .. | 16867 | 17.4 | −57 7 | 5.59 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09 | .. | .. | 1. | A | B8 |
| 4707 | C.Beren. | 12 | 2337 | 2098 | .. | 17.5 | +26 24 | 4.78 | 03 | .. | .. | 15 | .. | 10 | 02 | .. | 02 | .. | 14 | 24c | .. | .. | 05 | 82 | G p | comp F5 A3 |
| 4708 | Virgo | 17 | 2599 | .. | .. | 17.5 | + 5 52 | 6.46 | .. | .. | .. | A | .. | .. | .. | .. | 16 | .. | .. | 20c | .. | .. | .. | 17 | F 5 | F8 |
| 4709 | Octans | — | 343 | 4182 | 16859 | 17.6 | −85 35 | 6.19 | .. | .. | .. | .. | 13 | .. | .. | 13 | .. | .. | .. | .. | 29 | .. | .. | 16. | G | K0 |
| 4710 | Musca | — | 1752 | .. | 16878 | 17.9 | −67 5 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K | K0 |
| 4711 | Corvus | 6 | 10314 | 2100 | 16887 | 18.2 | −24 17 | 5.81 | 05 | .. | .. | 00 | .. | 04 | 02 | .. | 39 | .. | .. | .. | .. | .. | R | 31 | K | K0 |
| 4712 | Cent. | $x^1$ | 8117 | 4187 | 16894 | 18.3 | −34 51 | 5.42 | .. | 00 | .. | .. | 02 | 04 | 07 | 07 | .. | 92 | .. | .. | 17 | .. | 07 | 4. | B 9 | B9 |
| 4713 | Cent. | — | 7700 | .. | 16893 | 18.3 | −38 45 | 6.43 | .. | .. | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | .. | .. | .. | .. | 8. | A 3 | A5 |
| 4714 | Cent. | — | 7701 | 4190 | 16896 | 18.5 | −38 21 | 5.90 | .. | 13 | .. | .. | 24 | 17 | 01 | 06 | .. | .. | .. | .. | .. | .. | 20 | 6. | B 9 | B9 |
| 4715 | C.Venat. | 4 | 2218 | 2101 | .. | 18.9 | +43 5 | 5.98 | 07 | .. | .. | 06 | .. | 08 | 10 | .. | 02 | .. | 07 | 27b | .. | 13 | 08 | 33 | A | F0 |
| 4716 | C.Venat. | 5 | 1626 | 2102 | .. | 19.2 | +52 7 | 4.97 | 07 | .. | .. | .. | .. | 00 | 06 | .. | 13 | .. | 21 | 03c | .. | .. | 33 | 64 | K | K0 |
| 4717 | C.Beren. | 13 | 2344 | 2103 | .. | 19.3 | +26 39 | 5.10 | 01 | .. | .. | .. | .. | 10 | 12 | .. | 05 | .. | 37 | 38b | .. | .. | 09 | 40 | A 2 | A2 |
| 4718 | Cent. | — | 7281 | .. | 16915 | 19.4 | −40 49 | 6.16 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | G 2 | K0 |
| 4719 | C.Beren. | — | 2345 | .. | .. | 19.5 | +26 9 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 41b | .. | .. | .. | 09 | A 5 | A5 |
| 4720 | Musca | — | 1862 | 4198 | 16918 | 19.7 | −65 12 | 6.35 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | 7. | K | K0 |
| 4721 | Cent. | — | 7163 | 4199 | 16923 | 19.8 | −41 57 | 6.26 | .. | .. | .. | .. | 08 | 18 | 08 | 02 | .. | .. | .. | .. | .. | .. | 06 | 10. | F 5 | G0 |
| 4722 | Virgo | — | 3467 | 2104 | 16926 | 20.1 | −11 3 | 5.95 | 00 | .. | 00 | .. | .. | 08 | 07 | R | .. | .. | .. | .. | .. | .. | 05 | 34 | A | A0 |
| 4723 | Hydra | — | 8670 | 2105 | 16927 | 20.1 | −27 11 | 6.34 | 20 | .. | .. | 08 | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | 02 | 12. | K | K0 |
| 4724 | Cent. | $x^2$ | 8146 | 4202 | 16929 | 20.1 | −34 38 | 5.77 | .. | 15 | .. | .. | 07 | 07 | 02 | 14 | .. | .. | .. | .. | 42 | 01 | 08 | 2. | B 9 | B9 |
| 4725 | C.Beren. | — | 2455 | 2106 | .. | 20.2 | +24 29 | 6.08 | 08 | .. | .. | .. | .. | 07 | .. | .. | .. | .. | .. | 13c | .. | .. | 04 | 56 | K | K0 |
| 4726 | U. Maj. | 71 | 1373 | .. | .. | 20.3 | +57 19 | 5.99 | .. | .. | .. | 07 | .. | 09 | 03 | .. | 01 | .. | .. | 07d | .. | .. | .. | 94 | Ma | Ma |
| 4727 | U. Maj. | — | 896 | 2107 | .. | 20.4 | +64 22 | 6.37 | 06 | 01 | .. | R | .. | 04 | 02 | .. | .. | .. | .. | 06c | .. | 02 | 03 | 14 | K | B5 |
| 4728 | C.Venat. | 6 | 2521 | 2108 | .. | 20.9 | +39 34 | 5.22 | 12 | .. | .. | .. | .. | 02 | 10 | .. | 33 | .. | 01 | 01c | .. | .. | 35 | 80 | K | K0 |
| 4729 | Crux | — | 2742 | .. | 16939 | 21.0 | −62 34 | 5.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 28. | B 5 | B5 |
| 4730 | Crux | $\alpha^1$ | 2745 | 4208 | 16942 | 21.0 | −62 33 | 1.58 | .. | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | 02 | .. | .. | 29 | .. | 05 | 14. | B 1 | B1 |
| 4731 | Crux | $\alpha^2$ | | 4209 | 16943 | 21.1 | −62 32 | 2.09 | | | | | | | | | | | | | | | | | | |
| 4732 | Cent. | G | 6975 | 4207 | 16946 | 21.1 | −50 53 | 5.04 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | 62 | .. | .. | 14 | .. | 11 | 4. | B 3 | B3 |
| 4733 | C.Beren. | 14 | 2115 | 2109 | .. | 21.4 | +27 49 | 5.15 | 02 | .. | .. | .. | .. | 02 | .. | .. | 08 | .. | 06 | 05b | .. | .. | 15 | 34 | A 5 | A5 |
| 4734 | Cent. | — | 7426 | .. | 16955 | 21.5 | −48 21 | 6.22 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 42 | .. | .. | 14. | G | G0 |
| 4735 | Hydra | — | 8713 | 4212 | 16957 | 21.6 | −32 16 | 5.68 | .. | 09 | .. | .. | 04 | 04 | 15 | 05 | .. | .. | .. | .. | 18 | .. | 08 | 7. | A | A0 |
| 4736 | Crux | — | 2283 | .. | 16959 | 21.8 | −63 14 | 6.20 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | B 8 | B8 |
| 4737 | C.Beren. | 15 | 2288 | 2110 | .. | 22.0 | +28 49 | 4.56 | 17 | .. | .. | .. | .. | 16 | .. | .. | 24 | .. | 01 | 07d | .. | .. | 03 | 120 | K | K0 |
| 4738 | C.Beren. | 16 | 2134 | 2111 | .. | 22.0 | +27 22 | 5.04 | 05 | .. | .. | .. | .. | 03 | 09 | .. | 06 | .. | 35 | 16b | .. | .. | 02 | 34 | A 2 | A2 |
| 4739 | Crux | — | 4289 | .. | 16962 | 22.0 | −58 26 | 5.43 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 29. | Mb | Mb |
| 4740 | Draco | — | 565 | .. | .. | 22.1 | +72 29 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09c | .. | .. | .. | 27 | G 5 | K0 |
| 4741 | Virgo | — | 2628 | .. | .. | 22.6 | + 9 10 | 6.42 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16c | .. | .. | .. | .. | G 2 | K0 |
| 4742 | Corvus | — | 3471 | .. | 16979 | 22.6 | −16 4 | 6.46 | .. | .. | 04 | .. | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K 5 | B5 |
| 4743 | Cent. | σ | 7115 | 4222 | 16976 | 22.6 | −49 40 | 4.16 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | 18 | .. | .. | 21 | .. | 06 | 2. | B 3 | B3 |
| 4744 | Crux | — | 2297 | .. | 16978 | 22.7 | −63 47 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | A | A0 |
| 4745 | U. Maj. | 73 | 1598 | 2114 | .. | 22.8 | +56 16 | 5.84 | 05 | .. | .. | .. | .. | 04 | .. | .. | 18 | .. | 09 | 00c | .. | .. | 11 | 87 | Ma | Ma |
| 4746 | Virgo | — | 3298 | 2113 | 16984 | 22.8 | − 4 4 | 6.03 | 33 | .. | .. | .. | .. | 16 | 17 | .. | .. | .. | .. | .. | .. | .. | 21 | .. | F | F2 |
| 4747 | Crux | — | 3209 | .. | 16987 | 22.9 | −61 14 | 6.23 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 21. | K | K0 |
| 4748 | Cent. | u | 7753 | 4224 | 16991 | 23.0 | −38 29 | 5.60 | .. | 07 | .. | .. | 11 | 17 | 04 | 03 | .. | .. | .. | .. | 15 | .. | 10 | 7. | B 9 | B8 |
| 4749 | Crux | — | 5084 | 4227 | 16992 | 23.2 | −55 50 | 6.22 | .. | .. | .. | .. | 05 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | 07 | 10. | G | K0 |
| 4750 | C.Beren. | — | 2138 | .. | .. | 23.7 | +26 47 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 31a | .. | .. | .. | 06 | A 3 | A3 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**12h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° | | | | | | | | | | | | | | | | | | | |
| 4751 | C.Beren. | – | 2353 | 2116 | .. | 23.8 | +26 27 | 6.69 | 08 | .. | .. | .. | .. | 11 | 05 | .. | 35 | .. | 03 | 19a | .. | .. | 08 | 04 | A 3 | A3 |
| 4752 | C.Beren. | 17 | 2354 | 2117 | .. | 23.9 | +26 28 | 5.38 | | .. | .. | .. | .. | 04 | 14 | .. | | | | 14a | | | | 01 | A p | A0 p |
| 4753 | C.Beren. | 18 | 2464 | 2118 | .. | 24.4 | +24 39 | 5.49 | 01 | .. | 13 | 03 | .. | 14 | .. | .. | 09 | .. | 08 | 29b | .. | .. | 01 | 25 | F 5 | F5 |
| 4754 | Crux | – | 5097 | 4232 | 17014 | 24.4 | −55 58 | 5.76 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | 06 | 20. | K 5 | Ma |
| 4755 | Cent. | – | 7219 | .. | 17020 | 24.6 | −41 11 | 5.90 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | Ma | Mb |
| 4756 | C.Beren. | 20 | 2424 | 2119 | .. | 24.7 | +21 27 | 5.72 | 02 | .. | .. | .. | .. | 02 | .. | .. | 07 | .. | 13 | 44b | .. | .. | 14 | 08 | A | A2 |
| 4757 | Corvus | δ 7 | 3482 | 2120 | 17030 | 24.7 | −15 58 | 3.11 | 02 | .. | 14 | .. | .. | 05 | .. | 16 | 11 | 22 | .. | .. | .. | .. | 06 | 29 | A | A0 |
| 4758 | Corvus | – | 3647 | .. | 17038 | 24.9 | −12 50 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 09 | .. | F 8 | F0 |
| 4759 | Corvus | – | 3383 | 2121 | 17039 | 25.1 | −23 9 | 5.87 | 11 | .. | .. | 07 | .. | 03 | 05 | 12 | .. | .. | .. | .. | .. | .. | 13 | 14. | K | K5 |
| 4760 | U. Maj. | 74 | 1444 | 2122 | .. | 25.3 | +58 57 | 5.44 | 13 | .. | .. | 11 | .. | 02 | 01 | .. | 07 | .. | 18 | 10b | .. | .. | 14 | 03 | A 5 | A5 |
| 4761 | C.Venat. | 7 | 1631 | 2123 | .. | 25.3 | +52 5 | 6.25 | 02 | .. | .. | .. | .. | 00 | 03 | .. | 02 | .. | 26 | 21b | .. | .. | 20 | 46 | F 5 | F8 |
| 4762 | U. Maj. | 75 | 1446 | .. | .. | 25.4 | +59 19 | 6.22 | .. | .. | 06 | 06 | .. | 13 | 01 | .. | 62 | .. | .. | 03c | .. | .. | .. | 33 | K | K0 |
| 4763 | Crux | γ | 5272 | 4242 | 17048 | 25.6 | −56 33 | 1.61 | .. | .. | .. | .. | 05 | .. | .. | 04 | .. | 06 | .. | .. | 25 | .. | 05 | 32. | ~~Mb~~ | A2 |
| 4764 | Crux | | | | | 25.6 | −56 33 | 6.55 | | | | | | | | | | | | | | | | | | |
| 4765 | Draco | 4 | 700 | 2124 | .. | 25.7 | +69 45 | 5.25 | 03 | 00 | R | .. | .. | 04 | 00 | .. | 05 | .. | 07 | 09d | .. | 11 | 04 | 104 | Ma | Ma |
| 4766 | C.Beren. | 21 | 2517 | 2125 | .. | 26.0 | +25 7 | 5.39 | 10 | .. | .. | 00 | .. | 11 | .. | .. | 04 | .. | 30 | 29a | .. | .. | 19 | 05 | A 3 | A3 p |
| 4767 | C.Venat. | – | 1554 | 2126 | .. | 26.1 | +53 37 | 6.23 | 06 | .. | .. | .. | .. | 04 | 01 | .. | .. | .. | 17 | 21b | .. | .. | 03 | 35 | F 2 | F8 |
| 4768 | Crux | – | 4344 | .. | 17062 | 26.1 | −58 52 | 5.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | 50 | .. | .. | 29 | .. | .. | 17. | G | F8 p |
| 4769 | Musca | – | 1261 | 4245 | 17061 | 26.1 | −72 27 | 5.96 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | 04 | 19. | K | K0 |
| 4770 | Virgo | – | 2609 | .. | .. | 26.3 | + 8 10 | 6.16 | .. | .. | .. | 04 | .. | 06 | 10 | .. | .. | .. | .. | 02d | .. | .. | .. | .. | K | K5 |
| 4771 | Crux | – | 2805 | .. | 17065 | 26.3 | −62 57 | 6.13 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | A 5 | A5 |
| 4772 | Virgo | – | 3296 | .. | 17077 | 26.5 | − 4 30 | 6.28 | .. | .. | 03 | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | F 5 | K0 |
| 4773 | Musca | γ | 1336 | 4247 | 17072 | 26.5 | −71 35 | 4.04 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | 11 | .. | .. | 24 | .. | 04 | 9. | B 5 | B5 |
| 4774 | Hydra | – | 9746 | .. | 17087 | 26.8 | −31 59 | 6.56 | .. | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | .. | .. | .. | 6. | A 2 | A3 |
| 4775 | Corvus | η 8 | 3489 | 2128 | 17090 | 26.9 | −15 38 | 4.42 | 03 | .. | 05 | .. | .. | 10 | .. | 12 | 17 | 23 | .. | .. | .. | 07 | 08 | 41 | F | F0 |
| 4776 | Corvus | – | 3552 | 2129 | 17098 | 27.4 | −13 18 | 5.70 | 01 | .. | .. | .. | .. | 07 | 07 | R | .. | .. | .. | .. | .. | .. | 00 | 27 | F | F0 |
| 4777 | Virgo | 20 | 2473 | .. | .. | 28.0 | +10 50 | 6.46 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 02c | .. | .. | .. | .. | K | K0 |
| 4778 | Corvus | – | 3416 | .. | 17112 | 28.1 | −19 14 | 6.15 | .. | .. | .. | .. | .. | A | .. | R | .. | .. | .. | .. | .. | .. | .. | 74 | A 5 | A5 |
| 4779 | Corvus | – | 3659 | 2130 | 17116 | 28.4 | −12 17 | 5.76 | 13 | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | G | G5 |
| 4780 | C.Beren. | 22 | 2523 | .. | .. | 28.6 | +24 50 | 6.14 | .. | .. | 03 | 07 | .. | 12 | 06 | .. | 06 | .. | .. | 42a | .. | 23 | .. | 03 | A 2 | A2 |
| 4781 | Virgo | q 21 | 3372 | 2131 | 17120 | 28.6 | − 8 54 | 5.41 | 24 | .. | .. | .. | .. | 12 | 12 | .. | 39 | .. | 26 | .. | .. | 31 | 14 | 12 | A | A0 |
| 4782 | Cent. | – | 7195 | .. | 17117 | 28.6 | −49 21 | 6.49 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | F | F2 |
| 4783 | C.Venat. | – | 2332 | 2132 | .. | 28.7 | +33 48 | 5.43 | 13 | .. | .. | .. | .. | 00 | 14 | .. | .. | .. | 11 | 21c | .. | .. | 02 | 127 | F | K0 |
| 4784 | C.Venat. | – | 2333 | .. | .. | 28.9 | +33 57 | 6.37 | .. | .. | 16 | .. | .. | 10 | 06 | .. | .. | .. | .. | 08b | .. | .. | .. | .. | K | K0 |
| 4785 | C.Venat. | 8 | 2321 | 2133 | .. | 29.0 | +41 54 | 4.32 | 02 | .. | .. | .. | .. | 05 | 03 | .. | 28 | .. | 21 | 14c | .. | .. | 02 | 89 | G | G0 |
| 4786 | Corvus | β 9 | 3401 | 2134 | 17129 | 29.1 | −22 51 | 2.84 | 03 | .. | .. | R | .. | 16 | 12 | R | 08 | 16 | .. | .. | .. | .. | 01 | 136 | G 5 | G5 |
| 4787 | Draco | κ 5 | 703 | 2135 | .. | 29.2 | +70 20 | 3.88 | 04 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | 20 | 22a | .. | .. | 00 | 11 | B 5 p | B5 p |
| 4788 | Cent. | – | 7755 | 4261 | 17130 | 29.3 | −44 7 | 5.86 | .. | .. | .. | .. | 03 | 08 | 11 | 01 | .. | .. | .. | .. | 21 | .. | 16 | 11. | F 5 | G5 |
| 4789 | C.Beren. | 23 | 2475 | 2136 | .. | 29.9 | +23 11 | 4.78 | 11 | .. | .. | 12 | .. | 03 | 02 | .. | 12 | .. | 17 | 34a | .. | .. | 04 | 07 | A | A0 |
| 4790 | Crux | – | 3298 | .. | 17137 | 29.9 | −61 17 | 6.29 | .. | .. | .. | .. | .. | .. | .. | A | .. | R | .. | .. | .. | .. | .. | 12. | G | G5 |
| 4791 | C.Beren. | 24 | 2584 | 2137 | .. | 30.1 | +18 56 | 6.72 | 04 | .. | .. | 28 | .. | 20 | 12 | .. | 06 | .. | 15 | 21c | .. | .. | 12 | 74 | A 5 | A3 |
| 4792 | C.Beren. | | | | | 30.1 | +18 56 | 5.18 | | | | | | | | | | | | | | | | | K | K0 |
| 4793 | C.Beren. | – | 2490 | .. | .. | 30.2 | +22 26 | 6.06 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10c | .. | .. | .. | 102 | K | K0 |
| 4794 | Cent. | – | 7376 | 4263 | 17141 | 30.3 | −40 28 | 5.23 | .. | .. | .. | .. | 25 | 12 | 02 | 11 | .. | .. | .. | .. | 02 | .. | 12 | 10. | A 5 | A5 |
| 4795 | Draco | 6 | 705 | 2141 | .. | 30.5 | +70 34 | 5.18 | 12 | .. | .. | .. | .. | 02 | 11 | .. | 08 | .. | .. | 14d | .. | .. | 18 | 95 | G 5 | K0 |
| 4796 | Cent. | – | 7717 | 4264 | 17149 | 30.6 | −39 19 | 5.92 | .. | 15 | .. | .. | 03 | 09 | 10 | 14 | .. | .. | .. | .. | .. | .. | 13 | 5. | A | A0 |
| 4797 | Corvus | – | 3521 | .. | 17152 | 30.7 | −19 58 | 6.12 | .. | .. | 12 | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 58 | A 5 | A5 |
| 4798 | Musca | α | 1702 | 4270 | 17156 | 31.2 | −68 35 | 2.94 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | 04 | .. | .. | 16 | .. | 13 | 8. | B 3 | B3 |
| 4799 | Virgo | f 25 | 3535 | 2142 | 17166 | 31.6 | − 5 17 | 5.90 | 03 | .. | 08 | .. | .. | 03 | 06 | .. | 15 | .. | 03 | .. | .. | .. | 37 | 15 | A | A0 |
| 4800 | U. Maj. | T | 1406 | .. | .. | 31.8 | +60 2 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md | Md |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



12h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 4801 | C.Beren. | 25 | 2504 | 2143 | .. | 31.9 | +17 38 | 5.78 | 17 | .. | .. | .. | .. | 15 | 02 | .. | 18 | .. | .. | 17d | .. | .. | 18 | 97 | K |
| 4802 | Cent. | τ | 7745 | 4276 | 17180 | 32.3 | −47 59 | 4.02 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | 57 | .. | .. | 02 | .. | 07 | 13. | A 2 |
| 4803 | Hydra | — | 9233 | 2144 | 17185 | 32.4 | −26 35 | 5.44 | 06 | .. | .. | 21 | .. | 14 | .. | R | .. | .. | .. | .. | .. | .. | 19 | 9. | F |
| 4804 | Musca | — | 955 | 4283 | 17191 | 32.9 | −74 49 | 6.52 | .. | .. | .. | .. | 15 | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | 1. | A |
| 4805 | Virgo | — | 2631 | 2145 | .. | 33.0 | + 3 50 | 6.25 | 05 | .. | 05 | .. | .. | 00 | .. | .. | .. | .. | 13 | 33b | .. | .. | 15 | 32 | A |
| 4806 | Musca | — | 1861 | .. | 17195 | 33.0 | −66 38 | 6.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | A |
| 4807 | Virgo | — | 2560 | 2146 | .. | 33.3 | + 2 25 | 6.02 | 10 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 04 | 40e | .. | .. | 08 | 20 | Ma |
| 4808 | Virgo | R | 2561 | 2147 | .. | 33.4 | + 7 32 | var. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md |
| 4809 | Corvus | — | 3668 | 2148 | 17212 | 33.5 | −17 42 | 6.08 | 11 | .. | .. | 31 | .. | 12 | .. | 06 | .. | .. | .. | .. | .. | .. | .. | 00 | F 5 |
| 4810 | Hydra | — | 9845 | 4286 | 17216 | 33.7 | −29 52 | 6.02 | .. | .. | .. | .. | 07 | 14 | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 16. | G 5 |
| 4811 | C.Venat. | 9 | 2312 | 2149 | .. | 33.9 | +41 25 | 6.29 | 16 | .. | .. | 08 | .. | 06 | 15 | .. | 24 | .. | 14 | 27b | .. | .. | 14 | 27 | A |
| 4812 | C.Beren. | — | 2479 | .. | .. | 34.0 | +23 12 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13b | .. | .. | .. | 66 | K |
| 4813 | Virgo | χ 26 | 3452 | 2150 | 17223 | 34.1 | − 7 27 | 4.78 | 12 | .. | .. | .. | .. | 09 | 03 | R | 22 | .. | 11 | .. | .. | .. | 12 | 79 | K |
| 4814 | Musca | — | 1941 | .. | 17219 | 34.1 | −65 57 | 6.43 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | A |
| 4815 | C.Beren. | 26 | 2439 | 2152 | .. | 34.2 | +21 36 | 5.51 | 06 | .. | .. | .. | .. | 10 | 03 | .. | 01 | .. | 04 | 10c | .. | .. | 01 | 84 | G 2 |
| 4816 | C.Venat. | — | 2295 | 2153 | .. | 34.4 | +36 31 | 6.32 | 02 | .. | .. | .. | .. | 02 | 01 | .. | .. | .. | 01 | 17a | .. | .. | 02 | 03 | A |
| 4817 | Cent. | l | 7748 | 4289 | 17234 | 34.4 | −39 26 | 4.79 | .. | 02 | .. | .. | 08 | 11 | 07 | 05 | .. | .. | .. | .. | 11 | .. | 01 | 3. | B 8 |
| 4818 | Cent. | — | 7944 | .. | 17266 | 35.9 | −45 36 | 5.84 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 46 | .. | .. | 15. | K |
| 4819 | Cent. | γ | 7597 | 4294 | 17269 | 36.0 | −48 25 | 2.38 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | 04 | .. | .. | 33 | .. | 02 | 12. | A |
| 4820 | Musca | R | 1731 | 4295 | 17263 | 36.0 | −68 52 | var. | .. | .. | .. | .. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | K |
| 4821 | Corvus | — | 3676 | 2154 | 17271 | 36.1 | −12 28 | 6.08 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 06 | 24 | F 5 |
| 4822 | Corvus | | | | | 36.1 | −12 28 | 5.98 | | | | | | | | | | | | | | | | | |
| 4823 | Crux | — | 4393 | 4297 | 17270 | 36.2 | −59 8 | 5.02 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | 08 | .. | .. | 33 | .. | 06 | 4. | B 8 |
| 4824 | Virgo | 27 | 2484 | .. | .. | 36.6 | +10 58 | 6.33 | .. | .. | .. | A | .. | .. | .. | .. | 03 | .. | .. | 21b | .. | .. | .. | 44 | A 5 |
| 4825 | Virgo | γ 29 | 2601 | 2155 | 17291 | 36.6 | − 0 54 | 3.65 | 07 | .. | .. | 03 | .. | 09 | .. | R | 11 | 14 | 24 | .. | .. | .. | 15 | 90 | F |
| 4826 | Virgo | | | 2156 | 17292 | 36.6 | − 0 54 | 3.68 | | | | | | | | | | | | | | | | | |
| 4827 | Corvus | — | 3442 | .. | 17290 | 36.6 | −19 12 | 6.01 | .. | .. | .. | .. | .. | A | .. | R | .. | .. | .. | .. | .. | .. | .. | 05 | F 5 |
| 4828 | Virgo | ρ 30 | 2485 | 2157 | .. | 36.8 | +10 47 | 4.95 | 15 | .. | .. | 05 | .. | 14 | 06 | .. | 25 | .. | 00 | 16b | .. | .. | 15 | 15 | A |
| 4829 | Virgo | d¹ 31 | 2568 | 2158 | .. | 36.9 | + 7 22 | 5.49 | 13 | .. | .. | 06 | .. | 07 | 01 | .. | 06 | .. | 31 | 25a | .. | .. | 11 | 16 | A |
| 4830 | Crux | — | 2898 | 4300 | 17296 | 36.9 | −62 30 | 6.00 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 10 | 6. | B 1 p |
| 4831 | Cent. | w | 7608 | 4301 | 17300 | 37.1 | −48 16 | 4.65 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | 30 | .. | 03 | 25. | K |
| 4832 | Crux | — | 5194 | 4302 | 17301 | 37.1 | −55 24 | 6.23 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | 38 | .. | .. | 6. | B 9 |
| 4833 | U. Maj. | 76 | 1026 | 2159 | .. | 37.2 | +63 16 | 5.92 | 13 | .. | .. | .. | .. | 01 | 14 | .. | 92 | .. | 07 | 30b | .. | .. | 05 | 18 | A |
| 4834 | Crux | — | 5197 | .. | 17308 | 37.5 | −55 37 | 6.25 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 27 | .. | .. | 4. | B 8 |
| 4835 | Crux | — | 4453 | .. | 17312 | 37.7 | −58 21 | 6.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | K |
| 4836 | Cent. | — | 7785 | .. | 17320 | 38.0 | −39 38 | 6.55 | .. | .. | .. | .. | .. | .. | 05 | 05 | .. | .. | .. | .. | .. | .. | .. | 8. | A 5 |
| 4837 | Virgo | — | 2603 | .. | 17335 | 38.5 | − 1 1 | 6.08 | .. | .. | .. | .. | .. | 03 | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | G |
| 4838 | Cent. | — | 8155 | .. | 17336 | 38.5 | −35 48 | 6.44 | .. | .. | .. | .. | .. | .. | 13 | 13 | .. | .. | .. | .. | .. | .. | .. | 8. | A |
| 4839 | Hydra | — | 8832 | 2161 | 17343 | 38.6 | −27 47 | 5.73 | 13 | .. | .. | 24 | .. | 11 | 21 | R | .. | .. | .. | .. | .. | .. | 23 | 17. | K p |
| 4840 | U. Maj. | — | 1312 | .. | .. | 38.7 | +61 42 | 6.46 | .. | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | .. | 10d | .. | .. | .. | 33 | K |
| 4841 | Musca | — | 1745 | .. | 17344 | 38.9 | −68 17 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | G p |
| 4842 | Crux | ι | 4273 | 4310 | 17366 | 39.7 | −60 26 | 4.68 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | 26 | .. | .. | 25 | .. | 22 | 29. | K |
| 4843 | C.Venat. | — | 2221 | 2162 | .. | 39.8 | +44 39 | 6.34 | 03 | .. | 02 | .. | .. | 08 | 11 | .. | .. | .. | 07 | 27b | .. | .. | 04 | 41 | A |
| 4844 | Musca | β | 2064 | 4312 | 17374 | 40.1 | −67 34 | 3.26 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | 02 | .. | .. | 06 | .. | 02 | 8. | B 3 |
| 4845 | C.Venat. | 10 | 2570 | 2163 | .. | 40.3 | +39 50 | 5.97 | 10 | .. | 05 | .. | .. | 00 | 06 | .. | 27 | .. | 20 | 28c | .. | .. | 07 | 62 | F |
| 4846 | C.Venat. | — | 1817 | 2164 | .. | 40.4 | +45 58 | 5.53 | 06 | .. | .. | 14 | .. | 04 | 03 | .. | .. | .. | 26 | 29f | .. | .. | 17 | .. | N |
| 4847 | Virgo | d² 32 | 2639 | 2165 | .. | 40.6 | + 8 13 | 5.24 | 11 | .. | .. | 08 | .. | 20 | 01 | .. | 19 | .. | 14 | 12b | .. | 12 | 16 | 31 | A |
| 4848 | Crux | — | 5215 | 4317 | 17390 | 40.6 | −55 56 | 4.86 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | 20 | .. | .. | 01 | .. | 09 | 1. | B 3 |
| 4849 | Virgo | 33 | 2468 | 2166 | .. | 41.3 | +10 6 | 5.86 | 03 | .. | 17 | .. | .. | 13 | .. | .. | 24 | .. | 22 | 16d | .. | .. | 06 | 50 | K |
| 4850 | Cent. | — | 8912 | .. | 17403 | 41.3 | −32 46 | 5.98 | .. | .. | .. | .. | .. | .. | 10 | 09 | .. | .. | .. | .. | .. | .. | .. | 17. | K p |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**12h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalouge Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| 4851 | C.Beren. | 27 | 2533 | 2167 | .. | 41.6 | +17 8 | 5.33 | 01 | .. | .. | 08 | .. | 08 | .. | .. | 14 | .. | 10 | 03d | .. | .. | 12 | 117 | K 5 | K2 |
| 4852 | Camel. | — | 402 | .. | .. | 41.8 | +81 10 | 6.26 | .. | .. | 03 | .. | .. | 04 | .. | .. | .. | .. | .. | 32b | .. | .. | .. | 44 | A | A0 |
| 4853 | Crux | β | 4451 | 4324 | 17411 | 41.9 | −59 9 | 1.50 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | 00 | .. | .. | 30 | .. | 05 | 13. | B 1 | B1 |
| 4854 | Virgo | — | 2660 | .. | .. | 42.0 | + 6 30 | 6.39 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 20b | .. | .. | .. | 30 | A | B9 |
| 4855 | Virgo | 34 | 2512 | 2168 | .. | 42.2 | +12 30 | 6.05 | 15 | .. | .. | 05 | .. | 09 | .. | .. | 15 | .. | .. | 27b | .. | .. | 10 | 32 | A | A3 |
| 4856 | Virgo | — | 3569 | 2169 | 17422 | 42.4 | − 5 45 | 6.26 | 14 | .. | 14 | .. | .. | 01 | 01 | .. | .. | .. | .. | .. | .. | .. | 01 | .. | F 5 | F8 |
| 4857 | Hydra | — | 10540 | .. | 17427 | 42.6 | −24 18 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 7. | A | B9 |
| 4858 | Virgo | 35 | 2653 | .. | .. | 42.8 | + 4 7 | 6.66 | .. | .. | 04 | 17 | .. | .. | 22 | .. | 14 | .. | .. | 10d | .. | .. | .. | .. | Ma | Ma |
| 4859 | U. Maj. | — | 1034 | 2171 | .. | 43.0 | +63 20 | 5.83 | 05 | .. | .. | .. | .. | 03 | 02 | .. | .. | .. | 07 | 29b | .. | 20 | 07 | 01 | A | A5 |
| 4860 | Hydra | — | 9340 | 2170 | 17436 | 43.2 | −27 3 | 5.80 | 11 | .. | .. | R | .. | 02 | 08 | R | .. | .. | .. | .. | .. | .. | 07 | 12. | G | B5 |
| 4861 | C.Beren. | 28 | 2546 | .. | .. | 43.3 | +14 6 | 6.43 | .. | .. | A | .. | .. | .. | .. | .. | 33 | .. | .. | 25c | .. | .. | .. | 15 | A | A0 |
| 4862 | Musca | — | 1391 | .. | 17435 | 43.3 | −71 26 | 5.60 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | K | K0 |
| 4863 | Draco | 7 | 764 | 2173 | .. | 43.5 | +67 20 | 5.67 | 17 | .. | .. | .. | .. | 03 | 14 | .. | 13 | .. | 02 | 19d | .. | .. | 27 | 92 | G 5 | K5 |
| 4864 | C.Beren. | — | 2568 | 2175 | .. | 43.9 | +25 24 | 6.39 | 04 | .. | .. | .. | .. | 13 | 16 | .. | .. | .. | .. | 09c | .. | .. | 01 | 25 | F 2 | B5 |
| 4865 | C.Beren. | 29 | 2549 | 2174 | .. | 43.9 | +14 41 | 5.64 | 10 | .. | 15 | .. | .. | 07 | 03 | .. | 06 | .. | 32 | 38b | .. | 23 | 01 | 10 | A | A0 |
| 4866 | C.Venat. | 11 | 2163 | 2176 | .. | 44.1 | +49 1 | 6.20 | 00 | .. | .. | 17 | .. | 10 | 05 | .. | 40 | .. | 24 | 31b | .. | .. | 00 | 26 | A | A3 |
| 4867 | U. Maj. | — | 1320 | 2177 | .. | 44.3 | +60 52 | 5.87 | 09 | .. | .. | .. | .. | 03 | 11 | .. | .. | .. | .. | 15b | .. | .. | 17 | 28 | F | F5 |
| 4868 | Crux | — | 4483 | 4339 | 17453 | 44.3 | −59 51 | 5.96 | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15. | A 5 | A2 |
| 4869 | C.Beren. | 30 | 2153 | 2178 | .. | 44.4 | +28 6 | 5.83 | 20 | .. | .. | .. | .. | 15 | 06 | .. | 23 | .. | 41 | 09a | .. | .. | 17 | 03 | A | A0 |
| 4870 | Octans | ι | 407 | 4341 | 17440 | 44.4 | −84 35 | 5.38 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | 17 | .. | 10 | 13. | K | K0 |
| 4871 | Cent. | — | 7893 | .. | 17460 | 44.7 | −47 55 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | A | A0 |
| 4872 | Cent. | — | 5947 | 4346 | 17471 | 45.2 | −52 14 | 5.90 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | 20 | 9. | A 5 | A3 |
| 4873 | C.Beren. | — | 2502 | .. | .. | 45.3 | +23 24 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16c | .. | .. | .. | 67 | F 5 | K0 |
| 4874 | Cent. | p | 8653 | 4347 | 17473 | 45.3 | −33 27 | 5.01 | .. | 14 | .. | .. | 11 | 06 | 11 | 18 | .. | .. | .. | .. | .. | .. | 04 | 7. | A | A0 |
| 4875 | C.Venat. | — | 2373 | 2179 | .. | 45.4 | +38 4 | 5.86 | 01 | .. | .. | 21 | .. | 26 | 04 | .. | .. | .. | 20 | 14b | .. | .. | 01 | 03 | A | A2 |
| 4876 | Crux | — | 4494 | .. | 17472 | 45.4 | −59 47 | 5.94 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | A 2 | A2p |
| 4877 | Virgo | — | 3569 | .. | 17485 | 46.2 | − 9 47 | 6.52 | .. | .. | 11 | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | 13 | K | K0 |
| 4878 | Virgo | 37 | 2703 | .. | .. | 46.5 | + 3 36 | 6.12 | .. | .. | .. | 02 | .. | 03 | .. | .. | 02 | .. | .. | 04d | .. | .. | .. | .. | K 5 | K0 |
| 4879 | Cent. | — | 7879 | .. | 17489 | 46.5 | −39 8 | 6.14 | .. | .. | .. | .. | .. | .. | 20 | 20 | .. | .. | .. | .. | 24 | .. | .. | 2. | B 8 | B8 |
| 4880 | Cent. | — | 7917 | .. | 17488 | 46.5 | −47 33 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | A | A0 |
| 4881 | Hydra | — | 9369 | 2180 | 17494 | 46.6 | −26 12 | 6.12 | 09 | .. | .. | 02 | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 3. | A 2 | A0 |
| 4882 | Cent. | — | 5359 | .. | 17493 | 46.6 | −53 17 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K | K0 |
| 4883 | C.Beren. | 31 | 2156 | 2181 | .. | 46.8 | +28 5 | 5.07 | 03 | .. | .. | .. | .. | 02 | 01 | .. | 07 | .. | 07 | 03b | .. | .. | 03 | 69 | G 2 | B0 |
| 4884 | C.Beren. | R | 2551 | 2182 | .. | 47.2 | +17 37 | 6.53 | .. | .. | .. | 09 | .. | 09 | .. | .. | R | .. | .. | 17e | .. | .. | 07 | 42 | G | K5 |
| 4885 | Cent. | — | 5360 | .. | 17502 | 47.3 | −54 24 | 5.92 | .. | .. | .. | .. | .. | .. | .. | A | .. | 85 | .. | .. | .. | .. | .. | 18. | K | K0 |
| 4886 | C.Beren. | — | 2430 | .. | .. | 47.4 | +16 40 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23b | .. | .. | .. | 35 | A | A2 |
| 4887 | Crux | — | 4529 | 4352 | 17504 | 47.4 | −59 47 | 5.84 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | 09 | 7. | A | B9p |
| 4888 | Cent. | e | 7753 | 4354 | 17506 | 47.5 | −48 24 | 4.35 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 30 | .. | 07 | 29. | K 2 | K2 |
| 4889 | Cent. | n | 7893 | 4361 | 17521 | 47.9 | −39 38 | 4.34 | .. | 14 | .. | .. | 03 | 01 | 03 | 13 | .. | 26 | .. | .. | 01 | .. | 06 | 7. | A 5 | A5 |
| 4890 | Crux | κ | 4555 | 4362 | 17518 | 47.9 | −59 50 | 6.11 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | 60 | .. | .. | R | .. | 31 | 26. | B 5 | B3 |
| 4891 | Virgo | 38 | 3593 | .. | 17527 | 48.1 | − 3 0 | 6.15 | .. | .. | .. | 19 | .. | 16 | 03 | R | 15 | .. | .. | .. | .. | .. | .. | 29 | G | F5 |
| 4892 | Camel. | — | 289 | 2188 | .. | 48.3 | +83 58 | 5.81 | 25 | .. | .. | .. | .. | 14 | .. | .. | .. | .. | 10 | 40b | .. | .. | 25 | 22 | A | A0 |
| 4893 | Camel. | — | 290 | 2189 | .. | 48.4 | +83 57 | 5.28 | | | 33 | .. | .. | 26 | 15 | .. | .. | .. | 23 | 36b | .. | | | | A 2 | A2 |
| 4894 | C.Beren. | 35 | 2519 | 2184 | .. | 48.4 | +21 48 | 5.10 | 02 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | 14 | 02c | .. | .. | 07 | 84 | G | K0 |
| 4895 | Crux | S | 5776 | .. | 17531 | 48.4 | −57 53 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | K 5 | K0 |
| 4896 | Virgo | — | 3373 | .. | 17537 | 48.5 | − 3 41 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | K0 |
| 4897 | Crux | λ | 4584 | 4365 | 17540 | 48.7 | −58 36 | 4.84 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | 33 | .. | .. | 04 | .. | 06 | 3. | B 3 | B3 |
| 4898 | Crux | μ | 5487 | 4367 | 17541 | 48.8 | −56 38 | 4.26 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | 13 | .. | .. | 00 | .. | 05 | 1. | B 3 | B3 |
| 4899 | Crux | — | | 4366 | 17542 | 48.8 | −56 37 | 5.46 | .. | .. | .. | .. | 04 | .. | .. | 05 | .. | .. | .. | .. | | .. | | | B 3 p | B3p |
| 4900 | Virgo | 41 | 2602 | 2185 | .. | 48.9 | +12 58 | 6.34 | 02 | .. | .. | 02 | .. | 13 | 08 | .. | 14 | .. | 18 | 11b | .. | .. | 06 | 04 | A | A3 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 4901 | Virgo | — | 3570 | 2187 | 17554 | 49.1 | −11 6 | 5.96 | 01 | .. | 00 | .. | .. | 07 | 08 | .. | .. | .. | .. | .. | .. | .. | 16 | 02 | A |
| 4902 | Virgo | ψ 40 | 3449 | 2186 | 17557 | 49.2 | − 9 0 | 4.91 | 06 | .. | .. | .. | .. | 11 | .. | 17 | 09 | .. | 21 | .. | .. | .. | 17 | 110 | Mb |
| 4903 | Cent. | — | 7953 | .. | 17560 | 49.4 | −43 36 | 6.04 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | G |
| 4904 | C.Venat. | — | 2369 | 2190 | .. | 49.5 | +34 5 | 6.26 | 11 | .. | 01 | .. | .. | 12 | 01 | .. | .. | .. | 13 | 16b | .. | .. | 14 | 19 | A |
| 4905 | U. Maj. | ε 77 | 1627 | 2191 | .. | 49.6 | +56 30 | 1.68 | 17 | .. | .. | 01 | .. | 08 | 24 | .. | 24 | 06 | 12 | 48a | .. | .. | 26 | R | A p |
| 4906 | Cent. | — | 7975 | 4371 | 17568 | 49.8 | −42 22 | 5.55 | .. | .. | .. | .. | 15 | 04 | 24 | 12 | .. | .. | .. | .. | 35 | .. | 05 | 18. | K 5 |
| 4907 | Musca | — | 1404 | .. | 17565 | 49.8 | −71 38 | 5.84 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 21. | K |
| 4908 | Crux | — | 5498 | 4373 | 17572 | 50.1 | −56 17 | 5.58 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | 13 | .. | 02 | 4. | Oe 5 |
| 4909 | C.Venat. | — | 2003 | 2192 | .. | 50.4 | +47 45 | 6.02 | 05 | .. | .. | .. | .. | 12 | 06 | .. | .. | .. | 18 | 04c | .. | .. | 03 | 114 | Mb |
| 4910 | Virgo | δ 43 | 2669 | 2193 | .. | 50.6 | + 3 56 | 3.66 | 07 | .. | .. | 13 | .. | 06 | .. | .. | 06 | 15 | 19 | 02d | .. | .. | 02 | 170 | Ma |
| 4911 | Corvus | — | 3605 | .. | 17584 | 50.6 | −14 47 | 6.10 | .. | .. | 01 | .. | .. | 01 | 00 | .. | .. | .. | .. | .. | .. | .. | .. | 04 | A |
| 4912 | Hydra | — | 9508 | 2194 | 17601 | 51.1 | −25 55 | 6.76 | 11 | .. | .. | 09 | .. | 07 | 10 | .. | .. | .. | .. | .. | .. | .. | 11 | 7. | G p |
| 4913 | Cent. | H | 7394 | 4384 | 17608 | 51.3 | −50 39 | 5.29 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | 00 | .. | .. | 09 | .. | 04 | 4. | B 8 |
| 4914 | C.Venat. | 12 | 2580 | 2195 | .. | 51.4 | +38 52 | 5.39 | 20 | .. | .. | 13 | .. | 03 | 06 | .. | .. | 08 | 35 | 30b | .. | .. | 40 | R | A p |
| 4915 | C.Venat. | — | | 2196 | .. | 51.4 | +38 52 | 2.90 | | | | | | | | | | | 42 | | | | | | |
| 4916 | Draco | 8 | 778 | 2197 | .. | 51.5 | +65 59 | 5.27 | 02 | 05 | .. | .. | .. | 01 | 03 | .. | 08 | .. | 17 | 17b | .. | 11 | 03 | 22 | F |
| 4917 | U. Maj. | — | 1556 | 2198 | .. | 51.9 | +54 39 | 5.84 | 15 | .. | 02 | .. | .. | 20 | 07 | .. | .. | .. | 02 | 32b | .. | 16 | 07 | 07 | A |
| 4918 | Hydra | — | 3635 | .. | 17628 | 52.2 | −22 13 | 6.40 | .. | .. | .. | .. | .. | 00 | 00 | .. | .. | .. | .. | .. | .. | .. | .. | 7. | G 5 |
| 4919 | C.Venat. | — | 1833 | 2199 | .. | 52.6 | +46 44 | 6.22 | 05 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 23 | 00c | .. | .. | 02 | 68 | G 5 |
| 4920 | C.Beren. | 36 | 2682 | 2201 | .. | 54.0 | +17 57 | 4.96 | 04 | .. | .. | .. | .. | 01 | 04 | .. | 54 | .. | 26 | 18d | .. | .. | 02 | 131 | Ma |
| 4921 | Virgo | k 44 | 3384 | 2202 | 17683 | 54.5 | − 3 16 | 5.87 | 01 | .. | .. | 04 | .. | 06 | 12 | 19 | 08 | .. | 14 | .. | .. | 12 | 08 | 22 | A |
| 4922 | Cent. | — | 9083 | .. | 17695 | 55.1 | −32 58 | 6.08 | .. | .. | .. | .. | .. | .. | 03 | 04 | .. | .. | .. | .. | .. | .. | .. | 9. | A 8 |
| 4923 | Musca | δ | 1548 | 4402 | 17693 | 55.4 | −71 1 | 3.63 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | 36 | .. | .. | 03 | .. | 01 | 30. | K 2 |
| 4924 | C.Beren. | 37 | 2434 | 2204 | .. | 55.5 | +31 20 | 5.08 | 06 | .. | .. | .. | .. | 02 | 09 | .. | 02 | .. | 08 | 01c | .. | .. | 02 | 114 | K |
| 4925 | Virgo | 46 | 3609 | 2203 | 17704 | 55.5 | − 2 50 | 6.12 | 02 | .. | .. | .. | .. | 05 | 00 | 06 | 08 | .. | 15 | .. | .. | .. | 02 | 63 | G |
| 4926 | C.Beren. | — | 2622 | .. | .. | 55.7 | +18 55 | 6.12 | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | 19b | .. | .. | .. | 39 | F 2 |
| 4927 | Draco | — | 473 | 2205 | .. | 55.9 | +76 0 | 6.19 | 03 | .. | .. | .. | .. | 02 | 01 | .. | .. | .. | .. | 05c | .. | 19 | 09 | 27 | K |
| 4928 | Draco | 9 | 773 | 2206 | .. | 56.2 | +67 8 | 5.50 | 14 | .. | .. | .. | .. | 13 | .. | .. | 05 | .. | 13 | 05c | .. | .. | 10 | 86 | K |
| 4929 | C.Beren. | 38 | 2573 | .. | .. | 56.2 | +17 40 | 6.01 | .. | .. | .. | 04 | .. | 04 | .. | .. | 19 | .. | .. | 07c | .. | .. | 04 | 66 | K |
| 4930 | Musca | — | 1553 | .. | 17717 | 56.3 | −70 56 | 5.96 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | B 3 p |
| 4931 | U. Maj. | 78 | 1408 | 2207 | .. | 56.5 | +56 55 | 4.89 | 10 | .. | .. | .. | .. | 01 | 11 | .. | 01 | .. | 09 | 24b | .. | .. | 08 | 63 | F |
| 4932 | Virgo | ε 47 | 2529 | 2208 | .. | 57.2 | +11 30 | 2.95 | 05 | .. | .. | 18 | .. | 06 | 18 | .. | 10 | 13 | 06 | 16c | .. | .. | 07 | 177 | K |
| 4933 | Cent. | $\xi^1$ | 7887 | 4412 | 17747 | 57.7 | −48 59 | 5.02 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | 03 | .. | .. | 12 | .. | 08 | 5. | A |
| 4934 | Draco | — | 927 | 2209 | .. | 57.9 | +64 9 | 6.02 | 01 | 02 | .. | .. | .. | 02 | 03 | .. | .. | .. | 07 | 24b | .. | 02 | 05 | 11 | F |
| 4935 | *Virgo* | — | 3629 | 2210 | 17763 | 58.4 | −20 3 | 5.68 | 12 | .. | 05 | .. | .. | 12 | 12 | 06 | .. | .. | .. | .. | .. | .. | 14 | 16 | F 2 |
| 4936 | U. Maj. | — | 1439 | .. | .. | 58.6 | +60 16 | 6.33 | .. | .. | 07 | .. | .. | 02 | 04 | .. | .. | .. | .. | 44a | .. | .. | .. | 26 | A |
| 4937 | Virgo | 48 | 3622 | 2211 | 17772 | 58.8 | − 3 8 | 6.51 | 08 | .. | .. | .. | .. | 11 | 04 | .. | 04 | .. | 09 | .. | .. | .. | 04 | .. | F |
| 4938 | Cent. | — | 7662 | .. | 17783 | 59.2 | −40 39 | 6.19 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | Mb |
| 4939 | Cent. | — | 7248 | .. | 17792 | 59.7 | −51 35 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | Ma |
| 4940 | Cent. | f | 8088 | 4422 | 17811 | 0.4 | −47 56 | 4.96 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | 73 | .. | .. | 06 | .. | 16 | 2. | B 3 |
| 4941 | Cent. | — | 7682 | .. | 17822 | 0.9 | −41 3 | 5.74 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | G |
| 4942 | Cent. | $\xi^2$ | 7644 | 4425 | 17826 | 1.0 | −49 22 | 4.40 | .. | .. | .. | .. | 04 | .. | .. | 05 | .. | 19 | .. | .. | 10 | .. | 10 | 2. | B 3 |
| 4943 | C.Venat. | 14 | 2337 | 2213 | .. | 1.1 | +36 20 | 5.11 | 16 | .. | .. | .. | .. | 01 | 18 | .. | 19 | .. | 31 | 31a | .. | .. | 04 | 21 | B 9 |
| 4944 | Cent. | — | 4740 | .. | 17828 | 1.2 | −59 19 | 6.06 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 11 | .. | .. | 11. | B 8 |
| 4945 | C.Venat. | — | 1847 | 2214 | .. | 1.4 | +45 48 | 5.72 | 01 | .. | .. | .. | .. | 02 | R | .. | .. | .. | 06 | 04c | .. | .. | 03 | 85 | K |
| 4946 | C.Beren. | 39 | 2487 | 2215 | .. | 1.4 | +21 42 | 6.04 | 04 | .. | .. | .. | .. | 03 | .. | .. | 06 | .. | 10 | 21b | .. | .. | 06 | 46 | F 2 |
| 4947 | Cent. | — | 8441 | 4428 | 17835 | 1.4 | −35 19 | 5.61 | .. | 04 | .. | .. | 03 | 21 | 07 | 21 | .. | .. | .. | .. | .. | 10 | 11 | 10. | A |
| 4948 | C.Beren. | — | 2365 | .. | .. | 1.5 | +29 34 | 6.44 | .. | .. | 07 | .. | .. | .. | 07 | .. | .. | .. | .. | 38a | .. | .. | .. | 03 | A |
| 4949 | C.Beren. | 40 | 2538 | 2216 | .. | 1.5 | +23 9 | 5.90 | 16 | .. | .. | .. | .. | 16 | .. | .. | 10 | .. | 08 | 05d | .. | .. | 05 | 83 | Mb p |
| 4950 | U. Min. | — | 583 | 2217 | .. | 1.7 | +73 33 | 6.33 | 00 | .. | .. | .. | .. | 00 | .. | .. | .. | .. | .. | 19b | .. | .. | 15 | 12 | A |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50.



**13h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 4951 | Cent. | — | 6194 | *4431* | 17844 | 1.7 | −52 55 | 5.96 | .. | .. | .. | .. | *07* | .. | .. | 06 | .. | .. | .. | .. | .. | .. | *16* | 6. | A | Bq |
| 4952 | Musca | θ | 2183 | *4432* | 17840 | 1.7 | −64 46 | 5.64 | .. | .. | .. | .. | 00 | .. | .. | *01* | .. | .. | .. | .. | *24* | .. | *14* | 5. | Oa p | Oa p |
| 4953 | U. Maj. | — | 1275 | 2220 | .. | 2.4 | +62 35 | 6.31 | *06* | .. | .. | .. | .. | 02 | 03 | .. | .. | .. | *02* | 03c | .. | .. | *11* | 34 | K | Ko |
| 4954 | C.Beren. | 41 | 2185 | 2218 | .. | 2.4 | +28 10 | 4.90 | *01* | .. | .. | .. | .. | 00 | .. | .. | 10 | .. | 10 | 05d | .. | .. | 05 | 152 | K p | K5− |
| 4955 | Virgo | 49 | *3628* | 2219 | 17864 | 2.7 | −10 12 | 5.26 | *04* | .. | *13* | 28 | .. | 12 | *07* | *16* | 24 | .. | .. | .. | .. | .. | 14 | 69 | K | Ko |
| 4956 | C.Beren. | — | 2187 | .. | .. | 3.2 | +28 4 | 6.40 | .. | .. | .. | .. | .. | *02* | 02 | .. | .. | .. | .. | *05*d | .. | .. | .. | 56 | K p | K5− |
| 4957 | Virgo | g | 3491 | 2221 | 17883 | 3.3 | − 8 27 | 5.70 | 16 | .. | .. | .. | .. | 06 | *11* | *10* | .. | .. | 16 | .. | .. | .. | 20 | 46 | G 2 | Ko |
| 4958 | Hydra | ψ 45 | 3515 | 2222 | 17889 | 3.6 | −22 35 | 5.11 | 02 | .. | .. | *05* | .. | 17 | *07* | *05* | 19 | .. | .. | .. | .. | .. | *31* | 99 | K | Ko |
| 4959 | Virgo | — | *3495* | .. | 17897 | 4.0 | − 9 0 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *03* | K | Ko |
| 4960 | Virgo | — | 2516 | 2223 | .. | 4.3 | +10 33 | 5.95 | 01 | .. | 15 | .. | .. | *14* | *03* | .. | .. | .. | .. | *03*c | .. | .. | *15* | 37 | K | Ko |
| 4961 | Virgo | 50 | 3636 | .. | 17905 | 4.5 | − 9 48 | 6.20 | .. | .. | *04* | 09 | .. | *02* | *04* | .. | 25 | .. | .. | .. | .. | .. | .. | 40 | K | K2 |
| 4962 | C.Beren. | — | 2595 | .. | .. | 4.8 | +17 22 | 6.18 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *26*d | .. | .. | .. | 82 | K | Ko |
| 4963 | Virgo | θ 51 | *3430* | 2224 | 17912 | 4.8 | − 5 0 | 4.44 | *07* | .. | *01* | .. | .. | *12* | .. | 20 | 06 | .. | 05 | .. | .. | .. | *47* | 14 | A | Ao |
| 4964 | C.Venat. | — | *2407* | 2225 | .. | 5.0 | +37 57 | 6.14 | 03 | .. | .. | *10* | .. | 13 | *07* | .. | .. | .. | .. | 08c | .. | .. | 06 | 79 | Ma | K2 |
| 4965 | Cent. | — | *7329* | .. | 17913 | 5.0 | −52 2 | 6.29 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | *2.* | A p | Ao p |
| 4966 | Musca | — | 1772 | .. | 17907 | 5.0 | −69 25 | 6.13 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | F 2 | F2 |
| 4967 | C.Venat. | 15 | 2611 | 2228 | .. | 5.1 | +39 4 | 6.22 | 12 | .. | 05 | .. | .. | *16* | .. | .. | 18 | .. | *03* | 32a | .. | .. | *22* | *18* | A | Bq |
| 4968 | C.Beren. | 42 | 2697 | 2226 | .. | 5.1 | +18 4 | 5.22 | *09* | .. | .. | 21 | .. | *13* | .. | .. | *07* | .. | *09* | 07b | .. | .. | *11* | 69 | F 5 | F5− |
| 4969 | C.Beren. | | | 2227 | .. | 5.1 | +18 4 | 5.22 | | | | | | | | | | | | | | | | | | |
| 4970 | Cent. | — | 7648 | *4450* | 17925 | 5.4 | −41 42 | 5.82 | .. | .. | .. | .. | *04* | *03* | *05* | 13 | .. | 10 | .. | .. | .. | .. | *22* | 11. | F | F5− |
| 4971 | C.Venat. | 17 | 2614 | 2229 | .. | 5.5 | +39 2 | 6.04 | 03 | .. | *07* | .. | .. | 09 | *04* | .. | 06 | .. | 19 | 14b | .. | .. | .. | 10 | A | Fo |
| 4972 | Cent. | — | 3046 | .. | 17921 | 5.5 | −62 46 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | A 8 | Fo |
| 4973 | Cent. | — | 8175 | *4452* | 17929 | 5.6 | −42 50 | 5.32 | .. | .. | .. | .. | *24* | 10 | 13 | 01 | .. | 51 | .. | .. | 48 | .. | *12* | 17. | K | Ko |
| 4974 | U. Maj. | — | *1056* | .. | .. | 5.9 | +62 47 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 29b | .. | .. | .. | *38* | A | Ao |
| 4975 | Cent. | — | 4815 | *4453* | 17936 | 6.0 | −59 23 | 4.76 | .. | .. | .. | .. | *02* | .. | .. | 01 | .. | *25* | .. | .. | 09 | .. | 06 | 3. | B 8 | B8 |
| 4976 | Cham. | — | 890 | .. | 17922 | 6.0 | −77 55 | 5.77 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | G 5 | G5− |
| 4977 | Musca | — | 2201 | .. | 17939 | 6.2 | −65 42 | 6.03 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *28* | .. | .. | 6. | A | Ao |
| 4978 | Hydra | — | *9653* | 2230 | 17945 | 6.3 | −26 1 | 6.48 | 26 | .. | .. | *23* | .. | *05* | 01 | .. | .. | .. | .. | .. | .. | .. | *03* | *20* | A | A3 |
| 4979 | Cent. | — | 8437 | *4461* | 17949 | 6.5 | −37 16 | 4.89 | .. | *07* | .. | .. | *07* | 04 | 09 | *01* | .. | 58 | .. | .. | 31 | .. | *04* | 18. | G 5 | G5− |
| 4980 | Cent. | — | 4827 | .. | 17950 | 6.6 | −59 17 | 6.39 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | F 2 | F5− |
| 4981 | Virgo | 53 | 3613 | 2231 | 17955 | 6.7 | −15 39 | 5.09 | 04 | .. | *06* | .. | .. | *02* | 01 | 01 | 24 | .. | .. | .. | .. | .. | 01 | 51 | F | F2 |
| 4982 | Cent. | — | 8196 | .. | 17958 | 7.1 | −42 10 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K | Ko |
| 4983 | C.Beren. | 43 | 2193 | 2232 | .. | 7.2 | +28 23 | 4.32 | 06 | .. | .. | .. | .. | *05* | .. | .. | *07* | .. | *08* | 13a | .. | .. | 08 | 84 | G | Go |
| 4984 | C.Beren. | — | *2610* | .. | .. | 7.3 | +24 48 | 6.46 | .. | .. | *05* | .. | .. | .. | 04 | .. | .. | .. | .. | 12c | .. | .. | .. | 38 | F 8 | Ko |
| 4985 | Cent. | — | 7589 | *4464* | 17963 | 7.5 | −50 10 | 6.04 | .. | .. | .. | .. | *05* | .. | .. | 06 | .. | .. | .. | .. | *34* | .. | .. | 4. | A | Ao |
| 4986 | Virgo | — | 2565 | 2233 | .. | 7.6 | +12 5 | 5.82 | *09* | .. | .. | .. | .. | 09 | .. | .. | .. | .. | .. | 00d | .. | .. | 03 | 70 | G 5 | K5− |
| 4987 | C.Beren. | — | 2648 | 2234 | .. | 7.7 | +19 17 | 6.58 | R | .. | 12 | .. | .. | *13* | .. | .. | .. | .. | 10 | 05c | .. | .. | .. | 13 | K | G5− |
| 4988 | Cent. | — | 4738 | .. | 17976 | 8.0 | −58 9 | 5.96 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | K 5 | Ko |
| 4989 | Cent. | — | 4740 | *4467* | 17977 | 8.0 | −58 34 | 5.04 | .. | .. | .. | .. | *05* | .. | .. | 04 | .. | *10* | .. | .. | *04* | .. | 06 | 11. | F 8 | F8 |
| 4990 | Virgo | 54 | 3562 | .. | 17987 | 8.1 | −18 18 | 6.27 | .. | .. | .. | 04 | .. | .. | *04* | .. | *17* | .. | .. | .. | .. | .. | .. | *20* | A | Ao |
| 4991 | Cent. | — | 8213 | .. | 17991 | 8.2 | −42 37 | 6.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | K | Ko |
| 4992 | C.Beren. | — | 2649 | 2235 | .. | 8.4 | +19 15 | 6.48 | 27 | .. | *18* | .. | .. | *08* | .. | .. | .. | .. | *01* | *28*c | .. | .. | *30* | 30 | K | Ko |
| 4993 | Musca | η | 2224 | *4470* | 17989 | 8.5 | −67 22 | 4.95 | .. | .. | .. | .. | *04* | .. | .. | 04 | .. | *23* | .. | .. | *20* | .. | 00 | 6. | B 8 | B8 |
| 4994 | Musca | — | 1784 | .. | 17990 | 8.5 | −69 9 | 6.39 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K | Ko |
| 4995 | Virgo | 55 | 3651 | 2236 | 18005 | 8.8 | −19 24 | 5.63 | 13 | .. | *18* | 16 | .. | *02* | .. | *09* | 02 | .. | .. | .. | .. | .. | *11* | 37 | G | G5− |
| 4996 | Cent. | — | 8050 | .. | 18002 | 8.9 | −48 25 | 5.97 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K | Ko |
| 4997 | C.Venat. | — | 2633 | 2237 | .. | 9.2 | +40 41 | 5.05 | *01* | .. | .. | .. | .. | 02 | 00 | .. | .. | .. | *01* | 11c | .. | .. | 22 | 110 | K | Ko |
| 4998 | Virgo | — | *2572* | 2238 | .. | 9.5 | +11 52 | 5.81 | *11* | .. | .. | 12 | .. | 00 | .. | .. | .. | .. | *05* | *13*d | .. | .. | *11* | 71 | K | K5− |
| 4999 | Cent. | — | 8547 | .. | 18018 | 9.5 | −35 50 | 6.32 | .. | .. | .. | .. | .. | .. | 09 | *10* | .. | .. | .. | .. | .. | .. | .. | 9. | K | Ko |
| 5000 | Musca | — | 2316 | .. | 18031 | 10.1 | −64 36 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | F 5 | F5− |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**13h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 5001 | Virgo | 57 | 3653 | 2240 | 18045 | 10.5 | −19 25 | 5.32 | 09 | .. | 12 | .. | .. | 09 | .. | 05 | 04 | .. | .. | .. | .. | .. | 20 | 73 | G 5 | $K_0$ |
| 5002 | Musca | — | 2142 | 4480 | 18039 | 10.5 | −66 15 | 4.78 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | 27 | .. | 02 | 26. | K | $K_0$ |
| 5003 | U. Min. | — | 587 | .. | .. | 10.7 | +73 20 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33b | .. | .. | .. | 23 | A | $A_0$ |
| 5004 | C.Venat. | 19 | 2374 | 2241 | .. | 11.0 | +41 23 | 5.68 | 04 | .. | .. | .. | .. | 05 | .. | .. | 08 | .. | 23 | 24b | .. | .. | 03 | 46 | A 5 | $A_5$ |
| 5005 | Virgo | — | 2674 | .. | 18065 | 11.3 | − 0 52 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 12 | F | $F_0$ |
| 5006 | Cent. | r | 10457 | 4481 | 18060 | 11.3 | −30 59 | 5.36 | 17 | 31 | .. | .. | 20 | 05 | 10 | 22 | .. | 06 | .. | .. | 14 | .. | 14 | 12. | K | $K_0$ |
| 5007 | C.Beren. | — | 2655 | .. | .. | 11.4 | +19 36 | 6.54 | .. | .. | 06 | .. | .. | .. | 07 | .. | .. | .. | .. | 06c | .. | .. | .. | 32 | G 2 | $G_5$ |
| 5008 | Cent. | — | 8165 | 4483 | 18064 | 11.4 | −43 27 | 5.87 | .. | .. | .. | .. | 03 | 04 | 13 | 13 | .. | .. | .. | .. | .. | .. | 02 | 7. | A 3 | $A_3p$ |
| 5009 | Camel. | — | 416 | .. | .. | 11.5 | +81 0 | 6.32 | .. | .. | 09 | .. | .. | 08 | .. | .. | .. | .. | .. | 07c | .. | .. | .. | 13 | K | $G_5$ |
| 5010 | C.Beren. | — | 2814 | 2243 | .. | 11.7 | +20 19 | 6.29 | 01 | .. | 06 | .. | .. | 04 | .. | .. | .. | .. | 04 | 40b | .. | .. | 26 | 13 | A | $A_3$ |
| 5011 | Virgo | e 59 | 2531 | 2244 | .. | 11.8 | + 9 56 | 5.22 | 10 | .. | 00 | 20 | .. | 08 | .. | .. | 12 | .. | 05 | 30c | .. | .. | 08 | 41 | F | $F_0$ |
| 5012 | Musca | — | 1458 | .. | 18069 | 12.0 | −71 30 | 6.07 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 24. | K | $K_2$ |
| 5013 | Virgo | — | 2591 | 2245 | .. | 12.3 | +14 12 | 5.45 | 12 | .. | .. | 07 | .. | 18 | .. | .. | .. | .. | 31 | 05d | .. | .. | 15 | 78 | K | $K_2$ |
| 5014 | Virgo | — | 3040 | .. | 18095 | 12.4 | − 0 9 | 6.32 | .. | .. | 11 | .. | .. | 10 | 00 | .. | .. | .. | .. | 26b | .. | .. | .. | 11 | A | $F_0$ |
| 5015 | Virgo | σ 60 | 2722 | 2246 | .. | 12.6 | + 6 0 | 5.01 | 03 | .. | .. | 03 | .. | 10 | 05 | .. | 29 | .. | 13 | 15d | .. | .. | 01 | 113 | Ma | Ma |
| 5016 | Cent. | — | 7660 | .. | 18093 | 12.6 | −50 46 | 6.39 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | A | $A_0$ |
| 5017 | C.Venat. | 20 | 2380 | 2248 | .. | 13.1 | +41 6 | 4.66 | 06 | .. | .. | .. | .. | 06 | 00 | .. | 34 | .. | 05 | 32b | .. | .. | 06 | 62 | F | $F_0$ |
| 5018 | Draco | — | 694 | 2250 | .. | 13.2 | +68 56 | 6.11 | 01 | 01 | .. | R | .. | 03 | 06 | .. | .. | .. | .. | 35b | .. | 22 | 01 | 44 | A | $B_9$ |
| 5019 | Virgo | 61 | 3813 | 2247 | 18112 | 13.2 | −17 45 | 4.80 | 02 | .. | .. | .. | .. | 04 | 04 | 04 | 49 | .. | .. | .. | .. | .. | 00 | 80 | K | $G_5$ |
| 5020 | Hydra | γ 46 | 3554 | 2249 | 18121 | 13.5 | −22 39 | 3.33 | 02 | .. | .. | 09 | .. | 10 | .. | R | 17 | 22 | .. | .. | .. | .. | 06 | 125 | G 5 | $G_5$ |
| 5021 | Virgo | — | 2721 | 2251 | .. | 13.8 | + 4 13 | 6.56 | 26 | .. | 39 | .. | .. | 13 | .. | .. | .. | .. | 37 | 37b | .. | .. | 16 | 23 | A | $A_0$ |
| 5022 | C.Venat. | — | 2410 | .. | .. | 13.9 | +34 37 | 5.98 | .. | .. | 04 | .. | .. | 05 | .. | .. | .. | .. | .. | 07d | .. | .. | .. | 99 | K | $K_0$ |
| 5023 | C.Venat. | 21 | 1994 | 2253 | .. | 14.0 | +50 12 | 5.13 | 03 | .. | .. | 03 | .. | 06 | 06 | .. | 07 | .. | 16 | 27a | .. | .. | 03 | 06 | A | $A_0$ |
| 5024 | Cent. | — | 4912 | .. | 18129 | 14.2 | −59 15 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | F | $F_2$ |
| 5025 | C.Venat. | — | 2435 | 2254 | .. | 14.5 | +35 39 | 5.96 | R | .. | 11 | .. | .. | 06 | 05 | .. | .. | .. | .. | 36b | .. | 15 | 65 | 35 | A | $A_5$ |
| 5026 | Cent. | — | 6405 | 4503 | 18139 | 14.5 | −52 13 | 5.70 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 00 | 6. | B 3 | $B_3$ |
| 5027 | Cent. | — | 5504 | 4504 | 18140 | 14.6 | −55 17 | 6.20 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | 6. | A p | $B_0$ |
| 5028 | Cent. | ι | 8497 | 4507 | 18149 | 15.0 | −36 11 | 2.91 | .. | 17 | .. | .. | 07 | 04 | 02 | 06 | .. | 04 | .. | .. | 04 | .. | 03 | 13. | A 2 | $A_2$ |
| 5029 | Cent. | — | 8580 | .. | 18150 | 15.1 | −46 21 | 5.80 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K | $K_0$ |
| 5030 | Musca | — | 1467 | .. | 18153 | 15.4 | −71 37 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | A | $B_5$ |
| 5031 | Virgo | — | 2758 | .. | .. | 15.7 | + 3 28 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34a | .. | .. | .. | 27 | A | $A_0$ |
| 5032 | C.Venat. | 23 | 2647 | 2255 | .. | 15.8 | +40 41 | 5.69 | 09 | .. | .. | 01 | .. | 04 | 04 | .. | 21 | .. | 14 | 01d | .. | .. | 01 | 141 | K | $K_0$ |
| 5033 | Virgo | — | 3587 | .. | 18183 | 16.1 | −18 58 | 6.18 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 17 | A | $A_0$ |
| 5034 | Cent. | — | 4627 | 4514 | 18172 | 16.1 | −60 27 | 6.51 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | 17 | 3. | B 3 | $B_3$ |
| 5035 | Cent. | J | | 4515 | 18174 | 16.2 | −60 28 | 4.62 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | 07 | .. | .. | 21 | .. | | | B 5 | $B_5$ |
| 5036 | Cent. | — | 7465 | .. | 18178 | 16.2 | −51 40 | 6.10 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | B | $B_0$ |
| 5037 | Virgo | — | 2664 | 2256 | .. | 16.7 | + 2 37 | 5.68 | 09 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 28 | 16b | .. | .. | 12 | 00 | A | $A_0$ |
| 5038 | Cent. | — | 8260 | .. | 18195 | 16.9 | −47 25 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | A | $A_2$ |
| 5039 | Cent. | — | 8261 | .. | 18198 | 17.1 | −48 2 | 6.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | A | $B_5$ |
| 5040 | Virgo | 64 | 2737 | 2257 | .. | 17.2 | + 5 41 | 5.87 | 19 | .. | .. | 19 | .. | 06 | 07 | .. | 17 | .. | 10 | 23b | .. | .. | 17 | 06 | B | $A_0$ |
| 5041 | Cent. | m | 2732 | 4521 | 18202 | 17.2 | −64 1 | 4.50 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | 01 | .. | .. | 65 | .. | 00 | 17. | G | $G_0$ |
| 5042 | Musca | ι¹ | 1057 | 4522 | 18192 | 17.2 | −74 22 | 4.96 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | 14 | .. | 01 | 17. | K | $K_0$ |
| 5043 | Cent. | — | 9322 | .. | 18210 | 17.5 | −32 40 | 6.32 | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | 18. | Ma | Ma |
| 5044 | Virgo | 63 | 3650 | 2258 | 18214 | 17.6 | −17 13 | 5.45 | 05 | .. | .. | .. | .. | 07 | 12 | 11 | 05 | .. | .. | .. | .. | .. | 05 | 88 | K | $K_0$ |
| 5045 | C.Venat. | — | 2269 | 2259 | .. | 17.7 | +44 26 | 6.41 | 03 | .. | 11 | .. | .. | 14 | .. | .. | .. | .. | 28 | 09b | .. | .. | 06 | 03 | A | $A_3$ |
| 5046 | Cent. | — | 7884 | .. | 18217 | 17.9 | −49 18 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | G | $K_0$ |
| 5047 | Virgo | 65 | 3469 | 2260 | 18230 | 18.1 | − 4 24 | 5.94 | 12 | .. | 14 | .. | .. | 04 | 07 | R | 24 | .. | 19 | .. | .. | .. | 16 | 90 | K | $K_0$ |
| 5048 | Cent. | — | 2743 | .. | 18232 | 18.6 | −63 58 | 5.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 01 | 6. | F 5 | $F_5$ |
| 5049 | Musca | — | 1838 | 4535 | 18227 | 18.6 | −70 6 | 5.84 | .. | .. | .. | .. | 04 | .. | .. | 05 | .. | .. | .. | .. | 49 | .. | 06 | 1. | A | $A_0p$ |
| 5050 | Virgo | 66 | 3472 | 2261 | 18255 | 19.3 | − 4 39 | 5.76 | 06 | .. | 01 | .. | .. | 04 | 07 | .. | 03 | .. | 19 | .. | .. | .. | 04 | 32 | G | $F_2$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....



**13h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 5051 | Musca | i2 | 1059 | .. | 18243 | 19.3 | −74 10 | 6.76 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 76 | .. | .. | 7. | A | Bq |
| 5052 | C.Venat. | — | 2404 | 2262 | .. | 19.4 | +37 33 | 6.37 | 03 | .. | .. | .. | .. | 03 | 05 | .. | .. | .. | .. | 13d | .. | .. | 05 | 86 | Ma | Ma |
| 5053 | Virgo | — | 2663 | .. | .. | 19.5 | +12 57 | 6.50 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 09c | .. | .. | .. | 33 | G 5 | K0 |
| 5054 | U. Maj. | ζ 79 | 1598 | 2264 | .. | 19.9 | +55 27 | 2.40 | 21 | .. | .. | 21 | .. | 01 | .. | .. | 03 | 00 | 08 | 21b | .. | .. | 03 | R | A p | A0 p |
| 5055 | U. Maj. | ζ — | | 2265 | .. | 19.9 | +55 26 | 3.96 | | | | | | | | | | | | | | | | | A 2 | A0 |
| 5056 | Virgo | α 67 | 3672 | 2263 | 18262 | 19.9 | −10 38 | 1.21 | 02 | .. | 10 | 00 | .. | 12 | .. | R | .. | 07 | 25 | .. | .. | .. | 11 | R | B 2 | B2 |
| 5057 | C.Beren. | — | 2578 | 2266 | .. | 20.3 | +24 22 | 5.75 | 18 | .. | .. | .. | .. | 08 | 09 | .. | .. | .. | 19 | 31b | .. | .. | 03 | 07 | A | A2 |
| 5058 | Cent. | — | 8246 | 4541 | 18268 | 20.3 | −39 14 | 5.25 | .. | 22 | .. | .. | 13 | 08 | 04 | 04 | .. | 64 | .. | .. | 15 | .. | 13 | 18. | K | K0 |
| 5059 | Virgo | — | 2686 | .. | 18293 | 21.1 | − 0 41 | 6.01 | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 00 | A | A3 |
| 5060 | Cent. | — | 7894 | 4543 | 18290 | 21.1 | −40 59 | 5.76 | .. | .. | .. | .. | 04 | 03 | 10 | 11 | .. | .. | .. | .. | .. | .. | 16 | 16. | Ma | K2 |
| 5061 | Cent. | — | 8202 | .. | 18285 | 21.1 | −48 38 | 6.31 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | A | A0 |
| 5062 | U. Maj. | g 80 | 1603 | 2267 | .. | 21.2 | +55 30 | 4.02 | 16 | .. | .. | .. | .. | 17 | .. | .. | 68 | .. | 00 | 16b | .. | .. | 35 | 50 | A 5 | A5 |
| 5063 | Cent. | — | 8206 | .. | 18294 | 21.3 | −48 52 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | B | B3 |
| 5064 | Virgo | i 68 | 3516 | 2268 | 18298 | 21.4 | −12 11 | 5.59 | 07 | .. | .. | .. | .. | 07 | .. | .. | 09 | .. | .. | .. | .. | .. | 09 | 69 | K p | K2 |
| 5065 | Cent. | — | 8260 | .. | 18296 | 21.4 | −39 39 | 6.52 | .. | .. | .. | .. | .. | .. | 05 | 06 | .. | .. | .. | .. | .. | .. | .. | 8. | Ma | K0 |
| 5066 | Musca | — | 1929 | .. | 18292 | 21.5 | −69 7 | 6.24 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | A | Bq |
| 5067 | C.Venat. | — | 1868 | 2270 | .. | 22.0 | +46 33 | 5.89 | 22 | .. | .. | .. | .. | 04 | 19 | .. | .. | .. | 10 | 08c | .. | .. | 19 | 71 | G | K0 |
| 5068 | Virgo | 69 | 3668 | 2269 | 18316 | 22.1 | −15 27 | 4.89 | 04 | .. | 10 | .. | .. | 13 | .. | R | 36 | .. | .. | .. | .. | .. | 23 | 91 | K | K0 |
| 5069 | Musca | — | 2418 | .. | 18311 | 22.4 | −64 10 | 6.24 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | A | A0 |
| 5070 | Draco | — | 949 | .. | .. | 22.6 | +63 46 | 6.55 | .. | .. | 10 | .. | .. | .. | 10 | .. | .. | .. | .. | 13c | .. | .. | .. | 00 | G 5 | B5 |
| 5071 | Cent. | K | 7812 | 4557 | 18332 | 23.3 | −50 39 | 5.31 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | 19 | .. | .. | 04 | .. | 04 | 0. | A | A2 |
| 5072 | Virgo | 70 | 2621 | 2271 | .. | 23.5 | +14 19 | 5.16 | 05 | .. | .. | 11 | .. | 15 | .. | .. | 06 | .. | 19 | 09c | .. | .. | 11 | 45 | F | B0 |
| 5073 | U. Min. | — | 592 | 2272 | .. | 23.6 | +72 55 | 6.07 | 04 | .. | .. | .. | .. | 06 | 03 | .. | .. | .. | 17 | 17d | .. | .. | 06 | 60 | Ma | K0 |
| 5074 | Draco | — | 935 | 2273 | .. | 23.7 | +65 15 | 6.66 | 02 | .. | 09 | .. | .. | 22 | 07 | .. | .. | .. | 57 | 12b | .. | .. | .. | .. | F | F0 |
| 5075 | Draco | — | 936 | 2274 | .. | 23.7 | +65 13 | 7.01 | | | 24 | | | 17 | 04 | | | | 49 | 20b | | | 07 | 26 | | F0 |
| 5076 | U. Maj. | — | 1622 | .. | .. | 24.0 | +53 16 | 6.16 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 52b | .. | .. | .. | 11 | A | F0 |
| 5077 | C.Venat. | — | 2400 | 2276 | .. | 24.1 | +41 15 | 6.54 | 07 | .. | .. | .. | .. | 06 | .. | .. | .. | .. | 28 | 10b | .. | .. | 01 | 51 | K p | K0 |
| 5078 | Virgo | — | 2694 | .. | 18359 | 24.1 | − 0 51 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | K0 |
| 5079 | U. Maj. | — | 1846 | .. | .. | 24.2 | +51 6 | 6.77 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 44b | .. | .. | .. | 43 | F | A3 |
| 5080 | Hydra | R | 3601 | 2275 | 18361 | 24.2 | −22 46 | var. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md | Md |
| 5081 | Virgo | 71 | 2575 | 2277 | .. | 24.3 | +11 20 | 5.78 | 12 | .. | .. | 08 | .. | 03 | 05 | .. | 08 | .. | 15 | 04c | .. | .. | 03 | 94 | K | K0 |
| 5082 | Cham. | — | 767 | .. | 18352 | 24.6 | −77 3 | 6.48 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | G 5 p | G5 |
| 5083 | U. Maj. | — | 1847 | 2278 | .. | 24.7 | +51 14 | 6.30 | 04 | .. | .. | .. | .. | 13 | 08 | .. | .. | .. | 15 | 43b | .. | .. | .. | 90 | F | F0 |
| 5084 | Octans | κ | 384 | 4565 | 18321 | 24.7 | −85 16 | 5.65 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | 25 | .. | 07 | 6. | A | A2 |
| 5085 | U. Maj. | — | 1461 | 2279 | .. | 24.8 | +60 28 | 5.41 | 01 | 01 | .. | R | .. | 00 | 01 | .. | .. | .. | 01 | 28b | .. | 16 | 31 | 11 | A | A0 |
| 5086 | Virgo | — | 2655 | .. | .. | 25.0 | + 7 42 | 6.29 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 02d | .. | .. | .. | .. | K 5 | K5 |
| 5087 | Virgo | — | 2750 | .. | .. | 25.0 | + 6 32 | 6.41 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 19b | .. | .. | .. | .. | G 5 | K0 |
| 5088 | Virgo | 72 | 3706 | 2280 | 18379 | 25.2 | − 5 57 | 6.07 | 07 | .. | 07 | .. | .. | 02 | 01 | .. | 04 | .. | .. | .. | .. | .. | 03 | 11 | F | A5 |
| 5089 | Cent. | d | 8592 | 4567 | 18376 | 25.2 | −38 54 | 3.96 | .. | 16 | .. | .. | 01 | 08 | 12 | 02 | .. | 34 | .. | .. | 44 | .. | 19 | 22. | K | K0 |
| 5090 | Hydra | — | 9278 | 2281 | 18398 | 26.0 | −27 36 | 6.55 | 16 | .. | .. | 06 | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | 00 | 31 | A | A2 |
| 5091 | Camel. | — | 422 | 2286 | .. | 26.1 | +79 10 | 5.94 | 14 | .. | .. | .. | .. | 12 | 03 | .. | .. | .. | 06 | 03c | .. | .. | 09 | 02 | K | B5 |
| 5092 | Cent. | — | 8695 | .. | 18403 | 26.3 | −37 53 | 6.34 | .. | .. | .. | .. | .. | .. | 09 | 08 | .. | .. | .. | .. | .. | .. | .. | 11. | K | K0 |
| 5093 | Musca | — | 2465 | 4573 | 18407 | 26.6 | −65 7 | 6.42 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | .. | 3. | A | A0 |
| 5094 | Virgo | 73 | 3877 | 2282 | 18413 | 26.7 | −18 13 | 5.93 | 05 | .. | .. | .. | .. | 05 | .. | .. | 23 | .. | .. | .. | .. | .. | 07 | 11 | F | A3 |
| 5095 | Virgo | l 74 | 3714 | 2283 | 18417 | 26.8 | − 5 45 | 4.83 | 08 | .. | 14 | .. | .. | 07 | .. | .. | 17 | .. | 14 | .. | .. | .. | 05 | 120 | Mb | Md |
| 5096 | C.Venat. | — | 2405 | 2287 | .. | 27.0 | +42 36 | 6.15 | 09 | .. | .. | .. | .. | 15 | 05 | .. | .. | .. | 02 | 10c | .. | .. | 05 | 82 | K | K0 |
| 5097 | Hydra | — | 10128 | 2284 | 18423 | 27.0 | −28 11 | 5.67 | 03 | .. | .. | 15 | .. | 12 | 01 | R | .. | .. | .. | .. | .. | .. | 23 | 00 | A | A0 |
| 5098 | Hydra | — | 10127 | 2285 | 18420 | 27.0 | −29 3 | 6.44 | 07 | .. | .. | 07 | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | 29 | 7. | F 2 | F5 |
| 5099 | Virgo | 75 | 3739 | 2288 | 18438 | 27.5 | −14 51 | 5.65 | 08 | .. | 13 | .. | .. | 04 | .. | R | 05 | .. | .. | .. | .. | .. | 03 | 71 | K | K0 |
| 5100 | Virgo | h 76 | 3711 | 2290 | 18445 | 27.7 | − 9 39 | 5.43 | 11 | .. | 06 | .. | .. | 01 | 05 | R | 10 | .. | 19 | .. | .. | .. | 09 | 57 | G | G5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**13h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 5101 | Virgo | S | 3837 | 2289 | .. | 27.8 | − 6 41 | var. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | .. | Md | Md |
| 5102 | C.Beren. | — | *2643* | 2291 | .. | 28.1 | +24 52 | 6.18 | 11 | .. | 03 | .. | .. | *11* | *05* | .. | .. | .. | .. | 04c | .. | .. | 07 | 46 | K | $B_6$ |
| 5103 | Cent. | — | 8417 | .. | 18455 | 28.4 | −47 46 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | A | $A_0$ |
| 5104 | Cent. | — | 9459 | .. | 18469 | 29.0 | −32 48 | 6.48 | .. | .. | .. | .. | .. | .. | 05 | *06* | .. | .. | .. | .. | .. | .. | .. | 9. | K5 | $K_2$ |
| 5105 | Virgo | o 78 | 2764 | 2292 | .. | 29.1 | + 4 10 | 4.93 | *06* | .. | .. | 00 | .. | 03 | 03 | .. | 02 | .. | 18 | 22b | .. | .. | 17 | 05 | A p | $A_2p$ |
| 5106 | Virgo | R | 3843 | 2293 | 18477 | 29.3 | −12 42 | 5.81 | *10* | .. | .. | *06* | .. | 01 | 16 | .. | .. | .. | .. | .. | .. | .. | 04 | 02 | A | $A_0$ |
| 5107 | Virgo | ζ 79 | *3076* | 2294 | .. | 29.6 | − 0 5 | 3.44 | 09 | .. | *21* | 21 | .. | *08* | .. | .. | *14* | *04* | *08* | 12b | .. | .. | 16 | 57 | A 2 | $A_2$ |
| 5108 | C.Venat. | — | 2658 | 2295 | .. | 30.0 | +39 19 | 6.21 | 06 | .. | 11 | .. | .. | *28* | 11 | .. | .. | .. | *01* | 43a | .. | .. | 04 | 23 | A | $A_3$ |
| 5109 | U. Maj. | 81 | *1667* | 2298 | .. | 30.3 | +55 52 | 5.48 | *02* | .. | .. | *09* | .. | *11* | 20 | .. | *22* | .. | 21 | 43b | .. | .. | *08* | 11 | A p | $A_0p$ |
| 5110 | C.Venat. | — | 2426 | 2297 | .. | 30.3 | +37 42 | 4.96 | 03 | .. | .. | .. | .. | *03* | *01* | .. | .. | .. | 03 | 15b | .. | .. | 20 | 67 | F | $F_0$ |
| 5111 | Virgo | 80 | 3515 | 2296 | 18495 | 30.3 | − 4 53 | 5.75 | 10 | .. | *10* | .. | .. | 09 | *10* | *01* | 20 | .. | 16 | .. | .. | .. | 07 | 58 | K | $K_0$ |
| 5112 | C.Venat. | 24 | 2227 | 2299 | .. | 30.4 | +49 32 | 4.63 | 21 | .. | .. | .. | .. | 04 | *25* | .. | 17 | .. | 34 | 33b | .. | .. | 17 | 28 | A 3 | $A_3$ |
| 5113 | Cent. | — | 3841 | .. | 18492 | 30.5 | −61 11 | 5.59 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | *09* | 15 | F 2 | $F_5$ |
| 5114 | Bootes | — | 2565 | .. | .. | 30.6 | +10 43 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 20c | .. | .. | .. | 26 | K | $K_0$ |
| 5115 | Cham. | — | 882 | 4592 | 18485 | 30.7 | −75 11 | 6.44 | .. | .. | .. | .. | 11 | .. | .. | *12* | .. | .. | .. | .. | .. | .. | .. | 1. | A | $A_0$ |
| 5116 | C.Venat. | — | 2285 | 2300 | .. | 30.9 | +44 43 | 6.63 | *13* | .. | 09 | .. | .. | 04 | .. | .. | .. | .. | *14* | 35a | .. | .. | *13* | 11 | A | $A_5$ |
| 5117 | Cent. | — | 9189 | .. | 18505 | 31.1 | −33 58 | 6.62 | .. | .. | .. | .. | .. | .. | 12 | *12* | .. | .. | .. | .. | .. | .. | .. | 2. | K | $B_5$ |
| 5118 | Cent. | — | 8418 | .. | 18502 | 31.2 | −43 38 | 5.96 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K | $K_0$ |
| 5119 | Musca | — | 1898 | *4594* | 18498 | 31.2 | −69 56 | 5.97 | .. | .. | .. | .. | *10* | .. | .. | 10 | .. | .. | .. | .. | *12* | .. | .. | 17. | K5 | $K_2$ |
| 5120 | Hydra | — | 9900 | 2301 | 18512 | 31.3 | −25 59 | 5.49 | 15 | .. | .. | *02* | .. | *13* | .. | .. | .. | .. | .. | .. | .. | .. | 11 | *01* | A 2 | $A_2$ |
| 5121 | Cent. | — | 8578 | .. | 18509 | 31.3 | −45 55 | 6.04 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | A | $B_8$ |
| 5122 | Cent. | — | 6169 | .. | 18513 | 31.5 | −57 55 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | R | .. | .. | 9. | K | $K_0$ |
| 5123 | C.Beren. | — | 2652 | 2302 | .. | 32.3 | +25 7 | 5.90 | 03 | .. | .. | .. | .. | *12* | 10 | .. | .. | .. | 14 | *16*e | .. | .. | 10 | 69 | Mb | Ma |
| 5124 | Cent. | — | *5856* | .. | 18532 | 32.3 | −57 7 | 6.04 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | K | $K_0$ |
| 5125 | Musca | — | 1653 | *4604* | 18526 | 32.3 | −70 17 | 6.50 | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19. | K5 | $K_0$ |
| 5126 | C.Venat. | — | 2014 | .. | .. | 32.5 | +50 0 | 6.60 | .. | .. | 07 | .. | .. | .. | *08* | .. | .. | .. | .. | *12*c | .. | .. | .. | 74 | K | $K_0$ |
| 5127 | C.Venat. | 25 | *2433* | 2304 | .. | 33.0 | +36 48 | 4.92 | 08 | .. | .. | .. | .. | *09* | .. | .. | *42* | .. | 16 | 10b | .. | .. | 26 | 25 | F | $F_0$ |
| 5128 | *Hydra* | — | *10181* | 2303 | 18554 | 33.1 | −29 3 | 5.84 | *20* | .. | .. | 13 | .. | 07 | 01 | .. | .. | .. | .. | .. | .. | .. | *12* | 50 | F 2 | $F_0$ |
| 5129 | Bootes | — | *2602* | .. | .. | 33.2 | +14 48 | 6.35 | .. | .. | *11* | .. | .. | 06 | 06 | .. | .. | .. | .. | 37b | .. | .. | .. | *01* | A | $F_0$ |
| 5130 | Cent. | — | *2896* | .. | 18549 | 33.2 | −64 4 | 5.78 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | F 2 | $F_0$ |
| 5131 | Camel. | — | 516 | 2305 | .. | 33.4 | +77 4 | 6.70 | 05 | .. | .. | .. | .. | *02* | *03* | .. | .. | .. | .. | *22*d | .. | .. | 13 | 54 | K | $K_5$ |
| 5132 | Cent. | ε | 6655 | *4610* | 18559 | 33.5 | −52 57 | 2.56 | .. | .. | .. | .. | 02 | .. | .. | *02* | .. | *02* | .. | .. | *06* | .. | 00 | 4. | B 1 | $B_1$ |
| 5133 | U. Maj. | — | 1856 | .. | .. | 33.7 | +51 13 | 6.59 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *11*d | .. | .. | .. | .. | G 5 | $K_5$ |
| 5134 | Cent. | — | 8095 | .. | 18566 | 33.8 | −49 27 | 5.62 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 22. | Mb | Mb |
| 5135 | Cent. | — | 8390 | .. | 18567 | 33.9 | −39 15 | 6.36 | .. | .. | .. | .. | .. | .. | 02 | *03* | .. | .. | .. | .. | .. | .. | .. | 12. | Mb | Mb |
| 5136 | Cent. | — | 8392 | *4612* | 18568 | 34.0 | −39 33 | 5.72 | .. | 08 | .. | .. | 03 | 01 | 05 | *19* | .. | .. | .. | .. | .. | .. | *07* | 15. | K | $K_0$ |
| 5137 | Bootes | — | *2697* | .. | .. | 34.3 | +18 47 | 6.46 | .. | .. | *01* | .. | .. | .. | 02 | .. | .. | .. | .. | 26c | .. | .. | .. | 35 | K | $K_0$ |
| 5138 | Bootes | — | 2589 | 2306 | .. | 34.7 | +11 15 | 5.54 | 06 | .. | .. | 12 | .. | *05* | *14* | .. | .. | .. | *04* | 27b | .. | .. | 04 | 26 | A | $F_2$ |
| 5139 | U. Min. | — | 659 | 2307 | .. | 34.8 | +71 45 | 5.67 | *07* | .. | .. | .. | .. | 07 | .. | .. | .. | .. | 04 | *14*c | .. | .. | 05 | 62 | G 5 | $K_0$ |
| 5140 | Cent. | — | 5059 | *4621* | 18586 | 35.3 | −58 17 | 5.53 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | *03* | .. | *08* | 11. | A | $B_9$ |
| 5141 | Cent. | Q | *5725* | *4622* | 18587 | 35.4 | −54 3 | 5.40 | .. | .. | .. | .. | 09 | .. | .. | *10* | .. | .. | .. | .. | *20* | .. | 10 | 7. | B 9 | $B_9$ |
| 5142 | U. Maj. | 82 | 1640 | 2309 | .. | 35.7 | +53 26 | 5.28 | 02 | .. | .. | *04* | .. | *15* | 17 | .. | 32 | .. | 03 | 38b | .. | 35 | 02 | 16 | A 2 | $A_2$ |
| 5143 | C.Venat. | — | 2526 | 2308 | .. | 35.8 | +31 31 | 6.08 | 02 | .. | .. | .. | .. | *01* | .. | .. | .. | .. | 14 | 34c | .. | .. | 02 | 120 | G 2 | $G_5$ |
| 5144 | Bootes | 1 | 2858 | 2310 | .. | 35.9 | +20 28 | 5.65 | 07 | .. | .. | .. | .. | *01* | *05* | .. | *12* | .. | 24 | 29a | .. | .. | *08* | *18* | A 2 | $A_2$ |
| 5145 | C.Venat. | — | 2248 | 2311 | .. | 36.0 | +28 35 | 6.36 | *07* | .. | .. | .. | .. | *01* | 08 | .. | .. | .. | 11 | 01d | .. | .. | *06* | 50 | K | $K_0$ |
| 5146 | Hydra | — | 3645 | .. | 18610 | 36.0 | −22 57 | 6.42 | .. | .. | .. | .. | .. | 03 | *02* | .. | .. | .. | .. | .. | .. | .. | .. | *32* | A | $A_0$ |
| 5147 | Cent. | T | *9549* | .. | 18609 | 36.0 | −33 6 | var. | .. | .. | .. | .. | .. | .. | .. | v | .. | .. | .. | .. | .. | .. | .. | v | Md | Md |
| 5148 | U. Maj. | — | 1859 | .. | .. | 36.3 | +51 2 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13b | .. | .. | .. | 27 | F | $F_8$ |
| 5149 | Bootes | 2 | 2600 | 2313 | .. | 36.3 | +23 1 | 5.80 | 03 | .. | .. | .. | .. | *03* | .. | .. | 00 | .. | 07 | *05*b | .. | .. | *13* | 50 | K | $B_5$ |
| 5150 | Virgo | m 82 | *3674* | 2312 | 18613 | 36.4 | − 8 12 | 5.16 | 14 | .. | .. | .. | .. | 06 | .. | *20* | 41 | .. | 38 | .. | .. | .. | 09 | 110 | Ma | Ma |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**13h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 5151 | Cent. | — | 5891 | .. | 18612 | 36.4 | −56 16 | 6.30 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 90 | .. | .. | 5. | B | B2 |
| 5152 | Cent. | — | 7983 | 4630 | 18614 | 36.6 | −50 17 | 6.29 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | 11. | K | K0 |
| 5153 | U. Maj. | — | 1456 | 2314 | .. | 36.8 | +57 42 | 6.14 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 03 | 49b | .. | .. | 06 | 01 | A | A2 |
| 5154 | U. Maj. | 83 | 1625 | 2315 | .. | 36.9 | +55 12 | 4.75 | 08 | .. | .. | .. | .. | 08 | .. | .. | 29 | .. | 35 | 11d | .. | .. | 15 | 132 | Ma | Ma |
| 5155 | Cent. | — | 8096 | .. | 18623 | 37.0 | −40 54 | 6.00 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | G5 | K0 |
| 5156 | Virgo | — | 2798 | .. | .. | 37.3 | + 8 54 | 6.13 | .. | .. | 04 | 09 | .. | 13 | .. | .. | .. | .. | .. | 29b | .. | .. | .. | 04 | G | G5 |
| 5157 | Cent. | — | 8089 | .. | 18638 | 37.7 | −41 34 | 6.10 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | A | B8 |
| 5158 | Cent. | — | 7998 | .. | 18646 | 38.0 | −50 31 | 6.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | Ap | A0p |
| 5159 | Virgo | 84 | 2775 | 2317 | .. | 38.1 | + 4 2 | 5.62 | 11 | .. | .. | .. | .. | 10 | .. | .. | 12 | .. | 38 | 04d | .. | .. | 12 | 41 | K | K0 |
| 5160 | C.Venat. | — | 2431 | 2318 | .. | 38.2 | +42 10 | 6.34 | 10 | .. | .. | .. | .. | 07 | 04 | .. | .. | .. | 38 | 12b | .. | .. | 06 | 77 | F5 | K0 |
| 5161 | C.Venat. | — | 2474 | .. | .. | 38.3 | +35 30 | 5.98 | .. | .. | 01 | .. | .. | 02 | 01 | .. | .. | .. | .. | 32c | .. | .. | .. | 88 | G5 | K0 |
| 5162 | Draco | — | 953 | 2320 | .. | 38.4 | +65 20 | 5.70 | 08 | .. | 05 | .. | .. | 11 | 02 | .. | .. | .. | 12 | 44b | .. | .. | 20 | 00 | A | A0 |
| 5163 | Virgo | — | 3540 | 2319 | 18664 | 38.7 | − 5 0 | 6.39 | 02 | .. | 11 | .. | .. | 08 | .. | .. | .. | .. | 34 | .. | .. | 18 | 04 | 06 | A | A0 |
| 5164 | Bootes | — | 2606 | .. | .. | 39.0 | +23 12 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23d | .. | .. | .. | 27 | K5 | K2 |
| 5165 | Virgo | 83 | 3731 | 2321 | 18673 | 39.1 | −15 41 | 5.71 | 07 | .. | 08 | .. | .. | 03 | 07 | 05 | 09 | .. | .. | .. | .. | .. | 09 | 59 | G | G0 |
| 5166 | Hydra | — | 11057 | 2322 | 18675 | 39.2 | −25 0 | 6.25 | 19 | .. | .. | 05 | 22 | 02 | R | .. | .. | .. | .. | .. | .. | .. | 15 | 10. | K | K0 |
| 5167 | Hydra | — | 9972 | 2324 | 18698 | 40.0 | −25 37 | 5.78 | 01 | .. | .. | 02 | .. | 22 | .. | 21 | .. | .. | .. | .. | .. | .. | 04 | 14 | A | A0 |
| 5168 | Cent. | i 1 | 9603 | 4641 | 18696 | 40.0 | −32 33 | 4.36 | .. | 11 | .. | .. | 11 | 08 | 03 | 05 | 34 | 06 | .. | .. | 19 | .. | 18 | 5. | F5 | F5 |
| 5169 | U. Maj. | — | 1733 | 2325 | .. | 40.1 | +52 32 | 5.82 | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 14 | 50a | .. | .. | 08 | 01 | A | A0 |
| 5170 | Virgo | 85 | 3735 | .. | 18702 | 40.2 | −15 16 | 6.15 | .. | .. | 01 | 08 | .. | 10 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | 15 | A | A0 |
| 5171 | Cent. | — | 4003 | .. | 18694 | 40.2 | −62 6 | 6.23 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 21. | K | G5p |
| 5172 | Cent. | M | 8017 | 4646 | 18700 | 40.4 | −50 56 | 4.68 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | 40 | .. | .. | 22 | .. | 12 | 19. | K | K0 |
| 5173 | Virgo | 86 | 3591 | 2326 | 18711 | 40.6 | −11 56 | 5.82 | 20 | .. | .. | .. | .. | 21 | .. | R | 13 | .. | .. | .. | .. | .. | 18 | 26 | K | K0 |
| 5174 | Cent. | z | 8995 | 4651 | 18718 | 41.1 | −35 45 | 5.24 | .. | 06 | .. | .. | 06 | 08 | 09 | 18 | .. | 03 | .. | .. | 09 | .. | 02 | 10. | A | A0 |
| 5175 | Cent. | — | 8194 | .. | 18716 | 41.2 | −49 45 | 6.06 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 04 | 7. | A3 | A3 |
| 5176 | Cent. | — | 8198 | 4653 | 18720 | 41.4 | −49 50 | 5.50 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | 36 | .. | .. | .. | .. | 15 | 16. | K | K0 |
| 5177 | U. Maj. | — | 1683 | 2327 | .. | 41.6 | +56 24 | 6.39 | 13 | .. | .. | .. | .. | 02 | 14 | .. | .. | .. | 31 | 24b | .. | .. | 06 | 03 | F | F5 |
| 5178 | Virgo | — | 3639 | 2328 | 18736 | 41.9 | − 9 12 | 6.24 | 01 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 03 | .. | .. | .. | 01 | .. | K | K0 |
| 5179 | C.Venat. | — | 2424 | 2331 | .. | 42.0 | +41 36 | 5.69 | 11 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | 08 | 42b | .. | 24 | 21 | 57 | A | A3 |
| 5180 | C.Venat. | — | 2678 | 2330 | .. | 42.0 | +39 0 | 6.00 | 16 | .. | 17 | .. | .. | 02 | 01 | .. | .. | .. | .. | 08c | .. | .. | 20 | 76 | K | K0 |
| 5181 | Virgo | 87 | 3932 | 2329 | 18737 | 42.0 | −17 21 | 5.79 | 10 | .. | .. | 21 | .. | 11 | .. | R | 06 | .. | .. | .. | .. | .. | 04 | .. | Ma | Ma |
| 5182 | Bootes | 3 | 2494 | 2332 | .. | 42.1 | +26 12 | 5.91 | 08 | .. | .. | .. | .. | 01 | 09 | .. | 21 | .. | 12 | 25c | .. | .. | 06 | 36 | F5 | F5 |
| 5183 | Virgo | — | 2690 | .. | .. | 42.1 | + 6 51 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28b | .. | .. | .. | .. | F5 | B0 |
| 5184 | Camel. | — | 466 | 2336 | .. | 42.2 | +78 34 | 6.11 | 17 | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | 07c | .. | .. | 07 | 32 | K | K0 |
| 5185 | Bootes | τ 4 | 2782 | 2333 | .. | 42.5 | +17 57 | 4.51 | 01 | .. | .. | 04 | .. | 04 | .. | .. | 24 | .. | 07 | 23b | .. | .. | 01 | 72 | F5 | F5 |
| 5186 | C.Venat. | — | 2680 | 2334 | .. | 42.7 | +39 3 | 5.57 | 03 | .. | .. | .. | .. | 07 | 09 | .. | .. | .. | 20 | 02c | .. | .. | 07 | 87 | K | K0 |
| 5187 | U. Maj. | 84 | 1634 | 2337 | .. | 42.9 | +54 56 | 5.53 | 03 | .. | 02 | .. | .. | 01 | .. | .. | 35 | .. | 12 | 39b | .. | .. | 07 | 06 | Ap | A0p |
| 5188 | Cham. | — | 585 | 4665 | 18722 | 42.9 | −82 11 | 5.76 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | 22. | K | K2 |
| 5189 | Cent. | — | 9019 | 4668 | 18761 | 43.1 | −35 12 | 6.47 | .. | .. | .. | .. | 03 | .. | 13 | 15 | .. | .. | .. | .. | .. | .. | .. | 5. | F5 | B0 |
| 5190 | Cent. | ν | 8171 | 4672 | 18772 | 43.5 | −41 11 | 3.53 | .. | .. | .. | .. | 01 | 07 | 06 | 12 | .. | 02 | .. | .. | 02 | .. | 07 | 7. | B2 | B2 |
| 5191 | U. Maj. | η 85 | 2027 | 2338 | .. | 43.6 | +49 49 | 1.91 | 11 | .. | 09 | .. | .. | 03 | .. | .. | 14 | 05 | 14 | 35a | .. | .. | 37 | R | B3 | B3 |
| 5192 | Cent. | g 2 | 9358 | 4675 | 18779 | 43.6 | −33 58 | 4.40 | .. | 29 | .. | .. | 12 | 16 | 07 | 07 | R | 13 | .. | .. | 15 | .. | 40 | 18. | Mb | Mb |
| 5193 | Cent. | μ | 8172 | 4676 | 18773 | 43.6 | −41 59 | 3.32 | .. | .. | .. | .. | 01 | 20 | 04 | 21 | .. | 20 | .. | .. | 02 | .. | 07 | 9. | B2p | B2p |
| 5194 | Circinus | — | 2014 | .. | 18774 | 44.0 | −68 55 | 5.74 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 23. | K | K2 |
| 5195 | C.Venat. | — | 2547 | 2340 | .. | 44.2 | +31 41 | 5.81 | 01 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 05 | 01b | .. | .. | 09 | 57 | G | K0 |
| 5196 | Virgo | 89 | 3937 | 2341 | 18793 | 44.4 | −17 38 | 5.11 | 13 | .. | .. | .. | .. | 02 | .. | 15 | 09 | .. | .. | .. | .. | .. | 04 | 57 | K | K0 |
| 5197 | *Hydra* | — | 10277 | 2342 | 18792 | 44.4 | −28 35 | 6.10 | 10 | .. | .. | 17 | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 3. | A | B9 |
| 5198 | Cent. | — | 8501 | .. | 18789 | 44.4 | −39 25 | 6.54 | .. | .. | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | .. | .. | .. | .. | 9. | K | K0 |
| 5199 | C.Venat. | R | 2694 | .. | .. | 44.6 | +40 2 | var. | .. | .. | .. | V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md | Md |
| 5200 | Bootes | υ 5 | 2564 | 2343 | .. | 44.6 | +16 17 | 4.28 | 17 | .. | .. | 03 | .. | 01 | 11 | .. | 08 | .. | 37 | 21d | .. | .. | 08 | 136 | K5 | K5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**13h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 5201 | Bootes | e 6 | 2578 | 2344 | .. | 45.0 | +21 46 | 5.06 | 08 | .. | .. | .. | .. | 01 | 06 | .. | 01 | .. | 13 | 12d | .. | .. | 16 | 89 | K 5 | K0 |
| 5202 | Virgo | — | 3754 | .. | 18807 | 45.0 | −19 24 | 6.31 | .. | .. | 06 | .. | .. | 08 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | 7. | F 5 | F8 |
| 5203 | Camel. | — | 397 | 2345 | .. | 45.1 | +83 15 | 6.16 | 13 | .. | 07 | .. | .. | 06 | .. | .. | .. | .. | 06 | 09c | .. | 22 | 01 | 20 | G 5 | G5 |
| 5204 | C.Venat. | — | 2457 | .. | .. | 45.4 | +37 6 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 37a | .. | .. | .. | 13 | A | A2 |
| 5205 | Virgo | — | 2800 | .. | .. | 45.4 | + 5 59 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09d | .. | .. | .. | .. | G | K0 |
| 5206 | Cent. | — | 8909 | 4685 | 18819 | 45.6 | −46 25 | 5.87 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | 18 | .. | 07 | 6. | B 3 | B3 |
| 5207 | Cent. | N | 6787 | 4686 | 18817 | 45.6 | −52 19 | 5.42 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | 11 | .. | .. | 27 | .. | 07 | 3. | B 8 | B8 |
| 5208 | Cent. | — | 9054 | .. | 18826 | 45.8 | −35 57 | 6.52 | .. | .. | .. | .. | .. | .. | 07 | 08 | .. | .. | .. | .. | .. | .. | .. | 3. | F 2 | G0 |
| 5209 | Hydra | — | 11329 | .. | 18830 | 45.9 | −23 54 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 3. | F 8 | G0 |
| 5210 | Cent. | k 3 | 9676 | 4690 | 18833 | 46.0 | −32 30 | 4.72 | .. | 13 | .. | .. | 12 | .. | 21 | 20 | 13 | 19 | .. | .. | 23 | .. | 08 | 4. | B 5 | B5 |
| 5211 | Cent. | | | | | 46.0 | −32 30 | 6.17 | | | | | | | | | | | | | | | | | | |
| 5212 | Cent. | — | 10706 | .. | 18839 | 46.3 | −31 8 | 6.20 | .. | .. | .. | .. | .. | .. | 07 | 08 | .. | .. | .. | .. | .. | .. | .. | 6. | F 8 | F8 |
| 5213 | Draco | — | 1318 | 2348 | .. | 46.5 | +61 59 | 6.05 | 04 | 00 | .. | R | .. | 03 | 02 | .. | .. | .. | 01 | 17c | .. | 16 | 05 | 42 | K | K0 |
| 5214 | C.Venat. | — | 2492 | 2346 | .. | 46.7 | +35 16 | 6.57 | 20 | .. | 20 | .. | .. | 00 | .. | .. | .. | .. | 58 | 44a | .. | .. | 40 | 18 | A | A2 |
| 5215 | C.Venat. | — | 2493 | 2347 | .. | 46.7 | +35 10 | 6.00 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 35 | 10d | .. | .. | | 61 | Ma | Ma |
| 5216 | U. Maj. | — | 1533 | 2350 | .. | 47.1 | +59 2 | 6.36 | 03 | .. | 05 | .. | .. | 07 | .. | .. | .. | .. | 17 | 30b | .. | .. | 21 | 11 | A | A0 |
| 5217 | Cent. | — | 6805 | 4697 | 18849 | 47.2 | −52 53 | 6.06 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | 35 | .. | .. | 51 | .. | 06 | 6. | B 5 | B5 |
| 5218 | Circinus | — | 2426 | .. | 18847 | 47.2 | −67 10 | 5.68 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 24. | K | K0 |
| 5219 | C.Venat. | — | 2496 | 2352 | .. | 47.4 | +34 57 | 4.96 | 02 | .. | 04 | .. | .. | 07 | .. | .. | .. | .. | 23 | 06d | .. | .. | 41 | 115 | Ma | Ma |
| 5220 | Bootes | — | 2635 | 2351 | .. | 47.4 | +12 40 | 5.99 | 14 | .. | .. | .. | .. | 08 | 07 | .. | .. | .. | 03 | 44b | .. | 24 | 06 | 18 | A | A2 |
| 5221 | Cent. | h 4 | 10729 | 4701 | 18855 | 47.5 | −31 26 | 4.76 | 10 | 04 | .. | .. | 12 | 10 | 06 | 07 | 36 | 34 | .. | .. | 24 | .. | 16 | 3. | B 5 | B5 |
| 5222 | Cent. | y | 9090 | 4704 | 18863 | 47.7 | −35 11 | 5.64 | .. | 07 | .. | .. | 08 | 07 | 03 | 03 | .. | 71 | .. | .. | 06 | .. | 06 | 10. | F | F2 |
| 5223 | Cent. | — | 8931 | .. | 18859 | 47.7 | −46 39 | 5.94 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | B 3 p | B5p |
| 5224 | Cent. | — | 9223 | 4708 | 18871 | 48.1 | −34 50 | 6.27 | .. | .. | .. | .. | 07 | .. | 05 | 13 | .. | .. | .. | .. | .. | .. | .. | 7. | K | K0 |
| 5225 | Bootes | 7 | 2795 | 2353 | .. | 48.4 | +18 25 | 5.71 | 06 | .. | .. | .. | .. | 06 | .. | .. | 28 | .. | .. | 16c | .. | .. | 10 | 49 | G | K0 |
| 5226 | Draco | i 10 | 963 | 2356 | .. | 48.5 | +65 13 | 4.77 | 06 | 00 | .. | .. | .. | 06 | 01 | .. | 04 | .. | .. | 01d | .. | 10 | 33 | 128 | Ma | Ma |
| 5227 | Draco | — | 724 | 2357 | .. | 48.6 | +68 49 | 6.44 | 07 | .. | 10 | .. | .. | 03 | 01 | .. | .. | .. | .. | 13d | .. | .. | 24 | 43 | K | K0 |
| 5228 | Hydra | — | 9478 | 2354 | 18890 | 48.6 | −28 4 | 6.30 | 25 | .. | .. | 09 | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | 35 | 11. | G 5 | K0 |
| 5229 | C.Venat. | — | 2464 | 2355 | .. | 48.7 | +29 8 | 5.84 | 05 | .. | 07 | .. | .. | 11 | 11 | .. | .. | .. | 26 | 30b | .. | .. | 09 | 05 | A | A5 |
| 5230 | Cent. | — | 7832 | 4714 | 18887 | 48.8 | −51 41 | 5.84 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 13 | .. | .. | 59 | .. | 14 | 3. | B 8 | B8 |
| 5231 | Cent. | ζ | 8949 | 4715 | 18897 | 49.3 | −46 48 | 3.06 | .. | .. | .. | .. | 25 | 50 | .. | 25 | .. | 32 | .. | .. | 31 | .. | 24 | 5. | B 2 p | B2p |
| 5232 | Virgo | p 90 | 2758 | 2358 | 18910 | 49.6 | − 1 0 | 5.30 | 03 | .. | 07 | 15 | .. | 05 | 02 | 10 | 00 | .. | 09 | .. | .. | .. | 05 | 71 | K | K0 |
| 5233 | Virgo | — | 3728 | 2359 | 18914 | 49.7 | − 7 33 | 6.20 | 16 | .. | .. | .. | .. | 05 | 11 | .. | .. | .. | 38 | .. | .. | .. | 30 | 13 | F | F8 |
| 5234 | Cent. | — | 5805 | .. | 18904 | 49.7 | −53 38 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 76 | .. | .. | 5. | A 2 | A2 |
| 5235 | Bootes | η 8 | 2725 | 2360 | .. | 49.9 | +18 54 | 2.80 | 09 | .. | .. | 08 | .. | 00 | .. | .. | 20 | 07 | 06 | 28b | .. | .. | 00 | 99 | G | G0 |
| 5236 | Cent. | — | 5806 | .. | 18911 | 49.9 | −54 12 | 6.07 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 37 | .. | .. | 13. | G | G0 |
| 5237 | Cent. | — | 11015 | .. | 18918 | 50.0 | −30 47 | 6.47 | .. | .. | .. | .. | .. | .. | 09 | 09 | .. | .. | .. | .. | .. | .. | .. | 11. | K | K0 |
| 5238 | U. Maj. | 86 | 1630 | 2362 | .. | 50.1 | +54 13 | 5.65 | 12 | .. | .. | .. | .. | 07 | 06 | .. | 25 | .. | 02 | 32b | .. | .. | 05 | 18 | A 2 | A0 |
| 5239 | Cent. | — | 8815 | .. | 18919 | 50.1 | −46 6 | 5.88 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | G 2 | K0 |
| 5240 | Apus | — | 922 | .. | 18896 | 50.2 | −78 7 | 6.20 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 60 | .. | .. | 2. | A | A0 |
| 5241 | Cent. | — | 3070 | 4724 | 18920 | 50.4 | −63 11 | 4.68 | .. | .. | .. | .. | 08 | .. | .. | 09 | .. | 26 | .. | .. | 72 | .. | 07 | 23. | K | K0 |
| 5242 | Circinus | — | 2553 | 4727 | 18931 | 51.0 | −65 18 | 6.22 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | 18. | K | K0 |
| 5243 | Bootes | — | 2680 | .. | .. | 51.1 | +14 34 | 6.15 | .. | .. | 06 | .. | .. | 11 | 16 | .. | .. | .. | .. | 23b | .. | .. | .. | 04 | F | F5 |
| 5244 | Virgo | 92 | 2865 | 2364 | .. | 51.4 | + 1 32 | 5.94 | 05 | .. | .. | .. | .. | 06 | .. | .. | 24 | .. | 03 | 20b | .. | .. | 14 | 19 | A | A3 |
| 5245 | C.Venat. | — | 2411 | 2363 | .. | 51.8 | +32 31 | 6.29 | 15 | .. | .. | .. | .. | 16 | 01 | .. | .. | .. | 35 | 23b | .. | .. | 01 | 20 | F | F2 |
| 5246 | Hydra | — | 3687 | .. | 18955 | 51.9 | −22 32 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11. | K | K0 |
| 5247 | Bootes | 9 | 2278 | 2365 | .. | 52.0 | +27 59 | 5.18 | 04 | .. | .. | 15 | .. | 01 | 11 | .. | 08 | .. | 21 | 06b | .. | .. | 08 | 88 | K | K0 |
| 5248 | Cent. | φ | 8329 | 4731 | 18960 | 52.2 | −41 36 | 4.05 | .. | .. | .. | .. | 01 | 01 | 00 | 01 | .. | 10 | .. | .. | 05 | .. | 03 | 3. | B 3 | B3 |
| 5249 | Cent. | υ¹ | 9010 | 4732 | 18968 | 52.5 | −44 19 | 4.17 | .. | .. | .. | .. | 12 | 07 | 13 | 09 | .. | 04 | .. | .. | 27 | .. | 15 | 1. | B 3 | B3 |
| 5250 | Hydra | 47 | 11202 | 2366 | 18981 | 52.9 | −24 29 | 5.17 | 08 | .. | .. | 09 | .. | 01 | .. | .. | 07 | .. | .. | .. | .. | .. | 08 | 06 | B 8 | B8 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**13h—14h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 5251 | Cent. | — | 8356 | 4736 | 18973 | 52.9 | −49 53 | 6.09 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 5252 | Cent. | — | 5135 | .. | 18979 | 53.2 | −60 59 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | F | F2 |
| 5253 | Circinus | — | 2573 | .. | 18980 | 53.4 | −65 47 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | A 5 | A5 |
| 5254 | Bootes | — | 2651 | 2367 | .. | 53.8 | +15 8 | 6.02 | 43 | .. | 02 | .. | .. | 18 | 21 | .. | .. | .. | 37 | 12d | .. | .. | 24 | 32 | K | K0 |
| 5255 | Bootes | 10 | 2650 | 2368 | .. | 53.9 | +22 11 | 5.42 | 14 | .. | .. | .. | .. | 15 | .. | .. | 28 | .. | 18 | 63a | .. | 46 | 12 | 09 | A | A0 |
| 5256 | Draco | — | 1325 | 2370 | .. | 54.4 | +61 59 | 6.40 | 28 | .. | .. | .. | .. | 17 | 10 | .. | .. | .. | 08 | 26c | .. | .. | 00 | 44 | G 5 | K5 |
| 5257 | Hydra | 48 | 11215 | 2369 | 19005 | 54.4 | −24 31 | 5.80 | 09 | .. | .. | 11 | .. | 03 | .. | .. | 10 | .. | .. | .. | .. | .. | 11 | 54 | F | F0 |
| 5258 | Virgo | — | 3768 | .. | 19016 | 54.6 | − 3 3 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F 2 | F5 |
| 5259 | Cent. | — | 8628 | .. | 19024 | 55.3 | −39 44 | 6.28 | .. | .. | .. | .. | .. | .. | 00 | 00 | .. | .. | .. | .. | .. | .. | .. | 13. | K | K0 |
| 5260 | Cent. | $\upsilon^2$ | 9040 | 4748 | 19027 | 55.4 | −45 7 | 4.39 | .. | .. | .. | .. | 11 | 16 | .. | 06 | .. | 18 | .. | .. | 19 | .. | 08 | 12. | F 5 | F5 |
| 5261 | Apus | $\theta$ | 799 | 4749 | 19014 | 55.6 | −76 19 | var. | .. | .. | .. | .. | V | .. | .. | V | .. | .. | .. | .. | V | .. | V | V | Mc | Mb |
| 5262 | Bootes | — | 2835 | 2372 | .. | 56.4 | + 9 22 | 5.88 | 01 | .. | 06 | 04 | .. | 05 | 06 | .. | .. | .. | 12 | 36a | .. | .. | 08 | 08 | A | A2 |
| 5263 | Bootes | 11 | 2287 | 2375 | .. | 56.6 | +27 52 | 6.12 | 01 | .. | .. | .. | .. | 01 | .. | .. | 17 | .. | 06 | 32a | .. | .. | 02 | 01 | A | A3 |
| 5264 | Virgo | $\tau$ 93 | 2761 | 2373 | .. | 56.6 | + 2 2 | 4.34 | 02 | .. | .. | 07 | .. | 02 | 08 | .. | 36 | .. | 05 | 16b | .. | 09 | 11 | 31 | A 2 | A2 |
| 5265 | Hydra | — | 10060 | 2374 | 19046 | 56.7 | −26 57 | 5.74 | 03 | .. | .. | 16 | .. | 17 | 00 | R | .. | .. | .. | .. | .. | .. | 04 | 13. | K | K0 |
| 5266 | Cent. | — | 5846 | .. | 19042 | 56.7 | −55 44 | 5.91 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 11 | .. | .. | 13. | G 5 | K0 |
| 5267 | Cent. | $\beta$ | 5365 | 4753 | 19043 | 56.8 | −59 53 | 0.86 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | 13 | .. | .. | 26 | .. | 09 | 16. | B 1 | B1 |
| 5268 | Cent. | — | 10859 | .. | 19054 | 57.2 | −31 12 | 6.32 | .. | .. | .. | .. | .. | .. | 00 | 01 | .. | .. | .. | .. | .. | .. | .. | 11. | F 2 | F5 |
| 5269 | Cent. | — | 8373 | .. | 19057 | 57.4 | −40 56 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | A | A0 |
| 5270 | Bootes | — | 2617 | .. | .. | 57.6 | +10 11 | 6.12 | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | .. | 30c | .. | .. | .. | .. | F | B0 |
| 5271 | C.Venat. | — | 1922 | 2376 | .. | 58.2 | +46 15 | 6.46 | 04 | .. | .. | .. | .. | 06 | 02 | .. | .. | .. | 03 | 08d | .. | .. | 16 | .. | K | K5 |
| 5272 | Virgo | — | 3824 | .. | 19077 | 58.3 | −21 56 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 20 | F | F2 |
| 5273 | Bootes | — | 2625 | .. | .. | 58.6 | +11 16 | 6.43 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 05c | .. | .. | .. | 26 | A | B5 |
| 5274 | Bootes | — | 2810 | .. | .. | 58.6 | + 8 1 | 6.35 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14c | .. | .. | .. | .. | G | K0 |
| 5275 | Virgo | — | 2836 | .. | .. | 58.9 | + 5 23 | 6.28 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14b | .. | .. | .. | 06 | F | F2 |
| 5276 | Virgo | — | 3614 | .. | 19090 | 59.0 | − 4 54 | 6.72 | .. | .. | 23 | .. | .. | .. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 5277 | Virgo | — | 3863 | .. | 19089 | 59.1 | −14 29 | 6.36 | .. | .. | 01 | .. | .. | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 5278 | Cent. | — | 5887 | .. | 19084 | 59.1 | −54 11 | 6.30 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 65 | .. | .. | 9. | A 5 | A3 |
| 5279 | Apus | — | 1142 | .. | 19078 | 59.2 | −74 22 | 6.03 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | F 8 | B0 |
| 5280 | Bootes | — | 1889 | 2377 | .. | 59.3 | +51 27 | 6.05 | 12 | .. | .. | .. | .. | 15 | 02 | .. | .. | .. | .. | 41b | .. | .. | 05 | 22 | A | A0 |
| 5281 | Cent. | — | 5395 | .. | 19087 | 59.3 | −59 14 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | A | B0 |
| 5282 | U. Min. | — | 733 | .. | .. | 59.6 | +69 10 | 6.42 | .. | .. | 08 | .. | .. | .. | 09 | .. | .. | .. | .. | 03d | .. | .. | .. | 04 | A | K5 |
| 5283 | Virgo | — | 2768 | .. | .. | 59.6 | + 2 47 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 01c | .. | .. | .. | .. | G | K0 |
| 5284 | Virgo | — | 3805 | .. | 19108 | 59.8 | −15 51 | 6.44 | .. | .. | 09 | .. | .. | .. | 09 | .. | .. | .. | .. | .. | .. | .. | .. | 24 | A | A2 |
| 5285 | Cent. | $\chi$ | 8405 | 4772 | 19107 | 59.9 | −40 42 | 4.54 | .. | .. | .. | .. | 05 | 09 | 11 | 16 | .. | 18 | .. | .. | 21 | .. | 04 | 2. | B 3 | B3 |
| 5286 | Cent. | — | 9027 | .. | 19111 | 0.0 | −42 36 | 6.27 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | G 5 | K0 |
| 5287 | Hydra | $\pi$ 49 | 10095 | 2378 | 19128 | 0.7 | −26 12 | 3.48 | 03 | .. | .. | 13 | .. | 04 | .. | 13 | 07 | 18 | .. | .. | .. | .. | 01 | 134 | K | K0 |
| 5288 | Cent. | $\theta$ 5 | 9260 | 4775 | 19129 | 0.8 | −35 53 | 2.26 | 53 | 48 | .. | .. | 07 | 08 | 08 | 03 | R | 03 | .. | .. | 11 | .. | 01 | 11. | K | K0 |
| 5289 | Cent. | — | 3941 | .. | 19122 | 0.8 | −62 44 | 6.49 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | K | K0 |
| 5290 | Virgo | 95 | 3697 | 2380 | 19152 | 1.4 | − 8 50 | 5.53 | 19 | .. | .. | .. | .. | 22 | 13 | 16 | 22 | .. | 32 | .. | .. | .. | 22 | 25 | A | F5 |
| 5291 | Draco | $\alpha$ 11 | 978 | 2381 | .. | 1.7 | +64 51 | 3.64 | 01 | .. | 14 | .. | .. | 15 | 02 | .. | 16 | .. | 08 | 20a | .. | .. | 06 | 34 | A | A0 |
| 5292 | Cent. | — | 5383 | .. | 19155 | 1.8 | −58 48 | 6.43 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | B 8 | B5 |
| 5293 | Circinus | — | 2012 | 4791 | 19154 | 2.1 | −69 50 | 6.04 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | 25. | K | K0 |
| 5294 | Cent. | — | 9065 | .. | 19171 | 2.6 | −42 59 | 6.35 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | A | B9 |
| 5295 | Circinus | — | 2014 | .. | 19164 | 2.8 | −69 15 | 6.24 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | A 5 | A3 |
| 5296 | Cent. | — | 8294 | .. | 19175 | 3.0 | −51 2 | 6.16 | .. | .. | .. | .. | .. | .. | .. | A | .. | 42 | .. | .. | .. | .. | .. | 34. | A | B9 |
| 5297 | Cent. | — | 7028 | 4798 | 19179 | 3.3 | −52 57 | 4.78 | .. | .. | .. | .. | 05 | .. | .. | 04 | .. | 16 | .. | .. | .. | .. | 00 | 21. | K | K0 |
| 5298 | Virgo | 96 | 3865 | .. | 19191 | 3.7 | − 9 51 | 6.48 | .. | .. | 12 | 08 | .. | .. | 04 | .. | 15 | .. | .. | .. | .. | .. | .. | .. | K | B5 |
| 5299 | Bootes | — | 2325 | 2382 | .. | 3.9 | +44 20 | 5.44 | 03 | .. | .. | .. | .. | 07 | 04 | .. | .. | .. | 03 | 05d | .. | .. | 14 | 104 | Mb | Mb |
| 5300 | Bootes | 13 | 2047 | 2383 | .. | 4.6 | +49 56 | 5.44 | 04 | .. | 03 | 04 | .. | 04 | .. | .. | 06 | .. | 24 | 04d | .. | .. | 16 | 106 | Mb | Ma |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**14h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 5301 | Virgo | — | 3817 | 2384 | 19222 | 5.4 | −15 50 | 5.10 | 15 | .. | 28 | 28 | .. | 15 | .. | 30 | .. | .. | .. | .. | .. | .. | 20 | 120 | Ma |
| 5302 | Draco | — | 1516 | 2386 | .. | 5.7 | +59 48 | 6.50 | 07 | .. | 04 | .. | .. | 10 | .. | .. | .. | .. | .. | 17b | .. | .. | 00 | 36 | K |
| 5303 | Apus | η | 706 | 4806 | 19197 | 5.7 | −80 32 | 4.97 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | 03 | .. | 05 | 15. | A 1 |
| 5304 | Bootes | d 12 | 2737 | 2385 | .. | 5.8 | +25 34 | 4.82 | 02 | .. | .. | 04 | .. | 05 | .. | .. | 13 | .. | 01 | 30b | .. | .. | 03 | 42 | F 5 |
| 5305 | U. Min. | 3 | 529 | .. | .. | 6.2 | +75 4 | 6.29 | .. | .. | 03 | 00 | .. | .. | 04 | .. | 49 | .. | .. | 31b | .. | 23 | .. | 28 | A |
| 5306 | Apus | — | 940 | .. | 19218 | 6.3 | −77 12 | 6.24 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | K 5 |
| 5307 | Virgo | — | 2783 | .. | .. | 6.5 | + 1 50 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32b | .. | .. | .. | 22 | F 2 |
| 5308 | Cent. | — | 5912 | 4813 | 19242 | 6.6 | −53 12 | 5.48 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | 77 | .. | .. | .. | .. | 07 | 16. | G 2 |
| 5309 | Hydra | — | 11551 | .. | 19250 | 6.7 | −23 53 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 10. | K |
| 5310 | Bootes | — | 2443 | .. | .. | 6.9 | +32 45 | 6.24 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13c | .. | .. | .. | 45 | K |
| 5311 | Cent. | — | 5933 | .. | 19246 | 6.9 | −54 9 | 6.23 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 28 | 10. | A 5 |
| 5312 | Hydra | 50 | 10158 | 2387 | 19253 | 7.0 | −26 47 | 5.25 | 08 | .. | .. | 11 | .. | 07 | .. | 11 | 05 | .. | .. | .. | .. | .. | 00 | 16. | G 5 |
| 5313 | Virgo | — | 2867 | 2388 | .. | 7.2 | + 2 53 | 4.90 | 07 | .. | .. | .. | .. | 11 | 03 | .. | .. | .. | 54 | 38b | .. | .. | 08 | 02 | A p |
| 5314 | Hydra | — | 10163 | 2389 | 19269 | 7.5 | −26 8 | 6.28 | 01 | .. | .. | 06 | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | 17 | 8. | G 5 |
| 5315 | Virgo | κ 98 | 3878 | 2390 | 19272 | 7.6 | − 9 48 | 4.31 | 02 | .. | 02 | 19 | .. | 01 | .. | 13 | 29 | 15 | 22 | .. | .. | .. | 07 | 106 | K |
| 5316 | Cent. | — | 6206 | 4820 | 19273 | 8.0 | −56 37 | 5.20 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | 04 | .. | .. | 10 | .. | 02 | 2. | B 3 p |
| 5317 | Virgo | — | 2796 | .. | 19285 | 8.5 | − 0 22 | 5.81 | .. | .. | 03 | .. | .. | 07 | .. | 09 | .. | .. | .. | .. | .. | .. | .. | 33 | F 2 |
| 5318 | Cent. | — | 8589 | .. | 19283 | 8.5 | −41 22 | 5.82 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K |
| 5319 | Cent. | — | 7087 | .. | 19282 | 8.6 | −53 2 | 6.30 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K |
| 5320 | Circinus | — | 2490 | 4822 | 19280 | 8.7 | −66 7 | 5.88 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 04 | 2. | B 3 |
| 5321 | U. Min. | 4 | 478 | 2396 | .. | 9.2 | +78 1 | 5.00 | 12 | .. | .. | .. | .. | 06 | 06 | .. | 00 | .. | 01 | 06d | .. | .. | 05 | 94 | K |
| 5322 | Virgo | — | 3837 | .. | 19301 | 9.2 | − 5 29 | 6.29 | .. | .. | 04 | .. | .. | 11 | 06 | .. | .. | .. | .. | .. | .. | .. | .. | .. | F 5 |
| 5323 | Bootes | 14 | 2764 | 2392 | .. | 9.3 | +13 26 | 5.54 | 08 | .. | .. | 02 | .. | 00 | 05 | .. | 09 | .. | 12 | 19b | .. | .. | 04 | 34 | F |
| 5324 | Hydra | — | 10528 | 2391 | 19299 | 9.3 | −28 49 | 6.03 | 05 | .. | .. | 02 | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | 03 | 23 | A 2 |
| 5325 | Cent. | — | 9181 | .. | 19297 | 9.3 | −44 32 | 6.37 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | G |
| 5326 | Cent. | R | 5476 | 4826 | 19295 | 9.4 | −59 27 | var. | .. | .. | .. | .. | V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | V | Md |
| 5327 | Apus | — | 601 | 4828 | 19271 | 9.6 | −82 23 | 6.37 | .. | .. | .. | .. | R | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | B 8 |
| 5328 | Bootes | κ 17 | 1782 | 2395 | .. | 9.9 | +52 16 | 6.61 | 00 | .. | .. | .. | .. | 04 | 04 | .. | 06 | .. | 12 | 22c | .. | .. | 01 | 25 | A 5 |
| 5329 | Bootes | | | | | 9.9 | +52 16 | 4.60 | | | | | | | | | | | | | | | | | |
| 5330 | Bootes | 15 | 2654 | 2394 | .. | 9.9 | +10 35 | 5.36 | 13 | .. | .. | 07 | .. | 06 | 01 | .. | 04 | .. | 09 | 11c | .. | .. | 06 | 64 | K |
| 5331 | Virgo | — | 2841 | .. | .. | 9.9 | + 3 47 | 6.60 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13d | .. | .. | .. | .. | Mb |
| 5332 | Virgo | — | 4046 | 2393 | 19312 | 9.9 | −17 44 | 5.58 | 09 | .. | .. | .. | .. | 12 | .. | 20 | .. | .. | .. | .. | .. | .. | 08 | 19 | B 9 |
| 5333 | Bootes | — | 2678 | .. | .. | 10.1 | +22 21 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17b | .. | .. | .. | 10 | A |
| 5334 | U. Min. | — | 778 | 2399 | .. | 10.2 | +69 54 | 5.36 | 08 | 04 | R | R | .. | 07 | 04 | .. | .. | .. | 07 | 08d | .. | 14 | 13 | 113 | Ma |
| 5335 | Bootes | — | 2472 | 2397 | .. | 10.3 | +42 0 | 6.22 | 18 | .. | .. | .. | .. | 01 | 17 | .. | .. | .. | 01 | 18d | .. | .. | 27 | 49 | K 5 |
| 5336 | Apus | ε | 755 | 4832 | 19289 | 10.3 | −79 39 | 5.20 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | 20 | .. | 10 | 0. | A |
| 5337 | Cent. | — | 9982 | .. | 19315 | 10.4 | −32 47 | 6.56 | .. | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | .. | .. | .. | 8. | A 8 |
| 5338 | Virgo | ι 99 | 3843 | 2398 | 19324 | 10.8 | − 5 31 | 4.16 | 07 | .. | 02 | .. | .. | 01 | .. | 10 | 34 | 09 | 22 | .. | .. | .. | 01 | 57 | F 5 |
| 5339 | Octans | δ | 557 | 4837 | 19284 | 10.9 | −83 13 | 4.14 | .. | .. | .. | .. | 04 | .. | .. | 05 | .. | .. | .. | .. | 36 | .. | 06 | 23. | K 2 |
| 5340 | Bootes | α 16 | 2777 | 2400 | .. | 11.1 | +19 42 | 0.24 | 21 | .. | 38 | .. | .. | 17 | .. | .. | 24 | 17 | 07 | 00c | .. | .. | 16 | R | K |
| 5341 | Virgo | — | 3845 | .. | 19326 | 11.2 | − 6 9 | 6.24 | .. | .. | 05 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | A |
| 5342 | Virgo | — | 3812 | 2401 | 19330 | 11.3 | − 2 44 | 6.03 | 04 | .. | .. | .. | .. | 02 | 03 | .. | .. | .. | 01 | .. | .. | .. | 04 | 05 | A |
| 5343 | Bootes | — | 2779 | .. | .. | 11.4 | +19 23 | 5.84 | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | .. | 42b | .. | .. | .. | 09 | A |
| 5344 | Virgo | — | 4053 | .. | 19332 | 11.6 | −18 7 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 |
| 5345 | Bootes | — | 1699 | .. | .. | 11.8 | +52 59 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30a | .. | .. | .. | 27 | A |
| 5346 | Bootes | — | 2954 | .. | .. | 11.9 | +20 35 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19b | .. | .. | .. | 11 | F |
| 5347 | Bootes | — | 2760 | 2402 | .. | 12.3 | +40 13 | 6.31 | 01 | .. | 06 | .. | .. | 08 | 03 | .. | .. | .. | 13 | 33b | .. | .. | 01 | 04 | F |
| 5348 | Cent. | — | 10005 | .. | 19347 | 12.5 | −32 45 | 6.48 | .. | .. | .. | .. | .. | .. | 13 | 14 | .. | .. | .. | .. | .. | .. | .. | 5. | A 8 |
| 5349 | Cent. | — | 5294 | 4843 | 19344 | 12.5 | −60 48 | 5.28 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | 14 | 10. | A 3 |
| 5350 | Bootes | ι 21 | 1784 | 2404 | .. | 12.6 | +51 50 | 4.78 | 01 | .. | .. | .. | .. | 02 | 03 | .. | 03 | .. | 15 | 20b | .. | .. | 01 | 31 | A 5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**14h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 5351 | Bootes | λ 19 | 1949 | 2403 | .. | 12.6 | +46 33 | 4.26 | 03 | .. | .. | .. | .. | 03 | .. | .. | 14 | 34 | 10 | 14b | .. | .. | 03 | 13 | A |
| 5352 | Bootes | 101 | 2690 | .. | .. | 12.7 | +15 44 | 6.05 | .. | .. | 01 | 04 | .. | 05 | .. | .. | 35 | .. | .. | 10e | .. | .. | .. | .. | K 5 p |
| 5353 | Virgo | — | 3964 | .. | 19353 | 12.7 | − 7 4 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G |
| 5354 | Lupus | ι | 9084 | 4845 | 19354 | 13.0 | −45 36 | 4.10 | .. | .. | .. | .. | 19 | 06 | 53 | 30 | .. | 38 | .. | .. | 55 | .. | 22 | 4. | B 3 |
| 5355 | Virgo | — | 3789 | .. | 19362 | 13.1 | −18 15 | 5.74 | .. | .. | .. | .. | .. | 01 | 00 | R | .. | .. | .. | .. | .. | .. | 16 | 02 | A |
| 5356 | Hydra | — | 10271 | 2407 | 19366 | 13.3 | −25 22 | 5.92 | 03 | .. | .. | 06 | 15 | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 07 | 22 | F |
| 5357 | Cent. | — | 9268 | .. | 19363 | 13.3 | −36 32 | 6.02 | .. | .. | .. | .. | .. | .. | 14 | 14 | .. | .. | .. | .. | .. | .. | .. | 10. | A |
| 5358 | Cent. | v | 5984 | 4848 | 19358 | 13.3 | −55 56 | 4.41 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | 11 | .. | .. | 14 | .. | 04 | 3. | B 5 |
| 5359 | Virgo | λ 100 | 4018 | 2408 | 19372 | 13.7 | −12 55 | 4.60 | 04 | .. | .. | .. | .. | 11 | .. | 14 | 10 | 30 | 10 | .. | .. | .. | 12 | 17 | A 2 |
| 5360 | Bootes | — | 1908 | .. | .. | 13.8 | +51 46 | 6.09 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 38b | .. | .. | .. | 05 | A |
| 5361 | Bootes | A | 2468 | 2409 | .. | 13.8 | +35 58 | 4.83 | 06 | .. | .. | .. | .. | 03 | 09 | .. | .. | .. | 15 | 15b | .. | .. | 08 | 76 | G 5 |
| 5362 | Lupus | — | 9235 | .. | 19371 | 13.9 | −42 36 | 5.71 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | G 2 |
| 5363 | Bootes | — | 2188 | .. | .. | 14.1 | +48 27 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30b | .. | .. | .. | 21 | F 7 |
| 5364 | Lupus | — | 9236 | 4853 | 19379 | 14.3 | −44 43 | 5.03 | .. | .. | .. | .. | 22 | 17 | R | 04 | .. | 26 | .. | .. | 07 | .. | 21 | 8. | F |
| 5365 | Bootes | 18 | 2782 | 2411 | .. | 14.4 | +13 28 | 5.31 | 08 | .. | .. | 09 | .. | 02 | .. | .. | 11 | .. | 07 | 28b | .. | 21 | 24 | 17 | F |
| 5366 | Virgo | υ 102 | 2938 | 2410 | 19392 | 14.4 | − 1 48 | 5.24 | 05 | .. | .. | .. | .. | 14 | 06 | 05 | 01 | .. | 24 | .. | .. | .. | 09 | 63 | K |
| 5367 | Cent. | ψ | 9336 | 4854 | 19387 | 14.5 | −37 26 | 4.17 | .. | 07 | .. | .. | 02 | 02 | 00 | 09 | .. | 21 | .. | .. | 48 | .. | 00 | 12. | A |
| 5368 | Virgo | — | 2913 | 2412 | .. | 14.6 | + 0 51 | 6.17 | 06 | .. | 07 | .. | .. | 02 | .. | .. | .. | .. | 14 | 26b | .. | .. | 12 | 13 | A |
| 5369 | Bootes | — | 2749 | .. | .. | 14.9 | +39 12 | 6.48 | .. | .. | 36 | .. | .. | 35 | .. | .. | .. | .. | .. | 56c | .. | .. | .. | .. | F 8 |
| 5370 | Bootes | 20 | 2637 | 2413 | .. | 15.1 | +16 46 | 4.97 | 11 | .. | .. | 07 | .. | 03 | .. | .. | 02 | .. | 32 | 11d | .. | .. | 13 | 105 | K |
| 5371 | Cent. | — | 6619 | 4858 | 19406 | 15.5 | −58 0 | 4.89 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | 16 | .. | .. | 31 | .. | 01 | 16. | G |
| 5372 | U. Maj. | — | 1678 | .. | .. | 15.6 | +55 20 | 6.52 | .. | .. | 04 | .. | .. | .. | 04 | .. | .. | .. | .. | 18b | .. | 10 | .. | 34 | A |
| 5373 | Bootes | — | 2750 | 2414 | .. | 15.7 | +39 15 | 5.98 | 04 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 21 | 49b | .. | 45 | 03 | 01 | A |
| 5374 | Bootes | — | 2605 | .. | .. | 15.8 | +30 53 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32b | .. | .. | .. | 06 | A |
| 5375 | Lupus | — | 9082 | .. | 19428 | 16.1 | −47 52 | 6.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | B |
| 5376 | Cent. | — | 9570 | 4864 | 19435 | 16.3 | −34 20 | 5.72 | .. | 02 | .. | .. | 14 | 10 | 16 | 12 | .. | .. | .. | .. | .. | 03 | 03 | 13. | A |
| 5377 | Lupus | — | 8501 | 4865 | 19437 | 16.7 | −50 19 | 6.03 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | 16. | K |
| 5378 | Cent. | a | 9329 | 4866 | 19445 | 16.8 | −39 3 | 4.55 | .. | 11 | .. | .. | 06 | 01 | 01 | 04 | .. | 14 | .. | .. | 50 | .. | 03 | 1. | B 5 |
| 5379 | Circinus | — | 2574 | 4867 | 19432 | 16.8 | −67 44 | 5.71 | .. | .. | .. | .. | 15 | .. | .. | 15 | .. | .. | .. | .. | 29 | .. | 01 | 12. | A 2 p |
| 5380 | Lupus | — | 7195 | .. | 19444 | 17.0 | −52 43 | 5.94 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K |
| 5381 | Hydra | k 51 | 9803 | 2417 | 19455 | 17.4 | −27 18 | 4.93 | 03 | .. | .. | 03 | .. | 12 | 23 | 04 | 13 | .. | .. | .. | .. | .. | 03 | 21. | K 2 |
| 5382 | Circinus | — | 2718 | .. | 19452 | 17.7 | −65 43 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | A 2 |
| 5383 | Libra | 2 | 3729 | 2418 | 19475 | 18.0 | −11 15 | 6.30 | 02 | .. | .. | .. | .. | 02 | .. | .. | 20 | .. | .. | .. | .. | .. | 14 | 29 | G 5 |
| 5384 | Virgo | — | 2920 | 2419 | .. | 18.1 | + 1 43 | 6.34 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 06 | 11b | .. | .. | 09 | 08 | G |
| 5385 | Bootes | — | 2882 | 2420 | .. | 18.5 | + 8 54 | 6.64 | 18 | .. | .. | .. | .. | 06 | 11 | .. | .. | .. | 42 | 13b | .. | .. | 13 | 14 | A |
| 5386 | Bootes | | | | | 18.5 | + 8 54 | 5.11 | | | | | | | | | | | | | | | | | |
| 5387 | Bootes | — | 2770 | 2421 | .. | 18.6 | +25 48 | 6.15 | 16 | .. | 16 | .. | .. | 00 | .. | .. | .. | .. | .. | 21b | .. | .. | 19 | 13 | A |
| 5388 | Bootes | — | 2857 | .. | .. | 19.0 | + 8 42 | 5.74 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 42b | .. | .. | .. | 05 | A |
| 5389 | Apus | — | 826 | .. | 19467 | 19.0 | −76 17 | 5.95 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K |
| 5390 | Libra | — | 11469 | 2422 | 19505 | 19.1 | −24 21 | 5.39 | 03 | .. | .. | 03 | .. | 01 | .. | 08 | .. | .. | .. | .. | .. | .. | 09 | 58 | G 5 |
| 5391 | Circinus | — | 2732 | 4877 | 19493 | 19.2 | −65 22 | 5.76 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | 21. | K 2 |
| 5392 | Bootes | — | 2875 | 2423 | .. | 19.3 | + 6 16 | 5.08 | 03 | .. | .. | 14 | .. | 16 | .. | .. | .. | .. | 17 | 32b | .. | 22 | 02 | 11 | A 3 |
| 5393 | Libra | — | 3736 | .. | 19509 | 19.3 | −11 13 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F |
| 5394 | Bootes | — | 2858 | .. | .. | 19.4 | + 8 33 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15d | .. | .. | .. | 54 | K |
| 5395 | Lupus | τ¹ | 9322 | 4879 | 19514 | 19.7 | −44 46 | 4.65 | .. | .. | .. | .. | 07 | 05 | .. | 12 | .. | 22 | .. | .. | 15 | .. | 03 | 2. | B 3 |
| 5396 | Lupus | τ² | 9323 | 4880 | 19515 | 19.8 | −44 56 | 4.49 | .. | .. | .. | .. | 14 | 17 | .. | 04 | .. | 29 | .. | .. | 11 | .. | 14 | 4. | F 5 |
| 5397 | Libra | — | 3880 | .. | 19522 | 19.9 | −19 31 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 43 | 75 | A |
| 5398 | Cent. | — | 8757 | .. | 19519 | 20.0 | −41 52 | 6.37 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K |
| 5399 | Hydra | — | 10280 | 2424 | 19525 | 20.1 | −26 24 | 6.62 | 28 | .. | .. | 19 | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 8. | G 5 |
| 5400 | Cent. | — | 8918 | .. | 19537 | 20.6 | −39 26 | 6.44 | .. | .. | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | 5. | A |

1908AnHar..50....1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**14h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 5401 | Lupus | — | 9188 | .. | 19540 | 20.8 | −45 41 | 5.88 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | A 3 | A3 |
| 5402 | Bootes | — | *2764* | .. | .. | 21.4 | +38 50 | 6.32 | .. | .. | 10 | .. | .. | .. | *10* | .. | .. | .. | .. | 12c | .. | .. | .. | .. | G 8 | K0 |
| 5403 | Cent. | — | 5549 | .. | 19555 | 21.4 | −58 45 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | A | A0 |
| 5404 | Bootes | θ 23 | 1804 | 2426 | .. | 21.8 | +52 19 | 4.06 | 19 | .. | .. | .. | .. | 01 | *20* | .. | 14 | .. | *04* | 32c | .. | .. | 14 | 73 | F 8 | F8 |
| 5405 | Bootes | f 22 | 2810 | 2425 | .. | 21.8 | +19 41 | 5.36 | 01 | .. | 09 | .. | .. | *02* | *08* | .. | *16* | .. | *21* | 40b | .. | .. | 04 | 09 | A 5 | A5 |
| 5406 | Virgo | 104 | 3880 | .. | 19576 | 22.1 | − 5 40 | 6.16 | .. | .. | 09 | *01* | .. | *08* | .. | .. | 04 | .. | .. | .. | .. | 10 | .. | *43* | A | A0 |
| 5407 | Hydra | l 52 | *10712* | 2427 | 19577 | 22.4 | −29 3 | 5.00 | 01 | .. | .. | *06* | .. | *19* | *06* | 32 | 00 | .. | .. | .. | .. | .. | *10* | 64 | B 8 | B8 |
| 5408 | Circinus | — | 2595 | .. | 19578 | 22.9 | −67 16 | 5.76 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 24 | .. | 14 | 18. | K | K0 |
| 5409 | Virgo | φ105 | 2957 | 2428 | 19591 | 23.0 | − 1 47 | 4.97 | *08* | .. | .. | .. | .. | 04 | .. | 04 | 06 | .. | *10* | .. | .. | .. | *09* | 53 | K | K0 |
| 5410 | Virgo | 106 | 4009 | 2429 | 19599 | 23.4 | − 6 27 | 5.74 | 20 | .. | .. | .. | .. | *13* | *08* | R | *04* | .. | 28 | .. | .. | .. | 46 | 68 | K | K5 |
| 5411 | Bootes | — | 2504 | .. | .. | 23.5 | +41 28 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32b | .. | .. | .. | 16 | F | F0 |
| 5412 | Lupus | — | 9383 | *4896* | 19598 | 23.7 | −44 53 | 5.49 | .. | .. | .. | .. | 12 | *37* | R | 25 | .. | .. | .. | .. | *24* | .. | 11 | 4. | B 9 | B9 |
| 5413 | Lupus | — | *9098* | *4897* | 19597 | 23.7 | −49 4 | 5.52 | .. | .. | .. | .. | 02 | .. | .. | *03* | .. | .. | .. | .. | 08 | .. | *07* | 3. | A 2 | A2 |
| 5414 | Bootes | — | 2331 | .. | .. | 24.1 | +28 44 | 7.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 54a | .. | .. | .. | *16* | A | A0 |
| 5415 | Bootes | — | 2332 | .. | .. | 24.2 | +28 44 | 6.95 | | | | | | | | | | | | 53a | | | | | | A0 |
| 5416 | Bootes | — | 2495 | .. | .. | 24.2 | +36 39 | 6.19 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17c | .. | .. | .. | .. | G 5 | K0 |
| 5417 | Cent. | — | 8729 | *4911* | 19624 | 24.7 | −40 24 | 6.30 | .. | .. | .. | .. | 02 | .. | .. | *02* | .. | .. | .. | .. | .. | .. | .. | 15. | K | K2 |
| 5418 | Virgo | — | 2941 | 2430 | .. | 24.8 | + 1 16 | 5.80 | *04* | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 20 | 44b | .. | .. | 03 | *23* | A | A3 |
| 5419 | Cent. | — | 9430 | .. | 19637 | 24.9 | −38 26 | 6.02 | .. | .. | .. | .. | .. | .. | 05 | *05* | .. | .. | .. | .. | .. | .. | .. | 16. | K | K0 |
| 5420 | Bootes | g 24 | 2084 | 2432 | .. | 25.2 | +50 18 | 5.61 | 03 | .. | .. | .. | .. | 06 | *09* | .. | *01* | .. | 06 | 13c | .. | .. | *01* | 70 | G 5 | G0 |
| 5421 | Cent. | V | 6296 | .. | 19641 | 25.4 | −56 27 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | G 5 | F5(max) G5(min) |
| 5422 | Bootes | — | 2482 | .. | .. | 25.5 | +32 14 | 5.96 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28b | .. | .. | .. | *05* | A | B9 |
| 5423 | Bootes | — | 2508 | .. | .. | 25.7 | +42 15 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17c | .. | .. | .. | 21 | G | G0 |
| 5424 | Virgo | — | 2886 | .. | .. | 25.7 | + 5 13 | 6.13 | .. | .. | .. | *02* | .. | *08* | 10 | .. | .. | .. | .. | 13d | .. | .. | .. | .. | K | K2 |
| 5425 | Lupus | σ | *8831* | *4921* | 19661 | 25.9 | −50 1 | 4.60 | .. | .. | .. | .. | 01 | .. | .. | *01* | .. | *09* | .. | .. | *10* | .. | 00 | *1.* | B 2 | B2 |
| 5426 | Lupus | — | 6053 | .. | 19674 | 26.5 | −54 34 | 5.99 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | *09* | 9. | F 5 | F5 |
| 5427 | Lupus | — | 7301 | .. | 19679 | 26.6 | −52 14 | 5.88 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | G 5 | K0 |
| 5428 | Cent. | — | 11519 | *4927* | 19697 | 27.3 | −30 17 | 6.11 | .. | .. | .. | .. | *09* | .. | 06 | 02 | .. | .. | .. | .. | .. | .. | 07 | 15. | K | K0 |
| 5429 | Bootes | ρ 25 | *2628* | 2433 | .. | 27.5 | +30 49 | 3.78 | *14* | .. | .. | .. | .. | *11* | 25 | .. | *18* | .. | *22* | *03*d | .. | .. | *26* | 120 | K | K0 |
| 5430 | U. Min. | 5 | 527 | 2437 | .. | 27.7 | +76 8 | 4.37 | *08* | .. | .. | .. | .. | 17 | *08* | .. | 18 | .. | 35 | 00d | .. | .. | 23 | 132 | K 2 | K2 |
| 5431 | Cent. | — | 8890 | .. | 19710 | 27.8 | −41 40 | 6.76 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *91* | .. | .. | 7. | A 2 | A2 |
| 5432 | Cent. | — | 5642 | .. | 19703 | 27.8 | −59 35 | 6.35 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K | K0 |
| 5433 | Bootes | — | 2388 | 2434 | .. | 27.9 | +27 8 | 5.90 | *01* | .. | .. | .. | .. | 08 | *07* | .. | .. | .. | 15 | 35b | .. | 26 | 04 | 30 | A | A2 |
| 5434 | Bootes | 26 | 2715 | 2435 | .. | 28.0 | +22 42 | 5.96 | *08* | .. | .. | 12 | .. | *03* | *03* | .. | *11* | .. | *05* | 21b | .. | .. | *26* | 17 | F | F0 |
| 5435 | Bootes | γ 27 | 2565 | 2436 | .. | 28.1 | +38 45 | 3.00 | 10 | .. | .. | 13 | .. | *18* | *03* | .. | 26 | 06 | 21 | 34a | .. | .. | 12 | 45 | F | F0 |
| 5436 | Draco | — | 1136 | 2438 | .. | 28.4 | +63 38 | 6.04 | *06* | .. | .. | 08 | .. | *04* | 01 | .. | .. | .. | 15 | 34b | .. | .. | *14* | 26 | F | F5 |
| 5437 | Draco | — | 1547 | 2440 | .. | 29.0 | +60 40 | 6.18 | *09* | .. | *02* | .. | .. | 12 | R | .. | .. | .. | *05* | 34b | .. | .. | *08* | 07 | A | F0 |
| 5438 | Libra | — | *3903* | 2439 | 19744 | 29.2 | −20 0 | 6.48 | *05* | .. | 10 | .. | .. | *05* | 01 | .. | .. | .. | .. | .. | .. | .. | 02 | *47* | A | A0 |
| 5439 | Cent. | — | *8794* | .. | 19741 | 29.2 | −41 5 | 5.82 | .. | .. | .. | .. | .. | .. | *26* | 27 | .. | .. | .. | .. | *02* | .. | .. | 8. | A | B8 |
| 5440 | Cent. | η | 8917 | *4941* | 19737 | 29.2 | −41 43 | 2.65 | .. | .. | .. | .. | *11* | 19 | *10* | 03 | .. | 04 | .. | .. | 05 | .. | *05* | 13. | B 3 p | B3p Comp |
| 5441 | Bootes | — | 2545 | .. | .. | 29.3 | +37 24 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16b | .. | .. | .. | 13 | F 5 | A2p F5 |
| 5442 | Draco | — | *1746* | 2441 | .. | 29.4 | +55 50 | 5.99 | *03* | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 07 | *18*e | .. | .. | *04* | 77 | K | K5 |
| 5443 | Circinus | — | 2616 | .. | 19733 | 29.4 | −67 29 | 6.09 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | F 5 | F5 |
| 5444 | Lupus | — | 9293 | *4943* | 19746 | 29.7 | −45 49 | 5.41 | .. | .. | .. | .. | *07* | .. | .. | 07 | .. | .. | .. | .. | .. | .. | *11* | 20. | K 2 | K2 |
| 5445 | Bootes | — | *2474* | .. | .. | 29.9 | +32 59 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19b | .. | .. | .. | 14 | A | F2 |
| 5446 | Cent. | — | 9047 | .. | 19760 | 30.2 | −39 10 | 6.15 | .. | .. | .. | .. | .. | .. | *03* | 03 | .. | .. | .. | .. | .. | .. | .. | 9. | K | K0 |
| 5447 | Bootes | σ 28 | 2536 | 2442 | .. | 30.3 | +30 11 | 4.48 | 01 | .. | .. | .. | .. | 05 | *05* | .. | 22 | .. | 14 | 22b | .. | .. | .. | 32 | F | F0 |
| 5448 | Bootes | — | 2551 | .. | .. | 30.5 | +37 4 | 6.24 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *12*c | .. | .. | .. | .. | K | K0 |
| 5449 | Cent. | — | 9050 | *4948* | 19768 | 30.5 | −39 47 | 5.90 | .. | *20* | .. | .. | 16 | 03 | *09* | 10 | .. | .. | .. | .. | .. | .. | *15* | 9. | B 8 | B8 |
| 5450 | Lupus | a | 9302 | *4949* | 19773 | 30.8 | −45 42 | 5.44 | .. | .. | .. | .. | 00 | .. | .. | *01* | .. | .. | .. | .. | .. | .. | *12* | 21. | K 5 | K0 |

1908AnHar..50....1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**14h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 5451 | Draco | — | 1519 | 2444 | .. | 31.2 | +57 30 | 6.25 | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | 44b | .. | .. | 05 | 38 | F |
| 5452 | Bootes | — | 2095 | 2443 | .. | 31.2 | +49 48 | 5.90 | 06 | .. | 02 | .. | .. | 03 | 06 | .. | .. | .. | 20 | 06e | .. | .. | 20 | 89 | K |
| 5453 | Lupus | ρ | 9198 | 4950 | 19785 | 31.2 | −49 0 | 4.14 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | 17 | .. | .. | 26 | .. | 09 | 1. | B 5 |
| 5454 | Bootes | — | 2710 | .. | .. | 31.6 | +23 41 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06b | .. | .. | .. | 10 | A |
| 5455 | Libra | — | 3770 | .. | 19808 | 31.7 | −11 53 | 6.24 | .. | .. | .. | 05 | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | G |
| 5456 | Cent. | — | 9529 | .. | 19812 | 32.0 | −38 22 | 6.14 | .. | .. | .. | .. | .. | .. | 15 | 14 | .. | .. | .. | .. | .. | .. | .. | 11. | G 2 |
| 5457 | Lupus | — | 9469 | .. | 19823 | 32.6 | −46 9 | 6.20 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | G |
| 5458 | Lupus | — | 9218 | .. | 19824 | 32.8 | −48 37 | 6.47 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | F |
| 5459 | Cent. | $a^1$ | 5483 | 4960 | 19825 | 32.8 | −60 25 | 0.33 | .. | .. | .. | .. | 14 | .. | .. | 15 | .. | 47 | .. | .. | 61 | .. | 14 | 20. | G |
| 5460 | Cent. | $a^2$ | | 4961 | 19826 | 32.8 | −60 25 | 1.70 | | | | | | | | | | | | | | | | | K 5 |
| 5461 | Cent. | — | 6107 | .. | 19835 | 33.3 | −56 1 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | K |
| 5462 | Bootes | — | 2906 | .. | .. | 33.6 | +18 44 | 5.98 | .. | .. | .. | .. | .. | 02 | 02 | .. | .. | .. | .. | 17c | .. | .. | .. | 68 | K |
| 5463 | Circinus | α | 2977 | 4969 | 19849 | 34.4 | −64 32 | 3.41 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | 06 | .. | .. | 24 | .. | 11 | 3. | F |
| 5464 | Bootes | — | 2376 | 2446 | .. | 34.5 | +44 4 | 5.92 | 04 | .. | .. | 08 | .. | 12 | .. | .. | .. | .. | .. | 03d | .. | .. | 08 | 91 | G 5 |
| 5465 | Circinus | — | 5672 | .. | 19856 | 34.5 | −58 12 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | F |
| 5466 | Cent. | — | 9702 | 4972 | 19867 | 34.9 | −35 43 | 5.75 | .. | 08 | .. | .. | 07 | 04 | 07 | 10 | .. | .. | .. | .. | .. | .. | 17 | 8. | A |
| 5467 | Bootes | — | 1693 | 2447 | .. | 35.1 | +54 27 | 5.52 | 04 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 23 | 58b | .. | .. | 08 | 30 | A |
| 5468 | Bootes | 33 | 2204 | 2448 | .. | 35.1 | +44 50 | 5.39 | 11 | .. | 18 | .. | .. | 06 | .. | .. | 06 | .. | 15 | 19b | .. | .. | 04 | 16 | A |
| 5469 | Lupus | α | 9501 | 4975 | 19873 | 35.3 | −46 58 | 2.89 | .. | .. | .. | .. | 43 | 44 | 24 | 26 | .. | 37 | .. | .. | 49 | .. | 49 | 6. | B 2 |
| 5470 | Apus | α | 893 | 4976 | 19851 | 35.4 | −78 37 | 3.81 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 46 | .. | .. | 21 | .. | 01 | 31. | K 5 |
| 5471 | Cent. | b | 9618 | 4978 | 19890 | 35.7 | −37 21 | 4.09 | .. | 15 | .. | .. | 08 | 09 | 00 | 18 | .. | 05 | .. | .. | 81 | .. | 16 | 4. | B 3 |
| 5472 | Bootes | — | 2731 | 2451 | .. | 35.8 | +22 24 | 6.17 | 08 | .. | .. | 08 | .. | 15 | .. | .. | .. | .. | .. | 19b | .. | .. | 00 | 21 | F |
| 5473 | Bootes | — | 2769 | .. | .. | 35.9 | +13 57 | 5.98 | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | 24b | .. | .. | .. | 03 | A 5 |
| 5474 | Cent. | — | 11624 | .. | 19894 | 35.9 | −30 30 | 6.47 | .. | .. | .. | .. | .. | .. | 17 | 17 | .. | .. | .. | .. | .. | .. | .. | 5. | A |
| 5475 | Bootes | π 29 | 2768 | 2449 | .. | 36.0 | +16 51 | 4.94 | 05 | .. | .. | .. | .. | 05 | .. | .. | 16 | .. | 10 | 07b | .. | .. | 06 | 10 | A |
| 5476 | Bootes | | | 2450 | .. | 36.0 | +16 51 | 5.81 | | | | | | | | | | | | | | | | | |
| 5477 | Bootes | ζ 30 | 2770 | 2452 | .. | 36.4 | +14 9 | 4.83 | 02 | .. | .. | .. | .. | 02 | .. | .. | 06 | .. | 02 | 18b | .. | .. | 02 | 16 | A 2 |
| 5478 | Bootes | | | 2453 | .. | 36.4 | +14 9 | 4.43 | | | | | | | | | | | | | | | | | |
| 5479 | U. Min. | — | 448 | 2458 | .. | 36.5 | +80 5 | 6.35 | 22 | .. | 08 | .. | .. | 15 | .. | .. | .. | .. | .. | 08d | .. | .. | 03 | 72 | K |
| 5480 | Bootes | 31 | 2903 | 2454 | .. | 36.8 | + 8 35 | 5.03 | 04 | .. | .. | 01 | .. | 06 | .. | .. | 08 | .. | 01 | 03d | .. | .. | 13 | 73 | K |
| 5481 | Bootes | 32 | 2729 | 2455 | .. | 36.9 | +12 5 | 5.63 | 03 | .. | .. | 03 | .. | 06 | .. | .. | 03 | .. | 11 | 10c | .. | .. | 03 | 59 | K |
| 5482 | Circinus | — | 4275 | 4985 | 19916 | 37.3 | −62 26 | 5.34 | .. | .. | .. | .. | 19 | .. | .. | 18 | .. | .. | .. | .. | .. | .. | 02 | 9. | A 5 |
| 5483 | Bootes | — | 2674 | .. | .. | 37.4 | +21 33 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17c | .. | .. | .. | .. | G |
| 5484 | *Libra* | 4 | 11637 | 2456 | 19930 | 37.4 | −24 34 | 5.75 | 10 | .. | .. | 10 | .. | 14 | 02 | 14 | 05 | .. | .. | .. | .. | .. | 08 | 29 | B 9 |
| 5485 | Cent. | $c^1$ | 9868 | 4987 | 19931 | 37.5 | −34 44 | 4.13 | .. | 09 | .. | .. | 37 | 28 | 21 | 05 | .. | 12 | .. | .. | 17 | .. | 11 | 25. | K |
| 5486 | Cent. | — | 6772 | .. | 19922 | 37.5 | −58 3 | 6.10 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K |
| 5487 | Virgo | μ107 | 3936 | 2457 | 19941 | 37.8 | − 5 13 | 3.95 | 03 | .. | 08 | .. | .. | 11 | .. | 06 | 05 | 03 | 09 | .. | .. | .. | 10 | 73 | F 5 |
| 5488 | Circinus | — | 6150 | 4988 | 19934 | 38.0 | −55 10 | 6.24 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 09 | 6. | B 3 |
| 5489 | Cent. | $c^2$ | 9888 | 4993 | 19958 | 38.8 | −34 46 | 5.00 | .. | 10 | .. | .. | 04 | 01 | 02 | 14 | .. | .. | .. | .. | 10 | .. | 15 | 8. | A |
| 5490 | Bootes | W34 | 2413 | 2459 | .. | 39.0 | +26 57 | 4.93 | A | .. | .. | .. | .. | A | .. | .. | 17 | .. | 17 | 02d | .. | .. | 05 | 167 | K 5 |
| 5491 | Octans | — | 235 | 4995 | 19776 | 39.0 | −87 45 | 6.52 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | 22 | 7. | Ma |
| 5492 | Draco | — | 1451 | 2460 | .. | 39.5 | +61 41 | 6.17 | 06 | 02 | .. | .. | .. | 10 | 02 | .. | .. | .. | 24 | 30c | .. | 15 | 12 | 40 | F |
| 5493 | Bootes | — | 2523 | 2462 | .. | 39.8 | +40 51 | 5.79 | 15 | .. | .. | .. | .. | 04 | 11 | .. | .. | .. | .. | 06d | .. | .. | 24 | .. | K |
| 5494 | Lupus | — | 9562 | .. | 19978 | 39.8 | −47 1 | 5.89 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 14 | .. | .. | 8. | A |
| 5495 | Lupus | b | 8457 | 4999 | 19985 | 40.0 | −51 57 | 5.20 | .. | .. | .. | .. | 08 | .. | .. | 07 | .. | .. | .. | .. | 50 | .. | 10 | 20. | K |
| 5496 | Virgo | — | 2867 | 2461 | 19996 | 40.1 | − 0 59 | 6.23 | 05 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | 29 | .. | Ma |
| 5497 | Hydra | m 54 | 11661 | 2463 | 19997 | 40.2 | −25 1 | 5.03 | 01 | .. | .. | 16 | 12 | 03 | .. | 05 | 07 | .. | .. | .. | .. | .. | 23 | 22 | F 5 |
| 5498 | Lupus | — | 8461 | .. | 19988 | 40.2 | −51 47 | 6.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | A |
| 5499 | Libra | — | 3844 | 2464 | 20002 | 40.3 | −22 43 | 5.91 | 15 | .. | .. | 11 | .. | 01 | .. | 03 | .. | .. | .. | .. | .. | .. | 19 | 39 | G 5 |
| 5500 | Circinus | — | 2645 | 5003 | 19980 | 40.3 | −66 10 | 6.05 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | 55 | .. | 07 | 4. | A |

1908AnHar..50..

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



14h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 5501 | Virgo | 108 | 2972 | 2465 | .. | 40.4 | + 1 9 | 5.54 | 05 | .. | .. | .. | .. | 06 | .. | .. | 26 | .. | 17 | 48a | .. | .. | 46 | 18 | A |
| 5502 | Bootes | o 35 | 2780 | 2466 | .. | 40.5 | +17 23 | 4.69 | 12 | .. | .. | .. | .. | 12 | .. | .. | 06 | .. | 13 | 15c | .. | .. | 11 | 88 | K |
| 5503 | Libra | 5 | 4023 | .. | 20008 | 40.5 | −15 3 | 6.60 | .. | .. | 09 | 26 | .. | 18 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | A |
| 5504 | Libra | — | 4087 | .. | 20010 | 40.5 | −20 45 | 6.40 | .. | .. | 03 | .. | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 18 | F 2 |
| 5505 | Bootes | ε 36 | 2417 | 2467 | .. | 40.6 | +27 30 | 5.12 | 03 | .. | .. | .. | .. | 03 | 00 | .. | 11 | 05 | 09 | 07c | .. | .. | 03 | R | K |
| 5506 | Bootes | | | | .. | 40.6 | +27 30 | 2.70 | | | | | | | | | | | 23 | | | | | | |
| 5507 | Bootes | — | 2854 | .. | .. | 40.8 | +19 18 | 6.39 | .. | .. | 01 | .. | .. | .. | 01 | .. | .. | .. | .. | 01c | .. | .. | .. | 17 | G |
| 5508 | Cent. | — | 9686 | .. | 20012 | 40.9 | −37 52 | 6.00 | .. | .. | .. | .. | .. | .. | 09 | 10 | .. | .. | .. | .. | .. | .. | .. | 10. | K |
| 5509 | Lupus | — | 9326 | .. | 20015 | 41.0 | −43 8 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K |
| 5510 | Bootes | — | 2489 | .. | .. | 41.1 | +33 13 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05c | .. | .. | .. | .. | Ma |
| 5511 | Virgo | 109 | 2862 | 2468 | .. | 41.2 | + 2 19 | 3.76 | 04 | .. | .. | .. | .. | 04 | .. | .. | 26 | 00 | 28 | 24b | .. | .. | 04 | 31 | A |
| 5512 | Bootes | — | 2758 | 2470 | .. | 41.4 | +15 33 | 6.10 | 14 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | 03 | 21d | .. | .. | 25 | 54 | Mb 5 |
| 5513 | Libra | — | 4093 | .. | 20037 | 41.5 | −20 55 | 6.11 | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15. | K |
| 5514 | Hydra | 55 | 10534 | 2469 | 20035 | 41.5 | −25 12 | 5.67 | 17 | .. | .. | 13 | 01 | 14 | .. | 07 | 05 | .. | .. | .. | .. | .. | 20 | 12 | A |
| 5515 | Circinus | — | 6441 | .. | 20029 | 41.8 | −56 14 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | K 5 |
| 5516 | Hydra | 56 | 10537 | 2471 | 20044 | 42.0 | −25 40 | 5.39 | 29 | .. | .. | 07 | .. | 05 | 02 | 16 | 19 | .. | .. | .. | .. | .. | 26 | 60 | K 5 |
| 5517 | Hydra | 57 | 10519 | 2472 | 20048 | 42.1 | −26 13 | 5.80 | 27 | .. | .. | 13 | .. | 13 | .. | .. | 18 | .. | .. | .. | .. | .. | 07 | 18 | B 9 |
| 5518 | Libra | — | 4134 | .. | 20059 | 42.4 | −12 26 | 6.42 | .. | .. | .. | 07 | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K |
| 5519 | Cent. | — | 9645 | .. | 20052 | 42.4 | −36 13 | 6.12 | .. | .. | .. | .. | .. | .. | 26 | 26 | .. | .. | .. | .. | .. | .. | .. | 13. | Mb |
| 5520 | Apus | — | 1604 | 5023 | 20049 | 43.2 | −72 46 | 5.62 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | 18 | 15. | K |
| 5521 | Libra | — | 11916 | 2473 | 20080 | 43.6 | −23 51 | 5.78 | 08 | .. | .. | 02 | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | 00 | 11. | K |
| 5522 | Libra | — | 2886 | .. | 20089 | 43.8 | − 0 26 | 6.06 | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 | A |
| 5523 | Libra | μ 7 | 3986 | 2474 | 20088 | 43.8 | −13 44 | 5.38 | 01 | .. | .. | .. | .. | 01 | 00 | 03 | 18 | .. | .. | .. | .. | 18 | 12 | 06 | A |
| 5524 | Bootes | — | 2779 | 2476 | .. | 44.0 | +24 47 | 6.05 | 01 | .. | 11 | .. | .. | 12 | .. | .. | .. | .. | 22 | 03b | .. | .. | 10 | 14 | F 7 |
| 5525 | Octans | $\pi^1$ | 629 | 5032 | 20034 | 44.2 | −82 49 | 5.60 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | 15 | .. | 08 | 14. | K |
| 5526 | Hydra | E 58 | 10073 | 2477 | 20100 | 44.5 | −27 32 | 4.63 | 33 | .. | .. | 27 | .. | 02 | 10 | 16 | 50 | .. | .. | .. | .. | .. | 24 | 126 | K 2 |
| 5527 | Circinus | — | 3436 | .. | 20087 | 44.5 | −63 23 | 5.78 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 03 | 10. | F 5 |
| 5528 | Lupus | o | 9391 | 5034 | 20109 | 45.1 | −43 9 | 4.49 | .. | .. | .. | .. | 06 | 05 | 07 | 09 | .. | 18 | .. | .. | 21 | .. | 01 | 3. | B 5 |
| 5529 | Bootes | — | 2593 | 2481 | .. | 45.2 | +38 13 | 5.98 | 01 | .. | .. | .. | .. | 15 | 16 | .. | .. | .. | 04 | 46b | .. | .. | 12 | 30 | F |
| 5530 | Libra | $\alpha^1$ 8 | 3965 | 2479 | 20117 | 45.2 | −15 35 | 5.33 | 03 | .. | 11 | 32 | .. | 23 | 05 | .. | 03 | 03 | .. | .. | .. | .. | 11 | 32 | F 5 |
| 5531 | Libra | $\alpha^2$ 9 | 3966 | 2480 | 20119 | 45.3 | −15 38 | 2.90 | 12 | .. | 15 | .. | .. | 06 | 22 | 18 | 10 | | .. | .. | .. | .. | | 40 | A 2 |
| 5532 | Bootes | — | 2581 | 2482 | .. | 45.7 | +29 1 | 5.66 | 07 | .. | 20 | .. | .. | 29 | 00 | .. | .. | .. | 32 | 30a | .. | .. | 01 | 04 | A |
| 5533 | Bootes | h 38 | 1993 | 2485 | .. | 45.8 | +46 32 | 5.76 | 12 | .. | .. | .. | .. | 06 | 18 | .. | 04 | .. | 03 | 21b | .. | .. | 16 | 22 | F |
| 5534 | Bootes | — | 2786 | 2484 | .. | 45.8 | +24 20 | 5.81 | 02 | .. | .. | .. | .. | 17 | 16 | .. | .. | .. | 19 | 23b | .. | .. | 01 | 18 | F |
| 5535 | Libra | 11 | 2991 | 2483 | 20127 | 45.8 | − 1 53 | 5.05 | 19 | .. | .. | .. | .. | 04 | 09 | 06 | 15 | .. | .. | .. | .. | .. | 13 | 58 | K |
| 5536 | Libra | — | 3253 | .. | .. | 45.9 | + 0 9 | 6.24 | .. | .. | 26 | .. | .. | 08 | 17 | .. | .. | .. | .. | 16d | .. | .. | .. | .. | K |
| 5537 | Bootes | — | 1957 | .. | .. | 46.3 | +51 48 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 26b | .. | .. | .. | 07 | F |
| 5538 | Bootes | 39 | 2326 | 2487 | .. | 46.3 | +49 7 | 5.64 | 17 | .. | .. | .. | .. | 06 | 10 | .. | 34 | .. | 13 | 10b | .. | .. | 09 | 31 | F |
| 5539 | Circinus | ζ | 2918 | 5040 | 20124 | 46.3 | −65 35 | 6.16 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | .. | .. | .. | 46 | .. | 06 | 2. | B 3 |
| 5540 | Apus | R | 924 | 5042 | 20115 | 46.5 | −76 15 | 5.35 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | v | .. | 00 | 20. | K |
| 5541 | Bootes | — | 2580 | 2488 | .. | 46.6 | +37 40 | 5.50 | 01 | .. | .. | .. | .. | 00 | .. | .. | .. | .. | 04 | 19c | .. | .. | 10 | 88 | K |
| 5542 | Cent. | — | 11780 | 5043 | 20135 | 46.6 | −30 10 | 6.43 | 03 | 13 | .. | .. | 17 | 06 | .. | 03 | .. | .. | .. | .. | .. | .. | 13 | 9. | F |
| 5543 | Cent. | — | 9760 | 5044 | 20132 | 46.6 | −37 23 | 5.11 | .. | 21 | .. | .. | 11 | 05 | 10 | 17 | .. | .. | .. | .. | 34 | .. | 29 | 0. | B 8 |
| 5544 | Bootes | ξ 37 | 2870 | 2489 | .. | 46.8 | +19 31 | 4.64 | 04 | .. | .. | 01 | .. | 03 | .. | .. | 24 | .. | 06 | 17c | .. | .. | 04 | 85 | K 5 p |
| 5545 | Octans | $\pi^2$ | 636 | 5047 | 20104 | 47.3 | −82 38 | 5.55 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | 05 | .. | 05 | 24. | K |
| 5546 | Circinus | — | 5753 | 5052 | 20157 | 47.9 | −59 42 | 5.24 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | 04 | .. | 09 | 21. | K 5 |
| 5547 | Apus | — | 931 | .. | 20149 | 48.4 | −76 45 | 5.96 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | K |
| 5548 | Libra | 12 | 11735 | 2490 | 20184 | 48.5 | −24 14 | 5.44 | 25 | .. | .. | 15 | .. | 00 | 09 | 18 | 46 | .. | .. | .. | .. | .. | 26 | 88 | K |
| 5549 | Cent. | — | 10457 | .. | 20183 | 48.5 | −32 53 | 5.94 | .. | .. | .. | .. | .. | .. | 11 | 12 | .. | .. | .. | .. | .. | .. | .. | 18. | K 5 |
| 5550 | Bootes | — | 2705 | .. | .. | 48.7 | +16 6 | 6.43 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 17b | .. | .. | .. | 19 | F 2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**14h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 5551 | Circinus | θ | 4337 | 5060 | 20174 | 48.7 | −62 22 | 5.42 | .. | .. | .. | .. | 23 | .. | .. | 22 | .. | .. | .. | .. | 12 | .. | 04 | 5. | B 2 | B3 |
| 5552 | Draco | — | 1615 | 2493 | .. | 48.9 | +59 42 | 5.67 | 06 | .. | 01 | .. | .. | 01 | 04 | .. | .. | .. | 02 | 06d | .. | .. | 18 | 79 | K | K2 |
| 5553 | Bootes | — | 2881 | .. | .. | 48.9 | +19 34 | 5.98 | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | .. | 18b | .. | .. | .. | 43 | K | K0 |
| 5554 | Libra | ξ¹ 13 | 3827 | 2492 | 20193 | 49.0 | −11 29 | 5.84 | 05 | .. | .. | .. | .. | 07 | 09 | 04 | 46 | .. | .. | .. | .. | .. | 01 | 55 | K | K0 |
| 5555 | Apus | — | 1281 | .. | 20170 | 49.1 | −74 38 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | A | B9 |
| 5556 | Lupus | c | 7634 | 5061 | 20189 | 49.2 | −52 24 | 5.56 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 04 | .. | 06 | 3. | A 2 | A2 |
| 5557 | Octans | ω | 490 | 5063 | 20125 | 49.4 | −84 23 | 5.90 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | 65 | .. | 10 | 1. | A | A0 |
| 5558 | Cent. | — | 10169 | 5065 | 20203 | 49.6 | −33 27 | 5.34 | .. | 20 | .. | .. | 02 | 04 | 00 | 18 | .. | .. | .. | .. | 36 | .. | 06 | 7. | A | A0 |
| 5559 | Lupus | — | 9543 | 5066 | 20202 | 49.8 | −47 28 | 5.78 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | 13 | 9. | B 8 | B9 |
| 5560 | Lupus | — | 8939 | .. | 20210 | 50.0 | −51 2 | 6.49 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | Ma | Ma |
| 5561 | Cent. | — | 9785 | .. | 20221 | 50.3 | −39 0 | 6.44 | .. | .. | .. | .. | .. | .. | 12 | 11 | .. | .. | .. | .. | .. | .. | .. | 6. | A | A0 |
| 5562 | Cent. | — | 10480 | .. | 20228 | 50.4 | −32 14 | 6.19 | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | 15. | K | K0 |
| 5563 | U. Min. | β 7 | 595 | 2500 | .. | 51.0 | +74 34 | 2.24 | 11 | 00 | .. | R | .. | 07 | 05 | .. | 02 | 22 | 02 | 02d | .. | 10 | 19 | 185 | K 5 | K5 |
| 5564 | Libra | ξ² 15 | 3989 | 2496 | 20249 | 51.3 | −11 0 | 5.63 | 14 | .. | 03 | .. | .. | 03 | 04 | 19 | 22 | .. | .. | .. | .. | .. | 09 | 91 | K | K0 |
| 5565 | *Hydra* | — | 11055 | 2495 | 20247 | 51.3 | −28 45 | 6.18 | 10 | .. | 10 | .. | 09 | .. | 11 | .. | .. | .. | .. | .. | .. | .. | 04 | 4. | A | B9 |
| 5566 | Lupus | — | 9494 | .. | 20240 | 51.3 | −48 27 | 6.48 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | K | K0 |
| 5567 | Bootes | — | 2796 | 2498 | .. | 51.5 | +14 51 | 5.77 | 05 | .. | 07 | 03 | .. | 00 | .. | .. | .. | .. | 17 | 49b | .. | 30 | 07 | 33 | A | A0 |
| 5568 | Libra | — | 4125 | 2497 | 20257 | 51.6 | −20 58 | 5.76 | 13 | .. | 02 | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | 19 | 12. | K p | K5 |
| 5569 | Bootes | — | 2531 | .. | .. | 51.9 | +32 43 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33b | .. | .. | .. | 02 | A | A0 |
| 5570 | Libra | 16 | 3696 | 2499 | 20276 | 52.0 | − 3 56 | 4.59 | 06 | .. | .. | .. | .. | 01 | .. | 06 | 01 | 11 | .. | .. | .. | 12 | 01 | 00 | F | F0 |
| 5571 | Lupus | β | 9853 | 5081 | 20263 | 52.0 | −42 44 | 2.81 | .. | .. | .. | .. | 07 | 13 | 04 | 23 | .. | 07 | .. | .. | 11 | .. | 11 | 12. | B 2 p | B2p |
| 5572 | Cent. | — | 9402 | .. | 20274 | 52.2 | −39 30 | 6.28 | .. | .. | .. | .. | .. | .. | 09 | 09 | .. | .. | .. | .. | .. | .. | .. | 13. | K | K2 |
| 5573 | Libra | 1 | 3277 | 2501 | .. | 52.4 | + 0 14 | 5.71 | 10 | .. | .. | .. | .. | 10 | .. | .. | 06 | .. | .. | 11c | .. | .. | 19 | 35 | G 5 | K0 |
| 5574 | Bootes | — | 2764 | .. | .. | 52.5 | +21 57 | 6.24 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 49a | .. | .. | .. | 08 | A | A0 |
| 5575 | Bootes | — | 2715 | 2502 | .. | 52.5 | +16 48 | 5.78 | 03 | .. | .. | .. | .. | 04 | .. | .. | .. | .. | 15 | 10c | .. | .. | 03 | 57 | K | K0 |
| 5576 | Cent. | κ | 9342 | 5085 | 20286 | 52.7 | −41 42 | 3.35 | .. | .. | .. | .. | 01 | 01 | 13 | 11 | .. | 16 | .. | .. | 20 | .. | 10 | 5. | B 3 | B3 |
| 5577 | Hydra | 59 | 10148 | 2503 | 20295 | 52.8 | −27 15 | 5.68 | 15 | .. | .. | 11 | .. | 12 | .. | 08 | 32 | .. | .. | .. | .. | .. | 22 | 32 | A 5 | A0 |
| 5578 | Libra | 17 | 3994 | .. | 20301 | 52.9 | −10 45 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | 18 | .. | .. | .. | .. | .. | .. | 38 | A | A0 |
| 5579 | Cent. | — | 9836 | .. | 20299 | 52.9 | −37 29 | 6.49 | .. | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | .. | .. | .. | 3. | A | B8 |
| 5580 | Lupus | — | 9871 | .. | 20296 | 52.9 | −42 45 | 6.21 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | F | F8 |
| 5581 | Bootes | — | 2126 | 2504 | .. | 53.0 | +50 3 | 5.68 | 08 | .. | .. | .. | .. | 05 | 03 | .. | .. | .. | 11 | 22b | .. | .. | 02 | 28 | F | F5 |
| 5582 | Libra | 18 | 3999 | .. | 20318 | 53.5 | −10 44 | 6.02 | .. | .. | 09 | 22 | .. | 19 | 11 | .. | 28 | .. | .. | .. | .. | .. | 38 | 47 | K | K0 |
| 5583 | Libra | — | 3783 | .. | 20325 | 53.7 | − 4 35 | 6.00 | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 29 | F 5 | F5 |
| 5584 | Virgo | — | 2954 | 2505 | .. | 54.5 | + 4 58 | 6.16 | 12 | .. | 08 | 03 | .. | 05 | .. | .. | .. | .. | 15 | 10e | .. | .. | 01 | .. | Ma | Ma |
| 5585 | Cent. | — | 9863 | .. | 20341 | 54.9 | −37 40 | 5.98 | .. | .. | .. | .. | .. | .. | 10 | 11 | .. | .. | .. | .. | .. | .. | .. | 11. | K 5 | K2 |
| 5586 | Libra | δ 19 | 3938 | 2506 | 20363 | 55.6 | − 8 7 | 4.84 | 07 | .. | .. | .. | .. | 08 | .. | .. | V | V | .. | .. | .. | .. | 21 | 35 | A | A0 |
| 5587 | Cent. | — | 10244 | .. | 20361 | 55.7 | −33 58 | 6.38 | .. | .. | .. | .. | .. | .. | 05 | 04 | .. | .. | .. | .. | .. | .. | .. | 4. | A | A3 |
| 5588 | Bootes | 40 | 2820 | 2508 | .. | 55.8 | +39 40 | 5.58 | 14 | .. | 04 | .. | .. | 05 | 06 | .. | 02 | .. | 14 | 26b | .. | .. | 18 | 14 | A 5 | F2 |
| 5589 | U. Min. | — | 878 | 2510 | .. | 56.0 | +66 20 | 4.86 | 02 | 02 | .. | R | .. | 01 | 03 | .. | .. | .. | 03 | 12d | .. | 11 | 04 | 126 | Mb | Mb |
| 5590 | Libra | — | 3928 | 2509 | 20380 | 56.1 | − 2 21 | 5.68 | 19 | .. | .. | .. | .. | 05 | 00 | 25 | .. | .. | .. | .. | .. | .. | 17 | .. | K | K5 |
| 5591 | *Hydra* | 60 | 10183 | 2507 | 20376 | 56.2 | −27 40 | 5.87 | 21 | .. | .. | 11 | .. | 04 | 21 | 05 | 13 | .. | .. | .. | .. | 05 | 02 | 6. | A 5 | A5 |
| 5592 | Bootes | — | 2772 | .. | .. | 56.4 | +22 27 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 02c | .. | .. | .. | .. | K p | K0 |
| 5593 | Circinus | η | 3493 | 5104 | 20367 | 56.5 | −63 38 | 5.22 | .. | .. | .. | .. | 03 | .. | .. | 04 | .. | .. | .. | .. | 18 | .. | 14 | 12. | G | G5 |
| 5594 | Libra | 2 | 3297 | .. | .. | 56.7 | + 0 14 | 5.91 | .. | .. | .. | 00 | .. | 03 | 04 | .. | 11 | .. | .. | 27d | .. | .. | .. | 40 | K | K0 |
| 5595 | Lupus | — | 10560 | 5106 | 20392 | 56.8 | −32 15 | 5.45 | .. | 01 | .. | .. | 07 | 16 | 09 | 17 | .. | .. | .. | .. | .. | 03 | 03 | 2. | B 3 | B3 |
| 5596 | Camel. | — | 431 | 2516 | .. | 56.9 | +82 56 | 5.73 | 06 | .. | 02 | .. | .. | 03 | .. | .. | .. | .. | 03 | 14b | .. | .. | 08 | 01 | F | G0 |
| 5597 | Bootes | — | 2192 | 2511 | .. | 57.2 | +47 40 | 6.16 | 04 | .. | .. | .. | .. | 06 | 02 | .. | .. | .. | .. | 51a | .. | .. | 06 | 18 | A p | A0p |
| 5598 | Apus | — | 1729 | .. | 20379 | 57.2 | −71 31 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | K | K5 |
| 5599 | Libra | — | 3933 | .. | 20420 | 57.6 | − 2 38 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 38 | A | A2 |
| 5600 | Bootes | ω 41 | 2861 | 2513 | .. | 57.7 | +25 24 | 4.93 | 07 | .. | .. | .. | .. | 07 | .. | .. | 05 | .. | 23 | 11d | .. | .. | 03 | 118 | K 5 | K5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**14h — 15h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 5601 | Virgo | 110 | 2905 | 2512 | .. | 57.9 | + 2 28 | 4.62 | 06 | .. | .. | .. | .. | 05 | .. | .. | 03 | .. | 37 | 02c | .. | 03 | 32 | 63 | K | K0 |
| 5602 | Bootes | β 42 | 2840 | 2515 | .. | 58.2 | +40 47 | 3.63 | 01 | .. | .. | .. | .. | 10 | 12 | .. | 11 | 14 | 01 | 07c | .. | 04 | 15 | 93 | G 5 | G5 |
| 5603 | *Libra* | σ 20 | 11834 | 2514 | 20431 | 58.2 | −24 53 | 3.41 | 16 | .. | .. | 25 | 21 | 21 | .. | 11 | 14 | 14 | .. | .. | .. | .. | 29 | 180 | Mb | Mb |
| 5604 | Lupus | — | 9243 | .. | 20429 | 58.2 | −40 28 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | Mb | Mb |
| 5605 | Lupus | π | 9773 | 5119 | 20428 | 58.3 | −46 40 | 4.72 | .. | .. | .. | .. | 18 | .. | .. | 18 | .. | 03 | .. | .. | 28 | .. | 02 | 7. | B 5 | B5 |
| 5606 | Lupus | | | | | 58.3 | −46 40 | 4.82 | | | | | | | | | | | | | | | | | | |
| 5607 | Lupus | — | 9257 | 5124 | 20444 | 58.8 | −40 41 | 5.28 | .. | .. | .. | .. | 06 | 12 | 08 | 11 | .. | .. | .. | .. | 22 | .. | 02 | 14. | K | K0 |
| 5608 | Draco | — | 1582 | 2518 | .. | 59.1 | +60 36 | 5.89 | 06 | .. | .. | .. | .. | 01 | 05 | .. | .. | .. | 04 | 33b | .. | .. | 09 | 10 | A | A2 |
| 5609 | Bootes | — | 2642 | 2517 | .. | 59.1 | +35 36 | 5.66 | 06 | .. | .. | .. | .. | 07 | 02 | .. | .. | .. | 12 | 06c | .. | .. | 01 | 58 | G 5 p | K0 |
| 5610 | Virgo | — | 2983 | .. | .. | 59.2 | + 5 52 | 6.44 | .. | .. | .. | 06 | .. | 06 | .. | .. | .. | .. | .. | R | .. | .. | 18 | 25 | A | F0 |
| 5611 | Circinus | — | 3095 | 5129 | 20447 | 59.4 | −64 53 | 6.04 | .. | .. | .. | .. | 15 | .. | .. | 14 | .. | .. | .. | .. | 79 | .. | .. | 19. | K | K2 |
| 5612 | Bootes | — | 2251 | 2519 | .. | 59.6 | +45 2 | 6.43 | 13 | .. | 02 | .. | .. | 10 | .. | .. | .. | .. | .. | 31b | .. | .. | 03 | 04 | F 2 | F5 |
| 5613 | Bootes | — | 2644 | .. | .. | 59.6 | +34 56 | 6.43 | .. | .. | 01 | .. | .. | .. | 01 | .. | .. | .. | .. | 39c | .. | .. | .. | .. | G 5 | K0 |
| 5614 | Libra | — | 10710 | 5132 | 20471 | 59.9 | −25 24 | 6.59 | .. | .. | .. | .. | 11 | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | 10 | B 5 | B8 |
| 5615 | Lupus | — | 10035 | .. | 20469 | 0.0 | −35 53 | 6.42 | .. | .. | .. | .. | .. | .. | 21 | 21 | .. | .. | .. | .. | .. | .. | .. | 8. | K | K5 |
| 5616 | Bootes | ψ 43 | 2447 | 2520 | .. | 0.2 | +27 20 | 4.67 | 21 | .. | .. | .. | .. | 03 | 17 | .. | 27 | .. | 22 | 03c | .. | .. | 17 | 96 | K | K0 |
| 5617 | Lupus | — | 9630 | .. | 20478 | 0.4 | −48 42 | 5.83 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | K | K0 |
| 5618 | Bootes | i 44 | 2259 | 2521 | .. | 0.5 | +48 3 | 4.86 | 04 | .. | .. | .. | .. | 03 | .. | .. | 14 | .. | 21 | 09c | .. | .. | 09 | 43 | G | G0 |
| 5619 | Lupus | — | 11960 | 5138 | 20484 | 0.5 | −30 32 | 6.01 | .. | 07 | .. | .. | 01 | 11 | 00 | 19 | .. | .. | .. | .. | .. | .. | 16 | 10. | A | A0p |
| 5620 | Libra | — | 4030 | .. | 20492 | 0.6 | −21 39 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 13. | G 5 | K0 |
| 5621 | T. Aust. | — | 2725 | .. | 20470 | 0.6 | −66 42 | 5.80 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | G | F8p |
| 5622 | Libra | ν 21 | 4026 | 2522 | 20498 | 1.1 | −15 52 | 5.28 | 10 | .. | 16 | .. | .. | 12 | 00 | 06 | 42 | .. | .. | .. | .. | .. | 12 | 62 | K | K0 |
| 5623 | Circinus | — | 3518 | .. | 20486 | 1.1 | −63 16 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | A | A0p |
| 5624 | Lupus | — | 9305 | 5141 | 20509 | 1.7 | −40 12 | 6.01 | .. | .. | .. | .. | 08 | 13 | .. | 05 | .. | .. | .. | .. | .. | .. | 01 | 8. | A p | A0p |
| 5625 | Lupus | — | 10050 | 5142 | 20513 | 2.0 | −42 29 | 6.00 | .. | .. | .. | .. | 01 | 11 | .. | 11 | .. | .. | .. | .. | .. | .. | 10 | 6. | B 3 | B5 |
| 5626 | Lupus | λ | 9889 | 5143 | 20514 | 2.1 | −44 54 | 4.39 | .. | .. | .. | .. | 05 | 02 | .. | 03 | .. | 16 | .. | .. | 01 | .. | 01 | 7. | B 3 | B3 |
| 5627 | Bootes | k 47 | 2262 | 2523 | .. | 2.2 | +48 32 | 5.59 | 02 | .. | .. | 01 | .. | 01 | .. | .. | 06 | .. | 11 | 20b | .. | .. | 11 | 34 | A | A0 |
| 5628 | Apus | — | 1714 | .. | 20503 | 2.2 | −72 23 | 6.11 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | A | A0 |
| 5629 | U. Min. | — | 887 | 2528 | .. | 2.4 | +66 18 | 6.09 | 14 | .. | .. | .. | .. | 05 | 09 | .. | .. | .. | 14 | 34b | .. | .. | 16 | 18 | A | A0 |
| 5630 | Bootes | — | 2608 | 2526 | .. | 2.7 | +36 50 | 6.30 | 04 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 11 | 30b | .. | .. | 00 | 14 | A | F5 |
| 5631 | Virgo | — | 3001 | 2524 | .. | 2.7 | + 5 52 | 6.22 | 04 | .. | .. | 22 | .. | 11 | 08 | .. | .. | .. | 26 | 25b | .. | .. | 28 | .. | G | G5 |
| 5632 | Circinus | — | 5656 | .. | 20521 | 2.7 | −61 3 | 6.43 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | G | G5 |
| 5633 | Bootes | — | 2924 | 2525 | .. | 2.8 | +18 50 | 6.00 | 06 | .. | 15 | 35 | .. | 13 | .. | .. | .. | .. | .. | 24b | .. | .. | 05 | 06 | A | A0 |
| 5634 | Bootes | c 45 | 2873 | 2527 | .. | 2.9 | +25 16 | 5.03 | 00 | .. | .. | .. | .. | 00 | .. | .. | 02 | .. | 10 | 21a | .. | 09 | 03 | 35 | A 5 | F0 |
| 5635 | Draco | — | 1730 | 2529 | .. | 3.4 | +54 56 | 5.21 | 05 | .. | 00 | .. | .. | 06 | .. | .. | .. | .. | 13 | 25d | .. | .. | 01 | 76 | G 2 | G5 |
| 5636 | Lupus | — | 10020 | .. | 20546 | 3.7 | −38 25 | 6.02 | .. | .. | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | .. | .. | .. | .. | 12. | K | G5 |
| 5637 | Lupus | — | 6367 | 5152 | 20543 | 3.8 | −54 58 | 5.56 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | 09 | .. | .. | 18. | G 5 | G5 |
| 5638 | Bootes | b 46 | 2656 | 2530 | .. | 4.1 | +26 41 | 5.73 | 06 | .. | .. | .. | .. | 06 | .. | .. | 18 | .. | 22 | 16d | .. | .. | 02 | .. | K | K0 |
| 5639 | Bootes | — | 2901 | .. | .. | 4.1 | +13 37 | 6.07 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 31c | .. | .. | .. | 26 | K | K0 |
| 5640 | Bootes | — | 2876 | .. | .. | 4.2 | +25 29 | 5.94 | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | .. | 09d | .. | .. | .. | .. | K | K0 |
| 5641 | Libra | — | 10758 | .. | 20562 | 4.4 | −25 57 | 5.94 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 15. | K | K0 |
| 5642 | Lupus | — | 9922 | 5157 | 20566 | 4.8 | −44 54 | 6.40 | .. | .. | .. | .. | 09 | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 5643 | Lupus | — | 9921 | 5158 | 20565 | 4.8 | −44 54 | 7.06 | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10. | K | K0 |
| 5644 | T. Aust. | — | 2267 | 5160 | 20554 | 4.8 | −69 42 | var. | .. | .. | .. | .. | V | .. | .. | V | .. | .. | .. | .. | V | .. | V | V | N | N |
| 5645 | Circinus | — | 4856 | .. | 20561 | 4.9 | −61 22 | 6.10 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 25. | K | K2 |
| 5646 | Lupus | κ | 9704 | 5161 | 20570 | 5.0 | −48 21 | 4.14 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | 41 | .. | .. | 19 | .. | 13 | 1. | B 9 | B9 |
| 5647 | Lupus | — | 9705 | 5162 | 20571 | 5.0 | −48 22 | 6.04 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | | .. | A | A0 |
| 5648 | Bootes | — | 2146 | .. | .. | 5.1 | +50 27 | 6.27 | .. | .. | 05 | .. | .. | 17 | 22 | .. | .. | .. | .. | 25c | .. | .. | .. | 57 | K | K0 |
| 5649 | Lupus | ζ | 8830 | 5163 | 20572 | 5.1 | −51 43 | 3.50 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | 16 | .. | .. | 15 | .. | 02 | 14. | K | K0 |
| 5650 | Lupus | — | 9779 | .. | 20577 | 5.6 | −47 51 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | K | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**15h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° | | | | | | | | | | | | | | | | | | | |
| 5651 | Lupus | e | 9932 | *5170* | 20591 | 6.1 | −44 8 | 4.92 | .. | .. | .. | .. | 05 | *13* | .. | 09 | .. | *03* | .. | .. | 18 | .. | *07* | 4. | B 3 | B3 |
| 5652 | Libra | ι 24 | 4047 | 2531 | 20601 | 6.5 | −19 25 | 4.66 | 21 | .. | *30* | 36 | .. | *29* | *13* | 13 | 54 | *18* | .. | .. | .. | .. | .. | *39* | A p | Ap |
| 5653 | Lupus | — | 10119 | .. | 20604 | 6.9 | −35 43 | 6.12 | .. | .. | .. | .. | .. | .. | *15* | 16 | .. | .. | .. | .. | .. | .. | .. | 7. | A | Bq |
| 5654 | Bootes | — | 2935 | 2532 | .. | 7.5 | +19 22 | 5.98 | 04 | .. | .. | .. | .. | *04* | 00 | .. | .. | .. | *09* | *16*d | .. | .. | *03* | .. | Mb | mb |
| 5655 | Libra | — | 12133 | .. | 20623 | 7.5 | −23 38 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *41* | G | Bq |
| 5656 | Libra | 25 | 4055 | .. | 20633 | 7.6 | −19 17 | 6.05 | .. | .. | *10* | 24 | .. | *14* | *01* | .. | 10 | .. | .. | .. | .. | .. | .. | *35* | A 2 | A2 |
| 5657 | Libra | 23 | 11928 | *5180* | 20630 | 7.7 | −24 56 | 6.43 | .. | .. | .. | R | A | .. | .. | .. | R | .. | .. | .. | .. | .. | .. | 9. | G | B5 |
| 5658 | Libra | — | 10801 | .. | 20639 | 8.0 | −25 49 | 6.05 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14. | G 5 | K0 |
| 5659 | Bootes | — | 2939 | .. | .. | 8.3 | +19 40 | 6.41 | .. | .. | 04 | .. | .. | .. | *04* | .. | .. | .. | .. | R | .. | .. | .. | .. | G | B5 |
| 5660 | Lupus | i 1 | 11813 | *5183* | 20651 | 8.5 | −31 9 | 4.95 | .. | *11* | .. | .. | 06 | *06* | 01 | 11 | *35* | .. | .. | .. | 35 | .. | 14 | 12. | F | F0 |
| 5661 | Circinus | — | 5698 | .. | 20640 | 8.5 | −60 32 | 5.95 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | *1.* | B 1 | B1 |
| 5662 | Libra | 26 | 4285 | .. | 20661 | 8.9 | −17 24 | 6.31 | .. | .. | .. | A | .. | .. | .. | .. | *06* | .. | .. | .. | .. | .. | .. | *63* | A | Bq |
| 5663 | Lupus | — | 9824 | .. | 20655 | 8.9 | −47 42 | 6.19 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | A 2 | A2 |
| 5664 | Circinus | δ | 5701 | *5186* | 20649 | 8.9 | −60 35 | 5.24 | .. | .. | .. | .. | 01 | .. | .. | *01* | .. | *30* | .. | .. | *49* | .. | *19* | 2. | Oe 5 | Oe5 |
| 5665 | Bootes | — | 2789 | 2533 | .. | 9.1 | +23 22 | 6.25 | 01 | .. | .. | .. | .. | *01* | .. | .. | .. | .. | *08* | 32a | .. | .. | 10 | 00 | A | A0 |
| 5666 | Circinus | ε | 3544 | *5188* | 20654 | 9.2 | −63 15 | 4.84 | .. | .. | .. | .. | 01 | .. | .. | *01* | .. | .. | .. | .. | 26 | .. | *04* | 22. | K | K0 |
| 5667 | Lupus | — | 9682 | *5192* | 20672 | 9.5 | −41 8 | 5.20 | .. | .. | .. | .. | *01* | 07 | .. | *07* | .. | .. | .. | .. | 20 | .. | 10 | 14. | F 5 | F5 Comp |
| 5668 | Lupus | — | 9749 | .. | 20670 | 9.5 | −43 7 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | B 5 | B5 |
| 5669 | Libra | — | *3840* | .. | 20689 | 9.6 | − 5 8 | 6.45 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K 5 | K2 |
| 5670 | Circinus | β | 5875 | *5193* | 20668 | 9.6 | −58 26 | 4.16 | .. | .. | .. | .. | *16* | .. | .. | 17 | .. | 35 | .. | .. | 09 | .. | R | 10. | A 3 | A3 |
| 5671 | T. Aust. | γ | 2383 | *5194* | 20657 | 9.6 | −68 19 | 3.06 | .. | .. | .. | .. | *06* | .. | .. | 05 | .. | 03 | .. | .. | 24 | .. | *01* | 12. | A | A0 |
| 5672 | U. Min. | — | 823 | .. | .. | 9.7 | +68 10 | 6.15 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30b | .. | .. | .. | *11* | A 2 | A2 |
| 5673 | Bootes | — | 2629 | 2534 | .. | 9.8 | +38 39 | 6.42 | *05* | .. | .. | .. | .. | *09* | 14 | .. | .. | .. | .. | *06*c | .. | .. | *07* | .. | K | K0 |
| 5674 | Bootes | — | 2561 | .. | .. | 10.0 | +32 9 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *10*d | .. | .. | .. | .. | K p | K5 |
| 5675 | Serpens | 3 | 2985 | 2535 | .. | 10.2 | + 5 19 | 5.44 | *03* | .. | .. | 14 | .. | *07* | *02* | .. | *34* | .. | 11 | *04*d | .. | .. | *29* | 47 | G 2 | K0 |
| 5676 | Bootes | χ 48 | 2640 | 2537 | .. | 10.3 | +29 32 | 5.26 | 07 | .. | .. | .. | .. | *06* | .. | .. | 04 | .. | 21 | 23a | .. | .. | 04 | *09* | A | A0 |
| 5677 | Bootes | — | 2577 | .. | .. | 10.5 | +42 33 | 6.37 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 01d | .. | .. | .. | .. | K p | ma |
| 5678 | Libra | — | *4065* | 2536 | 20700 | 10.5 | −22 2 | 5.71 | 08 | .. | .. | 03 | .. | *05* | 06 | *12* | .. | .. | .. | .. | .. | .. | 14 | 20 | K | K2 |
| 5679 | Serpens | 4 | 3327 | 2538 | .. | 10.7 | + 0 44 | 5.63 | *24* | .. | 06 | .. | .. | 04 | 13 | .. | *15* | .. | *04* | 11b | .. | .. | *23* | *19* | A 5 | A3 |
| 5680 | Circinus | — | 5720 | *5201* | 20695 | 10.8 | −60 8 | 5.50 | .. | .. | .. | .. | *15* | .. | .. | 16 | .. | .. | .. | .. | .. | .. | *18* | 4. | Oe 5 | Oe5 |
| 5681 | Bootes | δ 49 | 2561 | 2541 | .. | 11.5 | +33 41 | 3.54 | *04* | .. | .. | .. | .. | 03 | .. | .. | 21 | *12* | *10* | 05c | .. | 05 | *07* | 118 | K | K0 |
| 5682 | Lupus | — | 9481 | .. | 20716 | 11.5 | −40 42 | 6.32 | .. | .. | .. | .. | .. | *20* | .. | 20 | .. | .. | .. | .. | .. | .. | .. | 7. | A 5 | A5 |
| 5683 | Lupus | μ | 9860 | *5207* | 20713 | 11.5 | −47 31 | 4.36 | .. | .. | .. | .. | *18* | .. | .. | 17 | .. | *44* | .. | .. | 24 | .. | *21* | 7. | B 8 | B8 |
| 5684 | T. Aust. | — | 2836 | .. | 20703 | 11.5 | −67 7 | 6.48 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | A | B5 |
| 5685 | Libra | β 27 | *3935* | 2539 | 20723 | 11.6 | − 9 1 | 2.74 | 00 | .. | .. | 11 | .. | *08* | *15* | 10 | 66 | 10 | .. | .. | .. | .. | *09* | 40 | B 8 | B8 |
| 5686 | Lupus | f 2 | 11630 | 2540 | 20721 | 11.7 | −29 47 | 4.43 | 26 | .. | .. | *22* | *06* | 01 | .. | *01* | *23* | .. | .. | .. | .. | .. | *20* | 25. | K | K0 |
| 5687 | Lupus | — | 9496 | *5214* | 20731 | 12.4 | −40 26 | 5.78 | .. | .. | .. | .. | *09* | .. | .. | 09 | .. | .. | .. | .. | *13* | .. | *08* | 6. | B 8 | B8 |
| 5688 | Lupus | — | 12117 | .. | 20734 | 12.5 | −30 51 | 6.32 | .. | .. | .. | .. | .. | .. | 08 | *08* | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 5689 | Lupus | — | 10062 | .. | 20746 | 13.2 | −36 44 | 6.24 | .. | .. | .. | .. | .. | .. | 01 | *02* | .. | .. | .. | .. | .. | .. | .. | 10. | G 5 | B5 |
| 5690 | Serpens | — | *3337* | .. | .. | 13.3 | − 0 6 | 6.04 | .. | .. | 09 | .. | .. | *08* | .. | .. | .. | .. | .. | 07d | .. | .. | .. | 17 | K | K5 |
| 5691 | U. Min. | — | 876 | 2545 | .. | 13.5 | +67 44 | 5.23 | 24 | .. | .. | .. | .. | *06* | *18* | .. | .. | .. | 01 | 08c | .. | .. | 27 | 24 | G | B0 |
| 5692 | Bootes | — | *2755* | 2542 | .. | 13.9 | +20 57 | 5.66 | *04* | .. | .. | .. | .. | 04 | .. | .. | .. | .. | *14* | 10c | .. | .. | *06* | 83 | K | G5 |
| 5693 | U. Min. | — | 789 | .. | .. | 14.1 | +69 18 | 6.50 | .. | .. | *06* | .. | .. | .. | 06 | .. | .. | .. | .. | 26b | .. | .. | .. | *32* | A | A0 |
| 5694 | Serpens | 5 | 2944 | 2544 | .. | 14.2 | + 2 9 | 5.18 | *06* | .. | .. | .. | .. | 03 | 02 | .. | *18* | .. | *05* | *01*b | .. | .. | *08* | 16 | G | B0 |
| 5695 | Lupus | δ | 9538 | *5220* | 20779 | 14.8 | −40 17 | 3.43 | .. | .. | .. | .. | *06* | *03* | R | 08 | .. | 01 | .. | .. | 02 | .. | 05 | 2. | B 2 | B2 |
| 5696 | Lupus | — | 9539 | *5223* | 20782 | 15.0 | −40 24 | 6.24 | .. | .. | .. | .. | *11* | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 6. | A 2 | A2 |
| 5697 | Lupus | — | 10171 | .. | 20787 | 15.1 | −37 52 | 6.58 | .. | .. | .. | .. | .. | .. | *12* | 12 | .. | .. | .. | .. | .. | .. | .. | 0. | A | A0p |
| 5698 | Lupus | ν¹ | 9922 | *5226* | 20786 | 15.1 | −47 34 | 5.06 | .. | .. | .. | .. | *08* | .. | .. | 07 | .. | .. | .. | .. | 09 | .. | *04* | 15. | F 8 | F8 |
| 5699 | Lupus | ν² | 9919 | *5227* | 20783 | 15.1 | −47 57 | 5.71 | .. | .. | .. | .. | *05* | .. | .. | 05 | .. | .. | .. | .. | *06* | .. | *06* | 15. | G | B0 |
| 5700 | Circinus | — | 5760 | *5228* | 20775 | 15.1 | −60 18 | 5.63 | .. | .. | .. | .. | *05* | .. | .. | 05 | .. | .. | .. | .. | .. | .. | 02 | 9. | F 5 | F5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHa



15h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 5701 | Libra | 28 | 4312 | .. | 20792 | 15.2 | −17 48 | 6.20 | .. | .. | .. | 04 | .. | 05 | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | G | K0 |
| 5702 | Bootes | — | 2574 | .. | .. | 15.4 | +32 54 | 6.14 | .. | .. | .. | .. | .. | 17 | 18 | .. | .. | .. | .. | 48a | .. | .. | .. | 20 | A2 | A2 |
| 5703 | Libra | o 29 | 4083 | 2547 | 20799 | 15.4 | −15 12 | 6.11 | 13 | .. | 08 | .. | .. | 01 | 05 | .. | 26 | .. | .. | .. | .. | .. | 29 | 08 | A | F5 |
| 5704 | Circinus | γ | 5908 | 5229 | 20785 | 15.4 | −58 58 | 4.54 | .. | .. | .. | .. | 13 | .. | .. | 14 | .. | 03 | .. | .. | 11 | .. | 06 | 8. | B5p | B5 comp |
| 5705 | Lupus | φ¹ | 10236 | 5230 | 20793 | 15.5 | −35 54 | 3.59 | .. | 05 | .. | .. | 31 | 22 | 13 | 02 | .. | 19 | .. | .. | 16 | .. | 19 | 27. | K5 | K5 |
| 5706 | Serpens | — | 3047 | .. | 20809 | 15.6 | − 2 3 | 6.50 | .. | .. | 07 | .. | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 50 | K | K2 |
| 5707 | Libra | — | 4057 | .. | 20813 | 15.8 | − 5 28 | 5.60 | .. | .. | 05 | .. | .. | 04 | 03 | 02 | .. | .. | .. | .. | .. | .. | .. | 31 | K | K2 |
| 5708 | Lupus | ε | 10066 | 5231 | 20806 | 15.9 | −44 20 | 3.74 | .. | .. | .. | .. | 18 | 23 | .. | 06 | .. | 17 | .. | .. | 14 | .. | 32 | 5. | B3 | B3 |
| 5709 | C. Bor. | o 1 | 2647 | 2549 | .. | 16.0 | +29 59 | 5.57 | 12 | .. | 16 | 03 | .. | 07 | 06 | .. | 13 | .. | 04 | 21c | .. | .. | 03 | 70 | K | K0 |
| 5710 | Serpens | 6 | 3067 | 2548 | .. | 16.0 | + 1 4 | 5.48 | 02 | .. | .. | .. | .. | 09 | 08 | .. | 01 | .. | 15 | 14c | .. | .. | 02 | 54 | K | K0 |
| 5711 | C. Bor. | — | 2902 | 2550 | .. | 16.7 | +25 20 | 6.44 | 08 | .. | .. | .. | .. | 09 | R | .. | .. | .. | .. | 09c | .. | .. | 04 | .. | K | K0 |
| 5712 | Lupus | φ² | 10103 | 5237 | 20825 | 16.8 | −36 30 | 4.69 | .. | 15 | .. | .. | 00 | 06 | 09 | 20 | .. | 05 | .. | .. | 36 | .. | 04 | 1. | B3 | B3 |
| 5713 | T. Aust. | — | 2864 | .. | 20811 | 16.8 | −67 58 | 5.96 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09 | .. | .. | 15. | G | K0 |
| 5714 | U. Min. | 11 | 678 | 2555 | .. | 17.2 | +72 11 | 5.14 | 03 | .. | .. | 01 | .. | 00 | 00 | .. | 26 | .. | .. | 04d | .. | .. | 00 | 116 | K | K0 |
| 5715 | Draco | — | 1869 | 2552 | .. | 17.2 | +52 17 | 5.52 | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 35 | 47b | .. | 27 | 08 | 14 | A3 | A3 |
| 5716 | Herc. | — | 2453 | .. | .. | 17.3 | +44 48 | 5.88 | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | .. | 52b | .. | .. | .. | 29 | A | F0 |
| 5717 | Serpens | 7 | 2928 | .. | .. | 17.7 | +12 56 | 6.20 | .. | .. | .. | 03 | .. | 03 | .. | .. | 30 | .. | .. | 40a | .. | .. | .. | 24 | A | A0 |
| 5718 | Bootes | 50 | 2581 | 2554 | .. | 17.8 | +33 17 | 5.36 | 02 | .. | .. | .. | .. | 13 | 14 | .. | 06 | .. | 21 | 28a | .. | .. | 11 | 11 | B8 | B9 |
| 5719 | Lupus | υ | 9827 | 5245 | 20847 | 18.2 | −39 22 | 5.38 | .. | 14 | .. | .. | 05 | 13 | 06 | 27 | .. | .. | .. | .. | 17 | .. | 06 | 10. | A | A0 |
| 5720 | Libra | — | 3940 | .. | 20855 | 18.4 | −12 1 | 5.78 | .. | .. | .. | 06 | .. | 09 | 13 | 02 | .. | .. | .. | .. | .. | .. | .. | 18 | G5 | K0 |
| 5721 | Serpens | 8 | 2961 | 2556 | 20864 | 18.6 | − 0 40 | 6.10 | 01 | .. | 03 | 08 | .. | 09 | .. | .. | 10 | .. | .. | .. | .. | .. | 15 | 47 | A | F0 |
| 5722 | Lupus | — | 10225 | .. | 20856 | 18.6 | −37 49 | 7.09 | .. | .. | .. | .. | .. | .. | 21 | 21 | .. | .. | .. | .. | 84 | .. | .. | 3. | A | A2 |
| 5723 | Libra | ε 31 | 4138 | 2557 | 20866 | 18.8 | − 9 57 | 5.08 | 07 | .. | 07 | 15 | .. | 19 | .. | 02 | 12 | .. | .. | .. | .. | .. | 20 | 27 | F | A2 F0 |
| 5724 | Lupus | k | 10289 | 5251 | 20861 | 18.8 | −38 22 | 4.68 | .. | 08 | .. | .. | 05 | 05 | 05 | 22 | .. | .. | .. | .. | 32 | .. | 00 | 9. | A | A0 |
| 5725 | T. Aust. | — | 3178 | .. | 20849 | 18.8 | −64 11 | 5.72 | .. | .. | .. | .. | .. | .. | .. | 00 | .. | .. | .. | .. | 62 | .. | .. | 23. | K | K0 |
| 5726 | Bootes | — | 2877 | 2558 | .. | 18.9 | +39 56 | 5.85 | 09 | .. | 01 | .. | .. | 08 | .. | .. | .. | .. | 04 | 21e | .. | .. | 20 | 89 | K | K5 |
| 5727 | C. Bor. | η 2 | 2653 | 2559 | .. | 19.1 | +30 39 | 5.58 | 07 | .. | .. | 02 | .. | 02 | 08 | .. | 05 | .. | 00 | 19a | .. | .. | 05 | 45 | G | B0 |
| 5728 | C. Bor. | | | 2560 | .. | 19.1 | +30 39 | 6.08 | | | | | | | | | | | | | | | | | | |
| 5729 | Octans | ρ | 510 | 5258 | 20818 | 20.2 | −84 8 | 5.66 | .. | .. | .. | .. | 04 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | 06 | 4. | A | A2 ~~B5p~~ |
| 5730 | Apus | κ¹ | 1802 | 5263 | 20878 | 20.6 | −73 2 | 5.65 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | 35 | .. | 03 | 4. | B5p | B5p |
| 5731 | Draco | — | 1410 | 2564 | .. | 20.7 | +62 23 | 5.80 | 12 | .. | .. | 05 | .. | 06 | 12 | .. | .. | .. | .. | 42b | .. | .. | 17 | 02 | A | B9 |
| 5732 | Herc. | — | 2284 | 2562 | .. | 20.7 | +45 37 | 6.24 | 07 | .. | .. | .. | .. | 03 | 03 | .. | .. | .. | .. | 05d | .. | .. | 14 | 40 | K | K0 |
| 5733 | Bootes | μ 51 | 2636 | 2561 | .. | 20.7 | +37 44 | 4.47 | 05 | .. | .. | 04 | .. | 10 | .. | .. | 02 | .. | 19 | 04b | .. | .. | 06 | 35 | F | F0 |
| 5734 | Bootes | | | | .. | 20.7 | +37 42 | 6.66 | | | | | | | | | | | | 02b | | | | | K | K0 |
| 5735 | U. Min. | γ 13 | 679 | 2566 | .. | 20.9 | +72 11 | 3.14 | 04 | 03 | .. | .. | .. | 04 | 02 | .. | R | .. | 12 | 20b | .. | 07 | 02 | R | A2 | A2 |
| 5736 | Lupus | — | 10161 | 5264 | 20909 | 20.9 | −36 25 | 5.52 | .. | 08 | .. | .. | 08 | 20 | 06 | 26 | .. | .. | .. | .. | .. | .. | 07 | 5. | B5 | B5 |
| 5737 | Draco | — | 1192 | 2565 | .. | 21.0 | +63 42 | 5.78 | 09 | .. | .. | 04 | .. | 03 | 03 | .. | .. | .. | 10 | 12c | .. | .. | 08 | 107 | K | K2 |
| 5738 | Lupus | — | 9132 | .. | 20910 | 21.1 | −51 15 | 6.16 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | F8 | K0 |
| 5739 | Serpens | τ¹ 9 | 2858 | 2563 | .. | 21.2 | +15 47 | 5.46 | 03 | .. | .. | .. | .. | 01 | 04 | .. | 04 | .. | 05 | 32d | .. | .. | 28 | 73 | Ma | ma |
| 5740 | Bootes | — | 2966 | .. | .. | 21.4 | +19 50 | 6.29 | .. | .. | 09 | .. | .. | 08 | 02 | .. | .. | .. | .. | 21b | .. | .. | .. | 17 | G5 | B0 |
| 5741 | Bootes | — | 2645 | 2568 | .. | 22.4 | +34 41 | 5.87 | 40 | .. | 15 | .. | .. | 25 | .. | .. | .. | .. | 63 | 29c | .. | .. | 43 | 58 | K | K0 |
| 5742 | Lupus | — | 10100 | 5282 | 20948 | 22.4 | −46 23 | 5.05 | .. | .. | .. | .. | 17 | .. | .. | 17 | .. | .. | .. | .. | .. | .. | 05 | 27. | K | K0 |
| 5743 | Libra | 32 | 4089 | 2567 | 20960 | 22.6 | −16 22 | 5.92 | 29 | .. | .. | .. | .. | 08 | 05 | 18 | 17 | .. | .. | .. | .. | .. | 10 | .. | K | K0 |
| 5744 | Draco | ι 12 | 1654 | 2569 | .. | 22.7 | +59 19 | 3.47 | 12 | 01 | .. | .. | .. | 05 | 06 | .. | 05 | .. | 21 | 05d | .. | 09 | 07 | 155 | K | K0 |
| 5745 | ~~Corona~~ | — | 2916 | 2570 | .. | 23.3 | +25 26 | 6.26 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | 26d | .. | .. | 04 | 38 | K | K5 |
| 5746 | Serpens | 10 | 2965 | 2571 | .. | 23.6 | + 2 12 | 5.12 | 06 | .. | .. | .. | .. | 14 | 20 | .. | 10 | .. | 07 | 34b | .. | .. | 02 | 16 | A5 | A5 |
| 5747 | C. Bor. | β 3 | 2670 | 2572 | .. | 23.7 | +29 27 | 3.72 | 07 | .. | .. | .. | .. | 07 | .. | .. | 08 | .. | 13 | 18a | .. | .. | 16 | 44 | Fp | F0p |
| 5748 | Draco | — | 1747 | .. | .. | 23.8 | +54 21 | 6.18 | .. | .. | 03 | .. | .. | 02 | .. | .. | .. | .. | .. | 55b | .. | .. | .. | 04 | A | A2 |
| 5749 | Libra | — | 4246 | .. | 21008 | 24.8 | −20 23 | 6.10 | .. | .. | 12 | .. | .. | 03 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | 56 | A | A2 |
| 5750 | Libra | 34 | 4099 | 2573 | 21014 | 25.0 | −16 16 | 5.86 | 05 | .. | .. | .. | .. | 06 | 10 | 03 | 24 | .. | .. | .. | .. | .. | 08 | 13 | G5 | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**15h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 5751 | Lupus | — | 10425 | .. | 21022 | 25.5 | −38 16 | 6.34 | .. | .. | .. | .. | .. | .. | 04 | 03 | .. | .. | .. | .. | .. | .. | .. | 5. | A 5 | $A_3$ |
| 5752 | Herc. | — | 2227 | 2574 | .. | 25.6 | +47 35 | 5.96 | 06 | .. | .. | .. | .. | 07 | .. | .. | .. | .. | .. | 47b | .. | .. | 19 | 17 | A | $A_0$ |
| 5753 | Lupus | — | 10868 | .. | 21024 | 25.6 | −32 32 | 6.56 | .. | .. | .. | .. | .. | .. | 11 | 10 | .. | .. | .. | .. | .. | .. | .. | 4. | A | $B_8$ |
| 5754 | Draco | — | 1414 | 2580 | .. | 25.8 | +62 37 | 6.37 | 09 | .. | .. | .. | .. | 05 | 03 | .. | .. | .. | 32 | 33b | .. | .. | 15 | 06 | A | $A_0$ |
| 5755 | Draco | — | 1509 | 2575 | .. | 25.9 | +61 1 | 6.08 | 21 | .. | .. | .. | .. | 02 | 22 | .. | .. | .. | 02 | 09d | .. | .. | 04 | 85 | G 5 | $K_5$ |
| 5756 | Libra | — | 4128 | .. | 21034 | 25.9 | −19 49 | 6.10 | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | F | $A_5$ |
| 5757 | Apus | — | 1134 | .. | 20992 | 26.0 | −77 35 | 6.04 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | Ma | $K_2$ |
| 5758 | Serpens | — | 3055 | .. | .. | 26.1 | + 8 55 | 6.46 | .. | .. | 04 | .. | .. | .. | 04 | .. | .. | .. | .. | 35b | .. | .. | .. | 52 | F | $F_2$ |
| 5759 | Draco | — | 1756 | .. | .. | 26.4 | +55 33 | 6.30 | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | .. | 50b | .. | .. | .. | 03 | A | $A_2$ |
| 5760 | C. Bor. | — | 2742 | .. | .. | 26.4 | +31 39 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 45a | .. | .. | .. | 23 | A 2 | $A_2$ |
| 5761 | Bootes | — | 2651 | 2578 | .. | 26.7 | +37 9 | 6.52 | 08 | .. | .. | .. | .. | 09 | .. | .. | .. | .. | 17 | 22c | .. | .. | .. | 25 | G | $K_0$ |
| 5762 | Libra | — | 4135 | 2576 | 21053 | 26.8 | −19 20 | 5.46 | 04 | .. | 09 | .. | .. | 03 | .. | 14 | .. | .. | .. | .. | .. | .. | 06 | 09 | A 2 | $A_2$ |
| 5763 | Bootes | ν 52 | 2609 | 2583 | .. | 27.3 | +41 10 | 5.15 | 06 | .. | .. | 02 | .. | 05 | .. | .. | 05 | .. | 51 | 02e | .. | .. | 05 | 137 | K 5 | $K_5$ |
| 5764 | Libra | ζ 35 | 4110 | 2577 | 21066 | 27.3 | −16 31 | 5.59 | 18 | .. | .. | 08 | .. | 02 | .. | 11 | 36 | .. | .. | .. | .. | .. | 17 | 44 | B 3 | $B_3$ |
| 5765 | Libra | — | 12155 | .. | 21062 | 27.3 | −24 9 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 52 | A | $A_3$ |
| 5766 | T. Aust. | — | 3100 | 5308 | 21045 | 27.3 | −65 16 | 6.52 | .. | .. | .. | .. | 12 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | 7. | A 5 | $F_0$ |
| 5767 | Lupus | — | 9970 | .. | 21064 | 27.4 | −39 43 | 5.94 | .. | .. | .. | .. | .. | .. | 15 | 14 | .. | .. | .. | .. | .. | .. | .. | 13. | Ma | Ma |
| 5768 | Draco | — | 1416 | .. | .. | 27.6 | +62 27 | 6.49 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 03c | .. | .. | .. | 46 | K | $K_5$ |
| 5769 | Bootes | — | 2653 | 2579 | .. | 27.6 | +36 57 | 6.32 | 07 | .. | .. | 05 | .. | 05 | 15 | .. | .. | .. | 04 | 36b | .. | .. | 07 | 05 | F | $F_5$ |
| 5770 | Serpens | τ² 12 | 2797 | 2581 | .. | 27.6 | +16 24 | 6.14 | 01 | .. | .. | .. | .. | 03 | 02 | .. | 06 | .. | 09 | 41a | .. | .. | 04 | 17 | A | $B_9$ |
| 5771 | T. Aust. | ε | 3102 | 5305 | 21051 | 27.6 | −65 59 | 4.11 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | 49 | .. | .. | .. | 34 | .. | 01 | 21. | K | $K_0$ |
| 5772 | Serpens | A¹11 | 2982 | 2582 | R | 27.8 | − 0 51 | 5.76 | 09 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | 15 | .. | .. | .. | 04 | 10 | K | $K_0$ |
| 5773 | Lupus | — | 10464 | .. | 21069 | 27.8 | −39 0 | 6.46 | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | 3. | A | $B_9$ |
| 5774 | Bootes | R 53 | 2611 | 2584 | .. | 28.2 | +41 14 | 4.98 | 06 | .. | .. | .. | .. | 00 | 05 | .. | 02 | .. | 00 | 23b | .. | .. | 22 | 14 | A 2 | $A_2$ |
| 5775 | Libra | 36 | 10443 | 2585 | 21090 | 28.5 | −27 42 | 5.19 | 07 | .. | .. | 20 | .. | 13 | 05 | 05 | 29 | .. | .. | .. | .. | .. | .. | 69 | K | $K_0$ |
| 5776 | Lupus | γ | 9760 | 5310 | 21084 | 28.5 | −40 50 | 2.95 | .. | .. | .. | .. | 01 | 11 | 01 | 12 | .. | 09 | .. | .. | .. | 10 | .. | 05 | 12. | B 3 | $B_3$ |
| 5777 | Libra | 37 | 4171 | 2586 | 21096 | 28.7 | − 9 43 | 4.83 | 03 | .. | 09 | 21 | .. | 02 | .. | 11 | 07 | .. | .. | .. | .. | .. | 08 | 47 | K | $K_0$ |
| 5778 | C. Bor. | θ 4 | 2750 | 2588 | .. | 28.9 | +31 42 | 4.17 | 10 | .. | .. | .. | .. | 10 | .. | .. | 13 | .. | 09 | 27a | .. | .. | 13 | 23 | B 5 | $B_5$ |
| 5779 | Libra | — | 4100 | .. | 21108 | 29.0 | − 5 21 | 6.46 | .. | .. | 06 | .. | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | $G_0$ |
| 5780 | Libra | — | 4010 | 2587 | 21105 | 29.0 | − 8 51 | 5.15 | 20 | .. | .. | 07 | .. | 04 | 05 | 10 | .. | .. | .. | .. | .. | .. | 15 | 19 | B 3 | $B_5$ |
| 5781 | Lupus | d | 10239 | 5312 | 21095 | 29.0 | −44 37 | 4.84 | .. | .. | .. | .. | 08 | 11 | .. | 04 | .. | 13 | .. | .. | .. | 16 | .. | 09 | 5. | B 3 | $B_3$ |
| 5782 | Apus | κ² | 1625 | 5313 | 21078 | 29.2 | −73 7 | 5.76 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | 46 | .. | 04 | 2. | B 8 | $B_8$ |
| 5783 | Serpens | — | 2880 | .. | .. | 29.3 | +17 29 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32b | .. | .. | .. | 00 | A | $F_0$ |
| 5784 | Lupus | — | 10036 | 5315 | 21102 | 29.3 | −44 4 | 5.47 | .. | .. | .. | .. | 18 | 29 | .. | 10 | .. | .. | .. | .. | .. | .. | 07 | 17. | K | $K_5$ |
| 5785 | Draco | — | 1074 | 2593 | .. | 29.6 | +64 33 | 5.88 | 06 | 01 | .. | .. | .. | 05 | 03 | .. | .. | .. | 03 | 01c | .. | 08 | 23 | 61 | G 5 | $G_5$ |
| 5786 | Apus | — | 1222 | .. | 21081 | 29.6 | −75 45 | 6.02 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32 | .. | .. | 0. | A | $A_0$ |
| 5787 | Libra | γ 38 | 4237 | 2589 | 21127 | 29.9 | −14 27 | 4.02 | 01 | .. | 04 | 11 | .. | 08 | .. | 24 | 02 | 01 | .. | .. | .. | .. | 07 | 81 | K | $K_0$ |
| 5788 | Serpens | δ 13 | 2821 | 2590 | .. | 30.0 | +10 53 | 5.16 | 11 | .. | .. | .. | .. | 11 | .. | .. | 05 | 18 | 05 | 23b | .. | .. | .. | 20 | A 5 | $F_0$ |
| 5789 | Serpens | | | 2591 | .. | 30.0 | +10 53 | 4.23 | | | | | | | | | | | | | | | | | | |
| 5790 | Lupus | — | 10930 | .. | 21122 | 30.0 | −32 45 | 6.29 | .. | .. | .. | .. | .. | .. | 11 | 11 | .. | .. | .. | .. | .. | .. | .. | 4. | A | $B_9$ |
| 5791 | Serpens | — | 2977 | 2592 | .. | 30.1 | + 2 0 | 6.58 | 09 | .. | .. | .. | .. | 08 | 01 | .. | .. | .. | .. | 40b | .. | .. | 33 | 36 | A 8 | $A_3$ |
| 5792 | T. Aust. | — | 2422 | 5319 | 21103 | 30.2 | −69 54 | 6.46 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | 7. | A | $A_2$ |
| 5793 | C. Bor. | a 5 | 2512 | 2594 | .. | 30.5 | +27 3 | 2.31 | 06 | .. | .. | .. | .. | 06 | .. | .. | 06 | 14 | 08 | 27a | .. | .. | 12 | R | A | $A_0$ |
| 5794 | Libra | υ 39 | 10464 | 2595 | 21146 | 30.9 | −27 48 | 3.78 | 15 | .. | .. | 23 | .. | 07 | 15 | 14 | 42 | 42 | .. | .. | .. | .. | 03 | 130 | K 2 | $K_2$ |
| 5795 | Serpens | τ³ 15 | 3044 | 2596 | .. | 31.0 | +18 0 | 6.06 | 02 | .. | .. | .. | .. | 03 | .. | .. | 06 | .. | 09 | 30c | .. | .. | 03 | 44 | K | $K_0$ |
| 5796 | Serpens | — | 2826 | .. | .. | 31.1 | +11 35 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 24c | .. | .. | .. | .. | G 2 | $G_5$ |
| 5797 | Lupus | ω | 10601 | 5324 | 21153 | 31.3 | −42 14 | 4.27 | .. | .. | .. | .. | 23 | 12 | R | 10 | .. | 43 | .. | .. | .. | 63 | .. | 22 | 23. | K 5 | $K_5$ |
| 5798 | Norma | — | 9324 | 5325 | 21150 | 31.3 | −52 2 | 5.48 | .. | .. | .. | .. | 08 | .. | .. | 07 | .. | .. | .. | .. | .. | 17 | .. | 03 | 3. | B 9 | $A_0$ |
| 5799 | Serpens | 14 | 2988 | .. | 21167 | 31.4 | − 0 14 | 6.51 | .. | .. | 03 | 14 | .. | .. | 11 | .. | 31 | .. | .. | .. | .. | .. | .. | 30 | F 5 | $F_5$ |
| 5800 | C. Bor. | μ 6 | 2889 | 2598 | .. | 31.5 | +39 21 | 5.44 | 00 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 00 | 18d | .. | .. | 24 | 95 | K 5 | Ma |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**15h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ′ | | | | | | | | | | | | | | | | | | |
| 5801 | Libra | — | 11000 | .. | 21162 | 31.5 | −25 57 | 6.03 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 60 | B 9 |
| 5802 | Serpens | 16 | 2884 | 2597 | .. | 31.7 | +10 21 | 5.40 | 07 | .. | 03 | .. | .. | 03 | .. | .. | 00 | .. | 18 | 28b | .. | .. | 05 | 43 | K |
| 5803 | Norma | — | 6206 | .. | 21155 | 31.7 | −59 34 | 6.06 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | F |
| 5804 | Serpens | $\tau^5$ 18 | 2807 | 2600 | .. | 31.9 | +16 27 | 5.88 | 14 | .. | .. | .. | .. | 02 | 12 | .. | R | .. | 16 | 38b | .. | .. | 22 | 21 | F |
| 5805 | Lupus | — | 10532 | .. | 21174 | 31.9 | −38 50 | 6.62 | .. | .. | .. | .. | .. | .. | 16 | 16 | .. | .. | .. | .. | .. | .. | .. | 5. | A |
| 5806 | Libra | — | 3989 | .. | 21176 | 32.0 | −22 49 | 5.82 | .. | .. | .. | 06 | .. | 02 | 14 | 09 | .. | .. | .. | .. | .. | .. | .. | 17 | K |
| 5807 | Lupus | — | 10536 | 5331 | 21177 | 32.1 | −38 48 | 6.02 | .. | 02 | .. | .. | 16 | 15 | 02 | 29 | .. | .. | .. | .. | .. | .. | 12 | 11. | A 5 |
| 5808 | C. Bor. | — | 2678 | .. | .. | 32.2 | +38 42 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 02c | .. | .. | .. | .. | K |
| 5809 | Libra | — | 10478 | .. | 21180 | 32.2 | −27 53 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 8. | K |
| 5810 | Libra | — | 4285 | .. | 21187 | 32.4 | −20 41 | 5.94 | .. | .. | 07 | .. | .. | 09 | 03 | .. | .. | .. | .. | .. | .. | .. | 06 | 11 | K |
| 5811 | Draco | — | 1756 | 2604 | .. | 32.6 | +54 16 | 6.03 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 00 | 10d | .. | .. | 05 | 93 | K |
| 5812 | *Libra* | $\tau$ 40 | 11837 | 2601 | 21186 | 32.6 | −29 27 | 3.80 | 11 | .. | .. | 13 | .. | 00 | .. | 00 | 10 | .. | .. | .. | .. | .. | 15 | 1. | B 3 |
| 5813 | C. Bor. | — | 2682 | 2602 | .. | 32.8 | +30 19 | 6.52 | 16 | .. | 19 | 02 | .. | 05 | .. | .. | .. | .. | 18 | 23b | .. | .. | .. | 20 | K |
| 5814 | Libra | 41 | 4118 | 2603 | 21202 | 33.1 | −18 58 | 5.53 | 15 | .. | .. | 03 | .. | 00 | 19 | 01 | 07 | .. | .. | .. | .. | .. | 17 | 26 | A |
| 5815 | Libra | — | 4031 | 2606 | 21208 | 33.2 | − 8 28 | 6.61 | 17 | .. | .. | 13 | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 22 | 14 | F |
| 5816 | Libra | — | | | 21209 | 33.2 | − 8 28 | 6.54 | | | | | | | | | | | | | | | | | |
| 5817 | Draco | — | 1886 | 2607 | .. | 33.3 | +52 24 | 6.48 | 31 | .. | .. | 12 | .. | 19 | .. | .. | .. | .. | .. | 46b | .. | .. | 23 | 28 | A |
| 5818 | Draco | — | 1766 | 2608 | .. | 33.4 | +54 57 | 5.74 | 04 | .. | 07 | 01 | .. | 11 | .. | .. | .. | .. | .. | 26b | .. | .. | 21 | 10 | A |
| 5819 | Libra | — | 3996 | .. | 21211 | 33.5 | −22 49 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 66 | A |
| 5820 | Lupus | $\psi^1$ 3 | 10631 | 5337 | 21207 | 33.5 | −34 5 | 4.63 | 05 | 13 | .. | .. | 19 | 01 | 19 | 16 | 17 | .. | .. | .. | 32 | .. | 11 | 20. | K |
| 5821 | Lupus | — | 10210 | .. | 21215 | 33.9 | −47 25 | 6.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | K |
| 5822 | Lupus | — | 12431 | .. | 21224 | 34.0 | −30 53 | 6.49 | .. | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | .. | .. | .. | 15. | G 2 |
| 5823 | Bootes | $\varphi$ 54 | 2907 | 2611 | .. | 34.2 | +40 41 | 5.41 | 03 | .. | .. | 09 | .. | 11 | .. | .. | 51 | .. | 17 | 01c | .. | .. | 01 | 59 | K |
| 5824 | Libra | 42 | 12458 | 2610 | 21234 | 34.3 | −23 30 | 5.06 | 16 | .. | .. | 15 | .. | 01 | .. | 02 | 24 | .. | .. | .. | .. | .. | 01 | 63 | K |
| 5825 | Lupus | g | 10310 | 5344 | 21226 | 34.3 | −44 20 | 4.69 | .. | .. | .. | .. | 18 | 07 | 05 | 06 | .. | 04 | .. | .. | 31 | .. | 21 | 14. | F |
| 5826 | U. Min. | $\theta$ 15 | 592 | 2616 | .. | 34.4 | +77 41 | 5.33 | 02 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | 31 | 23d | .. | .. | 06 | 95 | K 5 |
| 5827 | C. Bor. | — | 2711 | .. | .. | 34.9 | +35 0 | 6.19 | .. | .. | 02 | .. | .. | 09 | 12 | .. | .. | .. | .. | 09b | .. | .. | .. | 62 | G |
| 5828 | Draco | — | 1758 | 2612 | .. | 35.0 | +54 51 | 6.00 | 06 | .. | 09 | .. | .. | 03 | .. | .. | .. | .. | .. | 00d | .. | .. | 10 | 82 | K |
| 5829 | U. Min. | — | 480 | .. | .. | 35.1 | +80 47 | 6.47 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 40c | .. | .. | .. | 04 | F |
| 5830 | Herc. | — | 2253 | 2613 | .. | 35.1 | +47 8 | 5.78 | 04 | .. | .. | .. | .. | 02 | 02 | .. | .. | .. | 15 | 23c | .. | .. | 08 | 16 | A |
| 5831 | Serpens | — | 2875 | .. | .. | 35.4 | +12 23 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09c | .. | .. | .. | .. | G 2 |
| 5832 | Norma | — | 9909 | .. | 21244 | 35.4 | −49 10 | 6.06 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K |
| 5833 | C. Bor. | $\zeta$ 7 | 2665 | 2614 | .. | 35.6 | +36 58 | 6.00 | 06 | .. | .. | .. | .. | 16 | 10 | .. | 14 | .. | 03 | 13a | .. | .. | 11 | 11 | B 8 |
| 5834 | C. Bor. | | | 2615 | .. | 35.6 | +36 58 | 5.07 | | | | | | | | | | | | | | | | | |
| 5835 | Draco | — | 2206 | 2617 | .. | 35.7 | +50 45 | 5.94 | 06 | .. | .. | .. | .. | 14 | 08 | .. | .. | .. | 09 | 14c | .. | .. | 06 | 38 | G 2 |
| 5836 | Norma | — | 6257 | 5353 | 21243 | 35.7 | −59 58 | 6.56 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | 10. | G 2 |
| 5837 | Lupus | h | 10441 | 5354 | 21269 | 36.1 | −37 6 | 5.31 | .. | 06 | .. | .. | 09 | 11 | 09 | 06 | .. | .. | .. | .. | 34 | .. | 09 | 15. | K |
| 5838 | Libra | $\kappa$ 43 | 4188 | 2618 | 21276 | 36.2 | −19 21 | 4.96 | 01 | .. | 27 | 43 | .. | 01 | .. | 16 | 24 | .. | .. | .. | .. | .. | 14 | 79 | K |
| 5839 | Lupus | $\psi^2$ 4 | 10494 | 5356 | 21274 | 36.3 | −34 23 | 4.82 | .. | 10 | .. | .. | 07 | 03 | 00 | 18 | 02 | .. | .. | .. | 03 | .. | 01 | 2. | B 5 |
| 5840 | Serpens | $\tau^6$ 19 | 2816 | 2619 | .. | 36.4 | +16 21 | 5.97 | 13 | .. | .. | .. | .. | 10 | 04 | .. | 14 | .. | 11 | 28d | .. | .. | 08 | 52 | K |
| 5841 | Draco | — | 1583 | .. | .. | 36.9 | +58 14 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 08c | .. | .. | .. | .. | G 5 |
| 5842 | Serpens | $\iota$ 21 | 3138 | 2621 | .. | 37.1 | +20 0 | 4.49 | 06 | .. | 01 | 01 | .. | 05 | .. | .. | 08 | .. | 10 | 33a | .. | .. | 31 | 10 | A 2 |
| 5843 | Serpens | $\chi$ 20 | 2982 | 2620 | .. | 37.1 | +13 10 | 5.26 | 13 | .. | .. | 09 | .. | 04 | .. | .. | 04 | .. | 26 | 24b | .. | 29 | 16 | 02 | B 9 |
| 5844 | U. Min. | — | 806 | 2624 | .. | 37.4 | +69 36 | 5.86 | 11 | .. | 07 | .. | .. | 03 | 05 | .. | .. | .. | 15 | 11d | .. | .. | 04 | 93 | K |
| 5845 | Serpens | $\tau^7$ 22 | 3059 | 2622 | .. | 37.4 | +18 47 | 5.80 | 02 | .. | .. | .. | .. | 04 | 06 | .. | 20 | .. | 24 | 36b | .. | .. | 06 | 07 | A 3 |
| 5846 | Lupus | — | 10245 | .. | 21309 | 37.7 | −41 30 | 6.31 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | A |
| 5847 | Libra | — | 4266 | .. | 21318 | 37.8 | −14 43 | 6.44 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | .. | G |
| 5848 | Libra | $\eta$ 44 | 4171 | 2623 | 21327 | 38.4 | −15 21 | 5.55 | 05 | .. | 05 | 10 | .. | 15 | .. | 13 | 15 | .. | .. | .. | .. | 01 | 30 | 27 | A 5 |
| 5849 | C. Bor. | $\gamma$ 8 | 2722 | 2625 | .. | 38.5 | +26 37 | 3.93 | 25 | .. | .. | .. | .. | 25 | .. | .. | 03 | .. | 02 | 05a | .. | .. | 22 | 20 | A |
| 5850 | Serpens | — | 2922 | .. | .. | 38.5 | +13 59 | 6.44 | .. | .. | 05 | .. | .. | .. | 06 | .. | .. | .. | .. | 28c | .. | .. | .. | .. | F 2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**15h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 5851 | T. Aust. | — | 3139 | *5379* | 21319 | 38.7 | −65 8 | 6.48 | | | | | 06 | | | *06* | | | | | | | *13* | 5. | A 3 | $a_5$ — |
| 5852 | T. Aust. | | | | | 38.7 | −65 8 | 6.52 | | | | | | | | | | | | | | | | | | |
| 5853 | Serpens | ψ 23 | 2989 | 2626 | .. | 39.1 | + 2 50 | 5.80 | *18* | | | | | 11 | 07 | | *20* | | 03 | 42b | | | 20 | 20 | K | $g_5$ — |
| 5854 | Serpens | α 24 | 3088 | 2627 | .. | 39.3 | + 6 44 | 2.75 | *04* | | | | | 04 | | | *05* | 09 | *08* | 13d | | | 19 | 148 | K | $K_0$ |
| 5855 | C. Bor. | π 9 | 2621 | 2628 | .. | 40.1 | +32 50 | 5.60 | 00 | | | 04 | | *05* | R | | *10* | | 16 | 17c | | | *15* | 94 | Ma | $K_0$ |
| 5856 | Libra | — | 10550 | .. | 21355 | 40.1 | −27 45 | 6.45 | | | | | | | A | | | | | | | | | 12. | F | $a_5$ — |
| 5857 | Draco | — | 1898 | 2630 | .. | 40.2 | +52 40 | 5.48 | 12 | | | 02 | | *15* | | | | | 01 | 27b | | | 07 | *14* | A p | $a_0$ p |
| 5858 | Serpens | $\tau^8$ 26 | 2906 | 2629 | .. | 40.2 | +17 34 | 5.89 | *18* | | | | | 02 | 17 | | *04* | | *10* | 62a | | | 14 | 13 | A | $a_0$ |
| 5859 | Serpens | — | 3072 | .. | .. | 40.4 | + 5 45 | 5.56 | | | 10 | | | *09* | | | | | | 39a | | 29 | | *12* | A | $a_0$ |
| 5860 | Lupus | — | 10524 | *5387* | 21360 | 40.4 | −34 22 | 5.61 | | *14* | | | 04 | *09* | *11* | 29 | | | | | *16* | | *11* | 5. | B 8 | $B_8$ |
| 5861 | Serpens | — | 3125 | .. | .. | 40.6 | + 1 10 | 6.46 | | | | | | | A | | | | | 08c | | | | | K | $K_0$ |
| 5862 | Lupus | — | 10157 | *5393* | 21366 | 40.8 | −39 53 | 6.45 | | | | | *05* | | 05 | 00 | | | | | | | | 10. | G 5 | $g_5$ — |
| 5863 | Serpens | $A^2$25 | 3092 | 2631 | 21378 | 40.9 | − 1 30 | 5.37 | 00 | | | | | *08* | *16* | 23 | *27* | | 23 | | | | 18 | *29* | B 8 | $B_8$ |
| 5864 | Lupus | — | 10500 | .. | 21374 | 41.0 | −37 36 | 6.12 | | | | | | | 02 | *01* | | | | | | | | 8. | G | $g_0$ |
| 5865 | Norma | — | 8912 | .. | 21375 | 41.4 | −52 8 | 6.04 | | | | | | | | A | | | | | | | | 16. | K | $K_0$ |
| 5866 | Libra | — | 4161 | .. | 21388 | 41.5 | − 5 49 | 6.36 | | | *16* | | | 04 | 11 | | | | | | | | | | K 5 | $K_0$ |
| 5867 | Serpens | β 28 | 2911 | 2632 | .. | 41.6 | +15 44 | 3.74 | 10 | | | | | *09* | | | 26 | *38* | *19* | 10b | | | 09 | 10 | A 2 | $a_2$ |
| 5868 | Serpens | λ 27 | 3023 | 2633 | .. | 41.6 | + 7 40 | 4.42 | *07* | | | | | 07 | | | *12* | 24 | 26 | 20c | | | 06 | 63 | G | $g_0$ |
| 5869 | Norma | — | 8944 | *5397* | 21399 | 42.5 | −52 54 | 5.96 | | | | | *07* | | | 08 | | | | | *31* | | *01* | 8. | B 9 | $B_8$ |
| 5870 | Serpens | υ 31 | 2939 | 2634 | .. | 42.7 | +14 25 | 5.72 | *05* | | 02 | 08 | | *05* | | | *02* | | 05 | 42a | | | *07* | *17* | A | $a_0$ |
| 5871 | Norma | — | 10349 | .. | 21405 | 42.7 | −48 37 | 6.02 | | | | | | | | A | | | | | | | | 10. | A | $a_2$ |
| 5872 | Norma | — | 10251 | *5401* | 21426 | 43.2 | −45 6 | 6.21 | | | | | *03* | | | 03 | | | | | | | | 10. | A 5 | $a_5$ — |
| 5873 | Norma | — | 6711 | *5403* | 21421 | 43.3 | − 54 45 | 5.84 | | | | | *14* | | | 15 | | | | | *24* | | *19* | 9. | B 5 | $B_5$ — |
| 5874 | Serpens | — | 2940 | .. | .. | 43.6 | +14 6 | 6.10 | | | | 09 | | *10* | | | | | | 14d | | | | | K | $K_0$ |
| 5875 | *Libra* | *30* | 3829 | 2635 | 21440 | 43.7 | − 3 31 | 5.61 | *08* | | | | | *08* | | 15 | *01* | | | | | 23 | *11* | *09* | A 3 | $a_3$ |
| 5876 | T. Aust. | — | 3286 | *5406* | 21428 | 43.8 | −64 51 | 6.58 | | | | | *18* | | | 18 | | | | | | | | 8. | A 3 | $A_3$ |
| 5877 | C. Bor. | — | 2631 | .. | .. | 44.1 | +32 2 | 6.56 | | | | | | *06* | 05 | | | | | 02c | | | | | K | $K_5$ — |
| 5878 | Draco | — | 1777 | .. | .. | 44.2 | +55 47 | 5.90 | | | *14* | | | 13 | | | | | | 14d | | | 02 | 121 | K | $K_2$ |
| 5879 | Serpens | κ 35 | 3074 | 2636 | .. | 44.2 | +18 27 | 4.28 | *03* | | | 04 | | *01* | | | 12 | | *34* | *18*d | | | *09* | 158 | K 5 | $K_5$ — |
| 5880 | C. Bor. | R | 2477 | 2639 | .. | 44.4 | +28 28 | var. | v | | | | | | | | | | | | | | | v | Pec. | $g_0$ p |
| 5881 | Serpens | μ 32 | *4052* | 2638 | 21457 | 44.4 | − 3 7 | 3.63 | *15* | | | | | *01* | | 17 | *13* | *32* | *33* | | | | 04 | 11 | A | $a_0$ |
| 5882 | Norma | — | 10430 | .. | 21446 | 44.5 | −46 46 | 6.12 | | | | | | | | A | | | | | | | | 13. | K | $K_0$ |
| 5883 | Lupus | χ 5 | 10754 | *5410* | 21454 | 44.6 | −33 19 | 4.11 | *10* | *07* | | | 09 | *08* | *05* | 21 | *11* | | | | *06* | | 09 | 2. | B 9 | $B_9$ |
| 5884 | T. Aust. | — | 4990 | .. | 21442 | 44.7 | −62 19 | 6.18 | | | | | | | | A | | | | | | | | 18. | K | $K_0$ |
| 5885 | Scorpius | b 1 | 11131 | 2640 | 21469 | 45.0 | −25 27 | 4.77 | 02 | | | 06 | | 03 | *11* | 02 | 26 | | | | | 07 | 23 | 14 | B 3 | $B_3$ |
| 5886 | Draco | — | *1225* | 2644 | .. | 45.1 | +62 55 | 5.13 | 02 | | | | | *02* | 01 | | | | 27 | 30b | | 22 | 32 | *05* | A 2 | $a_2$ |
| 5887 | Draco | — | 1779 | 2642 | .. | 45.2 | +55 41 | 5.79 | 24 | | | *33* | | 08 | | | | | 11 | 29b | | | 16 | 18 | A | $a_2$ |
| 5888 | Serpens | ω 34 | 3007 | 2641 | .. | 45.2 | + 2 30 | 5.33 | *14* | | | | | 02 | 13 | | 02 | | *28* | 09c | | | 92 | 29 | K | $K_0$ |
| 5889 | C. Bor. | δ 10 | 2737 | 2643 | .. | 45.4 | +26 23 | 4.73 | *17* | | | | | 07 | 11 | | *08* | | 14 | 05c | | | *08* | 94 | G 5 | $g_5$ — |
| 5890 | Norma | — | 9939 | *5414* | 21472 | 45.4 | −50 19 | 6.42 | | | | | *12* | | | 13 | | | | | | | | 12. | K | $K_2$ |
| 5891 | T. Aust. | κ | 2585 | *5415* | 21460 | 45.6 | −68 19 | 5.20 | | | | | 11 | | | *11* | | | | | 00 | | 10 | 18. | K | $K_0$ |
| 5892 | Serpens | ε 37 | 3069 | 2645 | .. | 45.8 | + 4 47 | 3.75 | *08* | | 05 | | | 04 | | | 05 | 05 | *10* | 21b | | | 07 | 29 | A | $a_2$ |
| 5893 | Lupus | — | 12030 | .. | 21489 | 46.0 | −29 35 | 6.43 | | | | | | | A | | | | | | | | | 12. | K | $K_0$ |
| 5894 | Serpens | R | 2918 | 2647 | .. | 46.1 | +15 26 | var. | v | | | | | | | | | | | | | | | | Md | md |
| 5895 | Serpens | b 36 | 4058 | 2646 | 21496 | 46.1 | − 2 48 | 5.16 | 01 | | | | | 10 | *18* | 08 | 04 | | 15 | | | | 04 | 06 | A 2 | $a_2$ |
| 5896 | Libra | — | 4269 | .. | 21493 | 46.1 | −13 50 | 6.25 | | | | | | | A | | | | | | | | | | G | $g_0$ |
| 5897 | T. Aust. | β | 3723 | *5416* | 21484 | 46.3 | −63 7 | 3.04 | | | | | 05 | | | *06* | | 01 | | | 21 | | *19* | 14. | F | $F_0$ |
| 5898 | T. Aust. | — | 6191 | .. | 21487 | 46.4 | −60 27 | 6.34 | | | | | | | | A | | | | | | | | 2. | B 8 | $B_8$ |
| 5899 | Serpens | ρ 38 | 2829 | 2649 | .. | 46.9 | +21 17 | 4.88 | *10* | | | | | 09 | | | 22 | | 12 | 01d | | | *08* | 124 | K | $K_5$ — |
| 5900 | Norma | — | 6428 | *5423* | 21499 | 47.2 | −59 53 | 6.04 | | | | | 01 | | | *01* | | | | | | | *19* | 5. | A 3 | $A_3$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**15h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° | | | | | | | | | | | | | | | | | | | |
| 5901 | C. Bor. | κ11 | 2652 | 2652 | .. | 47.5 | +35 59 | 4.77 | 03 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | 25 | 26c | .. | .. | 07 | 114 | Mb | X0 |
| 5902 | Libra | λ45 | 4249 | 2650 | 21520 | 47.5 | −19 52 | 5.06 | 02 | .. | 02 | 12 | .. | 03 | 13 | .. | 01 | .. | .. | .. | .. | .. | 06 | 09 | A | B3 |
| 5903 | U. Min. | ζ16 | 527 | 2657 | .. | 47.6 | +78 6 | 4.34 | 15 | .. | .. | .. | .. | 18 | 02 | .. | 16 | .. | 31 | 18b | .. | .. | 32 | 08 | A 2 | A2 |
| 5904 | Scorpius | A 2 | 12352 | 2651 | 21521 | 47.6 | −25 2 | 4.66 | 08 | .. | .. | 02 | 06 | 11 | .. | .. | 26 | .. | .. | .. | .. | .. | 12 | 24 | B 3 | B3 |
| 5905 | T. Aust. | — | 6208 | 5428 | 21509 | 47.7 | −60 11 | 5.96 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 04 | 4. | A | A2 |
| 5906 | Scorpius | — | 12354 | 2653 | 21529 | 47.9 | −24 15 | 5.44 | 14 | .. | .. | 06 | .. | 09 | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 57 | A | B5 |
| 5907 | Scorpius | — | 12569 | 2654 | 21530 | 48.0 | −23 41 | 5.36 | 02 | .. | .. | 02 | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 02 | G | B3 |
| 5908 | Libra | θ46 | 4174 | 2655 | 21534 | 48.1 | −16 27 | 4.34 | 03 | .. | .. | .. | .. | 02 | .. | .. | 04 | 02 | .. | .. | .. | .. | 04 | 80 | K | X0 |
| 5909 | Serpens | — | 2926 | .. | .. | 48.4 | +17 43 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10d | .. | .. | .. | .. | K 5 | X0 |
| 5910 | Scorpius | — | 11096 | .. | 21540 | 48.4 | −27 3 | 6.01 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 5. | A | B5 |
| 5911 | Serpens | 39 | 3024 | .. | .. | 48.5 | +13 31 | 6.16 | .. | .. | .. | 04 | .. | 05 | R | .. | 06 | .. | .. | 24b | .. | .. | .. | .. | G | B0 |
| 5912 | Scorpius | 3 | 12365 | 5435 | 21546 | 48.7 | −24 57 | 5.93 | .. | .. | .. | 04 | 07 | 11 | .. | .. | 36 | .. | .. | .. | .. | .. | .. | 63 | A | B8 |
| 5913 | Serpens | — | 2840 | .. | .. | 49.1 | +16 23 | 6.14 | .. | .. | .. | 02 | .. | 03 | .. | .. | .. | .. | .. | 33b | .. | .. | .. | .. | F 5 | F2 |
| 5914 | Herc. | χ1 | 2648 | 2658 | .. | 49.2 | +42 44 | 4.61 | 14 | .. | .. | .. | .. | 06 | 09 | .. | 01 | .. | 13 | 17d | .. | 12 | 14 | 71 | F | B0 |
| 5915 | Libra | 47 | 4195 | .. | 21561 | 49.2 | −19 6 | 5.90 | .. | .. | .. | 12 | .. | 01 | 12 | .. | 05 | .. | .. | .. | .. | .. | .. | 34 | A | B5 |
| 5916 | Lupus | — | 12663 | .. | 21557 | 49.3 | −30 48 | 6.34 | .. | .. | .. | .. | .. | .. | 03 | 04 | .. | .. | .. | .. | .. | .. | .. | 13. | K | X0 |
| 5917 | Scorpius | 4 | 11190 | 2656 | 21567 | 49.5 | −25 59 | 5.61 | 13 | .. | .. | 04 | .. | 11 | 05 | .. | 18 | .. | .. | .. | .. | .. | 24 | 38 | A 2 | A2 |
| 5918 | Lupus | — | 10237 | .. | 21559 | 49.5 | −39 35 | 6.13 | .. | .. | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | 7. | A | B9 |
| 5919 | Serpens | 40 | 3116 | .. | .. | 49.8 | + 8 52 | 6.20 | .. | .. | .. | 05 | .. | 05 | .. | .. | 05 | .. | .. | 48a | .. | .. | .. | 19 | A | A2 |
| 5920 | T. Aust. | — | 3320 | 5446 | 21552 | 49.8 | −64 45 | 5.88 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | 38 | .. | 02 | 3. | A | B8 |
| 5921 | Norma | — | 10456 | .. | 21568 | 49.9 | −47 51 | 6.47 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | A | F2 |
| 5922 | Draco | — | 1838 | 2661 | .. | 50.0 | +56 7 | 5.92 | 01 | .. | .. | 04 | .. | 05 | .. | .. | .. | .. | 20 | 07c | .. | .. | 00 | 84 | K | X0 |
| 5923 | Lupus | — | 12407 | .. | 21576 | 50.0 | −31 29 | 6.53 | .. | .. | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | .. | 23 | .. | .. | 8. | F | F5 |
| 5924 | Serpens | — | 3166 | 2660 | .. | 50.2 | +20 36 | 5.76 | 29 | .. | 11 | .. | .. | 18 | .. | .. | .. | .. | 45 | 19d | .. | .. | 17 | 04 | K 5 | X5 |
| 5925 | Lupus | ξ | 10826 | 5450 | 21586 | 50.5 | −33 40 | 5.37 | 29 | 14 | .. | .. | 30 | 07 | 24 | 42 | .. | .. | .. | .. | 07 | .. | 18 | 10. | A | A0 |
| 5926 | Lupus | | | 5451 | 21587 | 50.5 | −33 40 | 5.73 | | | | | | | | | | | | | | | | | | A0 |
| 5927 | Libra | — | 4290 | .. | 21594 | 50.6 | −14 6 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | F5 |
| 5928 | Scorpius | ρ5 | 11714 | 2662 | 21592 | 50.7 | −28 55 | 4.02 | 01 | .. | .. | 05 | .. | 02 | .. | 04 | 48 | 03 | .. | .. | .. | .. | 08 | 62 | B 3 | B3 |
| 5929 | Lupus | — | 10611 | .. | 21595 | 50.8 | −35 53 | 5.95 | .. | .. | .. | .. | .. | .. | 05 | 05 | .. | .. | .. | .. | .. | .. | .. | 9. | F 5 p | B0 Comp |
| 5930 | Libra | — | 4314 | .. | 21601 | 50.9 | −14 32 | 6.17 | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 71 | A | F2 A0 |
| 5931 | Serpens | — | 3036 | 2664 | .. | 51.2 | +18 55 | 6.22 | 23 | .. | 02 | .. | .. | 11 | 11 | .. | .. | .. | 18 | 38a | .. | .. | 22 | 19 | A | B9 |
| 5932 | Herc. | 2 | 2542 | 2665 | .. | 51.3 | +43 26 | 5.54 | 07 | .. | .. | .. | .. | 06 | .. | .. | 24 | .. | 09 | 19e | .. | .. | 09 | 133 | Ma | Ma |
| 5933 | Serpens | γ41 | 2849 | 2666 | .. | 51.8 | +15 59 | 3.86 | 14 | .. | .. | 13 | .. | 09 | 19 | .. | 19 | 08 | 03 | 21b | .. | .. | 09 | 68 | F 8 | F5 |
| 5934 | Scorpius | — | 4364 | .. | 21621 | 51.9 | −20 41 | 5.87 | .. | .. | 15 | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 34 | F | B5 |
| 5935 | Lupus | — | 10620 | .. | 21620 | 51.9 | −37 12 | 6.41 | .. | .. | .. | .. | .. | .. | 09 | 09 | .. | .. | .. | .. | .. | .. | .. | 6. | F 8 | B5 |
| 5936 | C. Bor. | λ12 | 2712 | 2667 | .. | 52.1 | +38 14 | 5.47 | 13 | .. | .. | .. | .. | 17 | 03 | .. | 03 | .. | 32 | 21b | .. | .. | 08 | 24 | A | F2 |
| 5937 | Norma | — | 6911 | .. | 21618 | 52.1 | −53 44 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 48 | .. | .. | 1. | B | B5 |
| 5938 | Herc. | 4 | 2652 | 2669 | .. | 52.2 | +42 51 | 5.61 | 11 | .. | .. | .. | .. | 11 | .. | .. | 09 | .. | 31 | 43b | .. | .. | 19 | 14 | A | B8 |
| 5939 | T. Aust. | S | 3765 | .. | 21614 | 52.2 | −63 30 | var. | .. | .. | .. | .. | .. | .. | .. | V | .. | .. | .. | .. | .. | .. | .. | V | G 5 | B5 |
| 5940 | Serpens | φ | 2969 | 2672 | .. | 52.6 | +14 42 | 5.66 | 22 | .. | 08 | 05 | .. | 11 | .. | .. | .. | .. | 20 | 08c | .. | .. | 26 | .. | K 5 | X0 |
| 5941 | Libra | 48 | 4302 | 2670 | 21634 | 52.6 | −13 59 | 4.68 | 12 | .. | .. | .. | .. | 00 | 11 | .. | 22 | 02 | .. | .. | .. | .. | 07 | 16 | B 3 | B3 |
| 5942 | Scorpius | — | 12427 | 2668 | 21632 | 52.6 | −24 32 | 5.41 | 03 | .. | .. | 04 | .. | 11 | .. | 11 | .. | .. | .. | .. | .. | .. | 09 | 55 | B 8 | B8 |
| 5943 | Lupus | — | 10478 | 5464 | 21630 | 52.7 | −41 27 | 5.07 | .. | .. | .. | .. | 20 | 20 | 01 | 02 | .. | .. | .. | .. | .. | .. | 07 | 17. | G 5 | B5 |
| 5944 | Scorpius | π6 | 11228 | 2671 | 21638 | 52.8 | −25 50 | 3.00 | 08 | .. | .. | 05 | .. | 02 | .. | 02 | 23 | 00 | .. | .. | .. | .. | 08 | 53 | B 2 p | B2 |
| 5945 | Lupus | — | 10113 | 5466 | 21644 | 53.2 | −40 22 | 6.28 | .. | .. | .. | .. | A | .. | R | .. | .. | .. | .. | .. | .. | .. | .. | 11. | G 5 | K0 |
| 5946 | Norma | — | 6922 | .. | 21640 | 53.3 | −54 17 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | A | A3 |
| 5947 | C. Bor. | ε13 | 2558 | 2673 | .. | 53.4 | +27 10 | 4.22 | 09 | .. | .. | 04 | .. | 06 | .. | .. | 08 | .. | 04 | 08d | .. | .. | 08 | 135 | K | X0 |
| 5948 | Lupus | η | 10797 | 5469 | 21653 | 53.4 | −38 6 | 3.61 | .. | 07 | .. | .. | 16 | 01 | 24 | 17 | .. | 04 | .. | .. | 04 | .. | 09 | 7. | B 3 | B3 |
| 5949 | Draco | — | 1691 | 2675 | .. | 53.9 | +59 12 | 6.17 | 11 | .. | 04 | .. | .. | 06 | .. | .. | .. | .. | .. | 35a | .. | .. | 18 | 15 | A | B9 |
| 5950 | C. Bor. | — | 2948 | .. | .. | 54.0 | +39 58 | 6.44 | .. | .. | 03 | .. | .. | 04 | .. | .. | .. | .. | .. | 06d | .. | .. | .. | .. | K | X0 |

1908AnHar..50....1P

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1



## 15h—16h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 5951 | T. Aust. | — | 5122 | .. | 21659 | 54.1 | −62 15 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | A | $a_0$ |
| 5952 | Lupus | — | 10120 | *5475* | 21676 | 54.2 | −40 9 | 6.50 | .. | .. | .. | .. | *08* | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | 5. | A | $a_0$ |
| 5953 | Scorpius | δ 7 | 4068 | 2674 | 21685 | 54.4 | −22 20 | 2.54 | *02* | .. | .. | *07* | .. | *05* | 17 | *02* | *04* | *02* | .. | .. | .. | .. | *04* | 44 | B | $B_0$ |
| 5954 | Libra | 49 | 4196 | 2676 | 21692 | 54.7 | −16 14 | 5.53 | 08 | .. | .. | .. | .. | 02 | *10* | .. | 07 | .. | .. | .. | .. | .. | 17 | *01* | F | $F_8$ |
| 5955 | Apus | — | 1902 | *5481* | 21663 | 54.7 | −72 7 | 5.71 | .. | .. | .. | .. | *03* | .. | .. | 03 | .. | .. | .. | .. | .. | .. | 13 | 19. | K 5 | $K_0$ |
| 5956 | Lupus | — | 12470 | .. | 21696 | 55.0 | −31 36 | 6.40 | .. | .. | .. | .. | .. | .. | 14 | *14* | .. | .. | .. | .. | .. | .. | .. | 12. | K | $K_0$ |
| 5957 | C. Bor. | — | *2695* | 2679 | .. | 55.2 | +36 55 | 5.71 | 06 | .. | .. | .. | .. | *06* | .. | .. | .. | .. | 10 | 00d | .. | .. | 09 | 101 | K | $K_5$ |
| 5958 | C. Bor. | T | 2765 | 2678 | .. | 55.3 | +26 12 | nov. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Pec. | - - - |
| 5959 | Libra | 50 | *4162* | 2677 | 21711 | 55.3 | − 8 7 | 5.55 | 01 | .. | .. | .. | .. | *12* | 10 | .. | R | .. | .. | .. | .. | .. | 13 | *32* | A | $a_0$ |
| 5960 | Draco | — | 1793 | 2680 | .. | 55.4 | +55 2 | 4.96 | 06 | .. | 00 | 00 | .. | *06* | .. | .. | .. | .. | 27 | 23b | .. | 23 | 12 | 32 | A 5 | $a_5$ |
| 5961 | Norma | ι¹ | 7500 | *5486* | 21694 | 55.4 | −57 29 | 4.87 | .. | .. | .. | .. | *05* | .. | .. | 05 | .. | .. | .. | .. | 23 | .. | 05 | 6. | A 2 | $a_2$ |
| 5962 | Norma | η | 10512 | *5489* | 21710 | 55.8 | −48 57 | 4.74 | .. | .. | .. | .. | *08* | .. | .. | 08 | .. | 11 | .. | .. | 46 | .. | *04* | 23. | G 5 | $g_5$ |
| 5963 | Serpens | *3* | 3096 | 2681 | .. | 55.9 | + 4 42 | 5.90 | 10 | .. | 00 | 07 | .. | *17* | 02 | .. | *20* | .. | .. | 22d | .. | .. | 02 | .. | K | $K_0$ |
| 5964 | Herc. | — | 2239 | 2682 | .. | 56.2 | +50 10 | 5.90 | *03* | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | 44c | .. | .. | 00 | 22 | A | $F_0$ |
| 5965 | Scorpius | — | 11817 | .. | 21725 | 56.4 | −28 51 | 6.16 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 13. | K | $K_0$ |
| 5966 | Herc. | r 5 | 3101 | 2683 | .. | 56.7 | +18 6 | 5.28 | 04 | .. | .. | .. | .. | *04* | .. | .. | 07 | .. | *04* | *01*c | .. | .. | 32 | 85 | K | $g_5$ |
| 5967 | Lupus | — | 10832 | *5496* | 21728 | 56.8 | −38 19 | 4.97 | .. | *21* | .. | .. | 13 | 03 | *20* | 27 | .. | .. | .. | .. | 33 | .. | 18 | 4. | B 5 | $B_5$ |
| 5968 | C. Bor. | ρ 15 | 2663 | 2685 | .. | 57.2 | +33 37 | 5.43 | *26* | .. | .. | .. | .. | 20 | 07 | .. | 07 | .. | *35* | 22b | .. | .. | *18* | 70 | F | $F_8$ |
| 5969 | Scorpius | — | 11295 | 2684 | 21748 | 57.3 | −25 36 | 5.10 | 34 | .. | .. | 03 | .. | *03* | *18* | *14* | .. | .. | .. | .. | .. | .. | 12 | 21. | K | $K_0$ |
| 5970 | Lupus | — | 12505 | .. | 21746 | 57.3 | −31 43 | 6.11 | .. | .. | .. | .. | .. | .. | *08* | 08 | .. | .. | .. | .. | .. | .. | .. | 9. | F | $F_5$ |
| 5971 | C. Bor. | ι 14 | 2738 | 2686 | .. | 57.4 | +30 7 | 4.91 | 18 | .. | .. | .. | .. | *18* | .. | .. | 19 | .. | 16 | 34a | .. | 28 | 07 | 08 | A | $a_0$ |
| 5972 | Serpens | π 44 | 2886 | 2687 | .. | 57.9 | +23 4 | 4.82 | 17 | .. | .. | .. | .. | *16* | .. | .. | 28 | .. | *34* | 24b | .. | 18 | *02* | 19 | A 2 | $a_2$ |
| 5973 | Scorpius | — | 12499 | .. | 21768 | 57.9 | −24 27 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14. | K | $K_0$ |
| 5974 | Lupus | — | 11386 | .. | 21765 | 57.9 | −32 56 | 6.21 | .. | .. | .. | .. | .. | .. | *12* | 11 | .. | .. | .. | .. | .. | .. | .. | 10. | A | $F_0$ |
| 5975 | Lupus | — | 10680 | .. | 21767 | 58.0 | −37 35 | 5.96 | .. | .. | .. | .. | .. | .. | *07* | 06 | .. | .. | .. | .. | .. | .. | .. | 6. | F | $F_0$ |
| 5976 | Serpens | 43 | 3131 | .. | .. | 58.8 | + 5 16 | 6.18 | .. | .. | .. | *04* | .. | 05 | .. | .. | R | .. | .. | 13c | .. | .. | .. | *24* | K | $K_0$ |
| 5977 | Scorpius | ξ *51* | *4237* | 2688 | 21786 | 58.9 | −11 6 | 5.07 | *06* | .. | 01 | .. | .. | 04 | .. | R | *46* | 18 | .. | .. | .. | .. | *04* | 54 | F 8 | $F_8$ |
| 5978 | Scorpius | | | 2689 | 21787 | 58.9 | −11 6 | 4.77 | | | | | | | | | | | | | | | | | | |
| 5979 | Norma | — | 7079 | .. | 21784 | 59.4 | −55 55 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | F | $F_0$ |
| 5980 | Norma | δ | 10625 | *5510* | 21792 | 59.5 | −44 54 | 4.84 | .. | .. | .. | .. | *06* | R | *12* | 17 | .. | *02* | .. | .. | 41 | .. | *04* | 14. | A 3 p | $a_3p$ |
| 5981 | Draco | — | 1834 | 2693 | .. | 59.6 | +53 12 | 6.18 | 06 | .. | .. | .. | .. | *05* | .. | .. | .. | .. | .. | *14*d | .. | .. | *08* | .. | K | $K_2$ |
| 5982 | Herc. | υ 6 | 2142 | 2694 | .. | 59.6 | +46 19 | 4.64 | 06 | .. | .. | .. | .. | *07* | .. | .. | 04 | .. | *04* | 34a | .. | .. | 16 | 13 | B 9 | $B_9$ |
| 5983 | C. Bor. | — | *2708* | 2692 | .. | 59.6 | +36 55 | 5.85 | 02 | .. | .. | .. | .. | *02* | .. | .. | .. | .. | 23 | 21b | .. | .. | 10 | 77 | F | $F_5$ comp $A_2$ |
| 5984 | Scorpius | β 8 | 4307 | 2690 | 21805 | 59.6 | −19 32 | 2.90 | 15 | .. | *10* | .. | .. | *06* | .. | R | 01 | *04* | .. | .. | .. | .. | 14 | 27 | B 1 | $B_1$ |
| 5985 | Scorpius | | | | 21806 | 59.6 | −19 32 | 5.06 | | | | | | | | | | | | | | | | | | |
| 5986 | Draco | θ 13 | 1608 | 2696 | .. | 0.0 | +58 50 | 4.11 | 04 | 01 | .. | .. | .. | *05* | 00 | .. | 29 | .. | *25* | 13c | .. | 08 | *01* | 74 | F 8 | $F_8$ |
| 5987 | Lupus | θ | 10642 | *5512* | 21810 | 0.0 | −36 32 | 4.33 | .. | *06* | .. | .. | 09 | 00 | *19* | 14 | .. | 20 | .. | .. | 22 | .. | 02 | 3. | B 3 | $B_3$ |
| 5988 | Scorpius | — | 12700 | .. | 21816 | 0.2 | −23 20 | 5.94 | .. | .. | .. | .. | .. | *20* | .. | 20 | .. | .. | .. | .. | .. | .. | .. | *90* | F | $B_8$ |
| 5989 | *Ophiuc.* | — | *4234* | 2695 | 21829 | 0.4 | − 6 1 | 6.36 | 05 | .. | *02* | 01 | .. | *05* | 02 | .. | .. | .. | .. | .. | .. | .. | 04 | *43* | F | $F_5$ |
| 5990 | *Ophiuc.* | — | 4235 | 2697 | 21837 | 0.6 | − 5 53 | 6.49 | 15 | .. | *14* | .. | .. | 06 | *06* | .. | .. | .. | .. | .. | .. | .. | *04* | .. | G 5 | $K_0$ |
| 5991 | Lupus | — | 10648 | .. | 21828 | 0.7 | −36 29 | 5.77 | .. | .. | .. | .. | .. | .. | *01* | 01 | .. | .. | .. | .. | .. | .. | .. | 10. | F | $F_0$ |
| 5992 | Serpens | — | 3134 | .. | .. | 0.8 | + 8 22 | 6.14 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 42a | .. | .. | .. | *44* | A | $A_2$ |
| 5993 | Scorpius | ω¹ 9 | 4405 | 2698 | 21841 | 1.0 | −20 24 | 4.13 | *03* | .. | *12* | .. | .. | *11* | 15 | 09 | 02 | *07* | .. | .. | .. | .. | *01* | 06 | B 2 | $B_2$ |
| 5994 | Norma | ι² | 7613 | *5516* | 21827 | 1.0 | −57 40 | 5.79 | .. | .. | .. | .. | 05 | .. | .. | *05* | .. | .. | .. | .. | *19* | .. | *14* | 6. | B 9 | $a_0$ |
| 5995 | Draco | — | 1697 | .. | .. | 1.3 | +59 41 | 6.20 | .. | .. | *14* | .. | .. | 15 | .. | .. | .. | .. | .. | 11e | .. | .. | .. | .. | Mb | Ma |
| 5996 | Scorpius | — | 4342 | 2699 | 21850 | 1.5 | −13 48 | 6.26 | *06* | .. | .. | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | *06* | *54* | F | $B_0$ |
| 5997 | Scorpius | ω² 10 | 4408 | 2700 | 21849 | 1.6 | −20 36 | 4.58 | *01* | .. | *21* | 36 | .. | *14* | .. | R | *03* | *04* | .. | .. | .. | .. | *08* | 73 | G | $B_0$ |
| 5998 | Scorpius | — | 12552 | .. | 21856 | 1.9 | −24 11 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *85* | A | $B_8$ |
| 5999 | Scorpius | — | 10893 | .. | 21852 | 1.9 | −38 50 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 13. | A | $a_0$ |
| 6000 | Scorpius | — | 10894 | .. | 21854 | 1.9 | −38 49 | 6.71 | .. | .. | .. | .. | .. | .. | *06* | 06 | .. | .. | .. | .. | .. | .. | .. | 8. | A | $a_0$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**16h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 6001 | Scorpius | – | *11369* | 2701 | 21860 | 2.0 | −26 3 | 5.64 | 20 | .. | .. | *23* | .. | 04 | .. | R | .. | .. | .. | .. | .. | .. | *06* | 20. | Ma | ma |
| 6002 | Scorpius | 11 | 4425 | 2702 | 21863 | 2.1 | −12 28 | 5.64 | 00 | .. | .. | .. | .. | 00 | .. | R | *09* | .. | .. | .. | .. | .. | 01 | *36* | A | a0 |
| 6003 | Scorpius | – | 12731 | .. | 21871 | 2.8 | −23 25 | 5.79 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *80* | A | B9 |
| 6004 | Serpens | 45 | 2958 | 2703 | .. | 2.9 | +10 10 | 5.63 | *08* | .. | 02 | .. | .. | 06 | .. | .. | 77 | .. | 02 | 33b | .. | .. | 12 | *12* | A | a5 |
| 6005 | Herc. | – | 2926 | 2704 | .. | 3.0 | +22 6 | 6.34 | 04 | .. | .. | .. | .. | 00 | *04* | .. | .. | .. | 14 | 00d | .. | .. | *49* | .. | K | K0 |
| 6006 | Scorpius | – | 11456 | .. | 21875 | 3.2 | −32 23 | 6.30 | .. | .. | .. | .. | .. | .. | *07* | 06 | .. | .. | .. | .. | .. | .. | .. | 11. | G | b5 |
| 6007 | Scorpius | – | 10961 | *5535* | 21887 | 3.5 | −33 17 | 5.58 | .. | *21* | .. | .. | 30 | *17* | 02 | 05 | .. | .. | .. | .. | .. | .. | 32 | 4. | A | B8 |
| 6008 | Herc. | κ 7 | 2964 | 2706 | .. | 3.6 | +17 19 | 5.34 | *21* | .. | .. | 22 | .. | *02* | .. | .. | *32* | .. | 02 | *26*d | .. | .. | 03 | 76 | K | b5 |
| 6009 | Herc. | | 2965 | 2707 | .. | 3.6 | +17 20 | 6.52 | | | | | | | | | | | | 01d | .. | | | | | |
| 6010 | Serpens | 47 | 3141 | 2705 | .. | 3.6 | + 8 48 | 5.90 | *05* | .. | .. | 05 | .. | 14 | *15* | .. | 10 | .. | 16 | 06d | .. | .. | *11* | .. | Mb | mb |
| 6011 | Serpens | – | 3132 | .. | .. | 4.0 | + 3 43 | 6.10 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03c | .. | .. | .. | .. | K5 | K5 |
| 6012 | Scorpius | – | *4502* | .. | 21906 | 4.1 | −18 4 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | F5 |
| 6013 | Herc. | 8 | 2967 | .. | .. | 4.2 | +17 30 | 6.07 | .. | .. | .. | 00 | .. | 00 | .. | .. | *07* | .. | .. | 39a | .. | .. | .. | *07* | A | a0 |
| 6014 | Serpens | – | 3169 | .. | .. | 4.3 | + 6 41 | 6.02 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18c | .. | .. | .. | .. | F5 | b5 |
| 6015 | Scorpius | – | 10251 | .. | 21907 | 4.5 | −40 51 | 6.16 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | A5 | F0 |
| 6016 | *Serpens* | – | 3884 | 2708 | 21914 | 4.6 | − 3 12 | 5.41 | 05 | .. | .. | .. | .. | *01* | .. | *03* | .. | .. | .. | .. | .. | .. | 09 | 33 | K | K0 |
| 6017 | Scorpius | – | 12343 | 2709 | 21913 | 4.8 | −29 9 | 5.16 | *10* | .. | .. | *10* | .. | 20 | R | 00 | .. | .. | .. | .. | .. | .. | *06* | 18. | G | K0 |
| 6018 | C. Bor. | τ 16 | 2699 | 2710 | .. | 5.3 | +36 45 | 4.94 | 26 | .. | .. | .. | .. | *24* | *01* | .. | *04* | .. | 13 | 04c | .. | .. | 31 | 113 | G2 | K0 |
| 6019 | Norma | – | 7229 | *5550* | 21918 | 5.4 | −55 17 | 5.96 | .. | .. | .. | .. | 03 | .. | .. | *02* | .. | .. | .. | .. | *61* | .. | 04 | 10. | A5 | F0 |
| 6020 | Apus | δ¹ | 1092 | *5549* | 21881 | 5.4 | −78 27 | 4.78 | .. | .. | .. | .. | *05* | .. | .. | 06 | .. | 10 | .. | .. | 12 | .. | 12 | 22. | Mb | mb |
| 6021 | Apus | δ² | 1093 | *5551* | 21886 | 5.5 | −78 25 | 5.22 | .. | .. | .. | .. | *03* | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | 21. | K5 | K5 |
| 6022 | Norma | – | 7413 | .. | 21919 | 5.5 | −53 25 | 5.98 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | Ma | ma |
| 6023 | Herc. | φ 11 | 2376 | 2713 | .. | 5.6 | +45 12 | 4.26 | *04* | .. | .. | .. | .. | *07* | 11 | .. | 04 | .. | *16* | 20a | .. | 22 | *06* | 01 | A | B9 |
| 6024 | Norma | κ | 7245 | *5552* | 21921 | 5.6 | −54 22 | 5.09 | .. | .. | .. | .. | 01 | .. | .. | *01* | .. | .. | .. | .. | 31 | .. | 01 | 23. | K | K0 |
| 6025 | Draco | – | 864 | 2717 | .. | 6.0 | +68 4 | 5.40 | *05* | 00 | .. | .. | .. | 03 | 04 | .. | .. | .. | 10 | 32b | .. | 20 | 00 | *11* | A | a0 |
| 6026 | Scorpius | ν 14 | 4332 | 2714 | 21953 | 6.2 | −19 12 | 6.49 | 01 | .. | *03* | 31 | .. | *05* | *25* | .. | *01* | 00 | .. | .. | .. | .. | 04 | 12 | B3 | a B3 |
| 6027 | Scorpius | | 4333 | | 21954 | 6.2 | −19 12 | 4.29 | | | | | | | | | | | | | | | | | | |
| 6028 | Scorpius | c² 13 | 10841 | 2711 | 21949 | 6.1 | −27 40 | 4.70 | *01* | .. | .. | *04* | .. | *08* | .. | 11 | 00 | 16 | .. | .. | .. | .. | 05 | 28 | B3 | B3 |
| 6029 | Scorpius | c¹ 12 | 11962 | 2712 | 21948 | 6.1 | −28 9 | 5.70 | *18* | .. | .. | 04 | .. | *01* | .. | 15 | *20* | .. | .. | .. | .. | .. | 05 | *18* | K | B9 |
| 6030 | T. Aust. | δ | 3854 | *5555* | 21939 | 6.4 | −63 26 | 4.03 | .. | .. | .. | .. | 01 | .. | .. | *01* | .. | 22 | .. | .. | *18* | .. | *15* | 19. | G | b0 |
| 6031 | Scorpius | ψ 15 | 4324 | 2715 | 21962 | 6.6 | − 9 48 | 4.91 | *10* | .. | *07* | .. | .. | 17 | .. | .. | 19 | 25 | .. | .. | .. | .. | *06* | 06 | A2 | a2 |
| 6032 | Serpens | – | *2971* | .. | .. | 6.7 | + 9 58 | 6.46 | .. | .. | *04* | .. | .. | .. | 04 | .. | .. | .. | .. | 42a | .. | .. | .. | *30* | A | a3 |
| 6033 | Scorpius | 16 | 4180 | 2716 | 21964 | 6.8 | − 8 17 | 5.49 | 01 | .. | .. | .. | .. | *01* | .. | .. | 01 | .. | .. | .. | .. | .. | 03 | *16* | A3 | a3 |
| 6034 | U. Min. | – | 616 | 2724 | .. | 6.9 | +77 4 | 5.60 | 09 | .. | .. | .. | .. | *10* | .. | .. | .. | .. | 10 | 36b | .. | .. | 07 | *02* | A | a0 |
| 6035 | Herc. | q *48* | *2982* | 2718 | .. | 7.0 | +16 56 | 5.90 | *04* | .. | .. | .. | .. | 03 | .. | .. | 15 | .. | 15 | 62a | .. | .. | *25* | 15 | A | a0 |
| 6036 | Draco | – | 1622 | 2720 | .. | 7.1 | +58 12 | 6.31 | *02* | .. | .. | .. | .. | *11* | 13 | .. | .. | .. | 04 | 25a | .. | .. | *01* | *12* | A | a0 |
| 6037 | T. Aust. | – | 3054 | *5559* | 21951 | 7.1 | −67 41 | 6.18 | .. | .. | .. | .. | *04* | .. | .. | 04 | .. | .. | .. | .. | .. | .. | *23* | 4. | A5 | a3 |
| 6038 | Draco | – | 1867 | .. | .. | 7.2 | +56 6 | 6.59 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *10*c | .. | .. | .. | 57 | K | K0 |
| 6039 | Herc. | 10 | 2909 | 2719 | .. | 7.3 | +23 45 | 5.96 | 10 | .. | .. | .. | .. | *13* | 03 | .. | 24 | .. | 04 | 09d | .. | .. | 14 | R | Mb | mb |
| 6040 | Norma | – | 7716 | *5563* | 21967 | 7.6 | −57 39 | 5.86 | .. | .. | .. | .. | *02* | .. | .. | 02 | .. | .. | .. | .. | *16* | .. | *11* | 9. | A2 | a2 |
| 6041 | Ophiuc. | – | 3891 | .. | 21982 | 7.7 | − 3 58 | 6.08 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *44* | A | a0 |
| 6042 | Scorpius | – | 12623 | .. | 21976 | 7.7 | −24 10 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 7. | B8 | B8 |
| 6043 | Corona | – | 2696 | .. | .. | 7.8 | +33 36 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15c | .. | .. | .. | .. | K | K0 |
| 6044 | Scorpius | – | 11525 | .. | 21983 | 8.0 | −32 45 | 6.07 | .. | .. | .. | .. | .. | .. | *03* | 03 | .. | .. | .. | .. | .. | .. | .. | 9. | K | K0 |
| 6045 | Norma | θ | 10611 | *5566* | 21974 | 8.0 | −47 7 | 5.36 | .. | .. | .. | .. | *05* | .. | .. | 05 | .. | .. | .. | .. | 09 | .. | *08* | 6. | B4 | B8 |
| 6046 | C. Bor. | – | 2706 | 2723 | .. | 8.1 | +36 41 | 5.68 | 02 | .. | .. | .. | .. | *03* | R | .. | .. | .. | 24 | 16d | .. | .. | 02 | .. | G5 | K5 |
| 6047 | Herc. | 9 | 3165 | 2722 | .. | 8.3 | + 5 16 | 5.64 | 04 | .. | .. | .. | .. | *01* | *04* | .. | 11 | .. | 24 | *08*d | .. | .. | 06 | 25 | G5 | K0 |
| 6048 | Scorpius | χ 17 | 4096 | 2721 | 21994 | 8.3 | −11 35 | 5.50 | 07 | .. | .. | .. | .. | *07* | .. | .. | *30* | *56* | .. | .. | .. | .. | 05 | 19 | G5 | K0 |
| 6049 | Norma | – | 11132 | *5567* | 21991 | 8.4 | −42 39 | 6.16 | .. | .. | .. | .. | *06* | .. | .. | 06 | .. | .. | .. | .. | .. | .. | *16* | 12. | K | K0 |
| 6050 | Herc. | – | 2683 | .. | .. | 8.5 | +42 38 | 6.01 | .. | .. | .. | *04* | .. | *01* | 04 | .. | .. | .. | .. | 03d | .. | .. | .. | .. | K5 | K5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**16h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 6051 | Scorpius | — | 4444 | .. | 22000 | 8.6 | −20 51 | 6.31 | .. | .. | 01 | .. | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 3. | A |
| 6052 | Herc. | — | 2603 | .. | .. | 8.7 | +26 56 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 44c | .. | .. | .. | 12 | F 2 |
| 6053 | Scorpius | — | 4249 | .. | 22007 | 8.8 | −18 17 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K |
| 6054 | Scorpius | — | 11453 | 5573 | 22004 | 8.8 | −25 13 | 6.16 | .. | .. | .. | .. | 11 | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | 81 | G |
| 6055 | Norma | — | 7594 | 5572 | 21995 | 8.8 | −53 34 | 5.43 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 05 | 21. | Ma |
| 6056 | Ophiuc. | δ 1 | 3903 | 2726 | 22017 | 9.1 | − 3 26 | 3.03 | 26 | .. | .. | 10 | .. | 13 | 04 | .. | 16 | 13 | 38 | .. | .. | .. | 31 | 150 | Ma |
| 6057 | Herc. | — | 3184 | .. | .. | 9.3 | + 6 9 | 6.44 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 00c | .. | .. | .. | .. | G |
| 6058 | Norma | γ¹ | 10474 | 5578 | 22012 | 9.6 | −49 49 | 5.00 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | 30 | .. | 05 | 18. | F 8 |
| 6059 | Norma | — | 9469 | .. | 22013 | 9.6 | −52 50 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | A 5 |
| 6060 | Scorpius | 18 | 4242 | 2728 | 22036 | 10.1 | − 8 6 | 5.56 | 10 | .. | .. | .. | .. | 07 | .. | 02 | 16 | .. | .. | .. | .. | .. | 19 | 35 | F |
| 6061 | Scorpius | — | 4383 | 2729 | 22035 | 10.2 | −14 36 | 6.10 | 12 | .. | 16 | .. | .. | 05 | 03 | .. | .. | .. | .. | .. | .. | 04 | 20 | 54 | A |
| 6062 | Norma | S | 7821 | .. | 22031 | 10.6 | −57 39 | var. | .. | .. | .. | .. | .. | .. | .. | v | .. | .. | .. | .. | .. | .. | .. | v | F p |
| 6063 | C. Bor. | σ 17 | 2750 | 2730 | .. | 10.9 | +34 7 | 5.76 | 07 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | 23 | 07b | .. | .. | 09 | 50 | F 5 |
| 6064 | C. Bor. | | | | .. | 10.9 | +34 7 | 6.66 | | | | | | | | | | | | | | | | | |
| 6065 | Herc. | 16 | 3075 | 2731 | .. | 11.0 | +19 3 | 5.86 | 02 | .. | 04 | .. | .. | 02 | 07 | .. | 04 | .. | .. | 21d | .. | .. | 09 | 80 | K |
| 6066 | Scorpius | — | 4454 | .. | 22055 | 11.1 | −21 3 | 6.42 | .. | .. | 06 | .. | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | 74 | K |
| 6067 | Ophiuc. | — | 3910 | .. | 22070 | 11.6 | − 3 42 | 6.12 | .. | .. | .. | 04 | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 43 | A 8 |
| 6068 | Herc. | — | 2613 | .. | .. | 11.7 | +27 41 | 6.30 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 01c | .. | .. | .. | .. | K |
| 6069 | Draco | — | 930 | 2735 | .. | 12.0 | +67 24 | 6.28 | 07 | .. | .. | .. | .. | 01 | 07 | .. | .. | .. | 03 | 08c | .. | .. | 33 | 66 | K |
| 6070 | Scorpius | d | 12037 | 2732 | 22078 | 12.1 | −28 22 | 4.87 | 09 | .. | .. | 06 | .. | 03 | 11 | R | .. | .. | .. | .. | .. | .. | 15 | 34 | A |
| 6071 | Norma | λ | 11188 | 5591 | 22082 | 12.3 | −42 26 | 5.62 | .. | .. | .. | .. | 02 | 00 | 11 | 07 | .. | .. | .. | .. | 03 | .. | 06 | 10. | A 2 |
| 6072 | Norma | γ² | 10536 | 5593 | 22075 | 12.4 | −49 55 | 4.14 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | 21 | .. | 06 | 26. | K |
| 6073 | Norma | — | 7493 | 5594 | 22074 | 12.4 | −54 54 | 5.91 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | 06 | 13. | K |
| 6074 | C. Bor. | υ 18 | 2803 | 2733 | .. | 12.7 | +29 23 | 5.73 | 07 | .. | .. | 03 | .. | 10 | .. | .. | 17 | .. | 12 | 25a | .. | 17 | 18 | 06 | A |
| 6075 | Ophiuc. | ε 2 | 4086 | 2736 | 22111 | 13.0 | − 4 27 | 3.34 | 03 | .. | 21 | .. | .. | 06 | .. | 14 | 01 | 06 | 06 | .. | .. | .. | 06 | 107 | K |
| 6076 | Scorpius | — | 4357 | .. | 22117 | 13.2 | −19 59 | 6.38 | .. | .. | 00 | .. | .. | 13 | 14 | .. | .. | .. | .. | .. | .. | .. | .. | 10. | G 2 |
| 6077 | Scorpius | — | 13041 | 5599 | 22108 | 13.2 | −30 40 | 5.42 | 02 | 09 | .. | .. | 09 | 01 | 12 | 14 | .. | .. | .. | .. | .. | .. | 08 | 16. | F |
| 6078 | Scorpius | — | 4398 | .. | 22122 | 13.3 | −14 38 | 6.06 | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K |
| 6079 | U. Min. | 19 | 594 | 2739 | .. | 13.7 | +76 8 | 5.51 | 03 | .. | .. | 18 | .. | 01 | 15 | .. | 24 | .. | 18 | 15b | .. | 13 | 04 | 17 | B 8 |
| 6080 | Scorpius | — | 10412 | .. | 22124 | 13.8 | −39 11 | 6.22 | .. | .. | .. | .. | .. | .. | 01 | 02 | .. | .. | .. | .. | .. | .. | .. | 3. | A |
| 6081 | Scorpius | o 19 | 12849 | 2737 | 22146 | 14.6 | −23 56 | 4.76 | 06 | .. | .. | 17 | .. | 02 | .. | 11 | 09 | R | .. | .. | .. | .. | 01 | 27 | A 3 |
| 6082 | U. Min. | 20 | 586 | .. | .. | 15.0 | +75 27 | 6.51 | .. | .. | 11 | 04 | .. | 13 | 01 | .. | 31 | .. | .. | 07d | .. | .. | 23 | 54 | K |
| 6083 | Norma | — | 10591 | 5609 | 22147 | 15.0 | −49 20 | 5.49 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | 07 | 6. | B 5 |
| 6084 | Scorpius | σ 20 | 11485 | 2738 | 22158 | 15.1 | −25 21 | 3.08 | 09 | .. | .. | 08 | 06 | 02 | 05 | 07 | 22 | 05 | .. | .. | .. | .. | 02 | 67 | B 1 |
| 6085 | Norma | — | 10724 | .. | 22159 | 15.5 | −43 41 | 6.00 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K |
| 6086 | Draco | — | 1665 | 2741 | .. | 15.6 | +60 0 | 5.64 | 21 | .. | 07 | .. | .. | 13 | .. | .. | .. | .. | 07 | 00d | .. | .. | 01 | 122 | M b |
| 6087 | Herc. | — | 2902 | 2740 | .. | 15.8 | +21 23 | 6.14 | 14 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | 14 | 08c | .. | .. | 36 | 41 | G |
| 6088 | U. Min. | — | 713 | 2746 | .. | 16.2 | +73 38 | 5.98 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 04 | 32b | .. | .. | 02 | 17 | A |
| 6089 | T. Aust. | — | 5325 | .. | 22165 | 16.3 | −62 54 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 0. | A 2 |
| 6090 | Herc. | — | 2491 | 2743 | .. | 16.4 | +49 17 | 6.19 | 05 | .. | 13 | .. | .. | 09 | .. | .. | .. | .. | .. | 15d | .. | .. | 09 | 74 | K |
| 6091 | Herc. | — | 3005 | 2742 | .. | 16.5 | +39 57 | 5.54 | 01 | .. | 08 | 03 | .. | 24 | 13 | .. | .. | .. | 17 | 10b | .. | .. | 04 | 25 | F |
| 6092 | Herc. | τ 22 | 2169 | 2745 | .. | 16.7 | +46 33 | 3.91 | 04 | .. | .. | .. | .. | 05 | 02 | .. | 11 | .. | 28 | 26a | .. | .. | 04 | 08 | B 5 |
| 6093 | Serpens | σ 50 | 3215 | 2744 | .. | 17.0 | + 1 16 | 4.80 | 04 | .. | .. | 12 | .. | 08 | .. | .. | 45 | 06 | 12 | 21b | .. | .. | 20 | 47 | F |
| 6094 | Scorpius | — | 10983 | 5622 | 22194 | 17.3 | −38 58 | 5.40 | .. | 13 | .. | .. | 08 | 20 | 04 | 06 | .. | .. | .. | .. | .. | .. | 02 | 13. | F 8 |
| 6095 | Herc. | γ 20 | 3086 | 2747 | .. | 17.5 | +19 23 | 3.79 | 04 | .. | .. | 03 | .. | 07 | .. | .. | 23 | .. | 23 | 18b | .. | .. | 07 | 54 | F |
| 6096 | Ophiuc. | — | 3174 | .. | 22206 | 17.5 | − 1 51 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 16 | A |
| 6097 | Scorpius | — | 11687 | .. | 22199 | 17.5 | −32 58 | 6.54 | .. | .. | .. | .. | .. | .. | 23 | 22 | .. | .. | .. | .. | .. | .. | .. | 5. | A |
| 6098 | T. Aust. | ζ | 2558 | 5625 | 22185 | 17.6 | −69 52 | 4.93 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | 22 | .. | 07 | 2. | G |
| 6099 | Norma | — | 10633 | 5627 | 22202 | 17.8 | −45 7 | 6.46 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | 7. | A |
| 6100 | Scorpius | — | 10778 | 5629 | 22208 | 17.9 | −37 20 | 5.43 | .. | 09 | .. | .. | 03 | 08 | 03 | 12 | .. | .. | .. | .. | .. | 05 | 09 | 4. | A |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**16h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 6101 | Draco | — | 868 | .. | .. | 18.1 | +68 48 | 6.47 | .. | .. | .. | .. | .. | A | R | .. | .. | .. | .. | 00d | .. | .. | .. | .. | K | Ko |
| 6102 | Apus | γ | 1103 | 5631 | 22170 | 18.1 | −78 40 | 3.90 | .. | .. | .. | .. | 04 | .. | .. | 05 | .. | 29 | .. | .. | 05 | .. | 05 | 13. | K | Ko |
| 6103 | C. Bor. | ξ 19 | 2845 | 2750 | .. | 18.2 | +31 7 | 4.72 | 22 | .. | .. | .. | .. | 21 | .. | .. | 22 | .. | 09 | 29c | .. | .. | 02 | 104 | G 5 | Ko |
| 6104 | Ophiuc. | ψ 4 | 4365 | 2748 | 22219 | 18.3 | −19 49 | 4.59 | 02 | .. | 03 | .. | .. | 06 | .. | 02 | 09 | .. | .. | .. | .. | 06 | 09 | 63 | K | Ko |
| 6105 | Scorpius | — | 12513 | 2749 | 22221 | 18.4 | −29 28 | 6.59 | 04 | .. | .. | 03 | .. | 09 | 06 | .. | .. | .. | .. | .. | .. | .. | 14 | 14 | G | Go |
| 6106 | Scorpius | — | | | 22222 | 18.4 | −29 29 | 5.94 | | | | | | | | | | | | | | | | | | Go |
| 6107 | C. Bor. | ν 20 | 2773 | 2751 | .. | 18.6 | +34 2 | 5.36 | 22 | .. | .. | .. | .. | 22 | .. | .. | 26 | .. | 29 | 01d | .. | .. | 21 | 114 | Ma | ma |
| 6108 | C. Bor. | ν 21 | 2774 | 2752 | .. | 18.7 | +33 56 | 5.28 | 31 | .. | .. | .. | .. | 30 | .. | .. | 28 | .. | 22 | 26d | .. | .. | | 122 | K 5 | K5 |
| 6109 | T. Aust. | ι | 3923 | 5633 | 22212 | 18.7 | −63 50 | 5.30 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | 10 | .. | 02 | 7. | F | Fo |
| 6110 | Herc. | 23 | 2716 | 2753 | .. | 19.1 | +32 34 | 6.20 | 06 | .. | .. | 10 | .. | 03 | .. | .. | 75 | .. | 05 | 45a | .. | .. | 33 | 01 | A | A2 |
| 6111 | Herc. | o 21 | 3164 | 2754 | .. | 19.3 | + 7 10 | 5.72 | 02 | .. | .. | 12 | .. | 13 | .. | .. | 13 | .. | 22 | 48a | .. | 24 | 02 | 17 | A | A0 |
| 6112 | Ophiuc. | ρ 5 | 12861 | 2755 | 22250 | 19.6 | −23 13 | 5.22 | 06 | .. | .. | 03 | .. | 16 | .. | 08 | 14 | 14 | .. | .. | .. | .. | 21 | 20 | B 5 | B5 |
| 6113 | Ophiuc. | | | 2756 | 22251 | 19.6 | −23 14 | 5.92 | | | | | | | | | | | | | | | | | | |
| 6114 | Norma | — | 6800 | 5639 | 22236 | 19.8 | −58 23 | 5.78 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 04 | 4. | A | B9 |
| 6115 | Norma | ε | 10765 | 5641 | 22246 | 19.8 | −47 20 | 4.71 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | 34 | .. | 01 | 4. | B 4 | B5 |
| 6116 | U. Min. | η 21 | 596 | 2759 | .. | 20.4 | +75 59 | 5.04 | 04 | .. | 02 | .. | .. | 05 | 11 | .. | 36 | .. | 05 | 04c | .. | .. | 04 | 25 | F | Fo |
| 6117 | Herc. | ω 24 | 3049 | 2757 | .. | 20.8 | +14 16 | 4.53 | 16 | .. | .. | 06 | .. | 09 | .. | .. | 25 | .. | 17 | 23b | .. | 25 | 17 | 05 | A p | A0p |
| 6118 | Ophiuc. | χ 7 | 4282 | 2758 | 22280 | 21.2 | −18 14 | 4.85 | 18 | .. | .. | 26 | .. | 13 | .. | 31 | 05 | .. | .. | .. | .. | .. | 15 | 09 | B 3 | B3p |
| 6119 | Herc. | U | 3098 | .. | .. | 21.4 | +19 7 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md | md |
| 6120 | Norma | — | 8035 | .. | 22268 | 21.4 | −57 32 | 5.99 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K | Ko |
| 6121 | Herc. | — | 2984 | .. | .. | 21.5 | +11 40 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 01c | .. | .. | .. | .. | Ma | Ko |
| 6122 | Scorpius | — | 10783 | .. | 22285 | 21.6 | −36 58 | 5.87 | .. | .. | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | .. | .. | .. | .. | 11. | K | Ko |
| 6123 | Herc. | 25 | 2750 | 2760 | .. | 21.9 | +37 37 | 5.53 | 03 | .. | .. | .. | .. | 03 | 07 | .. | 57 | .. | 10 | 29a | .. | 12 | 13 | 24 | A | A3 |
| 6124 | Serpens | — | 3106 | .. | .. | 21.9 | + 2 35 | 6.18 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28c | .. | .. | .. | .. | G | B5 |
| 6125 | T. Aust. | — | 5701 | 5644 | 22277 | 21.9 | −61 25 | 5.11 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | 59 | .. | 14 | 23. | K p | Ko |
| 6126 | Draco | — | 845 | 2765 | .. | 22.0 | +69 20 | 5.44 | 03 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 18 | 05d | .. | .. | 04 | 104 | K | Ko |
| 6127 | Draco | — | 1845 | 2763 | .. | 22.2 | +55 26 | 5.66 | 00 | .. | .. | .. | .. | 09 | 08 | .. | .. | .. | 06 | 34b | .. | 24 | 11 | 09 | A | A2 |
| 6128 | Ophiuc. | — | 4292 | 2761 | 22299 | 22.3 | − 7 23 | 5.45 | 05 | .. | .. | 11 | .. | 11 | 09 | 24 | .. | .. | .. | .. | .. | .. | 05 | 42 | Ma | ma |
| 6129 | Ophiuc. | υ 3 | 4243 | 2762 | 22301 | 22.4 | − 8 9 | 4.68 | 08 | .. | .. | .. | .. | 12 | .. | 21 | R | 07 | 04 | .. | .. | .. | 02 | 12 | A 2 | A2 |
| 6130 | Draco | — | 1478 | .. | .. | 22.5 | +61 56 | 5.64 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 20c | .. | .. | .. | .. | G 5 | B5 |
| 6131 | Norma | — | 10697 | 5648 | 22297 | 22.5 | −46 2 | 5.46 | .. | .. | .. | .. | 08 | .. | .. | 07 | .. | .. | .. | .. | .. | .. | 01 | 13. | B 1 p | B1p |
| 6132 | Draco | η 14 | 1591 | 2766 | .. | 22.6 | +61 44 | 2.89 | 07 | 02 | .. | .. | .. | 09 | 01 | .. | 39 | .. | 10 | 10d | .. | 16 | 14 | R | G 5 | B5 |
| 6133 | Octans | — | 259 | 5653 | 22090 | 23.0 | −87 24 | 6.46 | .. | .. | .. | .. | 02 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | 13. | K | Ko |
| 6134 | Scorpius | α 21 | 11359 | 2764 | 22314 | 23.3 | −26 13 | 1.22 | 16 | .. | .. | 12 | .. | 22 | 12 | 30 | 08 | 11 | 09 | .. | .. | .. | 12 | 240 | Ma p | ma Comp |
| 6135 | Apus | — | 2256 | 5655 | 22293 | 23.3 | −70 47 | 5.51 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 02 | 17. | K | A3 Ko |
| 6136 | Ophiuc. | — | 3529 | 2767 | .. | 23.5 | + 0 52 | 5.47 | 08 | .. | 03 | .. | .. | 04 | .. | .. | .. | .. | 12 | 12d | .. | .. | 13 | .. | K 2 | K2 |
| 6137 | Ophiuc. | — | 4299 | .. | 22322 | 23.5 | − 7 55 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A 5 | Fo |
| 6138 | Octans | — | 687 | 5657 | 22253 | 23.5 | −83 3 | 6.36 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | 18. | K | K5 |
| 6139 | Octans | — | 333 | 5658 | 22180 | 23.6 | −86 11 | 6.13 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | 04 | 2. | A 2 | A0 |
| 6140 | Ophiuc. | — | 4433 | 2770 | 22332 | 24.1 | −14 20 | 5.75 | 09 | .. | 08 | .. | .. | 02 | 05 | 04 | .. | .. | .. | .. | .. | .. | 05 | 11 | K | B0 |
| 6141 | Scorpius | i 22 | 12695 | 2769 | 22331 | 24.1 | −24 54 | 4.87 | 23 | .. | .. | 07 | 05 | 12 | .. | 25 | .. | 49 | .. | .. | .. | .. | 05 | 06 | B 3 | B3 |
| 6142 | Scorpius | — | 10695 | 5666 | 22340 | 24.7 | −41 36 | 5.47 | .. | .. | .. | .. | 01 | 09 | 20 | 09 | .. | .. | .. | .. | .. | .. | 08 | 10. | F 5 p | B1p |
| 6143 | Scorpius | N | 11044 | 5667 | 22347 | 24.8 | −34 29 | 4.33 | .. | 19 | .. | .. | 13 | 03 | 05 | 16 | .. | 01 | .. | .. | 22 | .. | 17 | 2. | B 3 | B3 |
| 6144 | Ophiuc. | — | 4305 | .. | 22355 | 25.1 | − 7 17 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A 5 | A5 |
| 6145 | Scorpius | — | 11379 | .. | 22353 | 25.2 | −26 19 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11. | G 5 | Ko |
| 6146 | Herc. | g 30 | 2714 | 2772 | .. | 25.4 | +42 6 | 5.02 | 06 | .. | .. | .. | .. | 05 | .. | .. | v | .. | 12 | ve | .. | .. | 03 | 139 | Mb | mb |
| 6147 | Ophiuc. | φ 8 | 4298 | 2771 | 22358 | 25.4 | −16 23 | 4.40 | 04 | .. | .. | .. | .. | 01 | .. | 06 | 10 | 62 | .. | .. | .. | .. | 15 | 64 | K | Ko |
| 6148 | Herc. | β 27 | 2934 | 2774 | .. | 25.9 | +21 42 | 2.81 | 05 | .. | .. | .. | .. | 05 | .. | .. | 11 | 11 | 14 | 20c | .. | .. | 05 | 136 | K | Ko |
| 6149 | Ophiuc. | λ 10 | 3118 | 2773 | .. | 25.9 | + 2 12 | 3.85 | 12 | .. | .. | 06 | .. | 07 | .. | .. | 20 | 00 | 04 | 13b | .. | .. | 20 | 27 | A | A0 |
| 6150 | Draco | — | 2106 | 2777 | .. | 26.1 | +51 39 | 6.37 | 00 | .. | .. | .. | .. | 00 | 00 | .. | .. | .. | 01 | 17c | .. | .. | 13 | 54 | K | Ko |

1908AnHar..50....1P

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**16h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 6151 | T. Aust. | θ | 3331 | 5675 | 22354 | 26.1 | −65 17 | 5.38 | . . | . . | . . | . . | 07 | . . | . . | 06 | . . | . . | . . | . . | 12 | . . | 17 | 16. | G 5 |
| 6152 | Herc. | s | 3283 | 2776 | . . | 26.2 | +20 42 | 5.29 | 11 | . . | . . | . . | . . | 00 | 11 | . . | . . | . . | 38 | 07c | . . | . . | 04 | 73 | G 5 |
| 6153 | Ophiuc. | ω 9 | 4381 | 2775 | 22374 | 26.2 | −21 15 | 4.57 | 09 | . . | . . | 09 | . . | 20 | . . | 02 | 23 | 13 | . . | . . | . . | . . | 09 | 06 | F |
| 6154 | Herc. | — | 2983 | . . | . . | 26.9 | +22 25 | 5.96 | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | 05d | . . | . . | . . | 77 | G 5 |
| 6155 | Norma | μ | 10900 | 5681 | 22390 | 27.0 | −43 50 | 5.15 | . . | . . | . . | . . | 01 | 03 | 01 | 04 | . . | . . | . . | . . | 10 | . . | 10 | 8. | A |
| 6156 | Herc. | 34 | 2514 | 2779 | . . | 27.4 | +49 10 | 6.22 | 08 | . . | . . | . . | . . | 08 | . . | . . | R | . . | . . | 46b | . . | . . | 07 | 01 | A |
| 6157 | Herc. | — | 2828 | . . | . . | 27.4 | +35 27 | 6.47 | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | 03d | . . | . . | . . | . . | G 5 |
| 6158 | Herc. | n 28 | 3223 | 2778 | . . | 27.6 | + 5 44 | 5.56 | 05 | . . | . . | 08 | . . | 04 | . . | . . | 04 | . . | 14 | 21b | . . | . . | 06 | 02 | A |
| 6159 | Herc. | h 29 | 3008 | 2780 | . . | 27.9 | +11 42 | 4.92 | 08 | . . | . . | . . | . . | 07 | . . | . . | 18 | . . | 26 | 01d | . . | . . | 08 | 110 | K 5 |
| 6160 | Norma | — | 10964 | 5685 | 22417 | 27.9 | −45 2 | 6.42 | . . | . . | . . | . . | 00 | . . | . . | 00 | . . | . . | . . | . . | . . | . . | . . | 9. | K |
| 6161 | Draco | A 15 | 850 | 2781 | . . | 28.2 | +68 59 | 4.98 | 05 | 03 | . . | . . | . . | 02 | 02 | . . | 22 | . . | 06 | 20b | . . | 20 | 02 | 03 | B 8 p |
| 6162 | Herc. | — | 2422 | 2782 | . . | 28.8 | +45 50 | 5.55 | 25 | . . | . . | . . | . . | 17 | 07 | . . | . . | . . | 03 | 30b | . . | . . | 15 | 11 | A |
| 6163 | Apus | β | 1221 | 5690 | 22393 | 28.8 | −77 18 | 4.16 | . . | . . | . . | . . | 06 | . . | . . | 06 | . . | 02 | . . | . . | 04 | . . | 12 | 22. | K |
| 6164 | Norma | — | 11399 | 5697 | 22441 | 29.4 | −42 39 | 5.58 | . . | . . | . . | . . | 05 | 02 | 03 | 02 | . . | . . | . . | . . | . . | . . | 01 | 14. | A |
| 6165 | Scorpius | τ 23 | 11015 | 2783 | 22451 | 29.7 | −28 1 | 2.91 | 01 | . . | . . | 00 | . . | 06 | 13 | 19 | 64 | 15 | . . | . . | . . | . . | 01 | 86 | B |
| 6166 | Scorpius | H | 11112 | 5703 | 22454 | 29.8 | −35 3 | 4.30 | . . | 06 | . . | . . | 22 | 20 | 11 | 02 | . . | 09 | . . | . . | 05 | . . | 05 | 21. | Ma |
| 6167 | Ara | — | 6594 | . . | 22448 | 30.0 | −60 47 | 6.24 | . . | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | 34 | . . | . . | 3. | A |
| 6168 | Herc. | σ 35 | 2724 | 2787 | . . | 30.9 | +42 39 | 4.25 | 00 | . . | . . | . . | . . | 07 | 06 | . . | 09 | . . | 19 | 21b | . . | . . | 10 | 16 | A |
| 6169 | Herc. | — | 3053 | 2785 | . . | 30.9 | +17 15 | 6.27 | 20 | . . | . . | . . | . . | 06 | 13 | . . | . . | . . | . . | 25b | . . | . . | 09 | 27 | A |
| 6170 | Draco | — | 1598 | 2789 | . . | 31.0 | +61 2 | 5.85 | 11 | . . | . . | . . | . . | 01 | 11 | . . | . . | . . | 14 | 27b | . . | . . | 15 | 05 | A |
| 6171 | Ophiuc. | 12 | 3220 | 2786 | 22479 | 31.1 | − 2 6 | 5.87 | 03 | . . | 25 | 27 | . . | 05 | . . | . . | 23 | . . | 02 | . . | . . | . . | 27 | . . | F |
| 6172 | T. Aust. | $\eta^1$ | 2789 | 5711 | 22459 | 31.1 | −68 6 | 6.04 | . . | . . | . . | . . | 04 | . . | . . | 03 | . . | . . | . . | . . | 39 | . . | 02 | 3. | A |
| 6173 | U. Min. | — | 498 | 2792 | . . | 31.3 | +79 11 | 5.54 | 00 | . . | . . | 17 | . . | 10 | 07 | . . | . . | . . | 38 | 31b | . . | . . | 07 | 11 | A 5 |
| 6174 | Norma | — | 10959 | . . | 22476 | 31.4 | −43 12 | 6.14 | . . | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | . . | . . | 14 | 5. | B |
| 6175 | Ophiuc. | ζ 13 | 4350 | 2788 | 22491 | 31.7 | −10 22 | 2.70 | 14 | . . | 22 | 04 | . . | 06 | . . | 10 | 27 | 12 | 08 | . . | . . | . . | 18 | 62 | B |
| 6176 | Herc. | — | 3029 | . . | . . | 32.1 | +15 42 | 6.29 | . . | . . | A | . . | . . | . . | . . | . . | . . | . . | . . | 35b | . . | . . | . . | 40 | A |
| 6177 | Ara | — | 6603 | 5715 | 22482 | 32.1 | −60 15 | 6.24 | . . | . . | . . | . . | 02 | . . | . . | 02 | . . | . . | . . | . . | . . | . . | . . | 10. | F |
| 6178 | Scorpius | — | 10879 | 5718 | 22503 | 32.4 | −37 1 | 6.10 | . . | 01 | . . | . . | 08 | 17 | 06 | 14 | . . | . . | . . | . . | . . | . . | 15 | 3. | A |
| 6179 | Ophiuc. | — | 4467 | 2790 | 22514 | 32.6 | − 6 20 | 6.00 | 01 | . . | . . | . . | . . | 09 | 09 | . . | . . | . . | 20 | . . | . . | 06 | 05 | 06 | A |
| 6180 | U. Min. | — | 734 | . . | . . | 33.2 | +72 49 | 6.45 | . . | . . | . . | 08 | . . | 01 | 08 | . . | . . | . . | . . | 03d | . . | . . | . . | 67 | K |
| 6181 | Herc. | — | 3177 | 2791 | . . | 33.2 | +13 54 | 6.20 | 13 | . . | . . | 04 | . . | 10 | . . | . . | . . | . . | . . | 28b | . . | . . | 10 | 33 | G |
| 6182 | T. Aust. | — | 3196 | . . | 22504 | 33.2 | −67 14 | 6.32 | . . | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | 87 | . . | . . | 5. | A |
| 6183 | Herc. | — | 2194 | 2793 | . . | 33.3 | +46 49 | 5.95 | 02 | . . | . . | . . | . . | 02 | . . | . . | . . | . . | 12 | 15c | . . | . . | 00 | 66 | G 2 |
| 6184 | Draco | 16 | 1875 | 2796 | . . | 33.8 | +53 6 | 5.64 | 07 | . . | . . | . . | . . | 06 | . . | . . | 04 | . . | 02 | 00b | . . | | | | B 8 |
| 6185 | Draco | 17 | 1876 | 2794 | . . | 33.9 | +53 8 | 5.56 | 04 | . . | . . | . . | . . | 05 | . . | . . | 00 | . . | 02 | 11c | . . | . . | 07 | 40 | A 2 |
| 6186 | Draco | | | 2795 | . . | 33.9 | +53 8 | 6.58 | | | | | | | | | | | | | | | | | |
| 6187 | Ara | — | 11070 | 5728 | 22534 | 33.9 | −48 34 | 5.59 | . . | . . | . . | . . | 04 | . . | . . | 04 | . . | . . | . . | . . | . . | . . | 09 | 12. | A p |
| 6188 | Ara | — | 10890 | 5730 | 22540 | 34.1 | −49 27 | 5.91 | . . | . . | . . | . . | 00 | . . | . . | 00 | . . | . . | . . | . . | . . | . . | 19 | 5. | A p |
| 6189 | Ophiuc. | — | 4430 | . . | 22557 | 34.2 | − 9 21 | 6.38 | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | . . | . . | . . | . . | . . | F 2 |
| 6190 | Ophiuc. | — | 4537 | . . | 22562 | 34.7 | −20 13 | 6.46 | . . | . . | 08 | . . | . . | . . | 09 | . . | . . | . . | . . | . . | . . | . . | . . | 10. | G 5 |
| 6191 | U. Min. | — | 627 | 2805 | . . | 34.9 | +77 39 | 6.39 | 17 | . . | . . | 09 | . . | 11 | 18 | . . | . . | . . | 42 | 03c | . . | . . | 11 | 52 | G 5 |
| 6192 | Scorpius | — | 11913 | . . | 22570 | 35.3 | −32 57 | 5.94 | . . | . . | . . | . . | . . | . . | 14 | 14 | . . | . . | . . | . . | . . | . . | . . | 12. | G |
| 6193 | Ophiuc. | — | 12765 | . . | 22576 | 35.5 | −24 16 | 6.08 | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | . . | . . | . . | . . | 61 | A |
| 6194 | Herc. | 36 | 3234 | 2798 | . . | 35.6 | + 4 24 | 6.86 | 27 | . . | . . | 17 | . . | 09 | . . | . . | 21 | . . | 17 | 31a | . . | . . | 10 | 13 | A |
| 6195 | Herc. | m 37 | 3235 | 2799 | . . | 35.6 | + 4 25 | 5.73 | 00 | . . | . . | 03 | . . | 02 | . . | . . | 10 | . . | 07 | 31a | . . | . . | | | |
| 6196 | *Ophiuc.* | 24 | 4618 | 2797 | 22588 | 35.8 | −17 33 | 5.04 | 13 | . . | . . | . . | . . | 02 | 03 | 08 | 14 | . . | . . | . . | . . | . . | 16 | 89 | K |
| 6197 | Ara | — | 10858 | . . | 22574 | 35.8 | −45 53 | 6.28 | . . | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | . . | . . | . . | 10. | F |
| 6198 | Draco | — | 1289 | . . | . . | 35.9 | +63 17 | 6.44 | . . | . . | . . | . . | . . | . . | A | . . | . . | . . | . . | 19d | . . | . . | . . | 53 | K |
| 6199 | Draco | — | 1907 | 2803 | . . | 36.0 | +56 13 | 5.44 | 05 | . . | . . | . . | . . | 03 | 08 | . . | . . | . . | 09 | 01 d | . . | . . | 06 | 117 | G 2 |
| 6200 | Herc. | 42 | 2531 | 2802 | . . | 36.0 | +49 7 | 5.14 | 03 | . . | . . | . . | . . | 04 | . . | . . | 06 | . . | 19 | 14e | . . | . . | 11 | 136 | Ma |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**16h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° | | | | | | | | | | | | | | | | | | |
| 6201 | Ophiuc. | — | 3168 | .. | 22597 | 36.0 | − 0 48 | 6.26 | .. | .. | 02 | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 10 | A |
| 6202 | *Ophiuc.* | — | 4406 | 2800 | 22592 | 36.0 | −19 44 | 5.60 | 12 | .. | 18 | .. | .. | 05 | .. | 12 | .. | .. | .. | .. | .. | .. | 12 | 22 | A |
| 6203 | Herc. | — | 3063 | 2801 | .. | 36.2 | +12 35 | 5.98 | 08 | .. | .. | 15 | .. | 08 | .. | .. | .. | .. | .. | 38b | .. | .. | 28 | 05 | A |
| 6204 | T. Aust. | — | 3009 | 5743 | 22582 | 36.6 | −66 55 | 5.30 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | 79 | .. | .. | 30 | .. | 15 | 4. | A |
| 6205 | Ophiuc. | 14 | 3290 | 2804 | .. | 36.7 | + 1 21 | 5.86 | 01 | .. | .. | .. | .. | 02 | .. | .. | 16 | .. | 17 | 10a | .. | .. | 04 | 16 | A |
| 6206 | Scorpius | — | 10649 | .. | 22601 | 36.8 | −40 56 | 6.29 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | A 3 |
| 6207 | Ara | — | 10161 | .. | 22598 | 36.8 | −52 58 | 5.97 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K |
| 6208 | Herc. | — | 3115 | 2806 | .. | 36.9 | +25 3 | 6.22 | 09 | .. | 14 | .. | .. | 05 | 01 | .. | .. | .. | .. | 02c | .. | .. | 12 | .. | K |
| 6209 | Scorpius | — | 10653 | .. | 22602 | 36.9 | −40 55 | 6.17 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | B 8 |
| 6210 | Scorpius | — | 10942 | .. | 22604 | 37.0 | −37 58 | 6.16 | .. | .. | .. | .. | .. | .. | 08 | 07 | .. | .. | .. | .. | .. | .. | .. | 6. | A |
| 6211 | Scorpius | — | 13161 | .. | 22610 | 37.2 | −31 55 | 6.55 | .. | .. | .. | .. | .. | .. | 15 | 15 | .. | .. | .. | .. | .. | .. | .. | 5. | A |
| 6212 | Herc. | ζ 40 | 2884 | 2807 | .. | 37.5 | +31 47 | 3.00 | 09 | .. | .. | .. | .. | 08 | .. | .. | 00 | .. | 36 | 16c | .. | .. | 12 | 93 | G |
| 6213 | Herc. | 39 | 2668 | 2808 | .. | 37.5 | +27 7 | 5.91 | 15 | .. | .. | .. | .. | 11 | 05 | .. | 11 | .. | .. | 24b | .. | .. | 01 | 44 | F |
| 6214 | Scorpius | — | 10661 | 5750 | 22615 | 37.8 | −40 39 | 5.68 | .. | .. | .. | .. | 00 | 13 | 03 | 17 | .. | .. | .. | .. | 02 | .. | 02 | 5. | B 3 |
| 6215 | Ara | — | 6889 | 5751 | 22613 | 37.8 | −58 19 | 5.94 | .. | .. | .. | .. | 05 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | 02 | 2. | B 3 |
| 6216 | Scorpius | — | 11103 | .. | 22624 | 38.0 | −27 16 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14 | G |
| 6217 | T. Aust. | *a* | 2822 | 5752 | 22607 | 38.1 | −68 51 | 1.88 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | 12 | .. | .. | 03 | .. | 18 | 29. | K 2 |
| 6218 | Scorpius | — | 12358 | .. | 22634 | 38.8 | −28 19 | 5.96 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | A 5 |
| 6219 | Ara | — | 6893 | 5755 | 22626 | 38.8 | −58 9 | 5.76 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 02 | 1. | B |
| 6220 | Herc. | η 44 | 3029 | 2810 | .. | 39.5 | +39 7 | 3.61 | 08 | .. | .. | .. | .. | 04 | 05 | .. | 06 | .. | 01 | 15d | .. | .. | 01 | 104 | K |
| 6221 | Scorpius | — | 10677 | 5759 | 22658 | 40.0 | −39 12 | 5.52 | .. | 23 | .. | .. | 07 | 09 | 16 | 06 | .. | .. | .. | .. | .. | .. | 08 | 19. | K |
| 6222 | Herc. | — | 2830 | 2811 | .. | 40.1 | +34 13 | 5.90 | 10 | .. | 04 | .. | .. | 07 | .. | .. | .. | .. | 01 | 44b | .. | .. | 28 | 40 | A |
| 6223 | Draco | g 18 | 1145 | 2813 | .. | 40.2 | +64 47 | 5.00 | 01 | 03 | R | .. | .. | 04 | 00 | .. | 08 | .. | 03 | 05d | .. | 17 | 10 | 99 | K 5 |
| 6224 | Ophiuc. | 16 | 3298 | .. | .. | 40.4 | + 1 12 | 5.99 | .. | .. | .. | 03 | .. | 03 | .. | .. | 01 | .. | .. | 28b | .. | .. | .. | 17 | A |
| 6225 | Scorpius | 25 | 11667 | 5764 | 22675 | 40.7 | −25 21 | 6.57 | .. | .. | .. | .. | 22 | .. | 22 | .. | .. | .. | .. | .. | .. | .. | .. | 12. | K |
| 6226 | Draco | — | 1872 | .. | .. | 40.9 | +55 53 | 6.18 | .. | .. | 08 | 07 | .. | 08 | 05 | .. | .. | .. | .. | 36a | .. | .. | 03 | 28 | A |
| 6227 | Herc. | — | 3013 | 2812 | .. | 40.9 | +15 56 | 5.78 | 21 | .. | .. | 01 | .. | 12 | 09 | .. | .. | .. | 03 | 10d | .. | .. | 52 | 81 | Ma |
| 6228 | Herc. | i 43 | 3271 | 2814 | .. | 41.0 | + 8 46 | 5.38 | 14 | .. | .. | 03 | .. | 12 | .. | .. | 62 | .. | 36 | 24d | .. | .. | 22 | 58 | K |
| 6229 | Ara | η | 6906 | 5767 | 22672 | 41.1 | −58 52 | 3.68 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | 13 | .. | 08 | 25. | K 5 |
| 6230 | Herc. | — | 2642 | 2816 | .. | 42.0 | +43 24 | 6.07 | 13 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | 10d | .. | .. | .. | .. | K p |
| 6231 | T. Aust. | — | 3232 | .. | 22684 | 42.0 | −67 31 | 6.35 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | A |
| 6232 | Ophiuc. | 19 | 3175 | 2815 | .. | 42.2 | + 2 14 | 6.04 | 08 | .. | .. | .. | .. | 08 | 00 | .. | 03 | .. | 17 | 36b | .. | .. | 04 | 03 | A |
| 6233 | T. Aust. | — | 3365 | 5771 | 22686 | 42.2 | −65 12 | 6.30 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | 9. | B 9 |
| 6234 | Herc. | l 45 | 3272 | 2817 | .. | 42.8 | + 5 25 | 5.28 | 20 | .. | .. | 07 | .. | 12 | .. | .. | 29 | .. | 15 | 00b | .. | 04 | 12 | 39 | A p |
| 6235 | Ophiuc. | — | 4486 | .. | 22717 | 42.8 | −14 44 | 6.12 | .. | .. | 09 | .. | .. | 07 | 06 | 05 | .. | .. | .. | .. | .. | .. | .. | 31 | A |
| 6236 | Ara | — | 10998 | 5779 | 22711 | 43.0 | −49 52 | 6.55 | .. | .. | .. | .. | 19 | .. | .. | 19 | .. | .. | .. | .. | .. | .. | .. | 6. | A 5 |
| 6237 | Draco | — | 1702 | 2820 | .. | 43.4 | +56 58 | 4.88 | 05 | .. | .. | .. | .. | 04 | .. | .. | .. | .. | 02 | 16b | .. | .. | 17 | 59 | F 5 |
| 6238 | U. Min. | — | 511 | .. | .. | 43.5 | +79 6 | 6.38 | .. | .. | 03 | 04 | .. | .. | 02 | .. | .. | .. | .. | 06d | .. | .. | .. | 58 | K |
| 6239 | Herc. | — | 3225 | 2819 | .. | 43.5 | +13 46 | 6.32 | 01 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | .. | 06c | .. | .. | 22 | .. | G 5 |
| 6240 | Ophiuc. | — | 4395 | .. | 22738 | 43.7 | −15 30 | 6.11 | .. | .. | 14 | .. | .. | 04 | 17 | .. | .. | .. | .. | .. | .. | .. | .. | 21 | F |
| 6241 | Scorpius | ε 26 | 11285 | 5787 | 22731 | 43.7 | −34 7 | 2.36 | 21 | 17 | .. | .. | 07 | 08 | 06 | 02 | R | 04 | .. | .. | 06 | .. | 14 | 26. | K |
| 6242 | Herc. | — | 2749 | .. | .. | 44.1 | +42 26 | 6.15 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 02e | .. | .. | .. | .. | Mb |
| 6243 | Ophiuc. | 20 | 4394 | 2821 | 22751 | 44.3 | −10 36 | 4.73 | 05 | .. | 09 | 04 | .. | 05 | 06 | 09 | .. | .. | .. | .. | .. | .. | 03 | 31 | F |
| 6244 | Scorpius | — | 11023 | .. | 22744 | 44.3 | −37 21 | 6.22 | .. | .. | .. | .. | .. | .. | 16 | 15 | .. | .. | .. | .. | .. | .. | .. | 4. | A |
| 6245 | Scorpius | — | 10957 | 5793 | 22748 | 44.5 | −41 4 | 5.37 | .. | .. | .. | .. | 11 | 00 | 11 | 01 | .. | .. | .. | .. | 08 | .. | 19 | 9. | Oe |
| 6246 | Herc. | — | 3233 | 2822 | .. | 45.0 | +13 26 | 5.95 | 01 | .. | .. | 05 | .. | 15 | 11 | .. | .. | .. | 18 | 06b | .. | .. | 25 | 14 | A |
| 6247 | Scorpius | $\mu^1$ | 11033 | 5794 | 22761 | 45.1 | −37 53 | 3.09 | .. | 52 | .. | .. | 17 | 10 | 00 | 25 | .. | 23 | .. | .. | 06 | .. | 01 | 8. | B 3 p |
| 6248 | Ophiuc. | — | 4259 | .. | 22777 | 45.2 | − 2 29 | 6.32 | .. | .. | .. | .. | .. | 04 | 05 | .. | .. | .. | .. | .. | .. | .. | .. | 37 | G |
| 6249 | Scorpius | — | 10972 | 5798 | 22763 | 45.3 | −41 41 | 6.56 | .. | .. | .. | .. | 22 | .. | .. | 21 | .. | .. | .. | .. | .. | .. | .. | 2. | Oc |
| 6250 | Herc. | k 47 | 3256 | 2824 | .. | 45.5 | + 7 25 | 5.46 | 07 | .. | .. | .. | .. | 07 | .. | .. | 44 | .. | 03 | 24b | .. | .. | 06 | 08 | A |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**16h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 6251 | Ara | — | 8157 | .. | 22760 | 45.5 | −57 45 | 5.95 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | Ma | K5 |
| 6252 | Scorpius | μ² | 11037 | 5800 | 22778 | 45.6 | −37 51 | 3.64 | .. | 40 | .. | .. | 10 | 07 | 05 | 19 | .. | 16 | .. | .. | 19 | 13 | 04 | 7. | B 2 | B2 |
| 6253 | Ara | — | 4032 | .. | 22772 | 46.1 | −63 6 | 6.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | A | A0 |
| 6254 | Herc. | 52 | 2220 | 2826 | .. | 46.3 | +46 10 | 4.86 | 14 | .. | .. | .. | .. | 03 | 12 | .. | 09 | .. | 16 | 18b | .. | 12 | 14 | 20 | A 2 p | A2p |
| 6255 | Ophiuc. | 21 | 3323 | 2825 | .. | 46.4 | + 1 23 | 5.47 | 02 | .. | .. | .. | .. | 02 | .. | .. | 08 | .. | 09 | 37b | .. | .. | 13 | 10 | A | A2 |
| 6256 | Herc. | — | 2654 | .. | .. | 46.6 | +43 36 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04d | .. | .. | .. | .. | K p | K0 |
| 6257 | Norma | — | 11627 | .. | 22803 | 46.6 | −42 53 | 5.67 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 19. | Mb | mb |
| 6258 | Herc. | 50 | 2884 | 2827 | .. | 46.7 | +29 59 | 5.86 | 03 | .. | 10 | .. | .. | 06 | 01 | .. | 07 | .. | 18 | 00d | .. | .. | 01 | .. | K 5 p | K5 |
| 6259 | Herc. | — | 2795 | .. | .. | 47.0 | +32 44 | 6.26 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16b | .. | .. | .. | 43 | G 5 | K0 |
| 6260 | Scorpius | — | 11033 | .. | 22814 | 47.0 | −41 39 | 5.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 54 | .. | .. | R | B | B0 |
| 6261 | Scorpius | — | 11021 | .. | 22813 | 47.0 | −41 50 | 6.18 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | A p | B0 |
| 6262 | Scorpius | ζ¹ | 11633 | 5809 | 22812 | 47.0 | −42 12 | 4.88 | .. | .. | .. | .. | 08 | 01 | 06 | 03 | .. | .. | .. | .. | 28 | .. | 04 | 8. | B 1 p | B8p |
| 6263 | Scorpius | — | 11036 | .. | 22824 | 47.1 | −41 41 | 6.02 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | B | B0 |
| 6264 | Herc. | — | 2753 | .. | .. | 47.3 | +42 4 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25c | .. | .. | .. | .. | K | K0 |
| 6265 | Scorpius | — | 11041 | 5812 | 22827 | 47.3 | −41 40 | 6.72 | .. | .. | .. | .. | 23 | .. | .. | 22 | .. | .. | .. | .. | .. | .. | .. | 7. | Oa | Oa |
| 6266 | Scorpius | — | 11642 | .. | 22829 | 47.4 | −42 19 | 5.78 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | F 5 | F5 |
| 6267 | U. Min. | — | 634 | 2833 | .. | 47.5 | +77 41 | 6.01 | 10 | .. | .. | .. | .. | 02 | 07 | .. | .. | .. | .. | 27c | .. | .. | 09 | 01 | F | F2 |
| 6268 | Herc. | 49 | 3066 | 2829 | .. | 47.5 | +15 9 | 6.41 | 00 | .. | 13 | 05 | .. | 09 | 07 | .. | 41 | .. | 10 | 37b | .. | .. | 16 | 32 | A | A0p |
| 6269 | Ophiuc. | — | 4572 | .. | 22837 | 47.5 | −20 15 | 5.91 | .. | .. | 08 | .. | .. | 02 | .. | 07 | .. | .. | .. | .. | .. | .. | .. | 10. | F 5 p | B5 |
| 6270 | Herc. | 51 | 3069 | 2830 | .. | 47.6 | +24 50 | 5.20 | 04 | .. | 16 | .. | .. | 03 | 09 | .. | 10 | .. | 18 | 05c | .. | .. | 10 | 104 | K | K0 |
| 6271 | Scorpius | ζ² | 11646 | 5815 | 22832 | 47.6 | −42 12 | 3.75 | .. | .. | .. | .. | 22 | 23 | 11 | 13 | .. | 08 | .. | .. | 30 | .. | 00 | 24. | K 5 | K5 |
| 6272 | Scorpius | — | 10919 | 5821 | 22843 | 48.0 | −41 0 | 6.03 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | 2. | Oe | Oe |
| 6273 | Scorpius | — | 13594 | .. | 22859 | 48.2 | −30 26 | 6.33 | .. | .. | .. | .. | .. | .. | 16 | 16 | .. | .. | .. | .. | .. | .. | .. | 9. | A 5 | A5 |
| 6274 | Ara | — | 10905 | .. | 22854 | 48.4 | −50 31 | 6.57 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 67 | .. | .. | 5. | B 8 | B3 |
| 6275 | Ara | — | 10333 | .. | 22860 | 48.7 | −52 8 | 6.16 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 04 | 8. | A | A0 |
| 6276 | T. Aust. | — | 2666 | 5827 | 22841 | 48.9 | −69 7 | 6.01 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 31 | .. | 18 | 6. | A | A0 |
| 6277 | Ophiuc. | — | 3268 | .. | 22890 | 49.0 | − 1 27 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 36 | A 5 | F0 |
| 6278 | Ophiuc. | — | 4231 | .. | 22891 | 49.1 | −11 38 | 6.47 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 78 | A | A0 |
| 6279 | Herc. | 53 | 2925 | 2834 | .. | 49.2 | +31 52 | 5.35 | 05 | .. | .. | .. | .. | 08 | 04 | .. | 05 | .. | 08 | 27b | .. | .. | 05 | 48 | A | F0 |
| 6280 | Ophiuc. | 23 | 4374 | 2831 | 22901 | 49.2 | − 6 0 | 5.35 | 22 | .. | 03 | .. | .. | 06 | 05 | 17 | .. | .. | 30 | .. | .. | .. | 15 | 38 | K | K0 |
| 6281 | Ophiuc. | ι 25 | 3092 | 2832 | .. | 49.3 | +10 20 | 4.29 | 12 | .. | .. | 13 | .. | 02 | .. | .. | 11 | 27 | 13 | 27b | .. | .. | 11 | 12 | B 8 | B8 |
| 6282 | Scorpius | — | 11570 | .. | 22894 | 49.4 | −33 21 | 6.42 | .. | .. | .. | .. | .. | .. | 13 | 14 | .. | .. | .. | .. | .. | .. | .. | 16. | K | K2 |
| 6283 | Scorpius | — | 10975 | .. | 22899 | 49.6 | −40 40 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | A | B0 |
| 6284 | Ophiuc. | — | 4371 | .. | 22925 | 50.3 | −16 39 | 6.49 | .. | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Ma | K0 |
| 6285 | Ara | ζ | 7766 | 5837 | 22916 | 50.3 | −55 50 | 3.06 | .. | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | 04 | .. | 06 | 33. | K 5 | K5 |
| 6286 | Herc. | — | 2400 | .. | .. | 50.6 | +47 34 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15d | .. | .. | .. | .. | K p | K0 |
| 6287 | Herc. | — | 3002 | 2836 | .. | 50.6 | +21 8 | 5.48 | 07 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 10 | 16c | .. | .. | 12 | 79 | F | K0 |
| 6288 | Scorpius | 27 | 11590 | 5838 | 22931 | 50.6 | −33 6 | 5.51 | .. | 01 | .. | .. | 20 | 09 | 22 | 09 | .. | .. | .. | .. | .. | .. | 16 | 21. | K 2 | K5 |
| 6289 | Ara | — | 10924 | 5839 | 22923 | 50.6 | −50 29 | 5.70 | .. | .. | .. | .. | 05 | .. | .. | 04 | .. | .. | .. | .. | 10 | .. | 02 | 13. | A | B9 |
| 6290 | Herc. | — | 3258 | .. | .. | 50.7 | +13 47 | 6.16 | .. | .. | .. | 02 | .. | 03 | .. | .. | .. | .. | .. | 40b | .. | .. | .. | 17 | F | F2 |
| 6291 | Ophiuc. | 24 | 4249 | 2835 | 22935 | 50.8 | −22 59 | 5.60 | 05 | .. | .. | 12 | .. | 20 | 06 | 18 | 10 | .. | .. | .. | .. | 01 | 05 | 43 | A | A0 |
| 6292 | Herc. | 56 | 3156 | .. | .. | 50.9 | +25 54 | 6.33 | .. | .. | A | .. | .. | .. | .. | .. | 03 | .. | .. | 03c | .. | .. | .. | .. | G 5 | K0 |
| 6293 | Herc. | 54 | 3266 | 2837 | .. | 51.0 | +18 35 | 5.56 | 04 | .. | .. | 02 | .. | 01 | .. | .. | 16 | .. | 27 | 16d | .. | .. | 06 | 95 | K | K2 |
| 6294 | Ophiuc. | — | 4471 | .. | 22944 | 51.2 | −19 22 | 6.14 | .. | .. | 10 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 29 | A | B8 |
| 6295 | Ara | ε¹ | 10372 | 5844 | 22941 | 51.6 | −53 0 | 4.15 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | 10 | .. | 11 | 26. | K 2 | K2 |
| 6296 | Ophiuc. | — | 4417 | .. | 22966 | 51.9 | −10 49 | 6.23 | .. | .. | 03 | 07 | .. | 06 | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | B5 |
| 6297 | Ara | — | 7947 | .. | 22949 | 52.0 | −54 26 | 5.85 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 15 | 12. | A 2 | A2 |
| 6298 | Scorpius | — | 11131 | .. | 22962 | 52.1 | −37 27 | 6.24 | .. | .. | .. | .. | .. | .. | 13 | 12 | .. | .. | .. | .. | .. | .. | .. | 7. | A 3 | A3 |
| 6299 | Ophiuc. | κ 27 | 3298 | 2838 | .. | 52.9 | + 9 32 | 3.42 | 05 | .. | .. | .. | .. | 06 | .. | .. | 27 | 22 | 25 | 06c | .. | .. | 08 | 114 | K | K0 |
| 6300 | Ara | — | 11360 | .. | 22980 | 52.9 | −48 29 | 6.08 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | G | B5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**16h — 17h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 6301 | Herc. | — | 3155 | .. | .. | 53.0 | +14 3 | 6.51 | .. | .. | 03 | .. | .. | .. | 03 | .. | .. | .. | .. | 03b | .. | .. | .. | .. | G | g5— |
| 6302 | Ophiuc. | — | 4509 | .. | 22991 | 53.0 | −14 42 | 6.47 | .. | .. | 09 | .. | .. | 11 | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 46 | G | F2 |
| 6303 | Scorpius | — | 11123 | 5855 | 22989 | 53.2 | −45 18 | 6.52 | .. | .. | .. | .. | 05 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | 11. | K | K2 |
| 6304 | Ara | — | 6964 | .. | 22978 | 53.2 | −58 48 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | A | B0p |
| 6305 | Herc. | 57 | 3166 | .. | .. | 53.4 | +25 31 | 6.69 | .. | .. | A | .. | .. | .. | .. | .. | 29 | .. | .. | 21b | .. | .. | .. | .. | G 5 | K0 |
| 6306 | Herc. | — | 2345 | .. | .. | 53.5 | +50 13 | 6.70 | .. | .. | 23 | .. | .. | .. | 22 | .. | .. | .. | .. | 04d | .. | .. | .. | .. | K | ma |
| 6307 | Herc. | — | 3095 | .. | .. | 53.6 | +24 33 | 6.36 | .. | .. | 05 | .. | .. | .. | 06 | .. | .. | .. | .. | 15b | .. | .. | .. | .. | K | K0 |
| 6308 | Ophiuc. | — | 12997 | 5857 | 23004 | 53.8 | −24 56 | 5.92 | .. | .. | .. | .. | 35 | .. | 34 | .. | .. | .. | .. | .. | .. | .. | .. | 19. | Ma | ma |
| 6309 | Ophiuc. | — | 4633 | 2839 | .. | 53.9 | −12 44 | nov. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| 6310 | Ophiuc. | 26 | 13002 | 5860 | 23009 | 54.0 | −24 50 | 5.78 | .. | .. | .. | 10 | 20 | 02 | 07 | 06 | 27 | .. | .. | .. | .. | .. | .. | 07 | G | F0 |
| 6311 | Scorpius | — | 11236 | .. | 23002 | 54.0 | −35 46 | 6.04 | .. | .. | .. | .. | .. | .. | 05 | 04 | .. | .. | .. | .. | .. | .. | .. | 11. | K | K0 |
| 6312 | Ara | — | 10955 | .. | 23000 | 54.0 | −50 58 | 6.57 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 77 | .. | .. | 6. | A 5 | A3 |
| 6313 | Herc. | — | 2774 | .. | .. | 54.7 | +42 39 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 20d | .. | .. | .. | .. | K | K2 |
| 6314 | Ara | ε² | 8316 | 5872 | 23018 | 55.2 | −53 5 | 5.36 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | .. | .. | .. | 11 | .. | 12 | 13. | F 8 | F8 |
| 6315 | Draco | h 19 | 1157 | 2843 | .. | 55.4 | +65 17 | 4.82 | 14 | .. | .. | .. | .. | 09 | 06 | .. | 28 | .. | 10 | 13c | .. | .. | 12 | 45 | F 5 | F5— |
| 6316 | Scorpius | — | 13473 | 5875 | 23035 | 55.4 | −32 0 | 5.06 | 20 | 39 | .. | .. | 09 | 17 | 05 | 29 | .. | .. | .. | .. | 24 | .. | 16 | 6. | B 9 | B8 |
| 6317 | Ophiuc. | — | 3332 | .. | .. | 55.6 | + 6 44 | 6.38 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 42b | .. | .. | .. | 23 | F | A5— |
| 6318 | Ophiuc. | 30 | 4215 | 2842 | 23051 | 55.8 | − 4 4 | 5.00 | 02 | .. | 34 | .. | .. | 05 | 08 | 20 | .. | .. | 00 | .. | .. | .. | 10 | 84 | K | K0 |
| 6319 | Draco | 20 | 1159 | .. | .. | 55.9 | +65 11 | 6.44 | .. | .. | 04 | 02 | .. | 01 | 06 | .. | 54 | .. | .. | 24b | .. | .. | .. | 16 | A | F0 |
| 6320 | Ara | — | 8265 | 5882 | 23034 | 55.9 | −57 34 | 5.88 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 02 | 7. | B 3 | B3 |
| 6321 | Ophiuc. | 29 | 4381 | .. | 23054 | 56.0 | −18 44 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 6322 | U. Min. | ε 22 | 498 | 2851 | .. | 56.2 | +82 12 | 4.40 | 07 | .. | 08 | .. | .. | 00 | .. | .. | 10 | .. | 06 | 08d | .. | .. | 03 | 50 | G 5 | G5— |
| 6323 | Ara | — | 11191 | .. | 23050 | 56.3 | −47 1 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | A 5 | A2 |
| 6324 | Herc. | ε 58 | 2947 | 2844 | .. | 56.5 | +31 4 | 3.92 | 12 | .. | .. | .. | .. | 12 | .. | .. | 13 | .. | 07 | 24a | .. | .. | 18 | 04 | A | |
| 6325 | Herc. | — | 3045 | 2845 | .. | 56.7 | +22 47 | 5.74 | 02 | .. | .. | .. | .. | 00 | 01 | .. | .. | .. | 18 | 06c | .. | .. | 04 | 89 | K | K0 |
| 6326 | Herc. | — | 3095 | .. | .. | 57.0 | +15 5 | 6.16 | .. | .. | 06 | .. | .. | 10 | 05 | .. | .. | .. | .. | 24a | .. | .. | 11 | 30 | A | A0p |
| 6327 | Scorpius | — | 11201 | 5886 | 23072 | 57.0 | −38 0 | 5.98 | .. | 31 | .. | .. | 08 | 04 | 07 | 14 | .. | .. | .. | .. | .. | .. | 08 | 9. | F p | F0 |
| 6328 | Herc. | — | 2738 | .. | .. | 57.1 | +27 21 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 41b | .. | .. | .. | .. | F | F5— |
| 6329 | Ophiuc. | — | 3337 | .. | .. | 57.2 | + 8 36 | 6.24 | .. | .. | .. | 09 | .. | 08 | .. | .. | .. | .. | .. | 24a | .. | .. | .. | 48 | A | A0 |
| 6330 | Draco | — | 1934 | 2846 | .. | 57.5 | +56 50 | 6.11 | 08 | .. | .. | .. | .. | 06 | 15 | .. | .. | .. | .. | 17c | .. | .. | 09 | 81 | K | K0 |
| 6331 | Scorpius | — | 11188 | 5895 | 23086 | 57.8 | −45 21 | 6.40 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | 8. | A | A2 |
| 6332 | Herc. | d 59 | 2817 | 2847 | .. | 57.9 | +33 43 | 5.27 | 00 | .. | .. | .. | .. | 00 | .. | .. | 03 | .. | 06 | 31a | .. | .. | 38 | 04 | A 2 | A2 |
| 6333 | Herc. | — | 3183 | 2848 | .. | 58.2 | +25 40 | 5.95 | 14 | .. | .. | .. | .. | 12 | 02 | .. | .. | .. | 26 | 03c | .. | .. | 10 | 80 | K | K0 |
| 6334 | Scorpius | k | 11706 | 5898 | 23098 | 58.2 | −33 59 | 4.87 | .. | 22 | .. | .. | 11 | 07 | 00 | 20 | .. | .. | .. | .. | 33 | .. | 03 | 13. | B 1 p | B1p |
| 6335 | U. Min. | — | 751 | 2854 | .. | 58.3 | +73 17 | 6.24 | 03 | 02 | .. | .. | .. | 05 | 03 | .. | .. | .. | .. | 26b | .. | 12 | 12 | 10 | A | A5— |
| 6336 | Herc. | — | 2835 | 2850 | .. | 58.5 | +32 2 | 6.60 | 27 | .. | .. | .. | .. | 26 | .. | .. | .. | .. | .. | 02c | .. | .. | 05 | .. | K | K0 |
| 6337 | Herc. | 32 | 3179 | 2849 | .. | 58.6 | +14 14 | 5.10 | 01 | .. | .. | .. | .. | 00 | .. | .. | 30 | .. | 25 | 02d | .. | .. | 15 | 108 | Ma | ma |
| 6338 | Scorpius | — | 11396 | .. | 23101 | 58.6 | −43 58 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | A | A3 |
| 6339 | Herc. | — | 3180 | .. | .. | 58.7 | +14 41 | 6.52 | .. | .. | 03 | .. | .. | .. | 04 | .. | .. | .. | .. | 10c | .. | .. | .. | 22 | K | K0 |
| 6340 | Ophiuc. | — | 4627 | .. | 23115 | 58.9 | −20 21 | 6.17 | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2. | A | B3 |
| 6341 | Herc. | 33 | 3292 | 2852 | .. | 59.1 | +13 44 | 5.86 | 18 | .. | .. | .. | .. | 18 | .. | .. | 14 | .. | 34 | 31b | .. | .. | 16 | 08 | A | A0 |
| 6342 | Herc. | 34 | 3295 | 2853 | .. | 59.4 | +13 42 | 6.14 | 00 | .. | .. | .. | .. | 01 | .. | .. | 34 | .. | 14 | 11c | .. | .. | .. | .. | G 5 | K2 |
| 6343 | Herc. | — | 3218 | .. | .. | 59.6 | +19 50 | 6.57 | .. | .. | 23 | .. | .. | 23 | .. | .. | .. | .. | .. | 22d | .. | .. | 77 | .. | K 5 | K5— |
| 6344 | Scorpius | — | 11274 | .. | 23126 | 59.6 | −37 5 | 6.14 | .. | .. | .. | .. | .. | .. | 01 | 00 | .. | .. | .. | .. | .. | .. | .. | 6. | A 2 | A2 |
| 6345 | Draco | — | 884 | .. | .. | 59.7 | +69 20 | 6.52 | .. | .. | 12 | .. | .. | 13 | .. | .. | .. | .. | .. | 13c | .. | .. | .. | 16 | F | K0 |
| 6346 | Herc. | 61 | 2911 | .. | .. | 59.9 | +35 33 | 6.75 | .. | .. | A | .. | .. | .. | .. | .. | 65 | .. | .. | 37d | .. | .. | .. | .. | Mb | mb |
| 6347 | Scorpius | — | 11306 | 5904 | 23133 | 59.9 | −35 19 | 6.27 | .. | .. | .. | .. | 01 | .. | 01 | 02 | .. | .. | .. | .. | .. | .. | .. | 8. | B 5 | B3 |
| 6348 | Draco | — | 1728 | .. | .. | 0.1 | +60 47 | 6.24 | .. | .. | 03 | .. | .. | 03 | 00 | .. | .. | .. | .. | 07c | .. | .. | .. | 69 | K | K0 |
| 6349 | Ophiuc. | — | 3629 | 2855 | .. | 0.2 | + 0 49 | 5.94 | 00 | .. | 05 | .. | .. | 06 | .. | .. | .. | .. | 26 | 09c | .. | .. | 06 | 38 | F 8 | G0 |
| 6350 | Ophiuc. | 28 | 4512 | .. | 23147 | 0.2 | −21 25 | 6.29 | .. | .. | .. | 13 | .. | 13 | .. | .. | 19 | .. | .. | .. | .. | .. | .. | 52 | A | A0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**17h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 6351 | Herc. | — | 2890 | 2858 | .. | 0.3 | +34 56 | 6.01 | 11 | .. | 06 | 06 | .. | 04 | 02 | .. | .. | .. | 05 | 43a | .. | .. | .. | 20 | A | $a_3$ |
| 6352 | Herc. | — | 3220 | 2856 | .. | 0.4 | +19 45 | 6.13 | 08 | .. | 07 | .. | .. | 00 | .. | .. | .. | .. | 05 | 35a | .. | .. | 33 | 02 | A | $a_0$ |
| 6353 | Ophiuc. | — | 3224 | 2857 | 23153 | 0.4 | − 0 45 | 5.62 | 06 | .. | .. | .. | .. | 01 | 15 | 22 | .. | .. | .. | .. | .. | .. | 06 | 01 | A | $B_3$ |
| 6354 | Ophiuc. | — | 11896 | .. | 23154 | 0.6 | −26 22 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 18 | G | $a_0$ |
| 6355 | Herc. | 60 | 3142 | 2859 | .. | 0.7 | +12 53 | 4.91 | 03 | .. | .. | 04 | .. | 00 | .. | .. | 01 | .. | 04 | 11b | .. | 16 | 04 | 19 | A 3 | $a_3$ |
| 6356 | Ara | — | 5842 | .. | 23146 | 1.0 | −61 32 | 6.52 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 27 | .. | .. | 1. | A | $B_9$ |
| 6357 | Apus | — | 2361 | .. | 23137 | 1.0 | −70 35 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | K 5 | $K_0$ |
| 6358 | Ophiuc. | — | 3322 | .. | .. | 1.4 | + 9 53 | 6.56 | .. | .. | 01 | .. | .. | .. | 00 | .. | .. | .. | .. | 16c | .. | .. | .. | .. | K | $K_5$ |
| 6359 | Ophiuc. | — | 3142 | .. | .. | 1.5 | +10 35 | 6.47 | .. | .. | 11 | 01 | .. | .. | 09 | .. | .. | .. | .. | 03c | .. | .. | .. | .. | G 5 | $K_0$ |
| 6360 | Draco | — | 1170 | .. | .. | 1.6 | +64 45 | 6.09 | .. | .. | 06 | .. | .. | 09 | 03 | .. | .. | .. | .. | 19c | .. | .. | .. | 60 | G 5 | $K_0$ |
| 6361 | Ophiuc. | — | 3292 | 2860 | 23175 | 1.7 | − 1 31 | 6.25 | 02 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 15 | F | $a_2$ |
| 6362 | Herc. | — | 2652 | 2862 | .. | 2.0 | +43 57 | 6.36 | 12 | .. | 21 | .. | .. | 06 | 02 | .. | .. | .. | .. | 43a | .. | .. | 16 | 14 | A | $a_0$ |
| 6363 | Herc. | — | 2583 | 2863 | .. | 2.1 | +48 57 | 6.32 | 02 | .. | .. | .. | .. | 05 | 03 | .. | .. | .. | .. | 07c | .. | .. | 02 | .. | K | $K_0$ |
| 6364 | Herc. | — | 3073 | 2861 | .. | 2.1 | +22 13 | 5.72 | 13 | .. | .. | .. | .. | 06 | 08 | .. | .. | .. | 37 | 02d | .. | .. | 02 | 91 | K 5 p | $K_2$ |
| 6365 | Ophiuc. | — | 4717 | .. | 23194 | 2.4 | −17 29 | 6.14 | .. | .. | .. | .. | .. | 03 | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | $K_0$ |
| 6366 | Scorpius | — | 13840 | 5918 | 23189 | 2.4 | −30 16 | 5.82 | .. | 25 | .. | .. | 06 | 06 | 00 | 24 | .. | .. | .. | .. | .. | 20 | 03 | 12. | A 2 | $a_3$ |
| 6367 | Ophiuc. | — | 3230 | 2864 | 23208 | 3.1 | − 0 57 | 6.02 | 08 | .. | 21 | .. | .. | 08 | 04 | .. | .. | .. | .. | .. | .. | 12 | 02 | 16 | A | $a_0$ |
| 6368 | Ara | — | 3296 | .. | 23180 | 3.1 | −67 4 | 5.94 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19 | .. | .. | 19. | K 5 | $K_0$ |
| 6369 | Draco | $\mu$ 21 | 1857 | 2865 | .. | 3.2 | +54 36 | 5.83 | 12 | .. | .. | .. | .. | 13 | .. | .. | 14 | .. | 06 | 10c | .. | 01 | 14 | 38 | F 5 | $F_5$ |
| 6370 | Draco | | | 2866 | .. | 3.2 | +54 36 | 5.80 | | | | | | | | | | | | | | | | | | |
| 6371 | Scorpius | — | 11502 | 5924 | 23206 | 3.5 | −44 26 | 5.14 | .. | .. | .. | .. | 21 | 04 | 19 | 05 | .. | .. | .. | .. | .. | .. | 19 | 16. | G 5 | $e_5$ |
| 6372 | Ophiuc. | — | 4063 | .. | 23225 | 3.6 | − 3 45 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11 | G | $e_5$ |
| 6373 | Apus | — | 1610 | .. | 23177 | 3.6 | −74 25 | 6.41 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | A | $a_0$ |
| 6374 | Ara | — | 11492 | .. | 23215 | 4.0 | −48 45 | 5.95 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | Ma | ma |
| 6375 | Ophiuc. | — | 4445 | 2867 | 23239 | 4.3 | −10 23 | 5.58 | 06 | .. | 02 | .. | .. | 04 | .. | 04 | .. | .. | .. | .. | .. | .. | 18 | 12 | F | $F_5$ |
| 6376 | Herc. | — | 3103 | 2870 | .. | 4.5 | +40 39 | 6.27 | 02 | .. | 15 | .. | .. | 17 | .. | .. | .. | .. | 18 | 29b | .. | .. | 03 | 16 | A | $a_2$ |
| 6377 | Herc. | c | 2827 | 2869 | .. | 4.5 | +36 4 | 5.38 | 16 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | 20 | 31b | .. | .. | 27 | 38 | A | $a_5$ |
| 6378 | Ophiuc. | $\eta$ 35 | 4467 | 2868 | 23251 | 4.6 | −15 36 | 2.63 | 01 | .. | 18 | 23 | .. | 03 | .. | 01 | 13 | 08 | 21 | .. | .. | .. | 13 | 42 | A | $a_2$ |
| 6379 | U. Min. | — | 613 | 2871 | .. | 4.8 | +75 26 | 6.32 | 33 | .. | 00 | .. | .. | 14 | 18 | .. | .. | .. | 06 | 09b | .. | .. | 26 | 24 | A | $F_0$ |
| 6380 | Scorpius | $\eta$ | 11485 | 5930 | 23250 | 5.0 | −43 6 | 3.44 | .. | .. | .. | .. | 07 | 06 | 12 | 11 | .. | 02 | .. | .. | 21 | .. | 02 | 16. | F 2 | $F_2$ |
| 6381 | Scorpius | — | 11182 | 5934 | 23257 | 5.3 | −39 23 | 5.65 | .. | 28 | .. | .. | 07 | 02 | 04 | 22 | .. | .. | .. | .. | .. | .. | 05 | 10. | A | $a_0$ |
| 6382 | Scorpius | — | 11632 | .. | 23261 | 5.4 | −38 42 | 6.45 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | K | $K_0$ |
| 6383 | Draco | — | 2178 | .. | .. | 5.8 | +50 58 | 6.28 | .. | .. | .. | .. | .. | 01 | 02 | .. | .. | .. | .. | 51a | .. | .. | .. | 27 | A | |
| 6384 | Ara | — | 8098 | .. | 23259 | 5.8 | −56 46 | 6.05 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | F | $K_5$ |
| 6385 | Herc. | — | 3161 | .. | .. | 6.1 | +12 35 | 6.46 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 38b | .. | .. | .. | .. | A 2 | $A_0$ |
| 6386 | Ophiuc. | — | 12018 | 5938 | 23275 | 6.1 | −25 8 | 6.32 | .. | .. | .. | .. | 01 | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | 32 | A | $A_0$ |
| 6387 | Ophiuc. | — | 11516 | .. | 23276 | 6.2 | −27 38 | 6.10 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 17 | A | $B_9$ |
| 6388 | Herc. | — | 3109 | 2872 | .. | 6.3 | +40 54 | 5.12 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 21 | 07d | .. | .. | 02 | 123 | K | $K_0$ |
| 6389 | Scorpius | — | 12460 | .. | 23285 | 6.5 | −32 19 | 6.00 | .. | .. | .. | .. | .. | .. | 08 | 07 | .. | .. | .. | .. | .. | .. | .. | 5. | B 3 | $B_3$ |
| 6390 | Ophiuc. | — | 3367 | .. | .. | 6.9 | + 8 1 | 6.39 | .. | .. | .. | 13 | .. | 13 | .. | .. | .. | .. | .. | 04b | .. | .. | .. | .. | K | $K_0$ |
| 6391 | Herc. | 63 | 3140 | 2873 | .. | 7.0 | +24 21 | 6.19 | 04 | .. | 02 | 07 | .. | 03 | 02 | .. | 64 | .. | 01 | 36b | .. | .. | 14 | 25 | A | $A_3$ |
| 6392 | Scorpius | — | 11212 | .. | 23306 | 7.5 | −39 39 | 6.62 | .. | .. | .. | .. | .. | .. | 19 | 18 | .. | .. | .. | .. | .. | .. | .. | 13. | K | $K_5$ p |
| 6393 | Ophiuc. | 37 | 3165 | 2874 | .. | 7.8 | +10 42 | 5.56 | 03 | .. | .. | 04 | .. | 04 | 01 | .. | 04 | .. | 01 | 24d | .. | .. | 06 | .. | K | $K_5$ |
| 6394 | Ophiuc. | — | 3654 | 2875 | .. | 7.8 | + 0 29 | 6.52 | 06 | .. | .. | .. | .. | 07 | 01 | .. | .. | .. | .. | 30b | .. | .. | 18 | .. | F | $F_5$ |
| 6395 | Draco | — | 2032 | 2876 | .. | 8.2 | +52 32 | 6.13 | 11 | .. | .. | .. | .. | 10 | 00 | .. | .. | .. | 03 | 38a | .. | .. | 07 | 11 | A | $B_9$ |
| 6396 | Draco | $\zeta$ 22 | 1170 | 2878 | .. | 8.5 | +65 50 | 3.22 | 05 | 01 | .. | .. | .. | 00 | 02 | .. | 01 | .. | 07 | 23a | .. | 15 | 15 | 39 | B 5 | $B_5$ |
| 6397 | Scorpius | — | 11875 | 5951 | 23337 | 8.7 | −33 26 | 5.50 | .. | 10 | .. | .. | 05 | 06 | 12 | 13 | .. | .. | .. | .. | .. | 04 | 20 | 8. | B 3 | $B_3$ |
| 6398 | Scorpius | — | 11686 | .. | 23336 | 8.8 | −38 28 | 6.06 | .. | .. | .. | .. | .. | .. | 03 | 02 | .. | .. | .. | .. | .. | .. | .. | 10. | G | $F_8$ |
| 6399 | Herc. | — | 2604 | 2894 | .. | 9.1 | +49 53 | 6.05 | 15 | .. | 17 | .. | .. | 07 | 05 | .. | .. | .. | 09 | 36b | .. | .. | 15 | 29 | A | $a_2$ |
| 6400 | Apus | — | 2715 | 5953 | 23323 | 9.1 | −69 56 | 6.61 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | 6. | F 8 | $e_0$ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



17h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 6401 | Ophiuc. | A 36 | 12026 | 2877 | 23354 | 9.2 | −26 27 | 5.33 | 16 | .. | .. | 03 | .. | 08 | 08 | 12 | 06 | .. | .. | .. | .. | .. | 09 | 76 | K | K0 |
| 6402 | Ophiuc. | | | | 23355 | 9.2 | −26 27 | 5.29 | | | | | | | | | | | | | | | | | | |
| 6403 | Scorpius | — | 13968 | 5958 | 23356 | 9.5 | −30 6 | 6.21 | .. | .. | .. | .. | 06 | .. | 11 | 17 | .. | .. | .. | .. | .. | .. | .. | 4. | B 9 | A0 |
| 6404 | Ophiuc. | — | 4585 | .. | 23363 | 9.7 | −14 28 | 6.15 | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | K0 |
| 6405 | Scorpius | — | 11426 | 5961 | 23358 | 9.7 | −35 38 | 6.18 | .. | .. | .. | .. | 00 | .. | 02 | 01 | .. | .. | .. | .. | .. | .. | 18 | 9. | G | F8 |
| 6406 | Herc. | α 64 | 3207 | 2879 | .. | 10.1 | +14 30 | 3.48 | 09 | .. | .. | .. | .. | 09 | .. | .. | 06 | v | 29 | .. | .. | .. | 09 | 152 | Mb | Mb |
| 6407 | Herc. | | | | .. | 10.1 | +14 30 | 5.39 | | | | | | | | | | | | | | | | | | |
| 6408 | Ara | — | 6954 | .. | 23361 | 10.4 | −59 35 | 6.03 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | K | K2 |
| 6409 | Scorpius | — | 12545 | 5968 | 23377 | 10.5 | −32 33 | 5.55 | .. | 05 | .. | .. | 07 | 06 | 02 | 16 | .. | .. | .. | .. | 15 | .. | 00 | 6. | F 5 | F5 |
| 6410 | Herc. | δ 65 | 3221 | 2880 | .. | 10.9 | +24 57 | 3.16 | 10 | .. | 02 | 03 | .. | 11 | 02 | .. | 12 | .. | 09 | 30a | .. | .. | 19 | 54 | A | A2 |
| 6411 | Apus | ι | 2719 | 5972 | 23362 | 11.0 | −70 1 | 5.60 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 30 | .. | 06 | 1. | A | B8 |
| 6412 | Ophiuc. | — | 3283 | 2881 | .. | 11.2 | + 2 18 | 6.02 | 08 | .. | .. | .. | .. | 07 | .. | .. | .. | .. | .. | 36b | .. | .. | 08 | 40 | A 2 | A0 |
| 6413 | Ophiuc. | — | 4575 | .. | 23412 | 11.3 | − 6 8 | 6.16 | .. | .. | .. | 11 | .. | 12 | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 6414 | Ophiuc. | U | 3408 | 2883 | .. | 11.4 | + 1 19 | 5.76 | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | vb | .. | .. | v | v | B | B8 |
| 6415 | Ophiuc. | 41 | 3255 | 2882 | 23414 | 11.5 | − 0 20 | 4.82 | 13 | .. | .. | .. | .. | 05 | 00 | 06 | R | .. | 32 | .. | .. | .. | 10 | 104 | G 5 | K0 |
| 6416 | Ara | — | 11370 | 5979 | 23397 | 11.5 | −46 32 | 5.58 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | 02 | 17. | K | K0 |
| 6417 | Apus | ζ | 3310 | 5980 | 23378 | 11.5 | −67 40 | 4.74 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | 11 | .. | 01 | 19. | K 2 | K2 |
| 6418 | Herc. | π 67 | 2844 | 2885 | .. | 11.6 | +36 55 | 3.36 | 00 | .. | .. | .. | .. | 05 | 04 | .. | 31 | .. | 24 | 04d | .. | .. | 04 | 162 | K 2 | K5 |
| 6419 | Herc. | — | 3070 | .. | .. | 11.6 | +23 52 | 6.10 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10d | .. | .. | .. | .. | K | K2 |
| 6420 | Scorpius | — | 11572 | .. | 23403 | 11.6 | −44 1 | 6.08 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | A | |
| 6421 | Draco | — | 1336 | 2887 | .. | 11.7 | +62 59 | 5.47 | 01 | .. | .. | 05 | .. | 03 | 02 | .. | .. | .. | 02 | 21b | .. | 19 | 03 | 19 | A | A3 |
| 6422 | Scorpius | — | 12573 | .. | 23415 | 11.8 | −32 27 | 6.41 | .. | .. | .. | .. | .. | .. | 03 | 03 | .. | .. | .. | .. | 71 | .. | .. | 2. | B 3 | B8 |
| 6423 | Ara | — | 11324 | 5981 | 23405 | 11.8 | −49 58 | 6.47 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | 8. | F | |
| 6424 | Ophiuc. | o 39 | 13255 | 2884 | 23419 | 11.9 | −24 11 | 5.39 | 04 | .. | .. | 04 | .. | 08 | .. | 01 | 35 | 06 | .. | .. | .. | .. | 05 | 72 | K | K0 |
| 6425 | Ophiuc. | | | | 23420 | 11.9 | −24 11 | 6.90 | | | | | | | | | | | | | | | | | | |
| 6426 | Scorpius | — | 11626 | 5985 | 23422 | 12.1 | −34 53 | 5.89 | .. | 02 | .. | .. | 04 | 04 | 05 | 03 | .. | .. | .. | .. | .. | .. | 11 | 13. | K 5 | K2 |
| 6427 | Scorpius | — | 11595 | .. | 23417 | 12.2 | −44 7 | 6.91 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | R | .. | .. | 4. | A | |
| 6428 | Ophiuc | — | 4470 | .. | 23430 | 12.6 | −16 12 | 6.50 | .. | .. | .. | .. | .. | 04 | 05 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Ma | K5 |
| 6429 | Apus | — | 828 | 5989 | 23360 | 12.8 | −80 46 | 5.93 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | 15. | Ma | Mb |
| 6430 | Herc. | — | 3074 | .. | .. | 13.4 | +23 13 | 6.53 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 11d | .. | .. | .. | .. | K | K2 |
| 6431 | Herc. | u 68 | 2864 | 2890 | .. | 13.6 | +33 12 | var. | v | .. | .. | .. | .. | .. | .. | .. | v | .. | v | va | .. | .. | v | v | B 3 | B3 |
| 6432 | Herc. | — | 3216 | 2889 | .. | 13.7 | +17 26 | 5.90 | 02 | .. | .. | 01 | .. | 03 | 00 | .. | .. | .. | .. | 34a | .. | .. | 20 | 03 | A | A0 |
| 6433 | Ophiuc. | e 66 | 3156 | 2891 | .. | 13.9 | +10 58 | 5.28 | 18 | .. | .. | 05 | .. | 12 | .. | .. | 27 | .. | 17 | 24d | .. | .. | 07 | 139 | K | K5 |
| 6434 | Ophiuc. | — | 3386 | .. | .. | 14.0 | + 6 11 | 6.44 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 24b | .. | .. | .. | 30 | F | F0 |
| 6435 | Ophiuc. | — | 4773 | .. | 23460 | 14.1 | −17 39 | 6.04 | .. | .. | .. | 05 | .. | 09 | 01 | 14 | .. | .. | .. | .. | .. | 02 | .. | 19 | A | A0 |
| 6436 | Herc. | e 69 | 2864 | 2893 | .. | 14.2 | +37 24 | 4.80 | 14 | .. | .. | .. | .. | 13 | .. | .. | 07 | .. | 28 | 02a | .. | .. | 15 | 03 | A | A2 |
| 6437 | Herc. | — | 2614 | R | .. | 14.3 | +49 48 | 7.59 | R | .. | 08 | .. | .. | 05 | 03 | .. | .. | .. | R | 09c | .. | .. | R | .. | K | K2 |
| 6438 | Ara | — | 8478 | .. | 23448 | 14.3 | −57 55 | 5.94 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K | K0 |
| 6439 | Ophiuc. | — | 4426 | .. | 23477 | 14.6 | − 5 49 | 6.30 | .. | .. | 00 | .. | .. | .. | 00 | .. | .. | .. | .. | .. | : | .. | .. | .. | K | G5 |
| 6440 | Ara | — | 5558 | 6000 | 23455 | 14.6 | −62 46 | 5.88 | .. | .. | .. | .. | 05 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | 18 | 0. | B 3 | B3 |
| 6441 | Ophiuc. | — | 4605 | .. | 23474 | 14.7 | −19 14 | 6.55 | .. | .. | 05 | .. | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | 6. | F 2 | |
| 6442 | Ara | — | 8191 | .. | 23459 | 14.7 | −56 26 | 5.75 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | K | K0 |
| 6443 | Herc. | — | 2719 | 2896 | .. | 14.9 | +28 55 | 5.78 | 15 | .. | .. | .. | .. | 16 | .. | .. | .. | .. | 23 | 16c | .. | .. | 12 | 79 | K | K0 |
| 6444 | Herc. | — | 2910 | 2898 | .. | 15.0 | +38 55 | 5.98 | 08 | .. | .. | .. | .. | 01 | 10 | .. | .. | .. | 09 | 24c | .. | .. | 03 | 111 | K | K0 |
| 6445 | Ophiuc. | ξ 40 | 4731 | 2895 | 23481 | 15.0 | −21 1 | 4.46 | 05 | .. | 07 | .. | .. | 03 | .. | 03 | .. | .. | .. | .. | .. | .. | 09 | 30 | F 5 | F5 |
| 6446 | Serpens | ν 53 | 4722 | 2897 | 23485 | 15.2 | −12 45 | 4.35 | 03 | .. | .. | 13 | .. | 01 | 05 | 15 | .. | .. | 03 | .. | .. | .. | 25 | 08 | A | A0 |
| 6447 | Ara | — | 6800 | .. | 23472 | 15.2 | −60 35 | 5.96 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06 | .. | .. | 1. | B 8 | B8 |
| 6448 | Draco | — | 1743 | 2901 | .. | 15.3 | +60 46 | 6.42 | 09 | .. | 03 | .. | .. | 03 | 13 | .. | .. | .. | 39 | 12c | .. | .. | 22 | 71 | K | K0 |
| 6449 | Serpens | — | 4477 | .. | 23487 | 15.4 | −10 36 | 6.42 | .. | .. | 09 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | .. | A 5 | F0 |
| 6450 | Scorpius | — | 11507 | .. | 23492 | 15.8 | −37 43 | 6.30 | .. | .. | .. | .. | .. | .. | 03 | 02 | .. | .. | .. | .. | .. | .. | .. | 8. | G | B8 P } comp B |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**17h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalouge Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 6451 | Ara | ι | 11484 | *6008* | 23486 | 15.8 | −47 23 | 5.50 | .. | .. | .. | .. | *06* | .. | .. | 05 | .. | .. | .. | .. | *25* | .. | *22* | 8. | B 3 | B3 P |
| 6452 | Herc. | — | 3351 | 2900 | .. | 15.9 | +18 10 | 5.17 | *05* | .. | .. | .. | .. | 05 | .. | .. | .. | .. | *18* | *13*d | .. | .. | 28 | 133 | K 5 p | ma |
| 6453 | Ophiuc. | θ 42 | 13292 | 2899 | 23500 | 15.9 | −24 54 | 3.37 | 07 | .. | .. | *03* | 11 | *16* | .. | 01 | *12* | 02 | *54* | .. | .. | .. | 13 | 06 | B 3 | B3 |
| 6454 | Scorpius | — | 11505 | .. | 23497 | 15.9 | −35 49 | 6.32 | .. | .. | .. | .. | .. | .. | 00 | 01 | .. | .. | .. | .. | .. | .. | .. | 6. | G | G0 |
| 6455 | Herc. | — | 3246 | 2902 | .. | 16.1 | +25 37 | 5.32 | 04 | .. | .. | .. | .. | *04* | .. | .. | .. | .. | 19 | 43a | .. | 15 | 08 | 00 | A | A2 |
| 6456 | Scorpius | — | 11512 | .. | 23505 | 16.1 | −37 8 | 6.02 | .. | .. | .. | .. | .. | .. | 05 | *04* | .. | .. | .. | .. | .. | .. | .. | 12. | K | K0 |
| 6457 | Herc. | 70 | 3167 | 2904 | .. | 16.8 | +24 36 | 5.12 | 21 | .. | .. | .. | .. | *20* | .. | .. | 18 | .. | 44 | 32a | .. | .. | 33 | 00 | A | A0 |
| 6458 | Herc. | w 72 | 2896 | 2905 | .. | 16.9 | +32 36 | 5.36 | 08 | .. | .. | .. | .. | *03* | *05* | .. | *01* | .. | 15 | 32b | .. | .. | 04 | 58 | G | G0 |
| 6459 | Ophiuc. | 43 | 13081 | 2903 | 23530 | 17.0 | −28 2 | 5.43 | 17 | .. | .. | 04 | .. | *04* | .. | *17* | .. | .. | .. | .. | .. | .. | 09 | 22. | K | K2 |
| 6460 | Scorpius | — | 11669 | *6019* | 23522 | 17.0 | −44 4 | 5.10 | .. | .. | .. | .. | *12* | *11* | *01* | 23 | .. | .. | .. | .. | 15 | .. | *05* | 11. | B 8 | B8 |
| 6461 | Ara | β | 8100 | *6020* | 23516 | 17.0 | −55 26 | 2.80 | .. | .. | .. | .. | *08* | .. | .. | 07 | .. | 15 | .. | .. | 00 | .. | *08* | 34. | K 2 | K2 |
| 6462 | Ara | γ | 8225 | *6021* | 23515 | 17.0 | −56 17 | 3.51 | .. | .. | .. | .. | *09* | .. | .. | 09 | .. | *09* | .. | .. | *11* | .. | *01* | 5. | B 1 | B1 |
| 6463 | Ophiuc. | — | 3163 | .. | .. | 17.1 | +16 50 | 6.59 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *13*d | .. | .. | .. | .. | Ma | ma |
| 6464 | Herc. | 74 | 2293 | 2906 | .. | 17.5 | +46 20 | 5.77 | 03 | .. | .. | .. | .. | *10* | 08 | .. | 03 | .. | *11* | *35*e | .. | .. | 03 | 128 | K 5 p | K2 |
| 6465 | Ophiuc. | — | 4343 | .. | 23552 | 17.6 | − 2 18 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 30 | K | K5 |
| 6466 | Herc. | — | 2728 | .. | .. | 17.7 | +28 51 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 21b | .. | .. | .. | 48 | F 5 | F8 |
| 6467 | Herc. | — | 2506 | .. | .. | 17.8 | +48 17 | 6.32 | .. | .. | .. | .. | .. | 01 | *02* | .. | .. | .. | .. | 15b | .. | .. | .. | 27 | F | F2 |
| 6468 | Ara | κ | 11269 | *6032* | 23549 | 18.2 | −50 33 | 5.24 | .. | .. | .. | .. | 02 | .. | .. | *01* | .. | .. | .. | .. | 16 | .. | *09* | 20. | K | K0 |
| 6469 | Herc. | — | 3136 | 2907 | .. | 18.4 | +40 5 | 5.72 | 05 | .. | 05 | .. | .. | *12* | 00 | .. | .. | .. | *32* | *15*c | .. | .. | 03 | 55 | F | F8 |
| 6470 | Scorpius | — | 11674 | .. | 23567 | 18.4 | −34 37 | 6.28 | .. | .. | .. | .. | .. | .. | *05* | 06 | .. | .. | .. | .. | .. | .. | .. | 3. | A 2 | A0 |
| 6471 | Ara | — | 5590 | .. | 23554 | 18.6 | −62 57 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | B 8 | B9 |
| 6472 | Ophiuc. | — | 4597 | .. | 23577 | 18.7 | −21 21 | 5.96 | .. | .. | .. | 13 | .. | *04* | *10* | .. | .. | .. | .. | .. | .. | .. | .. | 11. | K | K0 |
| 6473 | Ophiuc. | — | 4516 | .. | 23579 | 18.8 | −18 22 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 23 | G | |
| 6474 | Ophiuc. | — | 13325 | .. | 23583 | 19.0 | −24 10 | 6.26 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11. | K | K0 |
| 6475 | Ara | — | 10881 | .. | 23574 | 19.0 | −51 52 | 6.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *66* | .. | .. | 6. | A | B8 |
| 6476 | Ophiuc. | — | 3405 | 2908 | .. | 19.2 | + 8 56 | 5.92 | 10 | .. | .. | 07 | .. | *11* | *08* | .. | .. | .. | 13 | *06*c | .. | .. | 08 | 79 | G | K2 |
| 6477 | Ara | — | 11531 | *6040* | 23591 | 19.4 | −45 46 | 5.55 | .. | .. | .. | .. | *21* | R | 21 | *01* | .. | .. | .. | .. | 03 | .. | *20* | 9. | A | B9 |
| 6478 | Ara | — | 11283 | .. | 23584 | 19.4 | −50 33 | 6.06 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *36* | .. | .. | 11. | B 9 | B9 |
| 6479 | Draco | — | 1937 | 2913 | .. | 19.6 | +53 31 | 5.95 | 02 | .. | .. | .. | .. | *02* | .. | .. | .. | .. | .. | *16*d | .. | .. | 00 | 83 | K | K5 |
| 6480 | Herc. | 73 | 3100 | 2910 | .. | 19.9 | +23 3 | 5.70 | 07 | .. | .. | .. | .. | *06* | .. | .. | 40 | .. | 24 | 25a | .. | .. | 20 | 26 | A | A3 |
| 6481 | Ophiuc. | — | 3174 | 2911 | .. | 20.0 | +16 25 | 5.69 | 08 | .. | .. | .. | .. | 04 | *12* | .. | .. | .. | 15 | 25b | .. | .. | 11 | 33 | A | A2 |
| 6482 | Ophiuc. | — | 3179 | 2912 | .. | 20.0 | +15 43 | 6.25 | *18* | .. | 24 | .. | .. | *06* | .. | .. | .. | .. | *34* | 37b | .. | .. | *50* | *31* | A | B9 |
| 6483 | Ara | — | 10662 | .. | 23597 | 20.0 | −52 13 | 5.77 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *07* | .. | .. | 16. | K | K0 |
| 6484 | Herc. | ρ 75 | 2878 | 2914 | .. | 20.2 | +37 14 | 5.47 | 00 | .. | .. | .. | .. | *09* | 09 | .. | 09 | .. | 21 | 19a | .. | .. | *04* | 22 | A | A0 |
| 6485 | Herc. | | | 2915 | .. | 20.2 | +37 14 | 4.52 | | | | | | | | | | | | | | | | | | |
| 6486 | Ophiuc. | b 44 | 13337 | 2909 | 23614 | 20.3 | −24 5 | 4.28 | 19 | .. | .. | 11 | .. | *18* | *20* | 08 | 12 | .. | .. | .. | .. | .. | 22 | 29 | F | F0 |
| 6487 | Ara | — | 8144 | *6044* | 23603 | 20.4 | −55 6 | 6.00 | .. | .. | .. | .. | *03* | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 6488 | Herc. | — | 2928 | 2917 | .. | 20.7 | +38 41 | 6.42 | *05* | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 05 | 36b | .. | .. | *07* | 41 | F 8 | F8 |
| 6489 | Ophiuc. | — | 3329 | .. | R | 20.7 | − 1 32 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 39 | F 2 | F5 |
| 6490 | Ophiuc. | — | 12160 | .. | 23621 | 20.7 | −25 52 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 06 | K | A0 |
| 6491 | Herc. | — | 2882 | .. | .. | 21.0 | +37 2 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 00c | .. | .. | .. | 54 | G | G5 |
| 6492 | Ophiuc. | d 45 | 13557 | 2916 | 23629 | 21.0 | −29 47 | 4.37 | 01 | .. | .. | 21 | *06* | *15* | *08* | 06 | .. | .. | .. | .. | .. | .. | 01 | 10. | F 5 | F5 |
| 6493 | Ophiuc. | — | *4275* | 2918 | 23641 | 21.3 | − 5 0 | 4.61 | 01 | .. | *01* | .. | .. | *16* | 08 | 06 | .. | .. | 07 | .. | .. | .. | *09* | 20 | F | F0 |
| 6494 | Ophiuc. | — | 13563 | .. | 23633 | 21.3 | −29 39 | 5.92 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 7. | B 9 | B9 |
| 6495 | Ophiuc. | — | 3241 | .. | .. | 21.4 | +17 0 | 6.29 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | *01*e | .. | .. | .. | .. | Mb | mb |
| 6496 | *Ophiuc.* | 47 | 4750 | 2919 | 23642 | 21.4 | −12 26 | 6.30 | 02 | .. | .. | .. | .. | *02* | .. | .. | 00 | .. | .. | .. | .. | .. | *10* | 23 | K | F8 |
| 6497 | Ophiuc. | — | 3368 | 2920 | .. | 21.5 | + 7 41 | 5.98 | 04 | .. | .. | *03* | .. | 00 | .. | .. | .. | .. | 11 | 30b | .. | 08 | 07 | 57 | F 5 p | A0 - Comp |
| 6498 | Ophiuc. | σ 49 | 3422 | 2921 | .. | 21.6 | + 4 14 | 4.44 | *02* | .. | .. | 06 | .. | *05* | .. | .. | *04* | .. | 01 | *04*d | .. | .. | *14* | 154 | K | G5 — K0 |
| 6499 | Herc. | — | *2809* | .. | .. | 22.0 | +26 57 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 36a | .. | .. | .. | *21* | A | A5 |
| 6500 | Ara | δ | 6842 | *6056* | 23636 | 22.1 | −60 36 | 3.79 | .. | .. | .. | .. | *03* | .. | .. | 03 | .. | .. | .. | .. | 01 | .. | *04* | 3. | B 8 | B8 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



17h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 6501 | Scorpius | — | 11546 | .. | 23649 | 22.2 | −36 41 | 6.03 | .. | .. | .. | .. | .. | .. | 03 | 03 | .. | .. | .. | .. | .. | .. | .. | 13. | K | K0 |
| 6502 | Herc. | — | 3481 | 2922 | .. | 22.5 | +20 10 | 5.42 | 00 | .. | .. | .. | .. | 02 | 01 | .. | .. | .. | 20 | 34a | .. | .. | 02 | 01 | B 5 | B5 |
| 6503 | Scorpius | — | 11927 | .. | 23657 | 22.5 | −38 26 | 6.44 | .. | .. | .. | .. | .. | .. | 16 | 16 | .. | .. | .. | .. | .. | .. | .. | 7. | A | A2 |
| 6504 | Ophiuc. | — | 4444 | .. | 23670 | 22.6 | − 8 7 | 6.31 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | F8 |
| 6505 | Ara | — | 8304 | .. | 23656 | 22.9 | −56 50 | 6.29 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | B 8 | B8 |
| 6506 | Herc. | — | 2971 | 2923 | .. | 23.2 | +34 47 | 5.91 | 09 | .. | 06 | .. | .. | 14 | .. | .. | .. | .. | 18 | 27a | .. | .. | 31 | 05 | A | B9 |
| 6507 | Ophiuc. | — | 3697 | 2925 | .. | 23.7 | + 0 25 | 5.16 | 02 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 12 | 46c | .. | .. | 26 | 60 | A | A5 |
| 6508 | Scorpius | υ 34 | 11638 | 6063 | 23698 | 24.0 | −37 13 | 2.80 | 04 | 10 | .. | .. | 04 | 08 | 01 | 08 | 00 | 17 | .. | .. | 15 | 02 | 08 | 7. | B 3 | B3 |
| 6509 | Herc. | x 77 | 2517 | 2926 | .. | 24.1 | +48 21 | 5.81 | 04 | .. | .. | .. | .. | 21 | 25 | .. | 09 | .. | 08 | 25b | .. | .. | 06 | 07 | A | A2 |
| 6510 | Ara | α | 11511 | 6064 | 23694 | 24.1 | −49 48 | 2.97 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | 02 | .. | .. | 08 | .. | 07 | 13. | B 3 p | B3p |
| 6511 | Draco | — | 1754 | 2928 | .. | 24.4 | +60 7 | 5.66 | 13 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | 19 | 20b | .. | .. | 14 | 19 | A 3 | A2 |
| 6512 | Ophiuc. | — | 4450 | .. | 23718 | 24.4 | − 5 50 | 6.42 | .. | .. | 13 | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | G5 |
| 6513 | Ara | — | 11626 | .. | 23706 | 24.4 | −45 57 | 6.31 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | G | G0 |
| 6514 | Draco | — | 1731 | 2930 | .. | 24.5 | +58 44 | 6.52 | 04 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | .. | 24b | .. | .. | 13 | 27 | A | A2 |
| 6515 | Ophiuc. | — | .. | .. | .. | 24.6 | −21 24 | nov. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| 6516 | Ophiuc. | — | 3300 | 2929 | 23743 | 25.2 | − 0 58 | 5.34 | 04 | .. | .. | .. | .. | 07 | 08 | 04 | .. | .. | 13 | .. | .. | .. | 14 | 62 | G | G5 |
| 6517 | Scorpius | — | 12149 | .. | 23732 | 25.2 | −33 37 | 6.50 | .. | .. | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | .. | .. | .. | .. | 12. | K | K0 |
| 6518 | Draco | — | 1014 | .. | .. | 25.3 | +67 24 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 35b | .. | .. | .. | 41 | K | K0 |
| 6519 | Ophiuc. | c 51 | 13412 | 2927 | 23739 | 25.3 | −23 53 | 4.89 | 01 | .. | .. | 01 | .. | 08 | R | 07 | 03 | .. | .. | .. | .. | .. | 09 | 06 | A | A0 |
| 6520 | Ophiuc. | — | 12152 | .. | 23744 | 25.6 | −26 11 | 6.01 | .. | .. | .. | .. | .. | 05 | .. | 05 | .. | .. | .. | .. | .. | .. | .. | 3. | A | A0 |
| 6521 | Ophiuc. | — | 3234 | .. | .. | 25.7 | +12 1 | 6.40 | .. | .. | .. | 06 | .. | 07 | .. | .. | .. | .. | .. | 28a | .. | .. | .. | 03 | A | A0 |
| 6522 | Scorpius | — | 11757 | .. | 23750 | 25.8 | −34 12 | 6.30 | .. | .. | .. | .. | .. | .. | 05 | 06 | .. | .. | .. | .. | .. | .. | .. | 7. | F 8 | F2 |
| 6523 | Scorpius | — | 11742 | .. | 23752 | 26.1 | −41 6 | 6.09 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | A | B9 |
| 6524 | Ophiuc. | — | 3337 | 2931 | .. | 26.4 | + 2 48 | 5.59 | 02 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 16 | 27c | .. | .. | 06 | 99 | F 8 p | G0p |
| 6525 | Ara | — | 7071 | 6081 | 23755 | 26.6 | −59 46 | 6.43 | .. | .. | .. | .. | 13 | .. | .. | 13 | .. | .. | .. | .. | .. | 43 | .. | 2. | A | A0 |
| 6526 | Herc. | λ 76 | 3034 | 2933 | .. | 26.7 | +26 11 | 4.48 | 19 | .. | .. | .. | .. | 02 | 17 | .. | 08 | .. | 22 | 14d | .. | .. | 05 | 139 | K 5 | K0 |
| 6527 | Scorpius | λ 35 | 11673 | 6082 | 23778 | 26.8 | −37 2 | 1.71 | 03 | 07 | .. | .. | 08 | 08 | 29 | 22 | 01 | 03 | .. | .. | 29 | .. | 06 | 12. | B 2 | B2 |
| 6528 | Herc. | — | 3047 | 2934 | .. | 27.1 | +31 13 | 5.82 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 22 | 08b | .. | .. | 03 | 66 | F 5 | K0 |
| 6529 | U. Min. | — | 544 | 2941 | .. | 27.2 | +80 13 | 5.91 | 04 | .. | 08 | .. | .. | 11 | .. | .. | .. | .. | 03 | 15d | .. | .. | 13 | 71 | G 5 | K2 |
| 6530 | Ara | — | 8682 | .. | 23785 | 27.2 | −53 17 | 6.27 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | A | A0 |
| 6531 | Herc. | — | 3147 | .. | .. | 27.3 | +38 58 | 6.45 | .. | .. | 12 | .. | .. | 12 | .. | .. | .. | .. | .. | 29b | .. | .. | .. | 39 | F 2 | F2 |
| 6532 | Ophiuc. | — | 3241 | .. | .. | 27.6 | +12 0 | 6.18 | .. | .. | .. | 05 | .. | 04 | .. | .. | .. | .. | .. | 44b | .. | .. | .. | 04 | A | B9 |
| 6533 | Herc. | 78 | 2767 | 2936 | .. | 27.9 | +28 29 | 5.58 | 01 | .. | .. | .. | .. | 00 | .. | .. | 02 | .. | 13 | 40a | .. | .. | 02 | 01 | A | A0 |
| 6534 | Ophiuc. | — | 4461 | 2935 | 23814 | 28.1 | − 5 40 | 5.69 | 13 | .. | 06 | .. | .. | 22 | .. | 03 | .. | .. | 38 | .. | .. | 02 | 06 | 34 | A | A2 |
| 6535 | Scorpius | — | 12935 | 6091 | 23811 | 28.1 | −32 31 | 5.71 | .. | 19 | .. | .. | 14 | 16 | 06 | 29 | .. | .. | .. | .. | .. | .. | 03 | 9. | A p | Oe5 |
| 6536 | Draco | β 23 | 2065 | 2937 | .. | 28.2 | +52 23 | 2.99 | 02 | .. | .. | .. | .. | 04 | 07 | .. | 19 | .. | 03 | 02c | .. | .. | 10 | 120 | G | G0 |
| 6537 | Ara | σ | 11661 | 6093 | 23805 | 28.3 | −46 26 | 4.63 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | 32 | .. | 08 | 10. | A | A0 |
| 6538 | Herc. | — | 2989 | .. | .. | 28.4 | +34 21 | 6.54 | .. | .. | 12 | .. | .. | .. | 11 | .. | .. | .. | .. | 26b | .. | .. | .. | 16 | G | G5 |
| 6539 | Scorpius | — | 11702 | .. | 23822 | 28.9 | −37 22 | 6.56 | .. | .. | .. | .. | .. | .. | 09 | 08 | .. | .. | .. | .. | .. | .. | .. | 3. | A 2 | A0 |
| 6540 | Draco | — | 1774 | .. | .. | 29.1 | +57 57 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04d | .. | .. | .. | 63 | G 2 | K2 |
| 6541 | Herc. | — | 3354 | 2939 | .. | 29.1 | +19 20 | 5.59 | R | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 21b | .. | .. | 41 | 42 | F | F5 |
| 6542 | Ophiuc. | — | 3218 | 2940 | .. | 29.2 | +16 25 | 5.66 | 12 | .. | .. | .. | .. | 06 | 06 | .. | .. | .. | 04 | 16c | .. | .. | 06 | 63 | K | K0 |
| 6543 | Ophiuc. | — | 3279 | .. | .. | 29.2 | +14 55 | 6.66 | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | .. | 12c | .. | .. | .. | .. | Mb | Mb |
| 6544 | Serpens | — | 4411 | .. | 23837 | 29.2 | −11 10 | 5.56 | .. | .. | .. | 07 | .. | 10 | 11 | 14 | .. | .. | .. | .. | .. | .. | 16 | 02 | A | B8 |
| 6545 | Ophiuc. | 52 | 4659 | .. | 23836 | 29.3 | −21 58 | 6.57 | .. | .. | .. | A | .. | .. | R | .. | 07 | .. | .. | .. | .. | .. | .. | 0. | A 2 | A0 |
| 6546 | Scorpius | Q | 12044 | 6099 | 23841 | 29.6 | −38 34 | 4.34 | .. | 03 | .. | .. | 15 | 12 | 04 | 01 | .. | .. | .. | .. | 71 | .. | 14 | 25. | K | K0 |
| 6547 | Ara | — | 11577 | 6100 | 23835 | 29.7 | −49 59 | 5.86 | .. | .. | .. | .. | 08 | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | 15. | K | K0 |
| 6548 | Ophiuc. | f 53 | 3424 | 2942 | .. | 29.9 | + 9 39 | 5.77 | 12 | .. | 05 | .. | .. | 16 | .. | .. | .. | .. | 34 | 24a | .. | .. | 08 | 31 | A 2 | A2 |
| 6549 | Ara | π | 8403 | 6102 | 23838 | 29.9 | −54 26 | 5.31 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | 16 | .. | 11 | 12. | A | A3 |
| 6550 | Herc. | — | 2850 | 2943 | .. | 30.0 | +41 19 | 5.82 | 08 | .. | .. | .. | .. | 09 | 02 | .. | .. | .. | 05 | 05d | .. | .. | 08 | 74 | K | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**17h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 6551 | Ophiuc. | — | 3220 | .. | .. | 30.0 | +16 35 | 6.40 | .. | .. | .. | .. | .. | 02 | 02 | .. | .. | .. | .. | 48a | .. | .. | .. | 05 | F | A5— |
| 6552 | Octans | — | 469 | 6103 | 23696 | 30.0 | −85 11 | 6.44 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | 9. | K | |
| 6553 | Scorpius | θ | 12312 | 6104 | 23849 | 30.1 | −42 56 | 2.04 | .. | .. | .. | .. | 05 | 04 | 02 | 01 | .. | 01 | .. | .. | 01 | .. | 06 | 28. | F | F0 |
| 6554 | Draco | ν 24 | 1944 | 2945 | .. | 30.2 | +55 15 | 4.98 | 12 | .. | .. | 05 | .. | 15 | 10 | .. | 08 | .. | 23 | 20c | .. | .. | .. | 47 | A 5 | A5— |
| 6555 | Draco | ν 25 | 1945 | 2946 | .. | 30.3 | +55 14 | 4.95 | 20 | .. | .. | 04 | .. | 15 | 00 | .. | 15 | .. | 19 | 21c | .. | .. | .. | 50 | A 5 | A5— |
| 6556 | Ophiuc. | α 55 | 3252 | 2944 | .. | 30.3 | +12 38 | 2.14 | 04 | .. | .. | .. | .. | 04 | .. | .. | 01 | 07 | 09 | 40b | .. | .. | 01 | 74 | A 5 | A6— |
| 6557 | Scorpius | — | 11723 | .. | 23855 | 30.6 | −38 0 | 6.45 | .. | .. | .. | .. | .. | .. | 26 | 26 | .. | .. | .. | .. | .. | .. | .. | 12. | G 5 | K0 |
| 6558 | Scorpius | — | 12327 | .. | 23859 | 31.0 | −42 49 | 5.96 | .. | .. | .. | .. | .. | 31 | .. | 32 | .. | .. | .. | .. | .. | .. | .. | 9. | A | B9 |
| 6559 | Herc. | — | 3157 | 2948 | .. | 31.7 | +21 4 | 5.82 | 00 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 18 | 51a | .. | .. | 11 | 20 | A | A2 |
| 6560 | Draco | — | 1780 | .. | .. | 31.9 | +57 38 | 6.17 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30b | .. | .. | .. | 46 | F | F2 |
| 6561 | Serpens | ξ 55 | 4621 | 2947 | 23879 | 31.9 | −15 20 | 3.64 | 03 | .. | 06 | .. | .. | 12 | .. | 03 | .. | 07 | 30 | .. | .. | .. | 21 | 34 | A 5 | A5— |
| 6562 | Serpens | — | 4622 | .. | 23880 | 31.9 | −15 30 | 5.92 | .. | .. | 03 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | A 5 | A5— |
| 6563 | Herc. | — | 2908 | .. | .. | 32.2 | +37 22 | 6.15 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19b | .. | .. | .. | 72 | A | K0 |
| 6564 | Herc. | — | 2787 | .. | .. | 32.2 | +28 14 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10c | .. | .. | .. | .. | K 5 | K5— |
| 6565 | Apus | — | 2086 | .. | 23861 | 32.3 | −72 10 | 6.66 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 46 | .. | .. | 0. | F 2 | F5 |
| 6566 | Draco | f 27 | 938 | 2951 | .. | 32.4 | +68 12 | 5.21 | 05 | .. | .. | .. | .. | 05 | .. | .. | 02 | .. | 15 | 02d | .. | .. | 04 | 62 | K | K0 |
| 6567 | Ophiuc. | μ 57 | 4472 | 2949 | 23892 | 32.4 | − 8 3 | 4.65 | 08 | .. | .. | .. | .. | 20 | 05 | 17 | R | .. | 06 | .. | .. | .. | 00 | 18 | B 8 | B8 |
| 6568 | Serpens | — | 4528 | .. | 23897 | 32.6 | −10 52 | 5.92 | .. | .. | 13 | .. | .. | 04 | .. | 17 | .. | .. | .. | .. | .. | .. | 07 | .. | G 5 | K0 |
| 6569 | Ara | λ | 11616 | 6124 | 23888 | 32.6 | −49 21 | 4.84 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 21 | .. | 04 | 12. | F 5 | F5— |
| 6570 | Herc. | — | 3033 | 2950 | .. | 32.8 | +30 51 | 5.76 | 03 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 03 | 62a | .. | .. | 39 | 19 | A | A2 |
| 6571 | Herc. | 79 | 3218 | 2952 | .. | 33.4 | +24 22 | 5.67 | 12 | .. | .. | .. | .. | 15 | 03 | .. | 13 | .. | 37 | 43a | .. | .. | 30 | 04 | A | A0 |
| 6572 | Ara | — | 11747 | .. | 23912 | 33.8 | −46 52 | 6.11 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 56 | .. | .. | 7. | A | A0 |
| 6573 | Draco | 26 | 1678 | 2955 | .. | 33.9 | +61 58 | 5.31 | 03 | 02 | .. | .. | .. | 01 | 00 | .. | 09 | .. | 20 | 07c | .. | 05 | 09 | 71 | F | F8 |
| 6574 | Herc. | y 82 | 2542 | 2954 | .. | 34.0 | +48 38 | 5.54 | 07 | .. | .. | .. | .. | 06 | 02 | .. | 04 | .. | 09 | 02d | .. | .. | 01 | 81 | K | K0 |
| 6575 | Ophiuc. | — | 3373 | 2953 | .. | 34.1 | + 2 5 | 6.35 | 03 | .. | .. | 01 | .. | 02 | .. | .. | .. | .. | .. | 03c | .. | .. | 22 | .. | G | K0 |
| 6576 | Ara | — | 11474 | .. | 23922 | 34.2 | −50 27 | 6.23 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | Ma | ma |
| 6577 | Ophiuc. | — | 3421 | .. | .. | 34.4 | +13 23 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03c | .. | .. | .. | 19 | F 2 | F5 |
| 6578 | Ophiuc. | — | 4425 | .. | 23964 | 35.0 | − 2 6 | 6.44 | .. | .. | .. | .. | .. | 03 | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Ma | mb |
| 6579 | Herc. | — | 2964 | .. | .. | 35.2 | +32 47 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 37c | .. | .. | .. | .. | K | K0 |
| 6580 | Scorpius | κ | 12137 | 6154 | 23966 | 35.6 | −38 59 | 2.51 | .. | 33 | .. | .. | 08 | 09 | 06 | 24 | .. | 18 | .. | .. | 19 | .. | 06 | 15. | B 2 | B2 |
| 6581 | Serpens | o 56 | 4808 | 2956 | 23983 | 35.8 | −12 49 | 4.39 | 02 | .. | .. | .. | .. | 07 | 04 | 09 | .. | .. | 11 | .. | .. | 10 | 03 | 04 | A 2 | A2 |
| 6582 | Pavo | η | 3662 | 6155 | 23958 | 35.9 | −64 41 | 3.58 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | .. | .. | .. | 12 | .. | 10 | 20. | K | K0 |
| 6583 | Scorpius | — | 11804 | 6156 | 23982 | 36.1 | −36 54 | 5.58 | .. | 04 | .. | .. | 16 | 23 | 01 | 02 | .. | .. | .. | .. | 02 | .. | 18 | 21. | K | K2 |
| 6584 | Herc. | — | 3075 | 2957 | .. | 36.2 | +31 15 | 6.30 | 10 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 15 | 12d | .. | .. | 35 | .. | K 5 | ma |
| 6585 | Ara | μ | 11094 | 6158 | 23974 | 36.2 | −51 47 | 5.26 | .. | .. | .. | .. | 07 | .. | .. | 08 | .. | .. | .. | .. | 11 | .. | 19 | 19. | K | G5— |
| 6586 | Pavo | — | 8703 | .. | 23973 | 36.3 | −57 30 | 6.14 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K | G5— |
| 6587 | Scorpius | — | 13208 | .. | 23994 | 36.5 | −33 0 | 6.47 | .. | .. | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | 16. | Ma | ma |
| 6588 | Herc. | ι 85 | 2349 | 2959 | .. | 36.6 | +46 4 | 3.79 | 13 | .. | .. | .. | .. | 06 | 18 | .. | 21 | .. | 32 | 24b | .. | 28 | 11 | 11 | B 3 | B3 |
| 6589 | Ophiuc. | — | 3246 | 2958 | .. | 36.6 | +15 13 | 6.26 | 01 | .. | .. | .. | .. | 00 | .. | .. | .. | .. | .. | 30c | .. | .. | 09 | 22 | A | A0 |
| 6590 | Ophiuc. | — | 3498 | .. | .. | 36.7 | + 6 22 | 5.98 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06d | .. | .. | .. | .. | K | K0 |
| 6591 | Herc. | — | 3076 | .. | .. | 36.9 | +31 22 | 6.43 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 11c | .. | .. | .. | .. | K | K0 |
| 6592 | Herc. | — | 3225 | .. | .. | 37.0 | +24 33 | 6.46 | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | 06c | .. | .. | 56 | .. | F 8 | K0 |
| 6593 | Ophiuc. | — | 11850 | .. | 24007 | 37.0 | −27 50 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11. | A 5 | A5 |
| 6594 | Ophiuc. | — | 3256 | 2961 | .. | 37.4 | +16 0 | 5.58 | 09 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 16 | 08b | .. | .. | 02 | 41 | F | F5 |
| 6595 | Ophiuc. | 58 | 4712 | 2960 | 24030 | 37.4 | −21 38 | 4.89 | 09 | .. | .. | 01 | .. | 11 | 05 | 07 | R | .. | .. | .. | .. | .. | 16 | 63 | F | F5— |
| 6596 | Draco | ω 28 | 949 | 2964 | .. | 37.5 | +68 48 | 4.87 | 01 | 03 | .. | .. | .. | 01 | 03 | .. | 02 | .. | 06 | 18c | .. | 01 | 11 | 45 | F 5 | F5— |
| 6597 | Scorpius | — | 12431 | .. | 24021 | 37.5 | −42 41 | 6.18 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | A 2 | A2 |
| 6598 | Draco | — | 933 | .. | .. | 37.6 | +69 38 | 6.48 | .. | .. | 01 | .. | .. | .. | 00 | .. | .. | .. | .. | 03b | .. | .. | .. | 09 | G | F8 |
| 6599 | Herc. | — | 2781 | .. | .. | 37.7 | +43 31 | 6.67 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19d | .. | .. | .. | 20 | K | K0 |
| 6600 | Serpens | — | 4732 | .. | 24050 | 38.1 | −13 28 | 6.27 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**17h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 6601 | Ophiuc. | — | 4487 | .. | 24060 | 38.3 | − 7 2 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A | B5 |
| 6602 | Herc. | 83 | 3231 | 2963 | .. | 38.4 | +24 37 | 5.59 | 10 | .. | 04 | .. | .. | 06 | .. | .. | 26 | .. | .. | 19d | .. | .. | 08 | .. | K | K5 |
| 6603 | Ophiuc. | β 60 | 3489 | 2962 | .. | 38.5 | + 4 37 | 2.94 | 04 | .. | .. | .. | .. | 05 | .. | .. | 01 | .. | 02 | 12d | .. | 06 | 20 | 125 | K | K0 |
| 6604 | Ophiuc. | — | 3321 | 2965 | .. | 38.8 | +14 20 | 6.21 | 00 | .. | .. | .. | .. | 02 | 03 | .. | .. | .. | .. | 17b | .. | .. | 01 | 17 | F | F5 |
| 6605 | Draco | — | 1791 | .. | .. | 38.9 | +57 22 | 6.84 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04c | .. | .. | .. | 24 | K | K0 |
| 6606 | Draco | — | 800 | 2971 | .. | 39.0 | +72 31 | 5.96 | 00 | .. | .. | .. | .. | 06 | 06 | .. | .. | .. | .. | 06c | .. | .. | 13 | 53 | K | K0 |
| 6607 | Draco | — | 2243 | 2969 | .. | 39.1 | +51 52 | 6.12 | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 01 | 12d | .. | .. | 03 | 19 | K | K0 |
| 6608 | Herc. | 84 | 3237 | 2966 | .. | 39.3 | +24 22 | 5.72 | 24 | .. | 17 | .. | .. | 06 | .. | .. | 48 | .. | 47 | 31c | .. | .. | 29 | 60 | F | B0 |
| 6609 | Ophiuc. | 61 | 3390 | 2967 | .. | 39.5 | + 2 37 | 6.25 | 12 | .. | .. | 11 | .. | 00 | .. | .. | 27 | .. | 09 | 27b | .. | .. | 15 | 09 | A | A0 |
| 6610 | Ophiuc. | — | 3391 | 2968 | .. | 39.6 | + 2 37 | 6.64 | | | | | | | | | | | 10 | 08b | | | | | | A0 |
| 6611 | Ophiuc. | — | 3329 | 2970 | .. | 39.8 | +14 27 | 6.13 | 02 | .. | .. | 02 | .. | 03 | .. | .. | .. | .. | 01 | 29c | .. | .. | 08 | 15 | A | A3 |
| 6612 | Herc. | — | 2757 | .. | .. | 40.1 | +44 8 | 6.57 | .. | .. | 15 | .. | .. | .. | 15 | .. | .. | .. | .. | 16e | .. | .. | .. | 71 | K | K2 |
| 6613 | Scorpius | — | 12189 | .. | 24097 | 40.2 | −38 5 | 6.24 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 10. | A | B9 |
| 6614 | Ara | — | 8312 | .. | 24087 | 40.3 | −55 22 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 68 | .. | .. | 8. | F | F0 |
| 6615 | Scorpius | ι1 | 11838 | 6191 | 24107 | 40.6 | −40 5 | 3.14 | .. | .. | .. | .. | 04 | 02 | 02 | 08 | .. | 00 | .. | .. | 01 | .. | 06 | 18. | F5p | F5 |
| 6616 | Sagitt. | X 3 | 11930 | 2972 | 24120 | 41.3 | −27 48 | var. | v | .. | .. | .. | v | .. | .. | .. | v | .. | .. | .. | .. | .. | .. | v | F8 | F8 |
| 6617 | Sagitt. | — | 4423 | .. | 24143 | 41.7 | −22 27 | 6.24 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 12. | K | K0 |
| 6618 | Draco | — | 1978 | 2975 | .. | 41.9 | +53 50 | 5.70 | 13 | .. | .. | .. | .. | 10 | 04 | .. | .. | .. | 19 | 30a | .. | 24 | 10 | 00 | A | A0 |
| 6619 | Herc. | — | 3090 | 2974 | .. | 41.9 | +31 33 | 6.25 | 22 | .. | .. | .. | .. | 09 | 13 | .. | .. | .. | 24 | 30b | .. | .. | 25 | 10 | A | B9 |
| 6620 | Serpens | — | 4770 | .. | 24154 | 41.9 | −14 42 | 6.07 | .. | .. | 09 | .. | .. | 11 | 01 | R | .. | .. | .. | .. | .. | .. | .. | 06 | G | B9 |
| 6621 | Sagitt. | — | 12367 | .. | 24156 | 42.2 | −26 57 | 6.16 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 8. | B3 | B3 |
| 6622 | Ara | — | 8799 | 6199 | 24147 | 42.3 | −53 35 | 5.90 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | 60 | .. | 25 | 6. | B5 | B3 |
| 6623 | Herc. | μ 86 | 2888 | 2976 | .. | 42.5 | +27 47 | 3.48 | 01 | .. | .. | .. | .. | 01 | .. | .. | 15 | .. | 02 | 14b | .. | .. | 00 | 91 | G5 | B5 |
| 6624 | Pavo | — | 6950 | 6201 | 24148 | 42.5 | −60 8 | 5.77 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | 03 | 14. | K | K0 |
| 6625 | Herc. | — | 2997 | 2978 | .. | 42.6 | +38 56 | 6.51 | 27 | .. | .. | .. | .. | 11 | 15 | .. | .. | .. | 34 | 21c | .. | .. | 31 | 38 | K | K0 |
| 6626 | Herc. | — | 3219 | 2980 | .. | 42.7 | +39 22 | 6.56 | 06 | .. | .. | .. | .. | 07 | .. | .. | .. | .. | .. | 28c | .. | .. | 06 | 63 | K | K0 |
| 6627 | Herc. | — | 3334 | 2977 | .. | 42.7 | +17 46 | 5.58 | 10 | .. | .. | .. | .. | 09 | .. | .. | .. | .. | 04 | 25b | .. | 28 | 12 | 24 | A | A0 |
| 6628 | Scorpius | — | 14609 | 6202 | 24169 | 42.7 | −31 40 | 4.83 | .. | 09 | .. | .. | 12 | 15 | 11 | 21 | .. | .. | .. | .. | .. | .. | 05 | 3. | B8 | B8 |
| 6629 | Ophiuc. | γ 62 | 3403 | 2979 | .. | 42.9 | + 2 45 | 3.74 | 08 | .. | .. | 07 | .. | 00 | .. | .. | 14 | .. | 09 | 36b | .. | .. | 14 | 09 | A | A0 |
| 6630 | Scorpius | G | 11907 | 6204 | 24179 | 43.0 | −37 1 | 3.25 | .. | 08 | .. | .. | 03 | 04 | 02 | 05 | .. | 05 | .. | .. | 25 | .. | 03 | 31. | K2 | K2 |
| 6631 | Scorpius | ι2 | 11886 | 6205 | 24182 | 43.1 | −40 4 | 4.88 | .. | .. | .. | .. | 01 | 10 | 06 | 15 | .. | .. | .. | .. | 27 | .. | 03 | 10. | A2p | A2p |
| 6632 | Ara | — | 8812 | .. | 24170 | 43.1 | −53 6 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 90 | .. | .. | 4. | A | A0 |
| 6633 | Ophiuc. | — | 3493 | .. | .. | 43.3 | + 3 50 | 6.19 | .. | .. | .. | 01 | .. | 01 | .. | .. | .. | .. | .. | 26a | .. | .. | .. | 19 | A | A0 |
| 6634 | Pavo | — | 3507 | .. | 24162 | 43.3 | −65 28 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K5 | |
| 6635 | Apus | — | 1226 | .. | 24135 | 43.5 | −76 10 | 6.11 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 19. | K | K2 |
| 6636 | Draco | ψ 31 | 804 | 2985 | .. | 43.7 | +72 12 | 4.90 | 06 | 03 | .. | .. | .. | 07 | 09 | .. | 08 | .. | 06 | 03c | .. | 06 | 22 | 19 | F5 | F5 |
| 6637 | Draco | | 805 | 2986 | .. | 43.7 | +72 12 | 6.07 | | | | | | | | | | | 29 | 07c | | | | | | |
| 6638 | Herc. | — | 3570 | 2981 | .. | 44.1 | +20 36 | 5.77 | 11 | .. | .. | .. | .. | 11 | 01 | .. | .. | .. | 19 | 14b | .. | .. | 13 | 63 | K | K0 |
| 6639 | Ophiuc. | — | 3406 | .. | .. | 44.3 | + 2 0 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18d | .. | .. | .. | .. | K | K0 |
| 6640 | Ara | — | 11958 | .. | 24207 | 44.3 | −45 35 | 6.19 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | G | B5 |
| 6641 | Herc. | — | 2537 | 2983 | .. | 44.4 | +47 39 | 6.34 | 04 | .. | .. | .. | .. | 01 | 05 | .. | .. | .. | 24 | 38b | .. | .. | 04 | 03 | A | A0 |
| 6642 | Herc. | — | 3435 | 2982 | .. | 44.5 | +19 17 | 6.04 | 02 | .. | .. | .. | .. | 05 | 03 | .. | .. | .. | 00 | 30b | .. | .. | 06 | 07 | A | A0 |
| 6643 | Scorpius | — | 11905 | .. | 24218 | 44.6 | −40 45 | 5.96 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 20. | Ma | Ma |
| 6644 | Herc. | 87 | 3353 | 2984 | .. | 44.8 | +25 39 | 5.34 | 05 | .. | .. | .. | .. | 06 | .. | .. | 04 | .. | 39 | 09c | .. | .. | 06 | 66 | G5 | K0 |
| 6645 | Scorpius | — | 14802 | .. | 24226 | 44.8 | −30 32 | 6.51 | .. | .. | .. | .. | .. | .. | 21 | 21 | .. | .. | .. | .. | .. | .. | .. | 3. | A | A0 |
| 6646 | Apus | — | 799 | 6222 | 24153 | 45.4 | −81 29 | 6.32 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | 19. | K | |
| 6647 | Scorpius | — | 12165 | 6225 | 24240 | 45.6 | −34 47 | 5.97 | .. | .. | .. | .. | 11 | .. | 13 | 02 | .. | .. | .. | .. | .. | .. | .. | 10. | B8 | B8 |
| 6648 | Scorpius | — | 12170 | .. | 24242 | 45.7 | −34 24 | 5.84 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 19. | K | K0 |
| 6649 | Scorpius | — | 12139 | .. | 24241 | 45.7 | −41 58 | 6.35 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | F | |
| 6650 | Ophiuc. | — | 3305 | .. | .. | 46.1 | +11 59 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05d | .. | .. | .. | .. | G5 | K2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**17h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 6651 | Scorpius | — | 12186 | .. | 24253 | 46.2 | −34 6 | 6.12 | .. | .. | .. | .. | .. | .. | 05 | 05 | .. | .. | .. | .. | .. | .. | 16. | | K | K0 |
| 6652 | Scorpius | — | 12187 | 6231 | 24256 | 46.3 | −35 0 | 6.48 | .. | .. | .. | .. | 03 | .. | 02 | .. | .. | .. | .. | .. | .. | .. | 13. | | A 5 | A0 |
| 6653 | Scorpius | — | 12013 | .. | 24255 | 46.3 | −35 36 | 6.04 | .. | .. | .. | .. | .. | .. | 07 | 08 | .. | .. | .. | .. | .. | .. | 16. | | A 5 | F2 |
| 6654 | Herc. | — | 3126 | 2987 | .. | 46.5 | +29 21 | 5.61 | 05 | .. | 05 | .. | .. | 11 | .. | .. | .. | .. | 58 | 01c | .. | .. | 04 | 83 | G 5 | K0 |
| 6655 | Herc. | — | 3227 | 2988 | .. | 46.6 | +22 20 | 5.91 | 02 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 15 | 51b | .. | .. | 14 | 19 | A 5 | A3 |
| 6656 | Draco | 30 | 2468 | 2989 | .. | 46.7 | +50 48 | 5.19 | 05 | .. | .. | .. | .. | 04 | 10 | .. | 19 | .. | 02 | 12b | .. | .. | 06 | 01 | A | A2 |
| 6657 | Scorpius | — | 12200 | 6237 | 24262 | 46.7 | −34 42 | 6.20 | .. | .. | .. | .. | 13 | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 10. | | A | B9 |
| 6658 | Scorpius | — | 12203 | 6238 | 24266 | 46.7 | −34 52 | 5.68 | .. | .. | .. | .. | 05 | .. | 12 | 18 | .. | .. | .. | .. | .. | 24 | .. | 17. | K | K0 |
| 6659 | Ophiuc. | — | 3412 | .. | 24274 | 46.8 | − 1 12 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 6660 | Scorpius | — | 12219 | 6241 | 24271 | 47.1 | −34 45 | 6.38 | .. | .. | .. | .. | 25 | .. | 25 | .. | .. | .. | .. | .. | .. | .. | 12. | | A | A0 |
| 6661 | Ophiuc. | Y | 4672 | .. | 24286 | 47.3 | − 6 7 | var. | .. | .. | .. | V | .. | V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | G0 |
| 6662 | Scorpius | — | 12226 | 6246 | 24275 | 47.3 | −34 43 | 6.08 | .. | .. | .. | .. | 10 | .. | 04 | 05 | .. | .. | .. | .. | .. | .. | 9. | | A | B9 |
| 6663 | Scorpius | — | 12228 | 6247 | 24276 | 47.3 | −34 48 | 6.45 | .. | .. | .. | .. | 03 | .. | 03 | .. | .. | .. | .. | .. | .. | .. | 12. | | A | A0 |
| 6664 | Herc. | z 88 | 2581 | 2991 | .. | 47.4 | +48 25 | 6.43 | 06 | .. | .. | .. | .. | 05 | 12 | .. | 13 | .. | 02 | 43b | .. | .. | 22 | 11 | B | B8 |
| 6665 | Ophiuc. | — | 3292 | .. | .. | 47.4 | +15 22 | 6.54 | .. | .. | 05 | .. | .. | .. | 05 | .. | .. | .. | .. | 07c | .. | .. | .. | .. | G 5 | K0 |
| 6666 | Serpens | — | 4560 | .. | 24291 | 47.5 | −10 52 | 6.34 | .. | .. | 11 | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | G5 |
| 6667 | Ophiuc. | — | 3528 | 2990 | .. | 47.6 | + 1 20 | 6.15 | 03 | .. | .. | 03 | .. | 01 | .. | .. | .. | .. | .. | 09d | .. | .. | 00 | .. | G 5 | K5 |
| 6668 | Scorpius | — | 12244 | .. | 24293 | 47.8 | −34 26 | 6.05 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | A 2 | A0 |
| 6669 | Herc. | — | 3225 | .. | .. | 47.9 | +40 5 | 6.52 | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | 40b | .. | .. | .. | 33 | F 5 | G0 |
| 6670 | Ophiuc. | — | 3566 | 2992 | .. | 48.4 | + 6 8 | 5.82 | 06 | .. | .. | 01 | .. | 05 | .. | .. | .. | .. | .. | 08b | .. | .. | 08 | 22 | F | F5 |
| 6671 | Scorpius | — | 12008 | .. | 24301 | 48.4 | −36 27 | 6.06 | .. | .. | .. | .. | .. | .. | 14 | 14 | .. | .. | .. | .. | .. | .. | .. | 13. | A 2 | A2 |
| 6672 | Sagitt. | 63 | 13615 | 6257 | 24312 | 48.7 | −24 52 | 6.13 | .. | .. | .. | .. | 07 | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | 42 | G | |
| 6673 | Herc. | — | 3228 | .. | .. | 48.8 | +40 0 | 6.06 | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | .. | 16d | .. | .. | .. | 88 | G 2 | K0 |
| 6674 | Herc. | — | 2379 | 2993 | .. | 49.2 | +46 41 | 6.57 | 03 | .. | .. | .. | .. | 20 | 22 | .. | .. | .. | 21 | 03d | .. | .. | 32 | 43 | K | K0 |
| 6675 | Scorpius | — | 12201 | 6264 | 24321 | 49.5 | −44 19 | 4.98 | .. | .. | .. | .. | 11 | 04 | 11 | 03 | .. | .. | .. | .. | .. | .. | 18 | 18. | K | K0 |
| 6676 | Ophiuc. | — | 3283 | .. | .. | 49.6 | +11 10 | 6.26 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 36b | .. | .. | .. | 46 | F 2 | F5 |
| 6677 | Herc. | f 90 | 3233 | 2997 | .. | 50.0 | +40 1 | 5.12 | 17 | .. | 05 | .. | .. | 12 | .. | .. | 48 | .. | 08 | 18d | .. | .. | 08 | 102 | G 2 | K0 |
| 6678 | Scorpius | — | 12001 | 6267 | 24330 | 50.0 | −40 17 | 6.48 | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16. | K | K5 |
| 6679 | Sagitt. | — | 4686 | 2994 | 24337 | 50.1 | −18 47 | 6.40 | 12 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | 05 | 11 | A | A0 |
| 6680 | Sagitt. | — | 13878 | 2995 | 24344 | 50.4 | −28 3 | 5.76 | 04 | .. | .. | 04 | .. | 17 | 08 | 17 | .. | .. | .. | .. | .. | 03 | 08 | 26 | A | A3 |
| 6681 | *Serpens* | — | 4722 | 2996 | 24357 | 50.5 | −15 47 | 5.94 | 02 | .. | 09 | .. | .. | 13 | 04 | 11 | .. | .. | .. | .. | .. | .. | 02 | 14 | A | A0 |
| 6682 | Scorpius | — | 12231 | 6276 | 24348 | 50.7 | −41 42 | 4.89 | .. | .. | .. | .. | 18 | 06 | 05 | 08 | .. | .. | .. | .. | 41 | .. | 01 | 28. | Ma | Ma |
| 6683 | Scorpius | — | 12058 | .. | 24358 | 51.0 | −39 7 | 6.39 | .. | .. | .. | .. | .. | .. | 05 | 05 | .. | .. | .. | .. | .. | .. | .. | 11. | A | A0 |
| 6684 | Ophiuc. | — | 3813 | 2998 | .. | 51.2 | + 0 42 | 5.73 | 03 | .. | .. | .. | .. | 01 | 04 | .. | .. | .. | .. | 24b | .. | .. | 19 | 29 | B 8 | B3 |
| 6685 | Herc. | 89 | 3120 | 3000 | .. | 51.4 | +26 4 | 5.48 | 15 | .. | .. | .. | .. | 15 | .. | .. | 02 | .. | 39 | 24a | .. | .. | 12 | 31 | F | F5 |
| 6686 | *Ophiuc.* | — | 4376 | 2999 | 24382 | 51.5 | − 4 4 | 5.60 | 09 | .. | 18 | .. | .. | 04 | 07 | 17 | .. | .. | .. | .. | .. | .. | 05 | 89 | K | K0 |
| 6687 | Herc. | — | 3237 | 3001 | .. | 51.6 | +22 28 | 5.69 | 08 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 17 | 23b | .. | .. | 04 | 91 | G 5 | K2 |
| 6688 | Draco | ξ 32 | 2033 | 3003 | .. | 51.8 | +56 53 | 3.90 | 03 | .. | .. | .. | .. | 02 | .. | .. | 00 | .. | 00 | 05d | .. | .. | 15 | 144 | K | K0 |
| 6689 | Ophiuc. | — | 3816 | .. | .. | 52.0 | + 0 5 | 6.14 | .. | .. | 34 | .. | .. | 35 | .. | .. | .. | .. | .. | 10a | .. | .. | .. | 02 | A | A2 |
| 6690 | Ophiuc. | — | 3578 | .. | .. | 52.1 | + 6 31 | 6.16 | .. | .. | .. | 02 | .. | 01 | .. | .. | .. | .. | .. | 40b | .. | .. | .. | 19 | A | A0 |
| 6691 | Sagitt. | — | 12060 | .. | 24388 | 52.1 | −36 51 | 5.78 | .. | .. | .. | .. | .. | .. | 07 | 07 | .. | .. | .. | .. | .. | .. | .. | 17. | G | G5 |
| 6692 | Sagitt. | — | 13936 | 3002 | 24395 | 52.3 | −28 45 | 5.95 | 13 | .. | .. | 17 | .. | 19 | 10 | 24 | .. | .. | .. | .. | .. | .. | 10 | 20 | G | B5 |
| 6693 | Sagitt. | — | 15035 | 6291 | 24407 | 52.7 | −30 14 | 5.27 | .. | 02 | .. | .. | 02 | 07 | 08 | 13 | .. | .. | .. | .. | .. | .. | 09 | 29. | K 5 | K5 |
| 6694 | Sagitt. | — | | 6292 | 24408 | 52.7 | −30 14 | 7.00 | | | | | | | | | | | | | | | | | | |
| 6695 | Herc. | θ 91 | 2982 | 3004 | .. | 52.8 | +37 16 | 3.99 | 01 | .. | .. | .. | .. | 01 | .. | .. | 08 | .. | 31 | 04c | .. | 08 | 09 | 155 | K | K0 |
| 6696 | Ophiuc. | — | 3299 | .. | .. | 52.8 | +11 4 | 6.50 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12b | .. | .. | .. | 13 | A | A0 |
| 6697 | Herc. | — | 3283 | .. | .. | 53.2 | +24 1 | 6.36 | .. | .. | 05 | .. | .. | .. | 06 | .. | .. | .. | .. | 16b | .. | .. | .. | 13 | F 8 | G0 |
| 6698 | Ophiuc. | ν 64 | 4632 | 3005 | 24436 | 53.5 | − 9 46 | 3.50 | 04 | .. | 13 | .. | .. | 10 | .. | R | 05 | 53 | 02 | .. | .. | .. | 02 | 89 | K | K0 |
| 6699 | Draco | — | 1995 | .. | .. | 53.6 | +56 0 | 6.10 | .. | .. | 11 | .. | .. | 10 | .. | .. | .. | .. | .. | 20b | .. | .. | .. | 29 | A | F0 |
| 6700 | Sagitt. | 4 | 13731 | 3006 | 24438 | 53.7 | −23 48 | 4.76 | 16 | .. | .. | 17 | .. | 05 | 04 | .. | 44 | .. | .. | .. | .. | .. | 06 | 28 | A | A0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



17h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 6701 | Draco | 35 | 667 | 3019 | .. | 53.9 | +76 59 | 5.04 | 06 | .. | .. | .. | .. | 06 | .. | .. | 36 | .. | 04 | 38b | .. | 19 | 06 | 44 | F 5 | F5 |
| 6702 | Herc. | — | 2627 | .. | .. | 53.9 | +45 23 | 6.22 | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | 20e | .. | .. | .. | 112 | K | mb |
| 6703 | Herc. | ξ 92 | 3156 | 3007 | .. | 53.9 | +29 16 | 3.82 | 09 | .. | .. | .. | .. | 08 | .. | .. | 14 | .. | 17 | 06c | .. | .. | 03 | 97 | K | K0 |
| 6704 | Sagitt. | — | 4940 | .. | 24451 | 54.1 | −20 20 | 6.48 | .. | .. | 06 | .. | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | 11. | K | K0 |
| 6705 | Draco | γ 33 | 2282 | 3009 | .. | 54.3 | +51 30 | 2.42 | 07 | .. | .. | .. | .. | 06 | .. | .. | 18 | .. | 02 | 05e | .. | .. | 02 | 203 | K 5 | K5 |
| 6706 | *Ophiuc.* | — | 4384 | 3008 | 24460 | 54.3 | − 4 48 | 5.98 | 04 | .. | 19 | .. | .. | 04 | .. | 27 | .. | .. | .. | .. | .. | .. | 07 | .. | K | K0 |
| 6707 | Herc. | ν 94 | 3093 | 3010 | .. | 54.7 | +30 11 | 4.48 | 15 | .. | .. | .. | .. | 15 | .. | .. | 04 | .. | 10 | 24b | .. | .. | 19 | 21 | F | F0 |
| 6708 | Sagitt. | — | 12115 | .. | 24469 | 55.1 | −36 22 | 6.32 | .. | .. | .. | .. | .. | .. | 04 | 05 | .. | .. | .. | .. | .. | .. | .. | 14. | A | B9 |
| 6709 | Ophiuc. | — | 3832 | .. | .. | 55.2 | + 0 38 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25b | .. | .. | .. | 22 | A | A2p |
| 6710 | Serpens | ζ 57 | 4217 | 3013 | 24486 | 55.2 | − 3 41 | 4.60 | 14 | .. | .. | .. | .. | 02 | .. | 16 | 10 | .. | 12 | .. | .. | .. | 05 | 52 | F | F0 |
| 6711 | Herc. | — | 2986 | 3016 | .. | 55.3 | +36 17 | 5.98 | 01 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | .. | 30c | .. | .. | 07 | 74 | G | K0 |
| 6712 | Ophiuc. | 66 | 3570 | 3014 | .. | 55.3 | + 4 23 | 4.81 | 02 | .. | .. | 04 | .. | 01 | .. | .. | 04 | .. | 06 | 13b | .. | .. | 09 | 07 | B 3 | B3 |
| 6713 | Herc. | 93 | 3335 | 3018 | .. | 55.6 | +16 46 | 4.71 | 18 | .. | .. | 13 | .. | 05 | .. | .. | 89 | .. | 24 | 01d | .. | .. | 05 | 119 | K | K0 |
| 6714 | Ophiuc. | 67 | 3458 | 3017 | .. | 55.6 | + 2 56 | 3.92 | 08 | .. | .. | 07 | .. | 02 | .. | .. | 10 | .. | 43 | 26b | .. | .. | 28 | 29 | B 5 p | B5P |
| 6715 | Sagitt. | 6 | 4987 | 3015 | 24492 | 55.6 | −17 10 | 6.31 | 21 | .. | .. | .. | .. | 21 | .. | .. | .. | .. | .. | .. | .. | .. | 09 | .. | K | K2 |
| 6716 | Sagitt. | — | 4503 | 3011 | 24498 | 55.8 | −22 46 | 5.73 | 02 | .. | .. | 03 | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | 17 | 73 | B | B0 |
| 6717 | U. Min. | — | 616 | .. | .. | 56.0 | +78 20 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06d | .. | .. | .. | 45 | K | K5 |
| 6718 | Herc. | — | 2635 | 3020 | .. | 56.0 | +45 28 | 6.22 | 15 | .. | 18 | .. | .. | 02 | .. | .. | .. | .. | 02 | 43b | .. | .. | 12 | 01 | A | B9 |
| 6719 | Ophiuc. | — | 3597 | .. | .. | 56.0 | + 6 16 | 6.18 | .. | .. | .. | 04 | .. | 03 | 06 | .. | .. | .. | .. | 44a | .. | .. | .. | 01 | A | B3 |
| 6720 | Herc. | — | 3494 | .. | .. | 56.1 | +19 31 | 6.42 | .. | .. | 03 | .. | .. | .. | 02 | .. | .. | .. | .. | 28a | .. | .. | .. | 23 | A | B9 |
| 6721 | Octans | χ | 274 | 6322 | 24176 | 56.1 | −87 40 | 5.22 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 12 | 20. | K 5 | |
| 6722 | Herc. | — | 3327 | 3021 | .. | 56.4 | +15 7 | 6.30 | 01 | .. | 04 | 12 | .. | 13 | .. | .. | .. | .. | .. | 10c | .. | .. | 15 | 19 | G 5 | G5 |
| 6723 | Ophiuc. | 68 | 3560 | 3023 | .. | 56.7 | + 1 19 | 4.44 | 02 | .. | .. | 08 | .. | 05 | .. | .. | 26 | .. | 31 | 10b | .. | .. | 14 | 10 | A | A2 |
| 6724 | Sagitt. | 7 | 13793 | 3022 | 24526 | 56.7 | −24 17 | 5.49 | 10 | .. | .. | 17 | .. | 06 | 03 | 09 | R | .. | .. | .. | .. | .. | 21 | 17 | F | A6 |
| 6725 | Draco | 34 | 818 | 3034 | .. | 56.9 | +72 1 | 5.54 | 02 | .. | .. | .. | .. | 13 | 10 | .. | 04 | .. | 03 | 10c | .. | .. | 02 | 19 | F | F2 |
| 6726 | Herc. | — | 3006 | 3024 | .. | 56.9 | +33 14 | 6.07 | 07 | .. | .. | .. | .. | 07 | .. | .. | .. | .. | 17 | 17d | .. | .. | 03 | 127 | K 5 | K5 |
| 6727 | Sagitt. | — | 4516 | 3012 | 24528 | 57.0 | −22 43 | 6.57 | 05 | .. | .. | 16 | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 27 | G | B0 |
| 6728 | Herc. | — | 2638 | 3031 | .. | 57.1 | +45 31 | 5.92 | 05 | .. | 15 | .. | .. | 09 | .. | .. | .. | .. | 20 | 18d | .. | .. | 02 | 102 | K | K2 |
| 6729 | Herc. | 95 | 3280 | 3026 | .. | 57.2 | +21 36 | 5.21 | 13 | .. | .. | .. | .. | 14 | .. | .. | 45 | .. | 06 | 10b | .. | .. | 18 | 42 | G p | G5 Comp |
| 6730 | Herc. | | | 3027 | .. | 57.2 | +21 36 | 5.13 | | | | | | | | | | | | | | | | | | A3 |
| 6731 | Apus | — | 1410 | 6330 | 24483 | 57.3 | −75 53 | 5.69 | .. | .. | .. | .. | 13 | .. | .. | 13 | .. | .. | .. | .. | .. | .. | 01 | 21. | A | K5 |
| 6732 | *Ophiuc.* | — | 4560 | 3025 | 24549 | 57.4 | − 5 21 | 6.61 | 36 | .. | 14 | .. | .. | 08 | 13 | .. | .. | .. | .. | .. | .. | .. | 16 | 22 | A | A0 |
| 6733 | Ophiuc. | τ 69 | 4549 | 3028 | 24552 | 57.6 | − 8 11 | 6.04 | 05 | .. | .. | .. | .. | 01 | 04 | R | 02 | .. | 20 | .. | .. | .. | 04 | 28 | F | F0 |
| 6734 | Ophiuc. | | | 3029 | | 57.6 | − 8 11 | 5.34 | | | | | | | | | | | | | | | | | | |
| 6735 | U. Min. | — | 647 | .. | .. | 57.7 | +75 10 | 6.44 | .. | .. | 07 | .. | .. | .. | 07 | .. | .. | .. | .. | 12c | .. | .. | .. | 22 | K | K0 |
| 6736 | Sagitt. | 9 | 13814 | 3030 | 24550 | 57.7 | −24 22 | 5.86 | 20 | .. | .. | 30 | .. | 09 | .. | R | 16 | .. | .. | .. | .. | .. | 01 | 49 | Oe 5 | Oe5 |
| 6737 | Herc. | — | 3009 | 3032 | .. | 57.9 | +33 20 | 6.27 | 10 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 05 | 12c | .. | .. | 23 | 107 | K | K5 |
| 6738 | Herc. | 96 | 3649 | 3033 | .. | 58.1 | +20 50 | 5.09 | 01 | .. | .. | .. | .. | 01 | .. | .. | 13 | .. | 10 | 55a | .. | .. | 36 | 10 | B 3 | B3 |
| 6739 | Sagitt. | — | 12229 | .. | 24557 | 58.1 | −35 54 | 5.82 | .. | .. | .. | .. | .. | .. | 07 | 08 | .. | .. | .. | .. | .. | .. | .. | 15. | K | K0 |
| 6740 | Pavo | — | 3796 | .. | 24534 | 58.1 | −64 33 | 6.41 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34 | .. | .. | 14. | K | K2 |
| 6741 | Herc. | 97 | 3260 | .. | .. | 58.3 | +22 56 | 6.12 | .. | .. | .. | 06 | .. | 19 | 13 | .. | 52 | .. | .. | 42a | .. | .. | .. | 15 | A | B8 |
| 6742 | Sagitt. | W | 14447 | 3035 | 24577 | 58.6 | −29 35 | var. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | v | F 5 | F5 |
| 6743 | Ara | θ | 11720 | 6338 | 24574 | 58.8 | −50 6 | 3.90 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | 00 | .. | 10 | 3. | B 1 | B1 |
| 6744 | Herc. | — | 3508 | .. | .. | 58.9 | +19 35 | 6.48 | .. | .. | 02 | .. | .. | .. | 02 | .. | .. | .. | .. | 10a | .. | .. | .. | 33 | A | A0 |
| 6745 | Pavo | π | 4292 | 6339 | 24559 | 58.9 | −63 40 | 4.44 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | 31 | .. | 14 | 4. | A 5 | A5 |
| 6746 | Sagitt. | γ 10 | 15215 | 6341 | 24596 | 59.4 | −30 26 | 3.07 | 02 | 00 | .. | .. | 05 | 05 | 08 | 05 | 43 | 05 | .. | .. | .. | .. | 07 | 19. | K | K0 |
| 6747 | Ophiuc. | — | 3578 | .. | .. | 59.6 | + 1 55 | 6.09 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 27a | .. | .. | .. | 48 | A p | B3 |
| 6748 | Sagitt. | — | 12214 | .. | 24601 | 59.6 | −36 2 | 5.92 | .. | .. | .. | .. | .. | .. | 08 | 07 | .. | .. | .. | .. | .. | .. | .. | 11. | G | B5 |
| 6749 | C. Aust. | — | 12272 | 6342 | 24598 | 59.6 | −43 26 | 5.77 | .. | .. | .. | .. | 15 | 28 | 09 | 20 | .. | .. | .. | .. | .. | .. | 16 | 12. | A 3 | A3 |
| 6750 | C. Aust. | — | | | | 59.6 | −43 26 | 5.77 | | | | | | | | | | | | | | | | | | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**17h—18h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 6751 | Apus | — | 1888 | *6345* | 24570 | 59.9 | −73 41 | 5.92 | .. | .. | .. | .. | 03 | .. | .. | *03* | .. | .. | .. | .. | .. | .. | 06 | 8. | F 5 | F5 |
| 6752 | Ophiuc. | 70 | 3482 | 3037 | .. | 0.4 | + 2 31 | 4.07 | 04 | .. | .. | *05* | .. | *01* | 03 | .. | 13 | .. | 28 | 05c | .. | 14 | 03 | 100 | K | K0 |
| 6753 | Herc. | — | 2627 | 3041 | .. | 0.5 | +48 28 | 6.06 | R | .. | .. | 04 | .. | *03* | .. | .. | .. | .. | 10 | 39c | .. | .. | 34 | *02* | A | A0 |
| 6754 | Herc. | — | 3254 | .. | .. | 0.6 | +23 56 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 39b | .. | .. | .. | 06 | A | A0 |
| 6755 | Serpens | — | 4558 | .. | 24632 | 0.7 | − 8 20 | 5.79 | .. | .. | .. | .. | .. | *03* | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 77 | B 8 | B8 |
| 6756 | Serpens | — | 4395 | 3038 | 24636 | 0.9 | − 4 46 | 5.90 | *05* | .. | 10 | .. | .. | 05 | .. | *10* | .. | .. | .. | .. | .. | .. | *30* | 58 | K | K0 |
| 6757 | Ophiuc. | — | 3414 | .. | 24639 | 1.0 | − 0 27 | 6.52 | .. | .. | 11 | .. | .. | .. | *12* | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | F5 |
| 6758 | Ophiuc. | — | 3383 | .. | .. | 1.1 | +12 0 | 6.46 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | R | .. | .. | .. | 11 | A | A0 |
| 6759 | Ara | — | 12215 | .. | 24630 | 1.1 | −45 47 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *62* | .. | .. | 3. | B 8 | B8 |
| 6760 | Pavo | — | 7231 | .. | 24624 | 1.1 | −59 3 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K | K5 |
| 6761 | Pavo | ι | 5797 | *6355* | 24618 | 1.1 | −62 1 | 5.48 | .. | .. | .. | .. | *06* | .. | .. | 06 | .. | .. | .. | .. | *03* | .. | *09* | 7. | G | G0 |
| 6762 | Sagitt. | — | 4855 | .. | 24638 | 1.2 | −21 27 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *25* | A | B1 |
| 6763 | Herc. | — | 3300 | .. | .. | 1.3 | +21 38 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *11c* | .. | .. | .. | .. | K | K0 |
| 6764 | Herc. | — | 3276 | .. | .. | 1.5 | +40 5 | 6.48 | .. | .. | *11* | .. | .. | .. | 12 | .. | .. | .. | .. | 22c | .. | .. | .. | 17 | G | F5 |
| 6765 | Herc. | 98 | 3273 | 3042 | .. | 1.8 | +22 13 | 5.32 | 06 | .. | .. | .. | .. | *05* | .. | .. | 18 | .. | 36 | *08*d | .. | .. | *27* | 96 | Ma | Ma |
| 6766 | Sagitt. | — | 14174 | 3039 | 24649 | 1.8 | −28 28 | 4.66 | 03 | .. | .. | *20* | .. | 02 | 07 | 09 | .. | .. | .. | .. | .. | .. | 14 | 95 | K | K0 |
| 6767 | Herc. | — | 2968 | .. | .. | 1.9 | +41 56 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18c | .. | .. | .. | 11 | A | A0 |
| 6768 | Herc. | — | 3047 | 3043 | .. | 2.1 | +32 14 | 5.92 | 05 | .. | .. | .. | .. | *05* | .. | .. | .. | .. | 22 | 03c | .. | .. | *02* | 77 | K | K0 |
| 6769 | Sagitt. | — | 5028 | 3040 | 24660 | 2.1 | −17 10 | 5.74 | 19 | .. | .. | .. | .. | *07* | .. | *13* | .. | .. | .. | .. | .. | .. | *19* | 69 | K | K0 |
| 6770 | Ophiuc. | 71 | 3582 | 3044 | .. | 2.5 | + 8 43 | 4.73 | 09 | .. | .. | *01* | .. | *08* | .. | .. | *23* | .. | 18 | 08c | .. | .. | 02 | 73 | G 5 | G5 |
| 6771 | Ophiuc. | 72 | 3564 | 3045 | .. | 2.6 | + 9 33 | 3.73 | 12 | .. | .. | *08* | .. | *03* | .. | .. | 05 | .. | 19 | 27b | .. | .. | 12 | 31 | A 2 | A3 |
| 6772 | Sagitt. | — | 12265 | .. | 24677 | 2.6 | −36 41 | 6.58 | .. | .. | .. | .. | .. | .. | *10* | 09 | .. | .. | .. | .. | .. | .. | .. | 4. | A p | B0 |
| 6773 | Sagitt. | — | 12793 | .. | 24685 | 2.7 | −25 29 | 6.27 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 7. | A | B8 |
| 6774 | Pavo | — | 2507 | .. | 24646 | 2.9 | −70 46 | 6.97 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *47* | .. | .. | *3.* | A | B9 |
| 6775 | Herc. | b 99 | 3128 | 3047 | .. | 3.2 | +30 33 | 5.21 | 15 | .. | .. | .. | .. | *19* | 05 | .. | 12 | .. | 00 | 09a | .. | .. | 11 | 33 | F 8 | F8 |
| 6776 | Ophiuc. | — | 3529 | .. | .. | 3.2 | +13 3 | 6.46 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 32b | .. | .. | .. | *13* | F | A0 |
| 6777 | Sagitt. | — | 13814 | .. | 24698 | 3.4 | −32 44 | 6.52 | .. | .. | .. | .. | .. | .. | 03 | *04* | .. | .. | .. | .. | .. | .. | .. | 14. | K | G5 |
| 6778 | Telesc. | — | 12098 | .. | 24694 | 3.5 | −47 32 | 6.08 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *13* | .. | .. | 17. | K | K0 |
| 6779 | Herc. | o 103 | 2925 | 3048 | .. | 3.6 | +28 45 | 3.83 | 16 | .. | .. | .. | .. | *16* | .. | .. | 15 | .. | *16* | 23a | .. | .. | 14 | 23 | A | A0 |
| 6780 | Sagitt. | — | 15316 | *6373* | 24708 | 3.6 | −30 45 | 5.58 | 15 | *06* | .. | .. | 03 | *02* | *17* | 08 | .. | .. | .. | .. | .. | .. | 07 | 18. | G 2 | K0 |
| 6781 | Herc. | 100 | 3178 | 3049 | .. | 3.8 | +26 5 | 5.92 | 02 | .. | .. | .. | .. | *21* | 20 | .. | *46* | .. | 05 | 24a | .. | .. | *01* | 20 | A 3 | A3 |
| 6782 | Herc. | — | | 3050 | .. | 3.8 | +26 5 | 6.00 | | | | | | | | | | | 20 | | | | | | A 3 | A3 |
| 6783 | Telesc. | ε | 12251 | *6374* | 24703 | 3.8 | −45 58 | 4.60 | .. | .. | .. | .. | *06* | .. | .. | 06 | .. | .. | .. | .. | 50 | .. | 15 | 21. | K | K0 |
| 6784 | Herc. | — | 3427 | .. | .. | 4.0 | +14 16 | 6.30 | .. | .. | *06* | .. | .. | 04 | 01 | .. | .. | .. | .. | 27b | .. | .. | .. | *19* | A | A2 |
| 6785 | Serpens | — | 4863 | .. | 24721 | 4.0 | −13 57 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 6786 | C. Aust. | — | 12491 | *6376* | 24713 | 4.0 | −41 23 | 5.90 | .. | .. | .. | .. | *01* | *07* | *11* | 21 | .. | .. | .. | .. | .. | .. | 00 | 5. | B 3 | A6 |
| 6787 | Herc. | 102 | 3674 | 3051 | .. | 4.4 | +20 48 | 4.32 | 16 | .. | .. | .. | .. | *16* | .. | .. | 48 | .. | *06* | 28a | .. | .. | 28 | *02* | B 2 | B3 |
| 6788 | Sagitt. | — | 12917 | .. | 24723 | 4.4 | −33 49 | 6.24 | .. | .. | .. | .. | .. | .. | *06* | 06 | .. | .. | .. | .. | .. | .. | .. | 4. | B 5 | B5 |
| 6789 | U. Min. | δ 23 | 269 | 3077 | .. | 4.5 | +86 37 | 4.44 | *10* | .. | 01 | .. | .. | 09 | .. | .. | *14* | .. | 10 | 24a | .. | 22 | *08* | 60 | A | A0 |
| 6790 | Draco | — | 2525 | .. | .. | 4.5 | +50 49 | 6.35 | .. | .. | 07 | .. | .. | .. | *07* | .. | .. | .. | .. | 09c | .. | .. | .. | 45 | G 5 | K0 |
| 6791 | Herc. | — | 2892 | 3055 | .. | 4.5 | +43 27 | 5.11 | *04* | .. | .. | .. | .. | *01* | 04 | .. | .. | .. | *15* | 15d | .. | .. | *09* | 71 | G 5 | G5 |
| 6792 | Herc. | — | 2732 | 3057 | .. | 4.6 | +49 42 | 6.31 | 03 | .. | *09* | .. | .. | 06 | .. | .. | .. | .. | *20* | 43b | .. | .. | *01* | *10* | A | A0 |
| 6793 | Herc. | — | 3027 | 3054 | .. | 4.6 | +36 23 | 5.67 | *03* | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 24 | 01d | .. | .. | *12* | 75 | K | K0 |
| 6794 | Herc. | 101 | 3675 | 3053 | .. | 4.6 | +20 1 | 5.24 | *06* | .. | 13 | .. | .. | *07* | .. | .. | 11 | .. | 04 | 16b | .. | 06 | *04* | 13 | A 2 | A3 |
| 6795 | Ophiuc. | 73 | 3610 | 3052 | .. | 4.6 | + 3 58 | 5.67 | 03 | .. | .. | 00 | .. | 01 | *04* | .. | *12* | .. | 15 | 19b | .. | .. | 03 | 51 | F | F2 |
| 6796 | Pavo | — | 4334 | .. | 24714 | 4.6 | −63 43 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 55 | .. | .. | 16. | K | K2 |
| 6797 | Ophiuc. | — | 3613 | 3056 | .. | 4.8 | + 3 6 | 5.73 | *03* | .. | .. | *03* | .. | 06 | 01 | .. | .. | .. | 13 | 19b | .. | .. | .. | 45 | F | F5 |
| 6798 | Sagitt. | — | 4886 | .. | 24747 | 5.3 | −19 52 | 6.33 | .. | .. | 00 | .. | .. | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | 12 | A | A2 |
| 6799 | Herc. | — | 3138 | .. | .. | 5.4 | +30 26 | 6.64 | .. | .. | 17 | 12 | .. | *24* | *03* | .. | .. | .. | .. | *20c* | .. | .. | .. | 03 | K | K2 |
| 6800 | Ophiuc. | — | 3620 | 3059 | .. | 5.6 | + 3 18 | 5.70 | 03 | .. | .. | *03* | .. | 00 | 02 | .. | .. | .. | .. | *14c* | .. | .. | .. | 68 | K | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**18h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 6801 | Sagitt. | 1 | 14047 | 3058 | 24755 | 5.6 | −23 43 | 5.13 | 17 | .. | .. | 10 | .. | 10 | 12 | 09 | 97 | .. | .. | .. | .. | .. | 17 | 10 | K |
| 6802 | Sagitt. | — | 14268 | .. | 24751 | 5.6 | −28 56 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 06 | G |
| 6803 | Herc. | — | 3390 | 3060 | .. | 5.7 | +16 27 | 6.14 | 07 | .. | .. | .. | .. | 04 | 03 | .. | .. | .. | .. | 18c | .. | .. | 06 | 00 | F |
| 6804 | C. Aust. | — | 12534 | 6399 | 24763 | 6.2 | −41 22 | 5.52 | .. | .. | .. | .. | 20 | 16 | 20 | 17 | .. | .. | .. | .. | .. | .. | 06 | 5. | B 3 |
| 6805 | Pavo | — | 4343 | 6400 | 24745 | 6.2 | −63 5 | 5.61 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 14 | .. | 13 | 15. | K |
| 6806 | Herc. | — | 3095 | .. | .. | 6.4 | +38 28 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16c | .. | .. | .. | 63 | G |
| 6807 | Herc. | — | 3039 | 3061 | .. | 6.5 | +36 26 | 5.87 | 00 | .. | .. | .. | .. | 00 | .. | .. | .. | .. | 22 | 08c | .. | .. | 01 | 40 | G |
| 6808 | Pavo | — | 3081 | .. | 24767 | 7.3 | −68 16 | 6.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | A |
| 6809 | Draco | 40 | 570 | 3071 | .. | 7.5 | +79 59 | 6.18 | 02 | .. | 11 | 08 | .. | 05 | .. | .. | R | .. | 49 | 12b | .. | .. | 02 | 16 | F 5 |
| 6810 | Draco | 41 | 571 | 3072 | .. | 7.5 | +79 59 | 5.80 | | | 06 | | | | | | R | .. | 24 | 16c | | | | | |
| 6811 | U. Min. | 24 | 272 | 3092 | .. | 7.8 | +87 0 | 5.86 | 01 | .. | 04 | .. | .. | 06 | .. | .. | 04 | .. | 01 | 23b | .. | .. | 04 | 64 | A 3 |
| 6812 | Sagitt. | μ 13 | 4908 | 3062 | 24812 | 7.8 | −21 5 | 4.01 | 07 | .. | .. | 05 | .. | 11 | .. | R | 21 | 09 | .. | .. | .. | .. | 04 | 22 | B 8 p |
| 6813 | Serpens | — | 4415 | .. | 24815 | 7.9 | − 4 3 | 6.57 | .. | .. | 09 | .. | .. | .. | 09 | .. | .. | .. | .. | .. | .. | .. | .. | 17 | G |
| 6814 | Herc. | — | 3044 | 3064 | .. | 8.1 | +33 26 | 5.85 | 05 | .. | .. | .. | .. | 08 | 04 | .. | .. | .. | 19 | 39a | .. | .. | 15 | 03 | A |
| 6815 | Herc. | R 104 | 3199 | 3065 | .. | 8.2 | +31 22 | 5.02 | 15 | .. | .. | .. | .. | 15 | .. | .. | 48 | .. | 05 | 08d | .. | .. | 22 | 141 | Ma |
| 6816 | Sagitt. | 14 | 4916 | 3063 | 24817 | 8.3 | −21 45 | 5.73 | 19 | .. | .. | 08 | .. | 11 | .. | R | 12 | .. | .. | .. | .. | .. | 12 | 19. | K |
| 6817 | Draco | — | 1950 | 3066 | .. | 8.4 | +54 15 | 5.94 | 08 | .. | .. | .. | .. | 09 | .. | .. | .. | .. | 12 | 22c | .. | .. | 04 | 55 | G 5 |
| 6818 | C. Aust. | — | 12456 | 6412 | 24818 | 8.6 | −44 14 | 5.55 | .. | .. | .. | .. | 18 | 03 | 15 | 01 | .. | .. | .. | .. | .. | .. | 20 | 13. | K |
| 6819 | Telesc. | — | 8706 | 6416 | 24816 | 8.7 | −56 4 | 5.54 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | 08 | 11. | B 5 |
| 6820 | Herc. | — | 3347 | .. | .. | 9.0 | +21 51 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 07d | .. | .. | .. | 42 | K |
| 6821 | Telesc. | — | 11460 | .. | 24832 | 9.2 | −51 6 | 6.27 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | A |
| 6822 | Sagitt. | 15 | 5054 | 3069 | 24850 | 9.3 | −20 46 | 5.42 | 18 | .. | 02 | .. | .. | 16 | .. | R | 15 | .. | .. | .. | .. | .. | 18 | 07 | B |
| 6823 | Sagitt. | 16 | 5055 | 3068 | 24854 | 9.3 | −20 25 | 6.02 | 15 | .. | 05 | .. | .. | 11 | .. | .. | 08 | .. | .. | .. | .. | .. | 18 | 13 | B 1 |
| 6824 | Lyra | — | 3011 | 3067 | .. | 9.5 | +41 8 | 6.36 | 21 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | 11c | .. | .. | 01 | 84 | K |
| 6825 | Sagitt. | — | 4864 | .. | 24860 | 9.7 | −18 42 | 6.08 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 13 | A 5 |
| 6826 | Lyra | — | 3113 | 3073 | .. | 9.8 | +38 45 | 5.88 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 13 | 40a | .. | .. | 27 | 03 | A |
| 6827 | Draco | — | 1813 | .. | .. | 9.9 | +60 23 | 6.32 | .. | .. | 01 | .. | .. | 01 | 01 | .. | .. | .. | .. | 43b | .. | .. | .. | 30 | A |
| 6828 | Pavo | — | 4370 | .. | 24848 | 10.0 | −63 55 | 6.20 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05 | .. | 10 | 6. | G |
| 6829 | Octans | φ | 1417 | 6422 | 24821 | 10.2 | −75 5 | 5.61 | .. | .. | .. | .. | 13 | .. | .. | 13 | .. | .. | .. | .. | .. | .. | 29 | 8. | A |
| 6830 | Serpens | — | 4259 | 3075 | 24896 | 10.7 | − 3 39 | 6.30 | 04 | .. | .. | .. | .. | 05 | 02 | .. | .. | .. | .. | .. | .. | .. | 00 | 09 | A |
| 6831 | Herc. | — | 3213 | .. | .. | 10.8 | +29 12 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25c | .. | .. | .. | 03 | F |
| 6832 | Sagitt. | η | 12423 | 6428 | 24888 | 10.9 | −36 47 | 3.16 | 19 | 01 | .. | .. | 20 | 22 | 22 | 04 | .. | 09 | .. | .. | 19 | .. | 18 | 34. | Mb |
| 6833 | Sagitt. | R S | 12673 | .. | 24893 | 11.0 | −34 8 | var. | .. | .. | .. | .. | .. | .. | .. | R | .. | .. | .. | .. | .. | .. | .. | 5. | A |
| 6834 | Ophiuc. | — | 3547 | .. | .. | 11.1 | + 2 22 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 11d | .. | .. | .. | .. | Ma |
| 6835 | Sagitt. | — | 14407 | .. | 24898 | 11.1 | −28 42 | 6.04 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 8. | A |
| 6836 | Sagitt. | — | 14408 | .. | 24897 | 11.1 | −28 19 | 6.26 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 6. | F 8 |
| 6837 | Octans | — | 849 | 6430 | 24819 | 11.3 | −80 17 | 5.92 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | 17. | K 5 |
| 6838 | Sagitt. | — | 5112 | .. | 24909 | 11.4 | −17 24 | 5.98 | .. | .. | .. | 17 | .. | 07 | 11 | .. | .. | .. | .. | .. | .. | .. | 12 | .. | K 5 |
| 6839 | C. Aust. | — | 13101 | .. | 24904 | 11.5 | −42 20 | 6.48 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | B 2 |
| 6840 | Serpens | — | 4263 | .. | 24924 | 11.6 | − 3 2 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 19 | 53 | K |
| 6841 | Sagitt. | — | 4886 | .. | 24916 | 11.6 | −18 30 | 6.37 | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 35 | A |
| 6842 | Sagitt. | — | 12684 | 3076 | 24919 | 11.8 | −27 5 | 4.69 | 02 | .. | .. | 08 | .. | 05 | .. | R | .. | .. | .. | .. | .. | .. | 07 | 141 | K 5 |
| 6843 | Serpens | — | 4678 | .. | 24928 | 11.9 | − 9 48 | 6.30 | .. | .. | 11 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | A 5 |
| 6844 | Ophiuc. | — | 3907 | .. | .. | 12.0 | + 0 58 | 6.60 | .. | .. | 19 | .. | .. | .. | 20 | .. | .. | .. | .. | 22b | .. | .. | .. | 13 | F |
| 6845 | Lyra | — | 3035 | 3079 | .. | 12.5 | +42 8 | 5.42 | 08 | .. | .. | 02 | .. | 20 | 28 | .. | .. | .. | 24 | 36a | .. | 36 | 03 | 08 | B 5 |
| 6846 | Sagitt. | — | 12995 | .. | 24937 | 12.5 | −25 39 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 16. | K |
| 6847 | Lyra | — | 2684 | .. | .. | 12.7 | +45 10 | 6.30 | .. | .. | 07 | .. | .. | 08 | .. | .. | .. | .. | .. | 12c | .. | .. | .. | 24 | F |
| 6848 | Sagitt. | — | 4896 | 3078 | 24942 | 12.7 | −18 39 | 6.38 | R | .. | .. | .. | .. | 04 | 03 | .. | .. | .. | .. | .. | .. | .. | .. | .. | A |
| 6849 | Draco | — | 2080 | .. | .. | 13.0 | +56 34 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 48b | .. | .. | .. | 21 | K |
| 6850 | Draco | 36 | 1252 | 3081 | .. | 13.3 | +64 22 | 5.03 | 05 | 02 | .. | .. | .. | 01 | 05 | .. | 27 | .. | 05 | 25c | .. | 07 | 07 | 27 | F 5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**18h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| 6851 | Herc. | — | 3593 | .. | .. | 13.5 | +13 44 | 6.18 | .. | .. | .. | 07 | .. | 06 | .. | .. | .. | .. | .. | 30a | .. | .. | .. | 23 | A | B5 |
| 6852 | Herc. | — | 3623 | 3080 | .. | 13.8 | +18 6 | 5.99 | 06 | .. | .. | .. | .. | 06 | .. | .. | .. | .. | 26 | 51a | .. | .. | 16 | 16 | A | A0 |
| 6853 | Lyra | — | 3332 | 3082 | .. | 14.0 | +40 54 | 6.10 | 04 | .. | .. | .. | .. | 10 | 06 | .. | .. | .. | 14 | 17c | .. | .. | 00 | 100 | K | K0 |
| 6854 | Herc. | — | 3299 | .. | .. | 14.0 | +23 15 | 6.72 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 22d | .. | .. | .. | .. | Ma | K5 |
| 6855 | Pavo | ξ | 6140 | 6442 | 24958 | 14.0 | −61 33 | 4.25 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | 25 | .. | 10 | 17. | K2 | K2 |
| 6856 | C. Aust. | — | 12457 | .. | 24976 | 14.1 | −37 32 | 6.48 | .. | .. | .. | .. | .. | 02 | .. | 02 | .. | .. | .. | .. | .. | .. | .. | 11. | K | K0 |
| 6857 | Ophiuc. | — | 3629 | 3085 | .. | 14.3 | + 7 13 | 5.57 | 14 | .. | .. | .. | .. | 14 | 01 | .. | .. | .. | 39 | 08d | .. | .. | 23 | 93 | K | K0 |
| 6858 | *Serpens* | — | 4927 | 3083 | 24986 | 14.4 | −15 52 | 5.71 | 10 | .. | 05 | .. | .. | 15 | .. | R | .. | .. | .. | .. | .. | .. | 01 | .. | K | K2 |
| 6859 | Sagitt. | δ 19 | 14834 | 3084 | 24987 | 14.6 | −29 52 | 2.84 | 01 | .. | .. | 03 | 15 | 14 | .. | R | 22 | 02 | .. | .. | .. | .. | 03 | 34. | K | K0 |
| 6860 | Herc. | 105 | 3381 | 3087 | .. | 15.1 | +24 24 | 5.49 | 03 | .. | .. | .. | .. | 09 | 12 | .. | 21 | .. | 04 | 12d | .. | .. | 01 | 65 | K | K5 |
| 6861 | Sagitt. | — | 14219 | 3086 | 25007 | 15.3 | −24 58 | 6.36 | 26 | .. | .. | 16 | 28 | 17 | .. | .. | .. | .. | .. | .. | .. | .. | 06 | 16. | Ma | mb |
| 6862 | C. Aust. | — | 12729 | 6450 | 25003 | 15.4 | −38 43 | 5.14 | .. | 00 | .. | .. | 05 | 02 | 01 | 00 | .. | .. | .. | .. | .. | .. | 11 | 18. | K | K0 |
| 6863 | Sagitt. | Y | 4926 | 3088 | 25012 | 15.5 | −18 54 | var. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | v | G | F5 |
| 6864 | Sagitt. | — | 14495 | .. | 25013 | 15.7 | −28 29 | 6.07 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11. | A | A2 |
| 6865 | Draco | 37 | 984 | 3094 | .. | 15.8 | +68 43 | 6.11 | 04 | .. | .. | .. | .. | 04 | 07 | .. | 11 | .. | 14 | 07c | .. | .. | 24 | 38 | K | K0 |
| 6866 | Ophiuc. | 74 | 3680 | 3089 | .. | 15.8 | + 3 20 | 4.92 | 05 | .. | .. | 01 | .. | 04 | 10 | .. | 02 | .. | 14 | 10d | .. | .. | 08 | 81 | G | G5 |
| 6867 | Herc. | — | 3236 | .. | .. | 16.0 | +29 37 | 6.14 | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | .. | 04d | .. | .. | .. | 63 | K | K0 |
| 6868 | Herc. | 106 | 3390 | 3091 | .. | 16.1 | +21 55 | 4.98 | 17 | .. | .. | 07 | .. | 09 | .. | .. | 02 | .. | 02 | 05d | .. | .. | 17 | 119 | K | K5 |
| 6869 | Serpens | η 58 | 4599 | 3090 | 25031 | 16.1 | − 2 55 | 3.42 | 07 | .. | .. | 01 | .. | 06 | .. | R | 22 | 24 | 14 | .. | .. | .. | 22 | 120 | K | K0 |
| 6870 | Sagitt. | — | 12524 | 6458 | 25020 | 16.1 | −36 44 | 5.39 | .. | 29 | .. | .. | 16 | 14 | 01 | 28 | .. | .. | .. | .. | .. | .. | 19 | 8. | B8 | B8 |
| 6871 | Pavo | — | 4406 | .. | 25002 | 16.1 | −63 5 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 31 | 2. | A5 | A2 |
| 6872 | Lyra | κ 1 | 3094 | 3093 | .. | 16.4 | +36 1 | 4.34 | 03 | .. | .. | .. | .. | 04 | .. | .. | 31 | .. | 20 | 17c | .. | .. | 06 | 122 | K | K0 |
| 6873 | Ophiuc. | — | 3704 | .. | .. | 16.5 | + 5 24 | 6.04 | .. | .. | .. | 00 | .. | 01 | .. | .. | .. | .. | .. | 27a | .. | .. | .. | 00 | A | B5 |
| 6874 | Sagitt. | — | 12537 | 6465 | 25037 | 16.7 | −36 18 | 5.61 | .. | 07 | .. | .. | 06 | 09 | 01 | 05 | .. | .. | .. | .. | .. | .. | 04 | 16. | K | K0 |
| 6875 | C. Aust. | — | 12569 | 6468 | 25040 | 17.0 | −44 9 | 5.42 | .. | .. | .. | .. | 03 | 04 | 08 | 09 | .. | .. | .. | .. | .. | .. | 17 | 3. | B5 | B3 |
| 6876 | Herc. | 108 | 3241 | 3096 | .. | 17.1 | +29 48 | 5.54 | 05 | .. | .. | .. | .. | 04 | .. | .. | 34 | .. | 18 | 28a | .. | .. | 06 | 11 | A | A2 |
| 6877 | Herc. | t 107 | 2981 | 3097 | .. | 17.1 | +28 49 | 5.05 | 02 | .. | .. | .. | .. | 02 | 01 | .. | 15 | .. | 20 | 32a | .. | .. | 25 | 15 | A5 | A5 |
| 6878 | Scutum | — | 4673 | .. | 25067 | 17.5 | −10 16 | 6.32 | .. | .. | 01 | .. | .. | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | 27 | A | A0 |
| 6879 | Sagitt. | ε 20 | 12784 | 6471 | 25060 | 17.5 | −34 26 | 1.95 | 17 | 05 | .. | .. | 02 | 14 | 05 | 09 | 95 | 01 | .. | .. | 30 | .. | 03 | 19. | A | A0 |
| 6880 | Draco | — | 2357 | 3100 | .. | 17.6 | +51 18 | 6.25 | 05 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 10 | 21d | .. | .. | 00 | 110 | K | K2 |
| 6881 | Scutum | — | 5024 | 3098 | 25069 | 17.6 | −12 3 | 5.73 | 13 | .. | .. | .. | .. | 18 | 04 | R | .. | .. | .. | .. | .. | 08 | 17 | 10 | A | B8 |
| 6882 | Herc. | — | 3316 | 3101 | .. | 18.0 | +23 14 | 5.66 | 03 | .. | .. | .. | .. | 04 | 00 | .. | .. | .. | 01 | 19e | .. | .. | 31 | 82 | K5 | K5 |
| 6883 | Ophiuc. | — | 3442 | 3099 | .. | 18.0 | +11 59 | 5.89 | 01 | .. | .. | 13 | .. | 05 | 09 | .. | .. | .. | .. | 35a | .. | .. | 01 | 03 | A | A0 |
| 6884 | Scutum | ζ | 4712 | 3102 | 25082 | 18.2 | − 8 59 | 4.83 | 12 | .. | 04 | .. | .. | 09 | .. | R | .. | .. | 30 | .. | .. | .. | 17 | 26 | G5 | G5 |
| 6885 | Herc. | — | 3555 | 3104 | .. | 18.4 | +17 46 | 5.48 | 04 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 07 | 32d | .. | .. | 12 | 62 | K | K0 |
| 6886 | Draco | — | 2776 | .. | .. | 18.6 | +49 40 | 6.51 | .. | .. | 08 | 08 | .. | .. | .. | .. | .. | .. | .. | 08c | .. | .. | .. | 67 | K | K0 |
| 6887 | Herc. | — | 3478 | .. | .. | 18.6 | +16 38 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 00c | .. | .. | .. | .. | K | K0 |
| 6888 | Sagitt. | 18 | 15661 | 6475 | 25086 | 18.6 | −30 49 | 5.66 | 08 | 09 | .. | .. | 18 | 03 | 05 | 01 | R | .. | .. | .. | .. | .. | 06 | 20. | K | K0 |
| 6889 | Sagitt. | — | 12589 | .. | 25084 | 18.6 | −36 2 | 6.25 | .. | .. | .. | .. | .. | .. | 07 | 07 | .. | .. | .. | .. | .. | .. | .. | 12. | G | G5 |
| 6890 | Serpens | — | 4277 | .. | 25100 | 18.8 | − 3 38 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 64 | F | F2 |
| 6891 | Draco | — | 2782 | 3106 | .. | 19.0 | +49 4 | 5.09 | 01 | .. | .. | 11 | .. | 12 | .. | .. | .. | .. | 04 | 07e | .. | .. | 01 | 154 | Ma | Ma |
| 6892 | Scutum | — | 4598 | .. | 25109 | 19.2 | − 7 7 | 6.53 | .. | .. | .. | 17 | .. | 14 | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | G5 | K0 |
| 6893 | Sagitt. | — | 12802 | .. | 25104 | 19.3 | −34 0 | 6.38 | .. | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | .. | .. | .. | 7. | B7 | B8 |
| 6894 | Telesc. | — | 12505 | 6482 | 25095 | 19.3 | −48 10 | 5.48 | .. | .. | .. | .. | 12 | .. | .. | 12 | .. | .. | .. | .. | .. | .. | 03 | 13. | K | G5 |
| 6895 | Herc. | 109 | 3411 | 3107 | .. | 19.4 | +21 43 | 3.92 | 00 | .. | .. | .. | .. | 01 | .. | .. | 12 | .. | 24 | 14c | .. | 01 | 12 | 122 | K | K0 |
| 6896 | Sagitt. | 21 | 5134 | 3105 | 25108 | 19.4 | −20 35 | 4.96 | 09 | .. | 04 | .. | .. | 05 | .. | R | 16 | .. | .. | .. | .. | .. | 06 | 98 | G5 | [illegible] |
| 6897 | Telesc. | α | 12379 | 6484 | 25105 | 19.6 | −46 1 | 3.76 | .. | .. | .. | .. | 07 | 17 | 16 | 04 | .. | 03 | .. | .. | 06 | .. | 14 | 5. | B3 | B3 |
| 6898 | Serpens | — | 3486 | .. | 25118 | 19.8 | − 1 38 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 04 | F | F5 |
| 6899 | Pavo | — | 1682 | 6486 | 25083 | 20.1 | −74 1 | 5.86 | .. | .. | .. | .. | 09 | .. | .. | 08 | .. | .. | .. | .. | .. | .. | 01 | 12. | K | K2 |
| 6900 | Ophiuc. | — | 3730 | .. | .. | 20.2 | + 5 2 | 6.56 | .. | .. | 10 | 12 | .. | .. | 01 | .. | .. | .. | .. | 35a | .. | .. | .. | .. | A | B9 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50.



**18h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 6901 | Lyra | — | 3160 | .. | .. | 20.6 | +38 42 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13d | .. | .. | .. | 123 | K | K2 |
| 6902 | Ophiuc. | — | 3682 | 3108 | .. | 20.8 | + 7 59 | 5.69 | 10 | .. | .. | .. | .. | 02 | 08 | .. | .. | .. | 41 | 05d | .. | .. | 11 | 56 | K | Top. comp |
| 6903 | Lyra | μ 2 | 3410 | 3110 | .. | 20.9 | +39 27 | 5.04 | 10 | .. | .. | .. | .. | 10 | .. | .. | 06 | .. | 11 | 40a | .. | .. | 06 | 19 | A 2 | A3 A2 |
| 6904 | Herc. | — | 3016 | .. | .. | 21.0 | +27 20 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18b | .. | .. | .. | 14 | A | A0 |
| 6905 | Telesc. | ζ | 12153 | 6491 | 25140 | 21.1 | −49 7 | 4.14 | .. | .. | .. | .. | 14 | .. | .. | 15 | .. | .. | .. | .. | 41 | .. | 06 | 23. | K | K0 |
| 6906 | Herc. | — | 3533 | .. | .. | 21.4 | +14 55 | 6.45 | .. | .. | 01 | .. | .. | .. | 01 | .. | .. | .. | .. | 08b | .. | .. | .. | 51 | A | B9 |
| 6907 | Sagitt. | — | 14965 | 3109 | 25157 | 21.4 | −29 53 | 5.86 | 16 | .. | .. | 06 | 08 | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 15. | F 8 | B0 |
| 6908 | Pavo | — | 9063 | 6495 | 25137 | 21.4 | −57 35 | 5.79 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 11 | 14. | K | K0 |
| 6909 | Sagitt. | — | 13184 | .. | 25160 | 21.5 | −26 41 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 4. | A 5 | A5 |
| 6910 | C. Aust. | — | 12626 | 6496 | 25155 | 21.5 | −39 3 | 5.65 | .. | 25 | .. | .. | 07 | 04 | 03 | 24 | .. | .. | .. | .. | .. | .. | 13 | 11. | A 2 | A2 |
| 6911 | Draco | — | 2079 | .. | .. | 21.7 | +53 15 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 36b | .. | .. | .. | 17 | A | A2 |
| 6912 | Octans | — | 813 | 6498 | 25077 | 21.7 | −81 53 | 6.34 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | 1. | B 8 | |
| 6913 | Sagitt. | λ 22 | 13149 | 3111 | 25171 | 21.8 | −25 29 | 2.94 | 12 | .. | .. | 08 | .. | 04 | .. | .. | 11 | 09 | .. | .. | .. | .. | 00 | 155 | K | K0 |
| 6914 | Sagitt. | — | 13192 | .. | 25172 | 21.9 | −26 49 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 3. | A 3 | A3 |
| 6915 | C. Aust. | — | 12564 | .. | 25166 | 21.9 | −43 54 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | G | K0 |
| 6916 | Pavo | ν | 5879 | 6499 | 25153 | 22.0 | −62 20 | 4.81 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | 11 | .. | 23 | 1. | B 8 | B9 |
| 6917 | Lyra | — | 3259 | 3113 | .. | 22.1 | +29 46 | 5.71 | 12 | .. | 05 | .. | .. | 08 | .. | .. | .. | .. | 07 | 15c | .. | .. | 11 | 04 | A | A2 |
| 6918 | Serpens | d 59 | 3936 | 3112 | .. | 22.1 | + 0 8 | 5.33 | 12 | .. | 30 | .. | .. | 19 | .. | .. | 33 | .. | 17 | vc | .. | .. | 06 | 03 | A p | A0 - comp |
| 6919 | Sagitt. | — | 5203 | .. | 25182 | 22.1 | −17 51 | 6.03 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 06 | B 8 | B8 |
| 6920 | Draco | φ 43 | 889 | 3120 | .. | 22.2 | +71 17 | 4.24 | 03 | 05 | .. | .. | .. | 02 | 04 | .. | 26 | .. | 02 | 30b | .. | 18 | 06 | 02 | A p | A0 p |
| 6921 | C. Aust. | — | 12824 | .. | 25181 | 22.3 | −38 55 | 6.65 | .. | .. | .. | .. | .. | .. | 15 | 15 | .. | .. | .. | .. | .. | .. | .. | 4. | B 8 | B8 |
| 6922 | Telesc. | — | 12319 | .. | 25179 | 22.4 | −47 17 | 5.70 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10 | .. | 12 | 15. | K | K0 |
| 6923 | Draco | b 39 | 1809 | 3116 | .. | 22.5 | +58 45 | 4.85 | 02 | .. | .. | .. | .. | 08 | 07 | .. | 15 | .. | 01 | 41b | .. | .. | 05 | 16 | A 2 | A2 |
| 6924 | Herc. | — | 3259 | 3115 | .. | 22.7 | +26 23 | 6.36 | 13 | .. | .. | .. | .. | 04 | 09 | .. | .. | .. | 35 | 38a | .. | .. | R | 16 | A | B3 |
| 6925 | Serpens | — | 3716 | .. | .. | 22.8 | + 3 41 | 6.14 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04e | .. | .. | .. | .. | K | K2 |
| 6926 | Sagitt. | — | 13206 | .. | 25197 | 22.8 | −26 38 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 50 | A | A0 |
| 6927 | Draco | χ 44 | 839 | 3122 | .. | 22.9 | +72 41 | 3.69 | 03 | 06 | .. | .. | .. | 02 | 05 | .. | 19 | .. | 24 | 06c | .. | 02 | 06 | 55 | F 8 | F8 |
| 6928 | Ophiuc. | — | 3790 | 3118 | .. | 23.1 | + 6 8 | 5.62 | 04 | .. | .. | 02 | .. | 04 | 02 | .. | .. | .. | .. | 42a | .. | .. | 08 | 08 | A | B8 |
| 6929 | Sagitt. | — | 13170 | .. | 25217 | 23.2 | −25 19 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 6. | A 2 | B2 p |
| 6930 | Scutum | γ | 5071 | 3119 | 25230 | 23.5 | −14 38 | 4.73 | 02 | .. | 10 | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | 22 | 14 | A 3 | A3 |
| 6931 | C. Aust. | — | 12871 | .. | 25233 | 24.0 | −41 59 | 6.27 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 27 | .. | .. | 1. | A 5 | A5 |
| 6932 | Scutum | — | 5077 | .. | 25251 | 24.1 | −14 39 | 5.99 | .. | .. | 13 | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | A p | A0 p |
| 6933 | Sagitt. | — | 4982 | 3121 | 25257 | 24.3 | −18 47 | 5.76 | 03 | .. | .. | 03 | .. | 13 | 09 | .. | .. | .. | .. | .. | .. | .. | 08 | 70 | K | K0 |
| 6934 | Telesc. | δ1 | 12550 | 6510 | 25243 | 24.4 | −45 59 | 5.05 | .. | .. | .. | .. | 01 | 13 | 30 | 16 | .. | .. | .. | .. | 10 | .. | 13 | 4. | B 8 | B8 |
| 6935 | Serpens | c 60 | 4641 | 3123 | 25266 | 24.5 | − 2 3 | 5.44 | 10 | .. | .. | .. | .. | 09 | .. | .. | 16 | .. | 17 | .. | .. | .. | 02 | 66 | G 5 | K0 |
| 6936 | Sagitt. | — | 13281 | 6511 | 25259 | 24.5 | −33 3 | 5.44 | .. | 17 | .. | .. | 07 | 00 | 05 | 13 | .. | .. | .. | .. | 21 | 09 | 04 | 11. | A 5 | A3 |
| 6937 | C. Aust. | — | 12600 | 6512 | 25262 | 24.7 | −43 34 | 5.71 | .. | .. | .. | .. | 16 | 11 | 01 | 07 | .. | .. | .. | .. | .. | .. | 01 | 12. | K 5 | K0 |
| 6938 | Telesc. | δ2 | 12556 | 6513 | 25255 | 24.7 | −45 49 | 5.33 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | 23 | .. | 13 | 7. | B 5 | B5 |
| 6939 | Pavo | — | 7418 | .. | 25244 | 24.7 | −58 46 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | F 8 | |
| 6940 | Scutum | — | 4675 | .. | 25273 | 24.9 | − 5 48 | 6.33 | .. | .. | 14 | .. | .. | 03 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K 5 | B5 |
| 6941 | Serpens | — | 3727 | .. | .. | 25.1 | + 4 0 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 36a | .. | .. | .. | 42 | A | B5 |
| 6942 | C. Aust. | — | 12696 | 6518 | 25274 | 25.4 | −39 46 | 5.25 | .. | 38 | .. | .. | 09 | 04 | 14 | 20 | .. | .. | .. | .. | .. | .. | 20 | 10. | A 2 | A2 |
| 6943 | Herc. | — | 3347 | 3125 | .. | 25.5 | +23 48 | 5.72 | 01 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 01 | 43b | .. | .. | 23 | 13 | A | B5 |
| 6944 | Sagitt. | — | 4988 | 3124 | 25285 | 25.6 | −18 28 | 5.17 | 04 | .. | .. | 11 | .. | 02 | 17 | R | .. | .. | .. | .. | .. | .. | 03 | 10 | A | A0 |
| 6945 | Draco | 42 | 1271 | 3126 | .. | 25.7 | +65 30 | 4.99 | 01 | 01 | .. | .. | .. | 00 | 01 | .. | 16 | .. | 09 | 01d | .. | 12 | 09 | 82 | K | K0 |
| 6946 | Scutum | — | 4713 | .. | 25295 | 25.9 | −10 52 | 5.80 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 00 | 01 | G | B3 |
| 6947 | Sagitt. | U | 5047 | .. | 25296 | 26.0 | −19 12 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | F 5 | F8 |
| 6948 | C. Aust. | — | 12704 | 6522 | 25291 | 26.0 | −39 58 | 6.27 | .. | .. | .. | .. | 04 | .. | 05 | 10 | .. | .. | .. | .. | .. | .. | .. | 9. | F | F0 |
| 6949 | Draco | — | 1899 | .. | .. | 26.3 | +59 29 | 6.47 | .. | .. | 01 | .. | .. | 08 | 06 | .. | .. | .. | .. | 07c | .. | .. | .. | 34 | K | K0 |
| 6950 | Herc. | — | 3821 | .. | .. | 26.4 | +20 46 | 6.59 | .. | .. | 11 | .. | .. | .. | 11 | .. | .. | .. | .. | 14c | .. | .. | .. | 07 | G 2 | G5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908A



**18h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 6951 | C. Aust. | θ | 13378 | 6523 | 25297 | 26.4 | −42 23 | 4.69 | . | . | . | . | 28 | 15 | 11 | 01 | . | . | . | . | 41 | . . | 24 | 17. | G 5 |
| 6952 | C. Aust. | κ | 12896 | 6525 | 25305 | 26.5 | −38 47 | 6.55 | . | 16 | . | . | 25 | 20 | 31 | 42 | . | . | . | . | 01 | . . | 14 | 8. | B 9 |
| 6953 | C. Aust. | | 12895 | 6526 | 25306 | 26.5 | −38 48 | 5.95 | | | | | | | | | | | | | | | | 10. | |
| 6954 | Telesc. | — | 11158 | . . | 25293 | 26.5 | −52 58 | 6.30 | . | . | . | . | . | . | . | A | . | . | . | . | . | . | 12 | 15. | G 5 |
| 6955 | Herc. | — | 3529 | 3127 | . . | 26.6 | +16 52 | 5.67 | 04 | . | . | . | . | 06 | 02 | . . | . | . | 13 | 01b | . | . | 18 | 01 | A |
| 6956 | Scutum | — | 5098 | . . | R | 26.7 | −14 43 | 6.34 | . | . | 03 | . | . | . | 04 | . . | . | . | . | . | . | . | . | 28 | A |
| 6957 | Serpens | 61 | 3504 | . . | 25327 | 26.8 | − 1 4 | 5.81 | . | . | . | 17 | . | 17 | 01 | . . | 21 | . | . | . | . | . | 09 | 25 | A |
| 6958 | Serpens | — | 3737 | . . | . . | 27.1 | + 3 35 | 6.34 | . | . | . | . | . | . | A | . . | . | . | . | 22a | . | . | . | 41 | A |
| 6959 | Scutum | — | 5099 | 3128 | 25328 | 27.1 | −14 56 | 5.88 | 09 | . . | 08 | . | . | 01 | . . | R | . | . | . | . | . | . | 20 | . . | K |
| 6960 | Sagitt. | — | 13338 | 6531 | 25330 | 27.4 | −33 5 | 5.38 | . . | 18 | . | . | 00 | 07 | 02 | 11 | . | . | . | . | 02 | . . | 18 | 7. | B 3 |
| 6961 | Sagitt. | 24 | 14472 | 3129 | 25344 | 27.8 | −24 6 | 5.71 | 19 | . | . | 08 | . . | 03 | 02 | 31 | 19 | . | . | . | . | . | 01 | 66 | K 5 |
| 6962 | Scutum | — | 5106 | 3130 | 25347 | 27.9 | −14 56 | 5.74 | 02 | . . | 02 | . | . | 07 | 05 | . . | . | . | . | . | . | . | 08 | 23 | A |
| 6963 | Scutum | — | 4791 | . . | 25349 | 28.0 | − 5 59 | 6.37 | . | . | . | . | . | . | A | . . | . | . | . | . | . | . | . | 49 | A |
| 6964 | Octans | — | 663 | 6535 | 25227 | 28.0 | −83 25 | 6.77 | . | . | . | . | 36 | . | . | 36 | . | . | . | . | . | . | . | 16. | K |
| 6965 | Sagitt. | 25 | 14479 | . . | 25355 | 28.5 | −24 18 | 6.39 | . | . | . | 37 | . . | 16 | 20 | . . | 04 | . | . | . | . | . | . | 12. | F |
| 6966 | Herc. | — | 3363 | 3131 | . . | 28.6 | +23 33 | 5.99 | 04 | . | . | . | . | 04 | . | . . | . | . | 13 | 08d | . | . | 01 | 59 | K |
| 6967 | Ophiuc. | — | 3741 | . . | . . | 28.6 | + 8 12 | 6.26 | . | . | . | 07 | . . | 09 | 01 | . . | . | . | . | 34b | . | . | . | 21 | A |
| 6968 | Lyra | — | 3223 | 3132 | . . | 29.0 | +30 29 | 5.37 | 02 | . | . | . | . | 02 | . | . . | . | . | 25 | 30a | . | . | 08 | 02 | B 8 |
| 6969 | Sagitt. | — | 5189 | . . | 25373 | 29.4 | −20 55 | 6.52 | . | . | 06 | . | . | . | 05 | . . | . | . | . | . | . | . | . | 14 | F |
| 6970 | Scutum | — | 4681 | 3133 | 25379 | 29.5 | −11 3 | 5.25 | 03 | . | . | . | . | 00 | 04 | R | . . | 48 | . | . | . | . | 05 | 69 | G |
| 6971 | Lyra | — | 3227 | . . | . . | 29.6 | +30 49 | 6.43 | . | . | . | . | . | . | A | . . | . | . | . | 32a | . | . | . | 55 | B 8 |
| 6972 | Sagitt. | — | 15123 | 6547 | 25375 | 29.6 | −29 47 | 6.48 | . | . | . | . | 25 | . . | 25 | . . | . | . | . | . | . | . | . | 12. | K |
| 6973 | Scutum | α 1 | 4638 | 3134 | 25382 | 29.8 | − 8 19 | 4.06 | 05 | . | . | 04 | . . | 01 | . | . . | 16 | 21 | 12 | . . | . | . | 06 | 98 | K |
| 6974 | Draco | — | 2232 | . . | . . | 29.9 | +52 3 | 6.43 | . | . | . | . | . | . | A | . . | . | . | . | 42a | . | . | . | 27 | A |
| 6975 | Herc. | — | 3847 | . . | . . | 30.0 | +20 23 | 6.44 | . | . | 14 | . | . | . | 14 | . . | . | . | . | 35b | . | . | . | 50 | A |
| 6976 | Ophiuc. | — | 3573 | . . | . . | 30.1 | +10 49 | 6.38 | . | . | 05 | . | . | 08 | 14 | . . | . | . | . | 37b | . | . | . | 31 | A |
| 6977 | Herc. | — | 3740 | 3135 | . . | 30.8 | +18 7 | 5.73 | 08 | . | . | . | . | 06 | 15 | . . | . | . | 04 | 33b | . | . | 13 | 08 | A |
| 6978 | Draco | d 45 | 2113 | 3136 | . . | 30.9 | +56 58 | 4.95 | 12 | . | . | . | . | . | 12 | . . | 15 | . | 03 | 09c | . | 07 | 15 | 59 | F 8 p |
| 6979 | Draco | — | 1276 | . . | . . | 31.0 | +65 22 | 6.31 | . | . | 31 | . | . | 15 | 15 | . . | . | . | . | 49b | . | . | . | 24 | F |
| 6980 | Herc. | — | 3385 | 3137 | . . | 31.4 | +23 31 | 5.76 | 03 | . | . | . | . | 05 | 01 | . . | . | . | 05 | 01c | . | . | 21 | 32 | K |
| 6981 | Herc. | — | 3560 | . . | . . | 31.4 | +16 54 | 6.17 | . | . | . | . | . | . | A | . . | . | . | . | 13c | . | . | . | 03 | F 8 |
| 6982 | Pavo | ζ | 2353 | 6557 | 25383 | 31.4 | −71 31 | 4.10 | . | . | . | . | 06 | . | . | 05 | . . | 12 | . | . . | . | 40 | . . | 03 | 19. | K |
| 6983 | Draco | — | 2238 | 3141 | . . | 31.6 | +52 16 | 5.42 | 02 | . | . | . | . | 02 | 04 | . . | . | . | 09 | 01d | . | . | 17 | 84 | K |
| 6984 | Lyra | — | 3245 | 3140 | . . | 31.6 | +34 22 | 5.93 | 03 | . . | 01 | . | . | 04 | . | . . | . | . | 08 | 45a | . | . | 08 | 15 | A |
| 6985 | Ophiuc. | — | 3783 | 3138 | . . | 31.7 | + 9 3 | 5.40 | 09 | . | . | 06 | . . | 02 | . | . . | . | . | 20 | 06b | . | . | 00 | 11 | F 5 |
| 6986 | Telesc. | — | 12644 | . . | 25411 | 31.7 | −48 0 | 6.04 | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | 8. | A 5 |
| 6987 | Ophiuc. | — | 3855 | 3139 | . . | 31.8 | + 6 36 | 5.41 | 10 | . | . | 13 | . . | 03 | . | . . | . | . | 02 | 15b | . | . | 11 | 14 | F |
| 6988 | Sagitt. | — | 5076 | . . | 25424 | 31.9 | −21 29 | 5.80 | . | . | . | . | . | 04 | 05 | . . | . | . | . | . | . | . | 50 | 02 | A 5 |
| 6989 | Scutum | — | 5139 | . . | 25439 | 32.4 | −14 6 | 6.45 | . | . | . | . | . | . | A | . . | . | . | . | . | . | . | . | 54 | F |
| 6990 | Sagitt. | — | 14572 | 3142 | 25435 | 32.4 | −23 36 | 5.75 | 06 | . | . | 01 | . . | 10 | 03 | R | . | . | . | . | . | . | 09 | 07 | 57 | B 9 |
| 6991 | C. Aust. | — | 12699 | 6562 | 25428 | 32.4 | −43 16 | 5.36 | . | . | . | . | 25 | 20 | 07 | 00 | . | . | . | . | . | . | 08 | 15. | Mb |
| 6992 | Ophiuc. | — | 3530 | . . | . . | 32.5 | +11 21 | 6.36 | . | . | . | . | . | . | A | . . | . | . | . | 42b | . | . | . | 19 | A |
| 6993 | Serpens | e | 3521 | 3143 | 25444 | 32.5 | − 0 24 | 5.80 | 02 | . | . | . | . | 01 | . | R | . | . | 04 | . . | . | 12 | 10 | 17 | A |
| 6994 | Octans | — | 1314 | . . | 25386 | 32.5 | −77 58 | 6.33 | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | 7. | F 8 |
| 6995 | Herc. | — | 3563 | 3145 | . . | 32.6 | +16 7 | 6.38 | 01 | . | . | . | . | 02 | . | . . | . | . | 07 | 12c | . | . | 13 | . . | G 5 |
| 6996 | Pavo | — | 3942 | 6564 | 25418 | 32.7 | −64 44 | 6.54 | . | . | . | . | 09 | . | . | 09 | . | . | . | . | . | . | . | 3. | A 5 |
| 6997 | Lyra | — | 3154 | 3146 | . . | 32.9 | +33 23 | 5.46 | 12 | . | . | . | . | 11 | . | . . | . | . | 06 | 21a | . . | 11 | 16 | 12 | B 8 |
| 6998 | Sagitt. | — | 5081 | 3144 | 25455 | 32.9 | −21 8 | 5.91 | 08 | . | . | 02 | . . | 05 | . | . . | . | . | . | . | . | . | 11 | 08 | A |
| 6999 | Serpens | — | 4331 | . . | 25462 | 33.1 | − 3 17 | 6.47 | . | . | . | . | . | . | A | . . | . | . | . | . | . | . | . | 08 | F 8 |
| 7000 | Serpens | — | 3529 | . . | 25463 | 33.2 | − 1 12 | 6.49 | . | . | . | . | . | . | A | . . | . | . | . | . | . | . | . | 02 | A |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**18h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 7001 | Lyra | α 3 | 3238 | 3147 | .. | 33.6 | +38 41 | 0.14 | 05 | .. | .. | .. | .. | 04 | .. | .. | 06 | 14 | 00 | 24a | .. | .. | 07 | R | A |
| 7002 | Ophiuc. | X | 3780 | .. | .. | 33.6 | + 8 44 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md |
| 7003 | Lyra | — | 3027 | 3148 | .. | 33.7 | +43 8 | 6.26 | 06 | .. | .. | .. | .. | 03 | 08 | .. | .. | .. | .. | 16b | .. | .. | 06 | 11 | A |
| 7004 | Pavo | — | 3943 | 6566 | 25454 | 33.8 | −64 39 | 5.84 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | .. | .. | .. | 26 | .. | 14 | 12. | K |
| 7005 | Telesc. | — | 12668 | .. | 25467 | 33.9 | −48 11 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | K |
| 7006 | Draco | — | 699 | 3150 | .. | 34.6 | +77 28 | 5.84 | 18 | .. | .. | .. | .. | 13 | 05 | .. | .. | .. | 33 | 04c | .. | .. | 09 | 53 | K |
| 7007 | Scutum | — | 4648 | .. | 25503 | 34.6 | − 7 53 | 6.08 | .. | .. | .. | 02 | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K |
| 7008 | Ophiuc. | — | 3891 | .. | .. | 34.7 | + 5 10 | 6.30 | .. | .. | 11 | .. | .. | .. | 10 | .. | .. | .. | .. | 34d | .. | .. | .. | 34 | F |
| 7009 | Lyra | — | 3476 | .. | .. | 34.8 | +39 35 | 6.14 | .. | .. | 17 | .. | .. | 16 | .. | .. | .. | .. | .. | 06d | .. | .. | .. | .. | Mb |
| 7010 | Ophiuc. | — | 3798 | .. | .. | 35.0 | + 7 16 | 6.36 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 20d | .. | .. | .. | 24 | K p |
| 7011 | Sagitt. | 26 | 14625 | 3149 | 25526 | 35.7 | −23 56 | 6.14 | 06 | .. | .. | 11 | .. | 04 | .. | .. | 06 | .. | .. | .. | .. | .. | 04 | 41 | A 2 |
| 7012 | Pavo | — | 3948 | 6572 | 25500 | 35.7 | −64 58 | 4.90 | .. | .. | .. | .. | 14 | .. | .. | 13 | .. | .. | .. | .. | 20 | .. | 05 | 2. | A 2 |
| 7013 | Draco | — | 1283 | 3152 | .. | 35.9 | +65 24 | 6.00 | 15 | .. | 05 | .. | .. | 10 | .. | .. | .. | .. | 10 | 30b | .. | .. | 20 | 10 | A |
| 7014 | Scutum | — | 5156 | .. | 25532 | 36.0 | −14 40 | 6.50 | .. | .. | 09 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 04 | F |
| 7015 | Pavo | — | 6229 | .. | 25516 | 36.1 | −61 12 | 6.16 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K |
| 7016 | Lyra | — | 3262 | .. | .. | 36.2 | +30 46 | 6.48 | .. | .. | 03 | .. | .. | .. | 04 | .. | .. | .. | .. | 16c | .. | .. | .. | 05 | K |
| 7017 | Lyra | — | 3446 | .. | .. | 36.4 | +40 50 | 6.11 | .. | .. | 04 | .. | .. | 02 | 02 | .. | .. | .. | .. | 34a | .. | .. | .. | 01 | A |
| 7018 | Draco | — | 1637 | 3153 | .. | 36.7 | +62 26 | 5.60 | 12 | .. | .. | .. | .. | 03 | 14 | .. | .. | .. | 02 | 40b | .. | .. | 90 | 18 | A |
| 7019 | Lyra | — | 3254 | .. | .. | 36.8 | +38 16 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 26a | .. | .. | .. | 20 | A 5 |
| 7020 | Scutum | δ 2 | 4796 | 3151 | 25551 | 36.8 | − 9 9 | 4.74 | 01 | .. | 05 | .. | .. | 02 | 14 | 22 | 06 | .. | 22 | .. | .. | .. | 05 | 18 | F |
| 7021 | C. Aust. | λ | 13036 | 6581 | 25548 | 36.9 | −38 25 | 5.13 | .. | 29 | .. | .. | 05 | 03 | 03 | 20 | .. | .. | .. | .. | 17 | .. | 05 | 9. | A |
| 7022 | Pavo | — | 9180 | .. | 25538 | 36.9 | −56 59 | 6.30 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | K |
| 7023 | Sagitt. | — | 5134 | .. | 25557 | 37.1 | −19 23 | 6.49 | .. | .. | 10 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | 13. | Mb |
| 7024 | Scutum | — | 4670 | .. | 25564 | 37.2 | − 7 10 | 6.15 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 |
| 7025 | Cepheus | — | 536 | .. | .. | 37.3 | +83 6 | 6.15 | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | .. | 28b | .. | .. | .. | 32 | A |
| 7026 | Sagitt. | — | 12946 | .. | 25560 | 37.4 | −36 49 | 6.38 | .. | .. | .. | .. | .. | .. | 05 | 06 | .. | .. | .. | .. | .. | .. | .. | 10. | K |
| 7027 | Pavo | — | 1939 | 6582 | 25527 | 37.4 | −73 6 | 6.22 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 07 | 3. | A |
| 7028 | Draco | — | 2263 | 3155 | .. | 37.5 | +52 6 | 5.85 | 01 | .. | .. | .. | .. | 12 | 11 | .. | .. | .. | 20 | 37b | .. | .. | 00 | 08 | A |
| 7029 | Sagitt. | — | 12876 | 6584 | 25565 | 37.6 | −35 45 | 4.82 | .. | 28 | .. | .. | 09 | 04 | 07 | 23 | .. | .. | .. | .. | 43 | .. | 02 | 6. | B 3 |
| 7030 | Lyra | — | 3332 | .. | .. | 37.9 | +31 31 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16a | .. | .. | .. | 62 | A |
| 7031 | C. Aust. | — | 12864 | 6587 | 25572 | 38.0 | −39 48 | 5.48 | .. | 26 | .. | .. | 04 | 15 | 10 | 06 | .. | .. | .. | .. | .. | 02 | 03 | 10. | G |
| 7032 | Scutum | ε 3 | 4686 | 3154 | 25583 | 38.1 | − 8 23 | 5.09 | 01 | .. | .. | 16 | .. | 03 | 07 | 15 | 19 | .. | 11 | .. | .. | .. | 07 | 82 | G |
| 7033 | Lyra | — | 3285 | .. | .. | 38.5 | +34 38 | 6.12 | .. | .. | 00 | .. | .. | 02 | 03 | .. | .. | .. | .. | 64a | .. | .. | .. | 17 | A |
| 7034 | Scutum | — | 4859 | .. | 25598 | 38.5 | − 6 55 | 6.32 | .. | .. | .. | 09 | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | F 5 |
| 7035 | Sagitt. | — | 13394 | 3156 | 25600 | 38.6 | −25 5 | 5.76 | 02 | .. | .. | 03 | 14 | 11 | .. | R | .. | .. | .. | .. | .. | .. | 19 | 41 | A |
| 7036 | Pavo | θ | 3754 | 6594 | 25574 | 38.8 | −65 11 | 5.89 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | 01 | .. | 01 | 0. | A 3 |
| 7037 | Telesc. | — | 12135 | 6595 | 25604 | 39.2 | −50 12 | 6.56 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | 8. | F |
| 7038 | Sagitt. | — | 5131 | .. | 25615 | 39.3 | −21 7 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 32 | K |
| 7039 | Sagitt. | φ 27 | 13170 | 3157 | 25614 | 39.4 | −27 6 | 3.30 | 03 | .. | .. | 11 | .. | 14 | .. | R | 35 | 05 | .. | .. | .. | .. | 10 | 25 | B 8 |
| 7040 | Aquila | 4 | 3766 | 3158 | .. | 39.8 | + 1 57 | 5.04 | 08 | .. | .. | .. | .. | 12 | 03 | .. | 06 | .. | 01 | 07b | .. | .. | 01 | 04 | B 5 |
| 7041 | Lyra | — | 3505 | .. | .. | 39.9 | +39 13 | 6.55 | .. | .. | 07 | .. | .. | .. | 07 | .. | .. | .. | .. | 06d | .. | .. | .. | .. | K |
| 7042 | Draco | — | 1641 | 3163 | .. | 40.0 | +62 39 | 6.01 | 06 | .. | .. | .. | .. | 24 | 29 | .. | .. | .. | 01 | 20c | .. | .. | 01 | 50 | K |
| 7043 | Lyra | — | 3246 | .. | .. | 40.1 | +36 28 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06c | .. | .. | .. | .. | K |
| 7044 | Lyra | — | 3348 | 3160 | .. | 40.1 | +31 50 | 5.52 | 05 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 20 | 40b | .. | .. | 02 | 39 | F |
| 7045 | Sagitt. | — | 5154 | .. | 25639 | 40.1 | −19 43 | 6.55 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 12. | Mb |
| 7046 | Sagitt. | 28 | 4854 | 3159 | 25642 | 40.3 | −22 30 | 5.80 | 17 | .. | .. | 30 | .. | 13 | R | R | 20 | .. | .. | .. | .. | .. | 20 | 15 | K |
| 7047 | Herc. | — | 3439 | 3161 | .. | 40.5 | +23 29 | 6.17 | 01 | .. | .. | .. | .. | 06 | 07 | .. | .. | .. | 23 | 29b | .. | .. | 03 | 11 | F |
| 7048 | Serpens | — | 3941 | 3162 | .. | 40.5 | + 5 23 | 5.72 | 01 | .. | .. | 06 | .. | 10 | 06 | .. | .. | .. | .. | 32b | .. | .. | 11 | 48 | A |
| 7049 | Draco | c 46 | 2107 | 3166 | .. | 40.7 | +55 26 | 5.08 | 08 | .. | .. | .. | .. | 08 | 01 | .. | 13 | .. | 23 | 22b | .. | 16 | 12 | 07 | A |
| 7050 | C. Aust. | μ | 12807 | 6605 | 25647 | 40.7 | −40 31 | 5.28 | .. | .. | .. | .. | 15 | 01 | 11 | 04 | .. | .. | .. | .. | .. | .. | 13 | 14. | G |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**18h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7051 | Lyra | 4 | 3509 | 3167 | .. | 41.0 | +39 34 | 5.06 | 09 | .. | .. | 04 | .. | 12 | .. | .. | 08 | .. | 29 | 32b | .. | .. | | 14 | A 3 | A3 |
| 7052 | Lyra | | | 3168 | .. | 41.0 | +39 34 | 6.02 | | | | | | | | | | | | | | | 27 | | | |
| 7053 | Lyra | ε 5 | 3510 | 3169 | .. | 41.1 | +39 30 | 5.14 | 05 | .. | .. | .. | .. | 05 | .. | .. | 00 | .. | 25 | 42a | .. | .. | | 04 | A 5 | A5 |
| 7054 | Lyra | | | 3170 | .. | 41.1 | +39 30 | 5.37 | | | | | | | | | | | | | | | | | | |
| 7055 | Scutum | — | 4797 | 3164 | 25667 | 41.2 | −10 14 | 5.81 | 03 | .. | 10 | .. | .. | 04 | 11 | R | .. | .. | .. | .. | .. | .. | 03 | 21 | F | F5 |
| 7056 | Lyra | ζ 6 | 3222 | 3172 | .. | 41.3 | +37 30 | 4.29 | 05 | .. | .. | .. | .. | 05 | .. | .. | 06 | .. | 25 | 44b | .. | 19 | 04 | 39 | F | A3 |
| 7057 | Lyra | 7 | 3223 | 3173 | .. | 41.3 | +37 30 | 5.87 | 05 | .. | .. | .. | .. | 05 | .. | .. | 57 | .. | 15 | 31b | .. | | | | A 5 | A3 |
| 7058 | Herc. | — | 3550 | .. | .. | 41.3 | +21 53 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 41b | .. | .. | .. | 27 | A | A0p |
| 7059 | Aquila | 5 | 3559 | 3165 | 25676 | 41.3 | − 1 3 | 5.68 | 07 | .. | .. | .. | .. | 04 | 02 | .. | 02 | .. | 41 | .. | .. | .. | 12 | 27 | A | A0 |
| 7060 | Draco | — | 2126 | 3175 | .. | 41.4 | +53 47 | 6.08 | 02 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | 40b | .. | .. | 00 | 08 | A | A2 |
| 7061 | Herc. | 110 | 3926 | 3171 | .. | 41.4 | +20 27 | 4.26 | 01 | .. | .. | .. | .. | 00 | .. | .. | 19 | .. | 22 | 18c | .. | .. | 12 | 65 | F 5 | F5 |
| 7062 | C. Aust. | $\eta^1$ | 12841 | 6607 | 25666 | 41.6 | −43 48 | 5.59 | .. | .. | .. | .. | 10 | 09 | 06 | 04 | .. | .. | .. | .. | 09 | .. | 09 | 12. | A 3 | A2 |
| 7063 | Scutum | β 6 | 4582 | 3174 | 25690 | 41.9 | − 4 51 | 4.47 | 12 | .. | 05 | 05 | .. | 01 | .. | R | 17 | 21 | 06 | .. | .. | .. | 22 | 36 | G | G0 |
| 7064 | Lyra | — | 3349 | 3177 | .. | 42.0 | +26 34 | 4.92 | 06 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 09 | 18d | .. | .. | 03 | 90 | K | K0 |
| 7065 | Telesc. | — | 12779 | .. | 25683 | 42.0 | −45 55 | 5.79 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 06 | 13. | K | K0 |
| 7066 | Scutum | R | 4760 | 3176 | 25694 | 42.2 | − 5 49 | var. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | .. | .. | .. | v | v | G 5 | ma |
| 7067 | Herc. | — | 3817 | .. | .. | 42.3 | +18 36 | 6.27 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04d | .. | .. | .. | .. | K | K5 |
| 7068 | C. Aust. | $\eta^2$ | 12854 | 6612 | 25691 | 42.4 | −43 32 | 5.64 | .. | .. | .. | .. | 15 | 07 | 28 | 20 | .. | .. | .. | .. | 14 | .. | 02 | 8. | B 9 | B9 |
| 7069 | Herc. | 111 | 3823 | 3178 | .. | 42.6 | +18 4 | 4.37 | 15 | .. | .. | .. | .. | 17 | 01 | .. | 02 | .. | 12 | 05b | .. | .. | 07 | 15 | A 3 | A3 |
| 7070 | Sagitt. | — | 13128 | 6614 | 25699 | 42.7 | −34 51 | 6.56 | .. | .. | .. | .. | 18 | .. | 13 | 06 | .. | .. | .. | .. | .. | .. | .. | 14. | G 5 | K0 |
| 7071 | Draco | — | 2034 | 3180 | .. | 42.9 | +54 47 | 6.26 | 00 | .. | 05 | .. | .. | 04 | .. | .. | .. | .. | .. | 26c | .. | .. | 09 | 18 | G 5 | G5 |
| 7072 | Sagitt. | — | 5079 | .. | 25711 | 42.9 | −18 42 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 20 | K | A0 |
| 7073 | Lyra | — | 3137 | 3179 | .. | 43.0 | +41 20 | 5.88 | 14 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | 08 | 50a | .. | .. | 18 | 02 | A | B9 |
| 7074 | Pavo | λ | 5983 | 6617 | 25692 | 43.0 | −62 18 | 4.42 | .. | .. | .. | .. | 07 | .. | .. | 08 | .. | .. | .. | .. | 03 | .. | 18 | 3. | B 2 | B2 |
| 7075 | Draco | — | 1845 | 3182 | .. | 43.1 | +60 56 | 6.23 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | 07c | .. | .. | 13 | 45 | K | K0 |
| 7076 | Serpens | — | 3884 | .. | .. | 43.1 | + 4 8 | 6.34 | .. | .. | 06 | .. | .. | .. | 05 | .. | .. | .. | .. | 06e | .. | .. | .. | .. | K | K5 |
| 7077 | Sagitt. | — | 5182 | .. | R | 43.8 | −19 15 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 12 | F | A0 |
| 7078 | Sagitt. | 29 | 5277 | 3181 | 25735 | 43.8 | −20 26 | 5.37 | 12 | .. | 07 | .. | .. | 04 | .. | R | 42 | .. | .. | .. | .. | .. | 05 | 72 | K | K0 |
| 7079 | Herc. | — | 3461 | 3183 | .. | 44.1 | +23 24 | 6.04 | 05 | .. | .. | .. | .. | 04 | .. | .. | .. | .. | 18 | 32b | .. | .. | 04 | 44 | F 8 | F5 |
| 7080 | Lyra | — | 2551 | .. | .. | 44.2 | +46 12 | 6.47 | .. | .. | .. | .. | .. | 00 | 00 | .. | .. | .. | .. | 37b | .. | .. | .. | 17 | A | A0 |
| 7081 | Lyra | — | 3369 | 3184 | .. | 44.2 | +31 39 | 5.78 | 02 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 08 | 50b | .. | .. | 08 | 07 | A | B3 |
| 7082 | Draco | — | 1023 | .. | .. | 44.3 | +70 41 | 6.56 | .. | .. | 07 | .. | .. | .. | 06 | .. | .. | .. | .. | 20d | .. | .. | .. | 31 | K | K2 |
| 7083 | Scutum | — | 4922 | .. | 25753 | 44.3 | − 6 1 | 6.22 | .. | .. | .. | 02 | .. | 02 | 01 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K 5 | K0 |
| 7084 | Draco | — | 2280 | 3187 | .. | 44.5 | +52 53 | 5.76 | 08 | .. | .. | .. | .. | 09 | .. | .. | .. | .. | .. | 44a | .. | .. | 19 | 03 | A | B5 |
| 7085 | Aquila | — | 4027 | .. | .. | 44.5 | + 0 44 | 6.26 | .. | .. | 23 | .. | .. | .. | 22 | .. | .. | .. | .. | 26b | .. | .. | .. | 54 | A | A0 |
| 7086 | Herc. | — | 3798 | 3185 | .. | 44.6 | +19 13 | 5.82 | 10 | .. | 13 | .. | .. | 11 | 12 | .. | .. | .. | 41 | 52a | .. | .. | 27 | 06 | A | A0 |
| 7087 | Telesc. | κ | 11268 | 6624 | 25748 | 44.7 | −52 13 | 5.27 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | 33 | .. | 15 | 15. | K | K0 |
| 7088 | Sagitt. | 30 | 4881 | 3186 | 25767 | 44.8 | −22 17 | 6.24 | 10 | .. | .. | 00 | .. | 08 | 01 | .. | 24 | .. | .. | .. | .. | .. | 14 | 43 | F 2 | F0 |
| 7089 | Scutum | S | 4726 | .. | 25775 | 44.9 | − 8 1 | var. | .. | .. | .. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | N | N |
| 7090 | Draco | — | 2767 | .. | .. | 45.1 | +48 58 | 6.41 | .. | .. | .. | .. | .. | 14 | 14 | .. | .. | .. | .. | 57a | .. | .. | .. | 02 | A | A0 |
| 7091 | Lyra | — | 3545 | 3188 | .. | 45.1 | +24 56 | 6.56 | 07 | .. | 10 | .. | .. | 09 | 11 | .. | .. | .. | .. | 44a | .. | .. | 19 | 37 | A | A0 |
| 7092 | Telesc. | — | 12669 | 6630 | 25758 | 45.1 | −46 42 | 5.49 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | 03 | 14. | Ma | ma |
| 7093 | Telesc. | — | 11273 | .. | 25765 | 45.3 | −52 3 | 6.48 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | B 8 | B8 |
| 7094 | Scutum | — | 4859 | .. | 25787 | 45.5 | − 9 53 | 5.89 | .. | .. | 02 | .. | .. | 13 | 12 | .. | .. | .. | .. | .. | .. | .. | 11 | 01 | F | F0 |
| 7095 | Telesc. | — | 12769 | .. | 25776 | 45.5 | −48 28 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | A 5 | A0 |
| 7096 | Draco | — | 2770 | 3190 | .. | 45.6 | +48 39 | 6.02 | 05 | .. | .. | .. | .. | 04 | 01 | .. | .. | .. | 05 | 44b | .. | .. | 02 | 18 | A | A3 |
| 7097 | Telesc. | — | 12676 | 6631 | 25779 | 45.6 | −46 42 | 6.34 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 19 | 6. | A 2 | A2 |
| 7098 | Lyra | — | 3373 | .. | .. | 46.0 | +31 31 | 6.50 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 30b | .. | .. | .. | 12 | A | B9 |
| 7099 | Aquila | — | 3685 | .. | .. | 46.0 | +10 52 | 6.63 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 15d | .. | .. | .. | .. | K | K2 |
| 7100 | Lyra | 8 | 3227 | 3191 | .. | 46.1 | +32 42 | 5.77 | 20 | .. | .. | 17 | .. | 03 | .. | .. | 17 | .. | 06 | 35a | .. | .. | 12 | 02 | B 2 | B2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**18h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7101 | Aquila | 8 | 4392 | .. | 25813 | 46.1 | − 3 26 | 6.04 | .. | .. | .. | 05 | .. | 04 | 09 | .. | 04 | .. | .. | .. | .. | .. | .. | 45 | F | A3 |
| 7102 | Lyra | ν 9 | 3228 | 3192 | .. | 46.2 | +32 26 | 5.16 | 06 | .. | .. | 04 | .. | 01 | .. | .. | 02 | .. | 15 | 22b | .. | .. | 04 | 17 | A 2 | A2 |
| 7103 | Sagitt. | — | 13562 | .. | 25810 | 46.3 | −26 46 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11 | K | G5 |
| 7104 | Sagitt. | — | 15449 | .. | 25808 | 46.3 | −29 29 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 15. | K | K0 |
| 7105 | Sagitt. | — | 16356 | 6637 | 25806 | 46.3 | −30 51 | 6.63 | 08 | 29 | .. | .. | 21 | 12 | 13 | 39 | .. | .. | .. | .. | .. | .. | 17 | 2. | A | B8 |
| 7106 | Lyra | β 10 | 3223 | 3193 | .. | 46.4 | +33 15 | var. | v | .. | .. | .. | .. | .. | .. | .. | v | .. | .. | .. | .. | .. | v | v | B 2 p | B2P |
| 7107 | Pavo | κ | 3603 | 6640 | 25786 | 46.6 | −67 21 | var. | .. | .. | .. | .. | v | .. | .. | v | .. | .. | .. | .. | .. | .. | v | 20. | F 5 | F5 |
| 7108 | Telesc. | — | 12206 | 6642 | 25815 | 46.8 | −50 0 | 6.62 | .. | .. | .. | .. | 13 | .. | .. | 14 | .. | .. | .. | .. | 82 | .. | .. | 8. | A 2 | A2 |
| 7109 | Aquila | — | 3787 | 3194 | .. | 47.5 | +13 51 | 6.09 | 08 | .. | .. | 02 | .. | 05 | 04 | .. | .. | .. | 09 | 11b | .. | .. | 09 | 04 | A | B9 |
| 7110 | Scutum | — | 4876 | .. | 25846 | 47.6 | − 9 42 | 6.26 | .. | .. | 00 | .. | .. | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | 06 | A 5 | A3 |
| 7111 | Pavo | — | 6002 | .. | 25822 | 47.6 | −62 55 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K | K0 |
| 7112 | Lyra | — | 3104 | .. | .. | 47.7 | +28 39 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 07c | .. | .. | .. | .. | G | K0 |
| 7113 | Herc. | 112 | 3582 | 3197 | .. | 48.0 | +21 18 | 5.33 | 19 | .. | .. | .. | .. | 19 | .. | .. | 33 | .. | 13 | 27a | .. | .. | .. | 09 | B 9 | B9 |
| 7114 | Sagitt. | 33 | 5176 | 3195 | 25849 | 48.0 | −21 29 | 5.75 | 23 | .. | .. | 13 | .. | 11 | 07 | 04 | 18 | .. | .. | .. | .. | .. | 30 | 42 | K | K0 |
| 7115 | Lyra | — | 3295 | .. | .. | 48.1 | +36 25 | 6.01 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 42a | .. | .. | .. | 04 | A | B5 |
| 7116 | Sagitt. | ν¹ 32 | 4907 | 3196 | 25853 | 48.1 | −22 52 | 4.96 | 06 | .. | .. | 13 | .. | 10 | 04 | 12 | 34 | .. | .. | .. | .. | .. | 09 | 69 | G 5 | G5 |
| 7117 | Draco | — | 835 | 3204 | .. | 48.2 | +73 58 | 5.38 | 05 | .. | .. | .. | .. | 01 | 04 | .. | .. | .. | 22 | 08c | .. | .. | 01 | 55 | K | G5 |
| 7118 | Lyra | — | 3167 | 3201 | .. | 48.9 | +41 16 | 6.20 | 13 | .. | .. | 00 | .. | 13 | 02 | .. | .. | .. | 18 | 32a | .. | .. | 20 | 38 | A | B9 |
| 7119 | *Scutum* | — | 5143 | 3198 | 25875 | 49.0 | −15 43 | 5.04 | 08 | .. | 01 | .. | .. | 07 | 00 | .. | .. | .. | .. | .. | .. | .. | 16 | 34 | B 5 | B5 |
| 7120 | Sagitt. | ν² 35 | 4915 | 3200 | 25876 | 49.1 | −22 47 | 5.04 | 11 | .. | .. | 05 | .. | 01 | 02 | 07 | 21 | .. | .. | .. | .. | .. | 04 | 61 | K | K0 |
| 7121 | Sagitt. | σ 34 | 13595 | 3199 | 25874 | 49.1 | −26 25 | 2.14 | 16 | .. | .. | 04 | .. | 12 | .. | .. | 36 | 02 | .. | .. | .. | .. | 11 | 63 | B 3 | B3 |
| 7122 | C. Aust. | — | 13761 | 6648 | 25870 | 49.2 | −42 50 | 5.42 | .. | .. | .. | .. | 07 | 03 | 01 | 03 | .. | .. | .. | .. | .. | .. | 03 | 15. | K | K0 |
| 7123 | Draco | — | 2294 | 3205 | .. | 49.3 | +52 50 | 5.62 | 02 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 18 | 02c | .. | .. | 02 | 63 | G 5 | G5 |
| 7124 | Draco | 50 | 682 | 3211 | .. | 49.6 | +75 19 | 5.37 | 18 | .. | 25 | .. | .. | 07 | .. | .. | 15 | .. | 23 | 28a | .. | .. | 07 | 07 | A | A0 |
| 7125 | Draco | o 47 | 1925 | 3206 | .. | 49.7 | +59 16 | 4.78 | 14 | .. | .. | .. | .. | 02 | 11 | .. | 08 | .. | 06 | 00d | .. | .. | 18 | 84 | K | K0 |
| 7126 | Sagitt. | — | 5078 | 3202 | 25890 | 49.7 | −16 30 | 5.58 | 01 | .. | .. | .. | .. | 01 | 08 | 11 | .. | .. | .. | .. | .. | .. | 10 | 36 | F 5 | F5 |
| 7127 | Pavo | ω | 7213 | 6650 | 25872 | 49.7 | −60 20 | 5.14 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | 41 | .. | 16 | 20. | K | K0 |
| 7128 | Sagitt. | — | 14844 | 3203 | 25895 | 49.9 | −23 18 | 5.89 | 05 | .. | .. | 14 | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | 04 | 55 | B 8 | B8 |
| 7129 | C. Aust. | — | 12982 | 6653 | 25886 | 49.9 | −37 28 | 5.41 | .. | 27 | .. | .. | 13 | 12 | 15 | 19 | .. | 30 | .. | .. | .. | 01 | 15 | 0. | B 5 | B5 |
| 7130 | Pavo | — | 3404 | .. | 25869 | 50.0 | −66 47 | 6.06 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06 | .. | 31 | 11. | K | K0 |
| 7131 | Lyra | δ¹ 11 | 3307 | 3207 | .. | 50.2 | +36 51 | 5.51 | 17 | .. | .. | .. | .. | 09 | 07 | .. | 29 | .. | .. | 44a | .. | .. | R | 04 | B 3 | B3 |
| 7132 | Lyra | — | 3150 | .. | .. | 50.3 | +27 47 | 5.82 | .. | .. | .. | .. | .. | 07 | 07 | .. | .. | .. | .. | 15d | .. | .. | .. | .. | K | K2 |
| 7133 | Herc. | 113 | 3524 | 3209 | .. | 50.5 | +22 32 | 4.56 | 01 | .. | .. | .. | .. | 02 | .. | .. | 14 | .. | 21 | 15d | .. | .. | 04 | 74 | G 5 | G5 comp |
| 7134 | Telesc. | λ | 9402 | 6656 | 25897 | 50.5 | −53 4 | 5.03 | .. | .. | .. | .. | 17 | .. | .. | 17 | .. | .. | .. | .. | 07 | .. | 28 | 2. | B 9 | A5 B9 |
| 7135 | Serpens | 62 | 3978 | 3208 | .. | 50.6 | + 6 30 | 5.66 | 02 | .. | .. | 02 | .. | 01 | 05 | .. | 04 | .. | 25 | 06d | .. | .. | 11 | 33 | K | G5 |
| 7136 | C. Aust. | — | 13012 | 6658 | 25902 | 50.6 | −39 57 | 6.36 | .. | .. | .. | .. | 07 | .. | 15 | 07 | .. | .. | .. | .. | .. | .. | .. | 5. | A 8 | A3 |
| 7137 | Draco | — | 2686 | 3214 | .. | 50.7 | +50 35 | 4.97 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 15 | 19c | .. | .. | 12 | 80 | K | G5 |
| 7138 | Lyra | — | 3174 | .. | .. | 50.9 | +41 6 | 7.30 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 20b | .. | .. | .. | .. | F 2 | F5 |
| 7139 | Lyra | δ² 12 | 3319 | 3210 | .. | 51.0 | +36 47 | 4.52 | 01 | .. | .. | .. | .. | 00 | .. | .. | 06 | .. | 16 | 15e | .. | .. | v | 135 | Mb | mb |
| 7140 | Lyra | — | 3257 | 3217 | .. | 51.2 | +33 51 | 6.08 | 11 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 09 | 15c | .. | .. | 08 | 08 | F | G0 |
| 7141 | Serpens | θ 63 | 3916 | 3215 | .. | 51.2 | + 4 4 | 4.50 | 02 | .. | .. | 17 | .. | 04 | .. | .. | R | 43 | 79 | 45b | .. | .. | 00 | 41 | A 5 | A5 |
| 7142 | Serpens | | 3917 | 3216 | | 51.2 | + 4 4 | 5.37 | | | | | | 50 | | | | | 76 | 01b | | | | | A 5 | A5 |
| 7143 | Aquila | — | 3602 | 3212 | 25917 | 51.2 | − 1 56 | 6.20 | 16 | .. | 37 | .. | .. | 15 | 06 | .. | .. | .. | 15 | .. | .. | .. | 20 | 60 | A | A0 |
| 7144 | Serpens | — | 3730 | .. | .. | 51.4 | + 2 21 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06c | .. | .. | .. | 39 | K | K0 |
| 7145 | Sagitt. | ξ¹ 36 | 5339 | 3213 | 25919 | 51.4 | −20 47 | 5.06 | 09 | .. | 13 | .. | .. | 05 | .. | .. | 51 | 14 | .. | .. | .. | .. | 12 | 20 | A | A0 |
| 7146 | Lyra | — | 3177 | 3221 | .. | 51.7 | +41 29 | 5.57 | 13 | .. | .. | 10 | .. | 03 | .. | .. | .. | .. | 05 | 07d | .. | .. | 07 | 89 | K | K0 |
| 7147 | Herc. | — | 3778 | .. | .. | 51.7 | +17 52 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 57a | .. | .. | .. | .. | A | B9 |
| 7148 | Herc. | — | 3779 | 3220 | .. | 51.7 | +17 59 | 5.72 | 03 | .. | .. | .. | .. | 02 | 05 | .. | .. | .. | 25 | 20d | .. | .. | 22 | 18 | A | K2 |
| 7149 | Scutum | η 9 | 4976 | 3219 | 25931 | 51.7 | − 5 58 | 5.04 | 10 | .. | .. | 10 | .. | 01 | .. | R | 02 | 50 | 11 | .. | .. | .. | 14 | 89 | K | K0 |
| 7150 | Sagitt. | ξ² 37 | 5201 | 3218 | 25927 | 51.8 | −21 14 | 3.61 | 08 | .. | .. | 05 | .. | 04 | .. | R | 21 | 01 | .. | .. | .. | .. | 23 | 130 | K | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**18h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7151 | Sagitt. | — | 16189 | .. | 25930 | 51.9 | −31 10 | 6.14 | .. | .. | .. | .. | .. | .. | 09 | 10 | .. | .. | .. | .. | .. | .. | 14 | 21. | K | Ko |
| 7152 | C. Aust. | ε | 13001 | 6661 | 25928 | 52.0 | −37 14 | 4.87 | .. | 20 | .. | .. | 04 | 01 | 00 | 17 | .. | 15 | .. | .. | .. | .. | 05 | 7. | F 5 | F5— |
| 7153 | Draco | — | 1915 | .. | .. | 52.1 | +57 20 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03d | .. | .. | .. | 32 | K | Ko |
| 7154 | Draco | — | 2793 | 3223 | .. | 52.1 | +48 44 | 5.87 | 03 | .. | .. | .. | .. | 13 | 17 | .. | .. | .. | 10 | 21c | .. | .. | 03 | 37 | F | F5— |
| 7155 | Sagitt. | — | 13574 | 6663 | 25941 | 52.2 | −25 0 | 6.60 | .. | .. | .. | .. | 20 | .. | 19 | .. | .. | .. | .. | .. | .. | .. | .. | 4. | A | A0 |
| 7156 | C. Aust. | — | 13032 | 6664 | 25937 | 52.2 | −39 40 | 6.45 | .. | .. | .. | .. | 08 | .. | 28 | 19 | .. | .. | .. | .. | .. | .. | .. | 8. | A | A0 |
| 7157 | Lyra | R 13 | 3117 | 3224 | .. | 52.3 | +43 49 | 4.32 | 03 | .. | .. | .. | .. | 02 | .. | .. | 23 | .. | 32 | .. | .. | .. | 10 | 131 | Mb | Pnb— |
| 7158 | Serpens | 64 | 3738 | 3222 | .. | 52.3 | + 2 26 | 5.65 | R | .. | .. | 37 | .. | 21 | 15 | .. | 35 | .. | 01 | 06b | .. | .. | 05 | 20 | B 8 | B8 |
| 7159 | Sagitt. | — | 4928 | .. | 25944 | 52.4 | −22 40 | 6.04 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 46 | 49 | A 2 | A2 |
| 7160 | Draco | — | 604 | .. | .. | 52.7 | +79 50 | 6.33 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 27b | .. | .. | .. | 04 | A | A5— |
| 7161 | Pavo | — | 3180 | 6668 | 25923 | 52.8 | −68 54 | 5.94 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | 06 | .. | 06 | 6. | F 5 | G0 |
| 7162 | Lyra | — | 3267 | 3225 | .. | 53.3 | +32 47 | 5.21 | 11 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | 15b | .. | .. | 04 | 53 | G | G0 |
| 7163 | Aquila | — | 3989 | .. | .. | 53.5 | + 6 7 | 6.38 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 09b | .. | .. | .. | 34 | F 5 | F5— |
| 7164 | Sagitt. | — | 5155 | .. | 25964 | 53.6 | −18 42 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 02 | K | K5— |
| 7165 | Aquila | — | 3799 | 3227 | .. | 53.8 | +17 14 | 5.37 | 13 | .. | .. | 20 | .. | 01 | 07 | .. | .. | .. | 34 | 25c | .. | .. | 07 | 73 | F 8 | F5— |
| 7166 | Sagitt. | — | 5172 | 3226 | 25971 | 53.8 | −12 58 | 5.36 | 08 | .. | .. | .. | .. | 04 | 05 | R | .. | .. | .. | .. | .. | 33 | 09 | 34 | B 5 | B5— |
| 7167 | Aquila | 10 | 3838 | .. | .. | 54.2 | +13 46 | 5.94 | .. | .. | .. | 17 | .. | 17 | .. | .. | 14 | .. | .. | 32a | .. | .. | .. | 06 | A 3 | A3p |
| 7168 | Sagitt. | — | 13614 | 6672 | 25986 | 54.2 | −25 5 | 6.38 | .. | .. | .. | .. | 03 | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 23 | K | K0 |
| 7169 | C. Aust. | — | 13017 | 6674 | 25978 | 54.3 | −37 12 | 6.84 | .. | 30 | .. | .. | 41 | 10 | 31 | 29 | .. | .. | .. | .. | .. | .. | 30 | 4. | A | B8 |
| 7170 | C. Aust. | — | 13018 | 6675 | 25981 | 54.3 | −37 12 | 6.62 | | | | | | | | | | | | | | | | | | B8 |
| 7171 | Herc. | — | 3858 | 3228 | .. | 54.5 | +19 39 | 6.22 | 07 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | .. | 20b | .. | .. | 02 | 11 | A | B8 |
| 7172 | Aquila | 11 | 3841 | 3229 | .. | 54.5 | +13 30 | 5.37 | 17 | .. | .. | 23 | .. | 06 | .. | .. | 17 | .. | 12 | 03c | .. | 11 | 22 | 67 | A | F5— |
| 7173 | Aquila | — | 3951 | .. | .. | 54.5 | +10 0 | 6.52 | .. | .. | 05 | 03 | .. | .. | 02 | .. | .. | .. | .. | 48b | .. | .. | .. | .. | A | B5— |
| 7174 | Lyra | — | 3373 | 3230 | .. | 54.6 | +38 7 | 5.75 | 14 | .. | .. | .. | .. | 05 | 08 | .. | .. | .. | 05 | 34a | .. | .. | 05 | 12 | A | B8 |
| 7175 | Draco | 48 | 1922 | 3233 | .. | 55.1 | +57 41 | 5.71 | 12 | .. | .. | .. | .. | 12 | .. | .. | 11 | .. | 13 | 14d | .. | .. | 06 | 57 | K | K0 |
| 7176 | Aquila | ε 13 | 3736 | 3231 | .. | 55.1 | +14 56 | 4.21 | 11 | .. | 13 | .. | .. | 02 | .. | .. | 29 | .. | 35 | 07d | .. | .. | 06 | 120 | K | K0 |
| 7177 | C. Aust. | — | 13839 | .. | 26000 | 55.1 | −42 3 | 6.39 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | A | A2 |
| 7178 | Lyra | γ 14 | 3286 | 3232 | .. | 55.2 | +32 33 | 3.30 | 01 | .. | .. | .. | .. | 00 | .. | .. | 30 | .. | 14 | 25a | .. | .. | .. | 23 | A | A0p |
| 7179 | Lyra | — | 3544 | 3235 | .. | 55.5 | +40 33 | 6.12 | 02 | .. | 10 | .. | .. | 12 | .. | .. | .. | .. | 13 | 26a | .. | .. | 02 | 47 | A | B5— |
| 7180 | Draco | υ 52 | 915 | 3242 | .. | 55.6 | +71 10 | 4.91 | 08 | .. | .. | .. | .. | 06 | 01 | .. | 01 | .. | 15 | 14d | .. | .. | 05 | 87 | K | K0 |
| 7181 | Lyra | — | 3418 | 3236 | .. | 55.6 | +26 5 | 5.28 | 01 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 18 | 16d | .. | .. | 01 | .. | K | K0 |
| 7182 | Sagitt. | — | 4946 | .. | 26022 | 55.6 | −22 50 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 04 | 17. | K 5 | K5— |
| 7183 | Herc. | — | 3549 | .. | .. | 55.7 | +22 40 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 01e | .. | .. | .. | .. | Mb | Pma |
| 7184 | Draco | — | 1849 | .. | .. | 55.8 | +58 4 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 41b | .. | .. | .. | 03 | A | A2 |
| 7185 | Lyra | — | 3602 | 3239 | .. | 55.9 | +39 5 | 6.25 | 01 | .. | 07 | .. | .. | 05 | .. | .. | .. | .. | 05 | 36a | .. | .. | 05 | 14 | B 8 | B5— |
| 7186 | Sagitt. | — | 5185 | 3234 | 26035 | 55.9 | −15 25 | 6.38 | 04 | .. | 13 | .. | .. | 09 | 02 | .. | .. | .. | .. | .. | .. | .. | 02 | .. | G 2 | G5— |
| 7187 | Draco | — | 1309 | 3244 | .. | 56.0 | +65 8 | 5.78 | 04 | .. | 12 | .. | .. | 10 | 06 | .. | .. | .. | 05 | 08c | .. | .. | 23 | 37 | K | K0 |
| 7188 | C. Aust. | ζ | 13855 | 6683 | 26027 | 56.1 | −42 14 | 4.85 | .. | .. | .. | .. | 09 | 03 | 03 | 15 | .. | 42 | .. | .. | 15 | .. | 00 | 7. | A | A0 |
| 7189 | Sagitt. | — | .. | .. | .. | 56.2 | −13 18 | nov | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Pec. | --- |
| 7190 | Telesc. | — | 11893 | 6684 | 26026 | 56.2 | −51 9 | 6.01 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 07 | 8. | K | K5— |
| 7191 | Draco | — | 1669 | .. | .. | 56.3 | +62 16 | 6.44 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 36c | .. | .. | .. | 06 | A | K0 |
| 7192 | Lyra | λ 15 | 3424 | 3241 | .. | 56.3 | +32 0 | 5.11 | 01 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | 11 | 09d | .. | .. | .. | 78 | K | K5— |
| 7193 | Aquila | i 12 | 4840 | 3240 | 26048 | 56.3 | − 5 53 | 4.15 | 13 | .. | 11 | .. | .. | 03 | .. | .. | 12 | 19 | 14 | .. | .. | .. | 05 | 103 | K | K0 |
| 7194 | Sagitt. | ζ 38 | 16575 | 6686 | 26041 | 56.3 | −30 1 | 2.71 | 18 | 27 | .. | .. | 02 | 08 | 14 | 15 | 14 | 05 | .. | .. | .. | .. | 19 | 10. | A 2 | A2 |
| 7195 | Sagitt. | — | 13655 | 3238 | 26045 | 56.4 | −24 59 | 5.73 | 03 | .. | .. | 29 | 07 | 14 | 09 | R | .. | .. | .. | .. | .. | .. | 12 | 17. | K | K2 |
| 7196 | Draco | — | 2705 | .. | .. | 56.5 | +50 41 | 6.37 | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | 13c | .. | .. | .. | 93 | A | B5— |
| 7197 | C. Aust. | — | 13300 | 6687 | 26044 | 56.5 | −38 24 | 5.73 | .. | 26 | .. | .. | 02 | 18 | 03 | 11 | .. | .. | .. | .. | .. | .. | 05 | 9. | A 5 | F0 |
| 7198 | Herc. | — | 3879 | .. | .. | 56.8 | +19 10 | 6.51 | .. | .. | 09 | .. | .. | .. | 09 | .. | .. | .. | .. | 05d | .. | .. | .. | .. | K | K0 |
| 7199 | Draco | — | 683 | .. | .. | 56.9 | +75 39 | 6.18 | .. | .. | 11 | .. | .. | 05 | 06 | .. | .. | .. | .. | Rb | .. | .. | .. | 14 | A | A0 |
| 7200 | Herc. | — | 4022 | 3245 | .. | 57.0 | +20 42 | 6.55 | 10 | .. | .. | .. | .. | 03 | 06 | .. | .. | .. | .. | 43b | .. | .. | 10 | 38 | A | B9 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7201 | Lyra | — | 3555 | .. | .. | 57.1 | +40 33 | 6.77 | .. | .. | A | .. | .. | .. | R | .. | .. | .. | .. | 02d | .. | .. | .. | .. | Ma 5 | ma |
| 7202 | Lyra | — | 3429 | 3246 | .. | 57.2 | +26 9 | 5.50 | 04 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 06 | 37a | .. | .. | 00 | 15 | A | B3 |
| 7203 | Sagitt. | — | 5273 | 3243 | 26063 | 57.2 | −19 23 | 6.03 | 14 | .. | 16 | .. | .. | 10 | 09 | .. | .. | .. | .. | .. | .. | .. | 18 | 13. | G | b5 |
| 7204 | Lyra | — | 3287 | .. | .. | 57.3 | +33 40 | 6.15 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 07c | .. | .. | .. | 00 | K | K0 |
| 7205 | Sagitt. | — | 5275 | .. | 26065 | 57.3 | −19 14 | 6.33 | .. | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | 7. | F5 | F5 |
| 7206 | Herc. | — | 3608 | .. | .. | 57.5 | +24 53 | 6.92 | .. | .. | 26 | .. | .. | .. | 25 | .. | .. | .. | .. | 12d | .. | .. | .. | .. | K | K2 |
| 7207 | Herc. | — | 3561 | .. | .. | 57.6 | +22 8 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23b | .. | .. | .. | 29 | A | A3 |
| 7208 | Aquila | — | 3951 | .. | .. | 57.6 | + 8 14 | 6.62 | .. | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | 18d | .. | .. | .. | .. | K | K2 |
| 7209 | Aquila | g 14 | 4460 | 3247 | 26082 | 57.6 | − 3 51 | 5.55 | 06 | .. | .. | 24 | .. | 19 | .. | .. | 25 | .. | 19 | .. | .. | 09 | 05 | 18 | A | A0 |
| 7210 | Draco | — | 2708 | 3249 | .. | 57.7 | +50 24 | 5.24 | 13 | .. | .. | .. | .. | 14 | .. | .. | .. | .. | 25 | 44a | .. | .. | 16 | 03 | B3 | B3 |
| 7211 | Sagitt. | — | 16306 | 6693 | 26084 | 58.0 | −31 12 | 5.53 | 00 | 26 | .. | .. | 12 | 13 | 10 | 09 | .. | .. | .. | .. | .. | .. | 07 | 1. | A | A0 |
| 7212 | Lyra | — | 3295 | 3250 | .. | 58.2 | +33 29 | 6.22 | 12 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | 08 | 44a | .. | .. | 17 | 42 | A | B3 |
| 7213 | Telesc. | ρ | 11356 | 6696 | 26085 | 58.4 | −52 29 | 5.18 | .. | .. | .. | .. | 14 | .. | .. | 15 | .. | .. | .. | .. | 08 | .. | 10 | 8. | F5 | G0 |
| 7214 | Aquila | — | 3865 | 3251 | .. | 58.5 | + 1 40 | 5.72 | 04 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 25 | 36b | .. | .. | 23 | 03 | A | A2 |
| 7215 | Lyra | 16 | 2602 | 3254 | .. | 58.6 | +46 47 | 5.06 | 02 | .. | .. | .. | .. | 01 | .. | .. | 06 | .. | 14 | 26b | .. | 18 | 06 | 25 | A5 | A5 |
| 7216 | Herc. | — | 3888 | 3253 | .. | 58.6 | +19 31 | 6.25 | 13 | .. | 05 | .. | .. | 08 | 11 | .. | .. | .. | .. | 05d | .. | .. | 10 | .. | K | K0 |
| 7217 | Sagitt. | o 39 | 5237 | 3252 | 26102 | 58.7 | −21 53 | 3.90 | 01 | .. | .. | 16 | .. | 10 | 03 | .. | 13 | 02 | .. | .. | .. | .. | 02 | 109 | K | K0 |
| 7218 | Draco | 49 | 2137 | 3255 | .. | 58.8 | +55 31 | 5.52 | 17 | .. | .. | .. | .. | 02 | 14 | .. | 13 | .. | 15 | 18c | .. | .. | 16 | 88 | K | G5 |
| 7219 | Aquila | — | 3882 | .. | .. | 59.1 | + 3 11 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 48b | .. | .. | .. | .. | A | A2 |
| 7220 | Aquila | V | 4858 | .. | 26115 | 59.1 | − 5 50 | var. | .. | .. | .. | V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | N | N |
| 7221 | Pavo | — | 3185 | 6703 | 26091 | 59.3 | −68 35 | 5.30 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | 20 | .. | 25 | 13. | K | K0 |
| 7222 | Herc. | — | 3648 | .. | .. | 59.4 | +21 7 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 27a | .. | .. | .. | 23 | F | F2 |
| 7223 | Telesc. | — | 12901 | .. | 26110 | 59.4 | −48 27 | 6.10 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | A2 | A0 |
| 7224 | Draco | — | 1018 | .. | .. | 59.5 | +69 23 | 6.40 | .. | .. | 01 | .. | .. | .. | 00 | .. | .. | .. | .. | 41b | .. | .. | .. | 39 | A | B9 |
| 7225 | Aquila | h 15 | 4684 | 3256 | 26133 | 59.7 | − 4 11 | 5.53 | 06 | .. | 13 | 30 | .. | 30 | 17 | .. | 03 | .. | 14 | .. | .. | .. | 07 | 41 | K | K0 |
| 7226 | C. Aust. | γ | 13048 | 6705 | 26123 | 59.7 | −37 12 | 5.01 | .. | 19 | .. | .. | 02 | 09 | 05 | 13 | .. | 15 | .. | .. | 39 | .. | 06 | 12. | F8 | F8 |
| 7227 | C. Aust. | | | | | 59.7 | −37 12 | 5.01 | | | | | | | | | | | | | | | | | | |
| 7228 | Octans | σ | 47 | 6706 | 25049 | 59.7 | −89 15 | 5.48 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | .. | .. | .. | 08 | .. | 09 | 2. | A8 | |
| 7229 | Draco | — | 2326 | .. | .. | 59.8 | +52 7 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17d | .. | .. | .. | 34 | K | K2 |
| 7230 | Sagitt. | — | 5223 | 3257 | 26136 | 59.9 | −15 49 | 5.90 | 12 | .. | 18 | .. | .. | 16 | 09 | .. | .. | .. | .. | .. | .. | .. | 10 | 20 | A | A0p |
| 7231 | Aquila | — | 3642 | .. | 26145 | 0.1 | − 1 40 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 00 | F | F0 |
| 7232 | C. Aust. | — | 13049 | .. | 26134 | 0.1 | −37 57 | 6.27 | .. | .. | .. | .. | .. | 03 | 05 | 03 | .. | .. | .. | .. | .. | .. | .. | 8. | K | G5 |
| 7233 | Telesc. | — | 9001 | .. | 26135 | 0.6 | −55 52 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | K | K0 |
| 7234 | Sagitt. | τ 40 | 13564 | 3258 | 26149 | 0.7 | −27 49 | 3.42 | 06 | .. | .. | 04 | .. | 03 | 07 | 15 | 68 | 13 | .. | .. | .. | .. | 00 | 111 | K | K0 |
| 7235 | Aquila | ζ 17 | 3899 | 3259 | .. | 0.8 | +13 43 | 3.02 | 08 | .. | .. | .. | .. | 03 | 06 | .. | 12 | 08 | 06 | 30b | .. | .. | 18 | 52 | A | A0 |
| 7236 | Aquila | λ 16 | 4876 | 3260 | 26159 | 0.9 | − 5 2 | 3.55 | 07 | .. | 10 | .. | .. | 04 | .. | 06 | 12 | 28 | 28 | .. | .. | .. | 15 | 28 | A | B9 |
| 7237 | Lyra | — | 3453 | 3262 | .. | 1.1 | +31 36 | 5.80 | 13 | .. | .. | .. | .. | 07 | 07 | .. | .. | .. | .. | 10d | .. | .. | 05 | 08 | K | K5 |
| 7238 | Lyra | — | 3409 | .. | .. | 1.1 | +30 35 | 6.39 | .. | .. | 03 | .. | .. | .. | 03 | .. | .. | .. | .. | 05d | .. | .. | .. | .. | Ma | Ma |
| 7239 | Sagitt. | — | 5153 | 3261 | 26163 | 1.1 | −16 23 | 5.93 | 12 | .. | .. | .. | .. | 04 | 06 | 23 | .. | .. | .. | .. | .. | .. | 08 | 04 | A | B8 |
| 7240 | Sagitt. | — | 15403 | .. | 26161 | 1.2 | −28 48 | 6.19 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 12. | K | K2 |
| 7241 | Sagitt. | — | 5206 | .. | 26165 | 1.3 | −18 54 | 6.37 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | A | B8 |
| 7242 | C. Aust. | δ | 13061 | 6716 | 26162 | 1.3 | −40 39 | 4.66 | .. | .. | .. | .. | 25 | 21 | 04 | 00 | .. | 31 | .. | .. | 14 | .. | 18 | 21. | K | K0 |
| 7243 | Aquila | R | 3970 | .. | .. | 1.6 | + 8 5 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md | Md |
| 7244 | Lyra | — | 3472 | .. | .. | 1.9 | +29 46 | 6.62 | .. | .. | 16 | .. | .. | .. | 15 | .. | .. | .. | .. | 17d | .. | .. | .. | .. | Ma | K5 |
| 7245 | Aquila | — | 4106 | .. | .. | 2.1 | + 0 30 | 6.44 | .. | .. | 04 | .. | .. | .. | 03 | .. | .. | .. | .. | 39b | .. | .. | .. | .. | A | B9 |
| 7246 | Sagitt. | — | 15041 | 6724 | 26182 | 2.1 | −24 49 | 6.24 | .. | .. | .. | .. | 18 | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | 38 | A | B9 |
| 7247 | Draco | — | 712 | .. | .. | 2.2 | +76 55 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23b | .. | .. | .. | 03 | F | F0 |
| 7248 | Aquila | Y 18 | 3787 | 3264 | .. | 2.3 | +10 55 | 5.10 | 04 | .. | .. | 10 | .. | .. | .. | .. | 10 | .. | 10 | 21a | .. | .. | 00 | 62 | B8 | B8 |
| 7249 | Sagitt. | — | 5312 | 3263 | 26187 | 2.4 | −19 27 | 5.41 | 09 | .. | 18 | 01 | .. | 24 | .. | 04 | .. | .. | .. | .. | .. | .. | 01 | 02 | B3 | B3 |
| 7250 | Vulpec. | — | 3640 | 3265 | .. | 2.5 | +24 6 | 5.72 | 10 | .. | .. | 17 | .. | 08 | .. | .. | .. | .. | 29 | 24b | .. | 23 | 15 | 02 | A | A5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**19h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7251 | Draco | 51 | 2178 | 3268 | .. | 2.6 | +53 14 | 5.35 | 02 | .. | .. | .. | .. | 07 | 10 | .. | 20 | .. | 05 | 25a | .. | .. | 10 | 10 | A | A0 |
| 7252 | Draco | — | 2929 | .. | .. | 2.6 | +49 47 | 6.55 | .. | .. | 07 | .. | .. | .. | 07 | .. | .. | .. | .. | 02d | .. | .. | .. | .. | A 2 | K5 |
| 7253 | Lyra | — | 3193 | 3267 | .. | 2.7 | +28 28 | 5.46 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 02 | 29b | .. | .. | 14 | 24 | A | A5 |
| 7254 | C. Aust. | α | 13350 | 6727 | 26189 | 2.7 | −38 4 | 4.12 | .. | 28 | .. | .. | 10 | 06 | 04 | 29 | .. | 01 | .. | .. | 48 | .. | 10 | 4. | A 2 | A2 |
| 7255 | C. Aust. | — | 13074 | 6728 | 26191 | 2.7 | −39 59 | 6.42 | .. | .. | .. | .. | 04 | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 11. | K | K0 |
| 7256 | Sagitt. | — | 13355 | .. | 26202 | 2.9 | −36 20 | 6.58 | .. | .. | .. | .. | .. | .. | 19 | 18 | .. | .. | .. | .. | .. | .. | .. | 2. | A | B9 |
| 7257 | C. Aust. | — | 13933 | 6731 | 26198 | 3.0 | −42 3 | 5.86 | .. | .. | .. | .. | 06 | 02 | 23 | 21 | .. | .. | .. | .. | .. | .. | 04 | 2. | B 5 | B5 |
| 7258 | Lyra | — | 3232 | 3269 | .. | 3.1 | +41 16 | 6.15 | 15 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | 06 | 61b | .. | .. | 15 | 00 | A | B3 |
| 7259 | C. Aust. | β | 13146 | 6732 | 26206 | 3.1 | −39 30 | 4.16 | .. | 22 | .. | .. | 17 | 18 | 16 | 03 | .. | 05 | .. | .. | 39 | .. | 11 | 24. | G 5 | K5 |
| 7260 | Aquila | — | 3752 | 3266 | .. | 3.5 | +16 43 | 5.99 | 05 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 03 | 01c | .. | .. | 04 | 36 | F | F5 |
| 7261 | Lyra | 17 | 3326 | 3271 | .. | 3.6 | +32 21 | 5.04 | 10 | .. | .. | .. | .. | 09 | .. | .. | 06 | .. | 07 | 37b | .. | .. | 11 | 43 | F | F0 |
| 7262 | Lyra | ι 18 | 3485 | 3272 | .. | 3.7 | +35 57 | 5.13 | 04 | .. | .. | .. | .. | 05 | 08 | .. | 13 | .. | 18 | 28a | .. | 29 | 17 | 08 | B 5 | B5 |
| 7263 | Vulpec. | — | 3672 | 3273 | .. | 3.7 | +21 32 | 6.16 | 01 | .. | .. | .. | .. | 00 | .. | .. | .. | .. | 10 | 31b | .. | .. | 09 | 33 | F | F2 |
| 7264 | Sagitt. | π 41 | 5275 | 3270 | 26225 | 3.8 | −21 11 | 3.02 | 09 | .. | .. | 19 | .. | 09 | .. | .. | 08 | 02 | .. | .. | .. | .. | 08 | 73 | F 2 | F2 |
| 7265 | Sagitt. | — | 5415 | .. | 26228 | 3.9 | −19 58 | 6.33 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10. | K | K0 |
| 7266 | Aquila | 19 | 4040 | 3274 | .. | 4.1 | + 5 55 | 5.37 | 09 | .. | .. | 14 | .. | 03 | 02 | .. | 04 | .. | 07 | 05c | .. | .. | 07 | 27 | A 5 | F2 |
| 7267 | Aquila | — | 3758 | .. | .. | 4.2 | +16 42 | 6.46 | .. | .. | .. | .. | .. | 04 | 03 | .. | .. | .. | .. | 40c | .. | .. | .. | .. | F 2 | F5 |
| 7268 | Sagitt. | — | 13156 | .. | 26229 | 4.2 | −39 10 | 6.24 | .. | .. | .. | .. | .. | .. | 30 | 31 | .. | .. | .. | .. | .. | .. | .. | 7. | B 8 | B8 |
| 7269 | Aquila | — | 3662 | .. | 26256 | 4.7 | − 0 36 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 38 | A | B8 |
| 7270 | Sagitt. | — | 15804 | 6743 | 26254 | 5.0 | −29 40 | 6.25 | .. | .. | .. | .. | 13 | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | 4. | A | B9 |
| 7271 | Telesc. | — | 12377 | .. | 26246 | 5.0 | −50 39 | 6.17 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 09 | 8. | G 5 | K0 |
| 7272 | Lyra | — | 3439 | 3276 | .. | 5.4 | +34 26 | 6.54 | 06 | .. | 22 | .. | .. | 16 | .. | .. | .. | .. | 06 | 50b | .. | .. | .. | .. | K 5 | K5 |
| 7273 | C. Aust. | — | 13090 | .. | 26261 | 5.4 | −37 45 | 6.54 | .. | .. | .. | .. | .. | .. | 07 | 06 | .. | .. | .. | .. | .. | .. | .. | 11. | K | K5 |
| 7274 | Pavo | τ | 2962 | .. | 26244 | 5.7 | −69 22 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 35 | .. | 34 | 1. | A 5 | A3 |
| 7275 | Cygnus | — | 2350 | .. | .. | 6.1 | +52 16 | 5.93 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25d | .. | .. | .. | 98 | K | K0 |
| 7276 | Sagitt. | — | 5292 | .. | 26296 | 6.5 | −21 50 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 00 | K | K0 |
| 7277 | Sagitt. | — | 13936 | .. | 26309 | 7.0 | −26 5 | 5.86 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 17 | K | K0 |
| 7278 | Pavo | — | 3417 | 6754 | 26287 | 7.1 | −66 50 | 5.57 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | 01 | 4. | A 2 | A2 |
| 7279 | Aquila | 20 | 4887 | 3277 | 26317 | 7.3 | − 8 7 | 5.37 | 07 | .. | .. | .. | 13 | 17 | 10 | .. | 07 | .. | 05 | .. | .. | .. | 07 | 06 | B 3 | B3 |
| 7280 | Lyra | — | 3474 | .. | .. | 7.4 | +26 34 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28b | .. | .. | .. | 17 | F | F5 |
| 7281 | C. Aust. | — | 13054 | 6757 | 26311 | 7.4 | −45 22 | 5.98 | .. | .. | .. | .. | 10 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | 02 | 15. | K | K0 |
| 7282 | Sagitt. | — | 5311 | 3278 | 26322 | 7.7 | −12 27 | 5.62 | 14 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | K | K0 |
| 7283 | Lyra | 19 | 3497 | 3282 | .. | 7.9 | +31 7 | 5.77 | 03 | .. | .. | .. | .. | 03 | .. | .. | 47 | .. | 03 | 35a | .. | .. | 07 | 08 | A | A0 |
| 7284 | Lyra | — | 3620 | .. | .. | 8.1 | +40 16 | 6.12 | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | 27b | .. | .. | .. | 34 | A | A0 |
| 7285 | Aquila | — | 3775 | .. | .. | 8.1 | +16 40 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 54a | .. | .. | .. | 24 | A | B9 |
| 7286 | Vulpec. | — | 3690 | 3283 | .. | 8.3 | +21 23 | 5.90 | 12 | .. | .. | .. | .. | 13 | 24 | .. | .. | .. | 22 | 45b | .. | .. | 10 | 00 | A | A0 |
| 7287 | Aquila | 21 | 3824 | 3284 | .. | 8.7 | + 2 7 | 5.10 | 12 | .. | .. | .. | .. | 06 | 07 | .. | 50 | .. | 06 | 30b | .. | 26 | 20 | 08 | A | B8 |
| 7288 | Aquila | — | 4081 | 3285 | .. | 8.8 | + 5 20 | 6.34 | 00 | .. | .. | 07 | .. | 04 | 01 | .. | .. | .. | .. | 40b | .. | .. | 04 | .. | A | A2 |
| 7289 | Telesc. | — | 13072 | 6767 | 26355 | 9.1 | −45 39 | 5.32 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | 23 | .. | 00 | 21. | K | K0 |
| 7290 | Draco | 55 | 1326 | .. | .. | 9.4 | +65 49 | 6.19 | .. | .. | 03 | .. | .. | 05 | 09 | .. | 84 | .. | .. | 38b | .. | .. | .. | 26 | A | A2 |
| 7291 | Sagitt. | — | 15161 | 3286 | 26373 | 9.4 | −24 21 | 6.22 | 20 | .. | .. | 03 | .. | 02 | 15 | .. | .. | .. | .. | .. | .. | .. | 03 | 30 | F | F8 |
| 7292 | Sagitt. | ψ 42 | 13866 | 3287 | 26371 | 9.4 | −25 26 | 4.93 | 26 | .. | .. | 24 | .. | 02 | .. | .. | 17 | .. | .. | .. | .. | 03 | 32 | 11 | F 5 | F5 |
| 7293 | Cygnus | — | 2959 | 3288 | .. | 9.5 | +49 39 | 6.84 | 17 | .. | 20 | .. | .. | 03 | 07 | .. | .. | .. | 05 | 32b | .. | .. | 17 | 39 | K | K0 |
| 7294 | Cygnus | | | | .. | 9.5 | +49 39 | 6.62 | | | | | | | | | | | | 30b | | | | | | |
| 7295 | Draco | 53 | 2209 | 3289 | .. | 9.7 | +56 41 | 5.24 | 05 | .. | .. | .. | .. | 09 | 04 | .. | 04 | .. | 02 | 14d | .. | .. | 04 | 105 | K | K0 |
| 7296 | Sagitt. | RY | 14076 | .. | 26384 | 10.0 | −33 42 | var. | .. | .. | .. | .. | .. | .. | .. | V | .. | .. | .. | .. | .. | .. | .. | .. | Pec. | |
| 7297 | Telesc. | — | 9513 | .. | 26377 | 10.2 | −53 34 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | F 8 | F5 |
| 7298 | Lyra | η 20 | 3490 | 3291 | .. | 10.4 | +38 58 | 4.46 | 01 | .. | .. | .. | .. | 16 | 15 | .. | 03 | .. | 22 | 22a | .. | .. | 04 | 06 | B 3 | B3 |
| 7299 | Vulpec. | — | 3956 | 3292 | .. | 10.7 | +20 2 | 6.14 | 02 | .. | 21 | .. | .. | 04 | 17 | .. | .. | .. | .. | 15c | .. | .. | 09 | 07 | F | F5 |
| 7300 | Aquila | — | 3846 | 3293 | .. | 10.8 | +14 54 | 5.69 | 15 | .. | 10 | 15 | .. | 09 | .. | .. | .. | .. | 03 | 05d | .. | .. | 24 | 65 | G | G0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**19h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7301 | Sagitta | 1 | *4088* | 3294 | .. | 11.0 | +21 3 | 5.62 | 16 | .. | .. | .. | .. | *15* | .. | .. | *12* | .. | 22 | 31b | .. | .. | 13 | *03* | A 5 | A5 |
| 7302 | Lyra | — | 3491 | 3297 | .. | 11.5 | +30 21 | 6.13 | 10 | .. | .. | .. | .. | *10* | .. | .. | .. | .. | .. | *18*e | .. | .. | *08* | 79 | K | Ma |
| 7303 | Aquila | 22 | 4045 | 3295 | .. | 11.6 | + 4 40 | 5.40 | 03 | .. | .. | *13* | .. | 09 | .. | .. | 10 | .. | *11* | 35b | .. | .. | 00 | 17 | A | A2 |
| 7304 | Sagitt. | d 43 | 5379 | 3296 | 26414 | 11.8 | −19 8 | 5.03 | *13* | .. | 06 | .. | .. | 05 | 03 | .. | *03* | *28* | .. | .. | .. | .. | *08* | 73 | K 5 | K0 |
| 7305 | Lyra | — | 3313 | 3299 | .. | 11.9 | +27 17 | 6.26 | 00 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | *19* | 57b | .. | .. | *06* | *13* | A | B9 |
| 7306 | Vulpec. | 1 | 3713 | 3300 | .. | 11.9 | +21 13 | 4.60 | 07 | .. | .. | .. | .. | *08* | .. | .. | 50 | .. | 23 | 38b | .. | .. | 15 | 21 | B 5 | B5 |
| 7307 | Aquila | — | 3852 | 3298 | .. | 11.9 | +14 23 | 5.46 | *09* | .. | .. | 01 | .. | 07 | .. | .. | .. | .. | *04* | 44b | .. | .. | *06* | 15 | A | A0 |
| 7308 | Lyra | — | 3314 | 3301 | .. | 12.0 | +27 45 | 6.06 | 10 | .. | .. | .. | .. | *11* | R | .. | .. | .. | 05 | 30c | .. | .. | 14 | 13 | F | F8p |
| 7309 | Draco | 54 | 1968 | 3302 | .. | 12.1 | +57 32 | 5.26 | 00 | .. | .. | .. | .. | 00 | .. | .. | 04 | .. | *15* | *05*d | .. | .. | *31* | 97 | K | K0 |
| 7310 | Draco | δ 57 | 1129 | 3307 | .. | 12.5 | +67 29 | 3.24 | *03* | *05* | .. | .. | .. | 07 | 01 | .. | *14* | .. | *28* | 08d | .. | 00 | 06 | 145 | K | K0 |
| 7311 | Cygnus | — | 2968 | .. | .. | 12.7 | +49 55 | 6.34 | .. | .. | 08 | .. | .. | .. | *08* | .. | .. | .. | .. | 21c | .. | .. | .. | .. | G | G5 |
| 7312 | Draco | 59 | 717 | 3313 | .. | 12.8 | +76 24 | 5.06 | *14* | .. | .. | .. | .. | 02 | 12 | .. | 44 | .. | 11 | 22c | .. | .. | 22 | 39 | F | F0 |
| 7313 | Aquila | — | 3960 | 3303 | .. | 12.8 | + 1 52 | 6.12 | 10 | .. | .. | .. | .. | *10* | .. | .. | .. | .. | 07 | 30b | .. | .. | 08 | *15* | A | A0 |
| 7314 | Lyra | θ 21 | 3398 | 3304 | .. | 12.9 | +37 57 | 4.46 | *12* | .. | .. | .. | .. | 12 | .. | .. | *21* | .. | 18 | 06d | .. | .. | *21* | 121 | K | K0 |
| 7315 | Aquila | ω¹ 25 | 3790 | 3305 | .. | 13.1 | +11 25 | 5.14 | *01* | .. | .. | 09 | .. | *08* | .. | .. | 86 | .. | 21 | 27b | .. | .. | *04* | 38 | A | A5 |
| 7316 | Sagitt. | — | 13393 | *6783* | 26444 | 13.1 | −35 36 | 5.61 | .. | *34* | .. | .. | 17 | *06* | *02* | 23 | .. | .. | .. | .. | .. | 03 | 16 | 6. | B 5 | B5 |
| 7317 | Sagitt. | — | 5310 | .. | 26446 | 13.3 | −15 42 | 6.28 | .. | .. | 09 | .. | .. | *03* | *07* | .. | .. | .. | .. | .. | .. | .. | .. | *03* | A | K2 |
| 7318 | Vulpec. | 2 | 3648 | 3308 | .. | 13.5 | +22 51 | 5.40 | 15 | .. | .. | .. | .. | *16* | .. | .. | *70* | .. | *14* | 28b | .. | .. | 20 | *01* | B | B0 |
| 7319 | Aquila | 23 | 4168 | 3306 | .. | 13.5 | + 0 55 | 5.32 | 09 | .. | .. | .. | .. | *08* | .. | .. | 01 | .. | *03* | *08*d | .. | .. | 08 | 80 | K | K0 |
| 7320 | Pavo | — | 3218 | .. | 26432 | 13.6 | −68 34 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15 | .. | .. | 11. | K | K0 |
| 7321 | Aquila | 24 | 4170 | 3309 | .. | 13.8 | + 0 10 | 6.52 | 07 | .. | 19 | .. | .. | *25* | .. | .. | *37* | .. | 11 | 03c | .. | .. | *07* | .. | F | |
| 7322 | Cygnus | — | 2658 | 3311 | .. | 14.0 | +46 49 | 6.04 | 03 | .. | .. | .. | .. | *04* | .. | .. | .. | .. | *11* | 18c | .. | .. | *04* | 77 | F | F5 |
| 7323 | Sagitt. | — | 15071 | .. | 26459 | 14.0 | −32 0 | 6.59 | .. | .. | .. | .. | .. | .. | 11 | *11* | .. | .. | .. | .. | .. | .. | .. | 16. | K | K5 |
| 7324 | Lyra | — | 3502 | .. | .. | 14.1 | +30 50 | 6.48 | .. | .. | 08 | .. | .. | .. | *08* | .. | .. | .. | .. | 38b | .. | .. | .. | *20* | A | A0 |
| 7325 | Aquila | — | 4057 | 3310 | .. | 14.1 | + 9 27 | 6.38 | *06* | .. | 14 | 06 | .. | *14* | .. | .. | .. | .. | .. | 18c | .. | .. | *08* | .. | K | K0 |
| 7326 | Sagitta | U | 3975 | .. | .. | 14.4 | +19 26 | var. | .. | .. | v | .. | .. | .. | v | .. | .. | .. | .. | va | .. | .. | .. | v | A | B9 |
| 7327 | Sagitt. | — | 5063 | 3312 | 26474 | 14.6 | −22 36 | 5.55 | 11 | .. | .. | *05* | .. | *06* | .. | .. | .. | .. | .. | .. | .. | .. | 40 | *50* | F | A5 |
| 7328 | Cygnus | κ 1 | 2216 | 3316 | .. | 14.8 | +53 11 | 3.98 | *04* | .. | .. | 09 | .. | *01* | *04* | .. | *16* | .. | *15* | *03*d | .. | .. | *08* | 96 | K | K0 |
| 7329 | Telesc. | η | 9339 | *6792* | 26462 | 14.8 | −54 36 | 5.16 | .. | .. | .. | .. | *13* | .. | .. | 13 | .. | .. | .. | .. | .. | .. | *16* | 4. | A | A0 |
| 7330 | Sagitt. | — | 13422 | *6793* | 26476 | 14.9 | −35 10 | 6.45 | .. | .. | .. | .. | *01* | .. | *03* | 03 | .. | .. | .. | .. | .. | .. | .. | 6. | G 5 | G5 |
| 7331 | Aquila | A 28 | 3879 | 3314 | .. | 15.0 | +12 12 | 5.42 | *02* | .. | .. | 11 | .. | *08* | .. | .. | *02* | .. | 13 | 28b | .. | .. | 28 | 10 | A | F0 |
| 7332 | Aquila | ω² 29 | 3802 | .. | .. | 15.2 | +11 21 | 6.02 | .. | .. | .. | 06 | .. | *10* | 05 | .. | 08 | .. | .. | 32b | .. | .. | .. | 00 | A | A2 |
| 7333 | Aquila | f 26 | 4936 | 3315 | 26492 | 15.2 | − 5 36 | 5.10 | 12 | .. | *08* | .. | *10* | 05 | 00 | .. | 15 | .. | 11 | .. | .. | .. | 10 | 103 | G | G5 |
| 7334 | Sagitt. | — | 14133 | .. | 26479 | 15.2 | −42 12 | 6.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K | K0 |
| 7335 | Lyra | — | 3409 | .. | .. | 15.3 | +33 13 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 48a | .. | .. | .. | *28* | A | B3 |
| 7336 | Aquila | d 27 | 3716 | 3317 | 26497 | 15.4 | − 1 4 | 5.46 | 15 | .. | .. | .. | .. | *12* | *04* | .. | *01* | .. | 28 | .. | .. | .. | 06 | 17 | A | B9 |
| 7337 | Sagitt. | β¹ | 13277 | *6797* | 26485 | 15.4 | −44 39 | 4.24 | .. | .. | .. | .. | *14* | 12 | *02* | 03 | .. | *29* | .. | .. | *24* | .. | *19* | 8. | B 8 | B8 |
| 7338 | Lyra | — | 3413 | 3320 | .. | 15.5 | +37 16 | 6.19 | *06* | .. | .. | 05 | .. | 01 | .. | .. | .. | .. | .. | 27a | .. | .. | *09* | *14* | A | A0 |
| 7339 | Sagitt. | — | 5412 | .. | 26505 | 15.8 | −19 25 | 6.38 | .. | .. | *04* | .. | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | *93* | A | B8 |
| 7340 | Sagitt. | ρ¹ 44 | 5322 | 3319 | 26508 | 15.9 | −18 2 | 3.95 | *02* | .. | .. | .. | .. | 02 | .. | .. | 15 | 36 | .. | .. | .. | .. | *05* | 84 | F | A5 |
| 7341 | Cygnus | — | 2977 | .. | .. | 16.0 | +49 23 | 6.26 | .. | .. | 11 | .. | .. | .. | *12* | .. | .. | .. | .. | 22d | .. | .. | .. | .. | G | K0 |
| 7342 | Sagitt. | υ 46 | 5283 | 3321 | 26510 | 16.0 | −16 8 | 4.58 | 09 | .. | .. | .. | .. | 04 | *14* | .. | 32 | 09 | .. | .. | .. | .. | 20 | 61 | B 8 p | B8p Comp |
| 7343 | Sagitt. | β² | *13171* | *6803* | 26500 | 16.0 | −44 59 | 4.51 | .. | .. | .. | .. | *16* | 21 | 00 | *06* | .. | 00 | .. | .. | *41* | .. | *09* | 14. | F | F0 |
| 7344 | Sagitt. | ρ² 45 | 5325 | 3322 | 26509 | 16.1 | −18 29 | 6.02 | 04 | .. | .. | .. | .. | *03* | .. | .. | *07* | .. | .. | .. | .. | .. | 03 | 25 | K | K0 |
| 7345 | Lyra | — | 3417 | 3323 | .. | 16.2 | +37 9 | 6.36 | 04 | .. | .. | .. | .. | *03* | .. | .. | .. | .. | *26* | *01*b | .. | .. | 04 | 86 | F | G5 |
| 7346 | Lyra | — | *3503* | 3324 | .. | 16.9 | +35 0 | 6.29 | *15* | .. | 18 | .. | .. | *02* | .. | .. | .. | .. | *31* | 22b | .. | .. | *34* | *46* | A | B8 |
| 7347 | Aquila | — | 4950 | .. | 26540 | 17.0 | − 8 23 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | B5 |
| 7348 | Sagitt. | α | 13245 | *6805* | 26527 | 17.0 | −40 48 | 4.11 | .. | .. | .. | .. | 02 | *01* | *16* | 15 | .. | *08* | .. | .. | 09 | .. | *09* | 0. | B 8 | B8 |
| 7349 | Aquila | — | 3725 | 3325 | 26554 | 17.2 | − 0 26 | 5.95 | 06 | .. | .. | .. | .. | *06* | .. | .. | .. | .. | *09* | .. | .. | .. | *05* | .. | G | K0 |
| 7350 | Sagitt. | — | 13352 | .. | 26532 | 17.2 | −43 55 | 6.08 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | Ma | Ma |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**19h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7351 | Cygnus | — | 2123 | .. | .. | 17.4 | +54 12 | 6.24 | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | .. | 34b | .. | .. | .. | 10 | A | A0 |
| 7352 | Draco | τ 60 | 857 | 3328 | .. | 17.5 | +73 10 | 4.63 | 09 | 01 | .. | .. | .. | 04 | 03 | .. | 17 | .. | 01 | 21d | .. | 07 | 09 | 99 | K | K0 |
| 7353 | Aquila | — | 4942 | .. | 26563 | 17.7 | − 7 35 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G5 | K0 |
| 7354 | Aquila | — | 4081 | 3327 | .. | 18.0 | + 9 43 | 6.25 | 07 | .. | 16 | 20 | .. | 10 | .. | .. | .. | .. | .. | 37b | .. | .. | 05 | .. | F5 | F8 |
| 7355 | Sagitt. | — | 15767 | 3326 | 26570 | 18.3 | −28 3 | 5.94 | 04 | .. | .. | 20 | .. | 02 | 02 | 23 | .. | .. | .. | .. | .. | .. | 09 | 12 | G | B3 |
| 7356 | Draco | — | 1986 | 3334 | .. | 18.4 | +57 28 | 6.10 | 09 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 25 | 05d | .. | .. | R | .. | K | K0a |
| 7357 | Aquila | — | 3896 | .. | .. | 18.6 | +14 44 | 6.56 | .. | .. | 08 | .. | .. | .. | 07 | .. | .. | .. | .. | 39b | .. | .. | .. | 37 | A | A3 |
| 7358 | Vulpec. | 3 | 3811 | 3329 | .. | 18.7 | +26 4 | 4.92 | 09 | .. | .. | .. | .. | 09 | .. | .. | 28 | .. | 13 | 41a | .. | .. | 08 | 13 | B5 | B5 |
| 7359 | Lyra | — | 3434 | 3330 | .. | 18.8 | +33 19 | 6.30 | 04 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 17 | 05c | .. | .. | 00 | 09 | K | K0 |
| 7360 | Sagitt. | — | 16104 | .. | 26582 | 18.8 | −29 30 | 6.09 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 01 | 16. | K | K0 |
| 7361 | Draco | — | 1344 | 3336 | .. | 19.0 | +64 13 | 6.33 | 08 | .. | 13 | .. | .. | 14 | 08 | .. | .. | .. | 13 | 53b | .. | .. | 13 | 33 | A | B9 |
| 7362 | Sagitt. | χ¹ 47 | 15303 | 3331 | 26592 | 19.2 | −24 42 | 5.01 | 10 | .. | .. | 13 | 07 | 09 | .. | 03 | 14 | .. | .. | .. | .. | .. | 09 | 35 | A5 | A5 |
| 7363 | Sagitt. | χ³ 49 | 15307 | 3332 | 26601 | 19.4 | −24 9 | 5.56 | 31 | .. | .. | 07 | .. | 10 | .. | 13 | 44 | .. | .. | .. | .. | .. | 19 | 26 | K | K2 |
| 7364 | Vulpec. | — | 4000 | .. | .. | 19.5 | +20 4 | 6.47 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 21b | .. | .. | .. | 48 | A | A0 |
| 7365 | Draco | — | 1993 | 3335 | .. | 19.6 | +57 33 | 6.50 | 23 | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | 00 | 28d | .. | .. | R | .. | K | K2 |
| 7366 | Aquila | — | 4964 | .. | 26609 | 19.7 | − 5 5 | 6.46 | .. | .. | 09 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | F0 |
| 7367 | Sagitt. | — | 5428 | 3333 | 26606 | 19.7 | −14 6 | 5.81 | 04 | .. | 08 | .. | .. | 05 | 01 | R | .. | .. | .. | .. | .. | .. | 09 | .. | K | K0 |
| 7368 | Lyra | — | 3411 | .. | .. | 19.8 | +33 1 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 07c | .. | .. | .. | 16 | K | K0 |
| 7369 | Sagitta | 2 | 3839 | 3337 | .. | 19.8 | +16 45 | 6.03 | 01 | .. | .. | .. | .. | 01 | .. | .. | 03 | .. | 02 | 19b | .. | .. | R | 05 | A | A0 |
| 7370 | Telesc. | — | 9371 | 6814 | 26593 | 19.8 | −54 32 | 5.56 | .. | .. | .. | .. | 13 | .. | .. | 12 | .. | .. | .. | .. | .. | .. | 04 | 16. | K2 | K2 |
| 7371 | Draco | π 58 | 1345 | 3345 | .. | 20.2 | +65 31 | 4.63 | 08 | .. | .. | .. | .. | 08 | .. | .. | 03 | .. | 21 | 17b | .. | 18 | 02 | 16 | A2 | A2 |
| 7372 | Cygnus | 2 | 3584 | 3342 | .. | 20.2 | +29 26 | 4.86 | 07 | .. | .. | .. | .. | 06 | 00 | .. | 09 | .. | 24 | 24a | .. | .. | 11 | 01 | B2 | B3 |
| 7373 | Aquila | b 31 | 3833 | 3340 | .. | 20.2 | +11 44 | 5.23 | 07 | .. | .. | 13 | .. | 07 | .. | .. | 37 | .. | 10 | 09c | .. | .. | 23 | 79 | G5 | G5 |
| 7374 | Cygnus | — | 3379 | .. | .. | 20.4 | +27 53 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 51a | .. | .. | .. | 15 | A | B8 |
| 7375 | Sagitt. | 50 | 5105 | 3339 | 26613 | 20.4 | −21 58 | 5.56 | 02 | .. | .. | 15 | .. | 07 | .. | 12 | 26 | .. | .. | .. | .. | .. | 06 | 20 | K | K0 |
| 7376 | Lyra | — | 3539 | .. | .. | 20.5 | +36 15 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 21c | .. | .. | .. | .. | K | K0 |
| 7377 | Aquila | δ 30 | 3879 | 3343 | .. | 20.5 | + 2 55 | 3.44 | 02 | .. | .. | 02 | .. | 05 | .. | .. | 19 | 09 | 08 | 30b | .. | .. | 24 | 59 | F | F0 |
| 7378 | Sagitt. | — | 5348 | 3341 | 26619 | 20.5 | −15 15 | 5.68 | 00 | .. | 12 | .. | .. | 22 | 01 | 09 | .. | .. | .. | .. | .. | .. | 03 | 23 | B8 | B8 |
| 7379 | Sagitt. | — | 5435 | .. | 26628 | 20.7 | −14 45 | 6.64 | .. | .. | 17 | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | A | A0 |
| 7380 | Sagitt. | — | 16140 | 3344 | 26618 | 20.7 | −29 56 | 5.68 | 14 | .. | .. | 17 | 07 | 18 | 07 | 20 | .. | .. | .. | .. | .. | .. | 17 | 4. | A | |
| 7381 | Cygnus | — | 2994 | .. | .. | 20.8 | +50 5 | 6.31 | .. | .. | 11 | .. | .. | .. | 11 | .. | .. | .. | .. | 53a | .. | .. | .. | 03 | A | B9 |
| 7382 | Lyra | — | 3229 | 3346 | .. | 20.8 | +43 12 | 5.95 | 05 | .. | .. | .. | .. | 05 | 00 | .. | .. | .. | 16 | 03d | .. | .. | 05 | 87 | G | G5 |
| 7383 | Pavo | — | 3251 | .. | 26604 | 20.8 | −68 38 | 5.95 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 70 | .. | 15 | 18. | K | K5 |
| 7384 | Vulpec. | — | 4009 | .. | .. | 21.1 | +20 5 | 6.36 | .. | .. | 09 | .. | .. | .. | 09 | .. | .. | .. | .. | 16b | .. | .. | .. | 37 | A | A0 |
| 7385 | Vulpec. | 4 | 4010 | 3347 | .. | 21.1 | +19 37 | 5.31 | 13 | .. | .. | 01 | .. | 12 | .. | .. | 16 | .. | 27 | 04d | .. | .. | 04 | 58 | G5 | K0 |
| 7386 | Vulpec. | 3 | 3737 | 3348 | .. | 21.3 | +24 44 | 6.17 | 18 | .. | 04 | .. | .. | 06 | 07 | .. | 17 | .. | .. | 25c | .. | .. | 17 | 07 | K | F8 |
| 7387 | Aquila | ν 32 | 4206 | 3349 | .. | 21.4 | + 0 9 | 4.86 | 06 | .. | 12 | .. | .. | 05 | .. | .. | 04 | .. | 22 | 04c | .. | .. | 16 | 78 | A8 | F0 |
| 7388 | Telesc. | — | 9096 | .. | 26633 | 21.7 | −55 38 | 6.18 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 23 | 4. | K | |
| 7389 | Aquila | — | 3907 | 3350 | .. | 21.8 | +12 49 | 5.77 | 01 | .. | .. | 07 | .. | 07 | .. | .. | .. | .. | 16 | 23b | .. | .. | 08 | 11 | F | F5 |
| 7390 | Vulpec. | 5 | 4015 | 3351 | .. | 21.9 | +19 54 | 5.58 | 18 | .. | 15 | 10 | .. | 06 | .. | .. | 23 | .. | 05 | 30a | .. | .. | 16 | 05 | A | A0 |
| 7391 | Vulpec. | — | 4017 | .. | .. | 22.1 | +19 41 | 6.04 | .. | .. | 09 | 06 | .. | 04 | .. | .. | .. | .. | .. | 00d | .. | .. | 24 | 42 | A | K5 |
| 7392 | Sagitt. | — | 13395 | 6827 | 26648 | 22.3 | −43 39 | 5.80 | .. | .. | .. | .. | 02 | 09 | 09 | 21 | .. | .. | .. | .. | .. | .. | 02 | 5. | A | A0 |
| 7393 | Telesc. | — | 9100 | .. | 26643 | 22.4 | −55 19 | 6.41 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 03 | 4. | F5 | F5 |
| 7394 | U. Min. | λ | 112 | 3426 | .. | 22.5 | +88 59 | 6.55 | 04 | .. | 04 | .. | .. | 02 | 02 | .. | .. | .. | .. | 08d | .. | .. | 22 | 85 | Ma | mb |
| 7395 | Cygnus | 4 | 3557 | 3352 | .. | 22.6 | +36 7 | 5.15 | 08 | .. | .. | .. | .. | 15 | 08 | .. | 08 | .. | 07 | 21b | .. | .. | 10 | 11 | Ap | A0p |
| 7396 | Aquila | — | 4020 | 3353 | .. | 23.0 | +14 5 | 6.26 | 09 | .. | .. | 08 | .. | 02 | .. | .. | .. | .. | 18 | 39b | .. | .. | 01 | 43 | A | B5 |
| 7397 | Aquila | — | 3892 | .. | .. | 23.4 | + 2 43 | 5.92 | .. | .. | .. | 07 | .. | 08 | .. | .. | .. | .. | .. | 20b | .. | .. | .. | .. | A | B9 |
| 7398 | Sagitt. | — | 14004 | 3355 | 26682 | 23.6 | −27 11 | 5.53 | 07 | .. | .. | 06 | .. | 13 | 22 | 09 | .. | .. | .. | .. | .. | .. | 03 | 32 | K5 | K0 |
| 7399 | Sagitt. | — | 15233 | .. | 26684 | 23.8 | −32 18 | 6.52 | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | 9. | F | F2 |
| 7400 | Aquila | c 35 | 4010 | 3356 | .. | 23.9 | + 1 45 | 5.77 | 08 | .. | .. | 14 | .. | 07 | .. | .. | 17 | .. | 32 | 37b | .. | .. | 08 | .. | A | A0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**19h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7401 | Draco | — | 1999 | .. | .. | 24.0 | +57 49 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 47a | .. | .. | .. | 03 | A | B8 |
| 7402 | Aquila | U | 4968 | .. | 26700 | 24.0 | − 7 15 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | F8p |
| 7403 | Cygnus | — | 3465 | .. | .. | 24.1 | +37 44 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 24a | .. | .. | .. | 08 | G | B2 |
| 7404 | Aquila | — | 3760 | .. | 26704 | 24.2 | + 0 2 | 6.52 | .. | .. | 11 | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K2 |
| 7405 | Vulpec. | 6 | 3759 | 3357 | .. | 24.5 | +24 28 | 4.63 | 06 | .. | .. | .. | .. | 06 | .. | .. | 47 | .. | 05 | 20e | .. | .. | 10 | 104 | Ma | Ma |
| 7406 | Vulpec. | 8 | 3761 | 3358 | .. | 24.8 | +24 33 | 5.98 | .. | .. | 01 | .. | .. | 01 | .. | .. | 08 | .. | .. | 05b | .. | .. | | .. | G5 | K0 |
| 7407 | Aquila | — | 3936 | 3359 | .. | 24.8 | +14 23 | 5.73 | 02 | .. | 06 | 06 | .. | 01 | .. | .. | .. | .. | 04 | 11d | .. | .. | 08 | 15 | K | K0 |
| 7408 | Cygnus | 7 | 2434 | 3361 | .. | 25.0 | +52 7 | 5.66 | 08 | .. | .. | .. | .. | 08 | .. | .. | 04 | .. | 29 | 40a | .. | .. | 14 | 02 | A | A0 |
| 7409 | Vulpec. | 7 | 4039 | .. | .. | 25.0 | +20 4 | 6.39 | .. | .. | 06 | 11 | .. | .. | 06 | .. | 74 | .. | .. | 35b | .. | .. | .. | 44 | A | B3 |
| 7410 | Sagitt. | — | 5410 | .. | 26724 | 25.0 | −21 31 | 6.01 | .. | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | 69 | A2 | A2 |
| 7411 | Telesc. | — | 9585 | 6844 | 26709 | 25.0 | −53 24 | 5.91 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | 11 | 8. | A5 | A5 |
| 7412 | Aquila | — | 3904 | .. | .. | 25.2 | + 2 41 | 6.38 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12e | .. | .. | .. | .. | K5 | K5 |
| 7413 | Draco | — | 1716 | .. | .. | 25.3 | +62 21 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09c | .. | .. | .. | .. | K | K5 |
| 7414 | Aquila | e 36 | 4612 | 3360 | 26737 | 25.4 | − 3 0 | 5.22 | 01 | .. | .. | .. | .. | 10 | 09 | .. | 23 | .. | 01 | .. | .. | .. | 03 | .. | K5 | K5 |
| 7415 | Aquila | — | 4043 | .. | .. | 25.5 | + 3 14 | 6.33 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 09b | .. | .. | .. | 70 | A | A0 |
| 7416 | Telesc. | — | 13296 | 6850 | 26741 | 26.1 | −45 29 | 5.87 | .. | .. | .. | .. | 15 | .. | .. | 15 | .. | .. | .. | .. | 37 | .. | 25 | 5. | A | A0p |
| 7417 | Cygnus | β 6 | 3410 | 3362 | .. | 26.7 | +27 45 | 3.24 | 11 | .. | .. | .. | .. | 11 | .. | .. | 08 | .. | 23 | 09c | .. | .. | 10 | 121 | Kp | K0 - comb |
| 7418 | Cygnus | — | 3411 | 3363 | .. | 26.7 | +27 45 | 5.36 | | | | | | | | | | | 52 | 25a | | | | | | A0 |
| 7419 | Cygnus | — | 3658 | 3364 | .. | 27.1 | +36 1 | 6.04 | 25 | .. | 08 | .. | .. | 06 | 10 | .. | .. | .. | 00 | 40a | .. | .. | 29 | 05 | A | B9 A0 |
| 7420 | Cygnus | ι 10 | 2605 | 3365 | .. | 27.2 | +51 31 | 3.94 | 05 | .. | .. | 04 | .. | 08 | .. | .. | 14 | .. | 08 | 03b | .. | .. | 04 | 28 | A2 | A2 |
| 7421 | Cygnus | — | 3573 | .. | .. | 27.2 | +26 24 | 5.96 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15c | .. | .. | .. | 39 | K | K0 |
| 7422 | Sagitt. | — | 13356 | 6856 | 26776 | 27.3 | −40 15 | 5.90 | .. | .. | .. | .. | 01 | 23 | 05 | 25 | .. | .. | .. | .. | .. | .. | 22 | 13. | A5 | A2 |
| 7423 | Draco | — | 628 | 3371 | .. | 27.8 | +79 24 | 6.00 | 06 | .. | 06 | .. | .. | 07 | 08 | .. | .. | .. | .. | 41b | .. | .. | 19 | 18 | A | A2 |
| 7424 | Telesc. | ι | 13161 | 6857 | 26780 | 27.8 | −48 19 | 5.02 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | .. | .. | .. | 08 | .. | 03 | 22. | K | K0 |
| 7425 | Cepheus | — | 552 | 3378 | .. | 27.9 | +83 16 | 6.34 | 05 | .. | 05 | .. | .. | 09 | .. | .. | .. | .. | .. | 44b | .. | .. | 01 | 17 | A | |
| 7426 | Cygnus | 8 | 3590 | 3366 | .. | 28.1 | +34 14 | 4.85 | 05 | .. | .. | .. | .. | 05 | .. | .. | 12 | .. | 10 | 03a | .. | .. | 05 | 21 | B3 | B3 |
| 7427 | Cygnus | — | 3034 | 3367 | .. | 28.7 | +50 6 | 5.73 | 01 | .. | 09 | 06 | .. | 10 | 14 | .. | .. | .. | 18 | 09d | .. | .. | 13 | 41 | K | K0 |
| 7428 | Cygnus | — | 2215 | .. | .. | 29.2 | +55 31 | 6.52 | .. | .. | 04 | .. | .. | .. | 04 | .. | .. | .. | .. | 02c | .. | .. | .. | .. | A | K2p |
| 7429 | Aquila | μ 38 | 4132 | 3368 | .. | 29.2 | + 7 10 | 4.65 | 03 | .. | .. | 06 | .. | 11 | 03 | .. | 07 | .. | 45 | 09d | .. | .. | 05 | 90 | K | K0 |
| 7430 | Aquila | 37 | 5122 | 3369 | 26824 | 29.6 | −10 47 | 5.24 | 06 | .. | 01 | .. | .. | 05 | 04 | .. | 13 | .. | 31 | .. | .. | .. | 04 | 80 | G5 | G5 |
| 7431 | Sagitt. | h¹ 51 | 15442 | 3370 | 26827 | 29.9 | −24 56 | 5.68 | 14 | .. | .. | 08 | 01 | 16 | 09 | .. | 17 | .. | .. | .. | .. | 02 | 14 | 43 | A3 | A3 |
| 7432 | Aquila | — | 4998 | .. | 26836 | 30.0 | − 7 41 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | K0 |
| 7433 | Sagitt. | — | 5461 | .. | 26831 | 30.0 | −12 28 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 7434 | Pavo | — | 7627 | .. | 26819 | 30.0 | −58 12 | 6.18 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | K5 | G5 |
| 7435 | Pavo | — | 3445 | .. | 26809 | 30.0 | −66 55 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | A | A0 |
| 7436 | Cygnus | — | 3650 | .. | .. | 30.2 | +38 34 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34b | .. | .. | .. | 25 | A | A0 |
| 7437 | Vulpec. | 9 | 4063 | 3372 | .. | 30.2 | +19 33 | 4.88 | 10 | .. | .. | .. | .. | 11 | .. | .. | 05 | .. | 24 | 32b | .. | .. | 07 | 07 | B8 | B8 |
| 7438 | Aquila | — | 3932 | .. | .. | 30.4 | + 2 42 | 6.49 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18c | .. | .. | .. | .. | F | F2 |
| 7439 | Sagitt. | — | 5521 | 3374 | 26844 | 30.6 | −19 5 | 6.14 | 06 | .. | 06 | .. | .. | 06 | 05 | .. | .. | .. | .. | .. | .. | .. | 16 | 43 | A5 | A5 |
| 7440 | Sagitt. | h² 52 | 14184 | 3373 | 26843 | 30.6 | −25 6 | 4.66 | 02 | .. | .. | 09 | 24 | 01 | 09 | 28 | 44 | .. | .. | .. | .. | .. | 39 | 06 | B9 | B9 |
| 7441 | Cygnus | 9 | 3651 | 3377 | .. | 30.9 | +29 14 | 5.42 | 01 | .. | .. | 14 | .. | 14 | .. | .. | 17 | .. | 20 | 11c | .. | .. | 08 | 44 | F | F5 - comp |
| 7442 | Cygnus | — | 2914 | 3379 | .. | 31.0 | +49 2 | 6.19 | 09 | .. | .. | .. | .. | 09 | .. | .. | .. | .. | .. | 05c | .. | .. | 27 | .. | Ma | Ma |
| 7443 | Sagitt. | — | 5432 | 3376 | 26855 | 31.2 | −18 28 | 5.87 | 17 | .. | .. | .. | .. | 03 | .. | 13 | .. | .. | .. | .. | .. | .. | 08 | .. | K | K0 |
| 7444 | Cygnus | — | 3386 | 3382 | .. | 31.4 | +42 11 | 5.29 | 05 | .. | .. | .. | .. | 04 | 01 | .. | .. | .. | 08 | 45a | .. | .. | 21 | 13 | A2 | A2 |
| 7445 | Aquila | — | 3981 | .. | .. | 31.4 | +10 55 | 6.53 | .. | .. | 10 | .. | .. | 03 | 06 | .. | .. | .. | .. | 41a | .. | .. | .. | .. | A | A2 |
| 7446 | Aquila | κ 39 | 5006 | 3380 | 26865 | 31.5 | − 7 15 | 5.04 | 11 | .. | .. | .. | .. | 12 | 08 | 17 | 04 | .. | 03 | .. | .. | .. | 09 | 16 | B | B0 |
| 7447 | Aquila | ι 41 | 3782 | 3381 | 26866 | 31.6 | − 1 31 | 4.28 | 01 | .. | .. | .. | .. | 00 | .. | .. | 12 | .. | 24 | .. | .. | 25 | 17 | 32 | B5 | B5 |
| 7448 | Draco | — | 2060 | .. | .. | 31.7 | +59 57 | 6.43 | .. | .. | 03 | .. | .. | 06 | 04 | .. | .. | .. | .. | 01d | .. | .. | .. | .. | K | K5 |
| 7449 | Aquila | — | 3974 | .. | .. | 31.7 | +14 10 | 6.47 | .. | .. | 07 | .. | .. | .. | 07 | .. | .. | .. | .. | 21c | .. | .. | .. | .. | K | K0 |
| 7450 | Draco | — | 1073 | .. | .. | 31.8 | +70 47 | 6.25 | .. | .. | 01 | .. | .. | 06 | 05 | .. | .. | .. | .. | 01d | .. | .. | .. | 22 | K | K2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHA



**19h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7451 | Cygnus | — | *2815* | 3384 | .. | 31.8 | +51 1 | 5.65 | *08* | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 01 | 28b | .. | .. | *05* | 33 | F | F5 |
| 7452 | Vulpec. | — | 3741 | .. | .. | 31.8 | +22 22 | 6.12 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 48b | .. | .. | .. | *19* | A | B9 |
| 7453 | Cygnus | — | 2870 | .. | .. | 31.9 | +47 57 | 6.70 | .. | .. | .. | .. | .. | *20* | 19 | .. | .. | .. | .. | 38a | .. | .. | .. | .. | A 5 | A5 |
| 7454 | Sagitt. | — | 5479 | 3383 | 26872 | 31.9 | −14 31 | 5.60 | 03 | .. | 03 | .. | .. | *20* | .. | 14 | .. | .. | .. | .. | .. | .. | 10 | 26 | F 8 | F8 |
| 7455 | Pavo | — | 3447 | .. | 26851 | 31.9 | −66 5 | 6.00 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 18. | K | K2 |
| 7456 | Aquila | — | *3984* | 3385 | .. | 32.1 | +11 3 | 6.16 | *13* | .. | 17 | .. | .. | *05* | .. | .. | .. | .. | 09 | 06b | .. | .. | *16* | .. | G 5 | G5 |
| 7457 | Cygnus | 11 | 3619 | 3387 | .. | 32.2 | +36 43 | 5.86 | 11 | .. | .. | .. | .. | *11* | .. | .. | *26* | .. | 13 | 39b | .. | .. | 14 | *09* | A | B9 |
| 7458 | Vulpec. | U | 4200 | .. | .. | 32.3 | +20 7 | var. | .. | .. | v | .. | .. | .. | .. | .. | .. | .. | .. | vd | .. | .. | .. | .. | K 5 | |
| 7459 | Telesc. | — | 9438 | *6886* | 26868 | 32.3 | −54 39 | 6.28 | .. | .. | .. | .. | *03* | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | 13. | K | K0 |
| 7460 | Aquila | 42 | 4861 | 3386 | 26887 | 32.5 | − 4 52 | 5.52 | 06 | .. | 00 | .. | *05* | *09* | .. | 10 | 14 | .. | 15 | .. | .. | .. | 06 | 21 | F | F2 |
| 7461 | Telesc. | — | 13354 | .. | 26875 | 32.5 | −45 31 | 6.24 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 6. | A 3 | A5 |
| 7462 | Draco | σ 61 | 1053 | 3389 | .. | 32.6 | +69 29 | 4.78 | *04* | 00 | .. | .. | .. | 03 | 03 | .. | 02 | .. | 00 | 09c | .. | 01 | 06 | 72 | G 5 | K0 |
| 7463 | Sagitta | ε 4 | 3918 | 3388 | .. | 32.8 | +16 14 | 5.67 | *03* | .. | .. | .. | .. | 03 | .. | .. | *47* | .. | 16 | 00c | .. | .. | 18 | 57 | K | K0 |
| 7464 | Sagitt. | — | 13371 | *6895* | 26890 | 33.1 | −39 40 | 6.60 | .. | .. | .. | .. | 08 | .. | *23* | 16 | .. | .. | .. | .. | .. | .. | .. | 8. | A 5 | A2 |
| 7465 | Cygnus | — | *3059* | .. | .. | 33.2 | +50 1 | 6.63 | .. | .. | 19 | *06* | .. | .. | *13* | .. | .. | .. | .. | 05c | .. | .. | .. | .. | A 5 | G5 |
| 7466 | Cygnus | — | 3670 | .. | .. | 33.2 | +29 7 | 6.26 | .. | .. | 00 | .. | .. | .. | *01* | .. | .. | .. | .. | 46a | .. | .. | .. | *31* | G | B5 |
| 7467 | Cygnus | — | 3677 | .. | .. | 33.5 | +38 10 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 41b | .. | .. | .. | *45* | A | B8 |
| 7468 | Cygnus | — | 3185 | 3392 | .. | 33.6 | +44 29 | 5.16 | 08 | .. | .. | .. | .. | *09* | .. | .. | .. | .. | 28 | 29d | .. | .. | 09 | 65 | K | G5 |
| 7469 | Cygnus | θ 13 | 3062 | 3393 | .. | 33.8 | +49 59 | 4.64 | 01 | .. | 23 | 06 | .. | *16* | *16* | .. | *08* | .. | 26 | *04*b | .. | .. | 38 | 44 | F 5 | F5 |
| 7470 | Sagitt. | 53 | 15618 | 3390 | 26915 | 33.8 | −23 40 | 6.24 | *04* | .. | .. | *01* | .. | *02* | 07 | .. | *27* | .. | .. | .. | .. | .. | *09* | *81* | A | A0 |
| 7471 | Aquila | — | 4097 | .. | .. | 33.9 | + 3 9 | 6.37 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 28b | .. | .. | .. | *69* | A | B3 |
| 7472 | Vulpec. | — | 4210 | .. | .. | 34.0 | +20 34 | 6.50 | .. | .. | 10 | .. | .. | .. | *11* | .. | .. | .. | .. | 15c | .. | .. | .. | .. | G | K0 |
| 7473 | Sagitt. | — | 15625 | 3391 | 26921 | 34.1 | −23 40 | 6.13 | 07 | .. | .. | 00 | .. | *06* | 00 | .. | .. | .. | .. | .. | .. | .. | *15* | *10* | K | K0 |
| 7474 | Aquila | σ 44 | 4225 | 3394 | .. | 34.3 | + 5 10 | 5.17 | *19* | .. | 14 | 21 | .. | *16* | .. | .. | *09* | .. | *29* | 13b | .. | 15 | *17* | 21 | B 8 | B3 |
| 7475 | Sagitta | — | 3936 | .. | .. | 34.9 | +16 21 | 6.58 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *12*d | .. | .. | .. | .. | K 5 | K5 |
| 7476 | Sagitt. | e¹ 54 | 5399 | 3396 | 26949 | 35.0 | −16 31 | 5.45 | 12 | .. | .. | .. | .. | *13* | 05 | *05* | 15 | .. | .. | .. | .. | .. | 10 | 74 | K | K0 |
| 7477 | Cygnus | — | *2922* | .. | .. | 35.1 | +49 2 | 6.50 | .. | .. | .. | 04 | .. | *03* | .. | .. | .. | .. | .. | 20c | .. | .. | .. | .. | G | K0 |
| 7478 | Cygnus | φ 12 | 3684 | 3397 | .. | 35.5 | +29 56 | 4.79 | 10 | .. | .. | *10* | .. | *01* | .. | .. | 21 | .. | 32 | *01*e | .. | .. | 01 | 87 | K | K0 |
| 7479 | Sagitta | α 5 | 4042 | 3399 | .. | 35.6 | +17 47 | 4.37 | *10* | .. | .. | .. | .. | *07* | 17 | .. | 15 | .. | 05 | 15c | .. | .. | *07* | 89 | G | G0 |
| 7480 | Aquila | 45 | 3813 | 3398 | 26965 | 35.6 | − 0 52 | 5.52 | *01* | .. | .. | .. | .. | *01* | 03 | .. | 18 | .. | *04* | .. | .. | .. | 03 | 29 | A | A0 |
| 7481 | Cygnus | — | 3547 | .. | .. | 36.0 | +33 44 | 6.12 | .. | .. | .. | .. | .. | 08 | *07* | .. | .. | .. | .. | 22a | .. | .. | .. | *19* | A | A2 |
| 7482 | Vulpec. | — | 4218 | .. | .. | 36.1 | +20 15 | 6.44 | .. | .. | 06 | .. | .. | .. | *06* | .. | .. | .. | .. | 46b | .. | .. | .. | .. | F | B0 |
| 7483 | Cygnus | 14 | 3413 | 3401 | .. | 36.2 | +42 35 | 5.39 | *10* | .. | .. | 11 | .. | *02* | .. | .. | *24* | .. | 08 | 29a | .. | .. | 01 | *10* | B 8 | B9 |
| 7484 | Cygnus | — | 2193 | 3404 | .. | 36.4 | +54 44 | 5.86 | *13* | .. | .. | .. | .. | 14 | .. | .. | .. | .. | *17* | 22b | .. | .. | *06* | 03 | F 8 | F5 |
| 7485 | Vulpec. | — | 3733 | .. | .. | 36.4 | +23 29 | 6.41 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 55b | .. | .. | .. | *18* | A | B3 |
| 7486 | Aquila | — | 4098 | 3400 | .. | 36.5 | +13 35 | 5.84 | 06 | .. | .. | 09 | .. | *10* | *03* | .. | .. | .. | 25 | 24b | .. | 27 | 06 | *48* | B 3 | B3 |
| 7487 | Cygnus | — | 2940 | .. | .. | 36.6 | +45 43 | 6.34 | .. | .. | 03 | .. | .. | .. | *02* | .. | .. | .. | .. | 00c | .. | .. | .. | .. | G | G5 |
| 7488 | Sagitta | β 6 | 4048 | 3402 | .. | 36.6 | +17 15 | 4.45 | *05* | .. | .. | 06 | .. | *01* | .. | .. | 15 | .. | 16 | 17c | .. | .. | *05* | 106 | K | K0 |
| 7489 | Sagitt. | e² 55 | 5413 | 3403 | 26989 | 36.8 | −16 22 | 5.10 | *13* | .. | .. | .. | .. | *16* | 12 | 15 | *20* | .. | .. | .. | .. | .. | *10* | 56 | A | F0 |
| 7490 | Vulpec. | — | 3767 | .. | .. | 36.9 | +22 13 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10d | .. | .. | .. | .. | K | K2 |
| 7491 | Sagitt. | — | 13322 | *6910* | 26987 | 37.0 | −37 47 | 6.16 | .. | *22* | .. | .. | 18 | *06* | *10* | 21 | .. | .. | .. | .. | .. | .. | 06 | 3. | B 8 | B8 |
| 7492 | Cygnus | — | 3419 | .. | .. | 37.5 | +42 50 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *11*d | .. | .. | .. | .. | Ma | Ma |
| 7493 | Aquila | 46 | 3954 | .. | .. | 37.5 | +11 58 | 6.26 | .. | .. | .. | A | .. | .. | .. | .. | *09* | .. | .. | 36b | .. | .. | .. | *54* | A | B9 |
| 7494 | Octans | — | 868 | *6914* | 26929 | 37.6 | −81 36 | 6.32 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | *17* | .. | .. | 13. | K | |
| 7495 | Cygnus | — | 2949 | 3407 | .. | 37.7 | +45 17 | 5.05 | 02 | .. | .. | .. | .. | *02* | .. | .. | .. | .. | 22 | 27b | .. | .. | 05 | 51 | F | F0 |
| 7496 | Sagitt. | — | 5444 | 3405 | 27016 | 37.8 | −15 42 | 5.50 | *02* | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | *02* | 00 | 15 | A | F2 |
| 7497 | Aquila | χ 47 | 3955 | 3406 | .. | 37.9 | +11 35 | 5.32 | 08 | .. | .. | *02* | .. | *08* | 00 | .. | 08 | .. | 28 | 08c | .. | .. | 18 | 37 | F 2 | F5 comp A3 |
| 7498 | Pavo | — | 2445 | *6916* | 26980 | 37.9 | −72 45 | 5.52 | .. | .. | .. | .. | *03* | .. | .. | 03 | .. | .. | .. | .. | *17* | .. | *24* | 5. | A 3 | A3 |
| 7499 | Cygnus | — | *3878* | 3408 | .. | 38.5 | +40 1 | 6.20 | *07* | .. | 02 | 07 | .. | *03* | 03 | .. | .. | .. | *18* | 30a | .. | .. | *05* | *13* | A | A0 |
| 7500 | Draco | — | 1991 | .. | .. | 38.7 | +60 16 | 6.21 | .. | .. | 25 | .. | .. | .. | *25* | .. | .. | .. | .. | 59b | .. | .. | .. | *22* | A | A2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**19h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7501 | Cygnus | — | *3447* | .. | .. | 38.8 | +29 5 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32b | .. | .. | .. | 00 | A | A5 |
| 7502 | Cygnus | — | 3531 | 3409 | .. | 38.9 | +32 11 | 5.89 | *05* | .. | .. | 08 | .. | *04* | .. | .. | .. | .. | 18 | 35b | .. | 11 | *09* | 06 | A | A2 |
| 7503 | Cygnus | 16 | 2847 | 3410 | .. | 39.1 | +50 18 | 6.26 | *02* | .. | *25* | | | 41 | *32* | .. | *06* | .. | *15* | 06b | | | | 46 | F | B0 |
| 7504 | Cygnus | c | 2848 | 3411 | .. | 39.2 | +50 17 | 6.37 | | | *04* | .. | .. | | 15 | | | | *24* | *05*b | .. | .. | .. | | | B0 |
| 7505 | Cygnus | — | 3706 | .. | .. | 39.3 | +30 26 | 6.06 | .. | .. | *10* | 13 | .. | *03* | .. | .. | .. | .. | .. | 26a | .. | .. | .. | *17* | A | B9 |
| 7506 | Vulpec. | 10 | 3933 | 3412 | .. | 39.6 | +25 32 | 5.45 | *09* | .. | .. | .. | .. | 05 | 03 | .. | *05* | .. | *25* | 19d | .. | .. | 00 | 79 | G | G5 |
| 7507 | Sagitt. | — | 15443 | *6919* | 27053 | 39.6 | −32 8 | 5.56 | .. | *16* | .. | .. | 15 | *08* | *04* | 11 | .. | .. | .. | .. | 09 | 04 | *11* | 0. | B6 | B8 Kc comp |
| 7508 | Vulpec. | — | 3654 | .. | .. | 39.8 | +26 54 | 6.56 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *21*c | .. | .. | .. | .. | K | A0 |
| 7509 | Cygnus | — | 2245 | .. | .. | 39.9 | +55 13 | 6.52 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *12*d | .. | .. | .. | .. | Mb | mb |
| 7510 | Telesc. | ν | 9290 | *6920* | 27043 | 39.9 | −56 36 | 5.52 | .. | .. | .. | .. | 08 | .. | .. | *07* | .. | .. | .. | .. | .. | .. | 03 | 7. | A5 | A5 |
| 7511 | Aquila | ψ 48 | *4059* | 3413 | .. | 40.0 | +13 3 | 6.12 | *06* | .. | .. | 08 | .. | *02* | .. | .. | *22* | .. | *06* | 42b | .. | .. | 08 | *24* | B8 | B8 |
| 7512 | Cygnus | — | 3572 | .. | .. | 40.1 | +33 55 | 5.95 | .. | .. | .. | 14 | .. | *05* | *09* | .. | .. | .. | .. | 43a | .. | .. | .. | *05* | A | A0 |
| 7513 | Pavo | — | 3680 | .. | 27040 | 40.1 | −67 3 | 6.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K | K2 |
| 7514 | Cygnus | — | 3469 | 3415 | .. | 40.4 | +41 32 | 6.04 | 03 | .. | .. | .. | .. | *04* | .. | .. | .. | .. | .. | *14*d | .. | .. | *09* | .. | K | K5 |
| 7515 | Sagitt. | f 56 | 5698 | 3414 | 27075 | 40.5 | −20 0 | 5.06 | 00 | .. | *08* | .. | .. | 15 | .. | *06* | 04 | .. | .. | .. | .. | .. | 14 | 38 | K | K0 |
| 7516 | Aquila | — | 4701 | .. | 27081 | 40.6 | − 3 7 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | B3 |
| 7517 | Cygnus | 15 | 3586 | 3417 | .. | 40.7 | +37 7 | 5.02 | 01 | .. | .. | .. | .. | *02* | .. | .. | *04* | .. | 40 | *01*d | .. | .. | *02* | 83 | K | K0 |
| 7518 | Cygnus | SU | *3460* | .. | .. | 40.8 | +29 1 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v c | .. | .. | .. | .. | F5 | F5 |
| 7519 | Aquila | υ 49 | 4210 | 3416 | .. | 40.8 | + 7 22 | 5.72 | 09 | .. | .. | 06 | .. | *15* | .. | .. | *02* | .. | 34 | 52b | .. | .. | 08 | .. | A5 | A2 |
| 7520 | Cygnus | — | 3691 | .. | .. | 40.9 | +34 10 | 6.77 | .. | .. | .. | 12 | .. | .. | *12* | .. | .. | .. | .. | *28*d | .. | .. | .. | .. | Ma | ma |
| 7521 | Telesc. | — | 9678 | .. | 27077 | 41.2 | −53 7 | 6.30 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | K5 | K0 |
| 7522 | Cygnus | — | 2057 | .. | .. | 41.3 | +57 46 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18c | .. | .. | .. | *28* | G | F8 |
| 7523 | Cygnus | — | 3866 | .. | .. | 41.4 | +40 28 | 6.44 | .. | .. | *07* | .. | .. | .. | 06 | .. | .. | .. | .. | 02d | .. | .. | .. | .. | Ma | ma |
| 7524 | Pavo | — | 3827 | .. | 27074 | 41.4 | −65 50 | 6.12 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 02 | 8. | F | A5 |
| 7525 | Aquila | γ 50 | 4043 | 3418 | .. | 41.5 | +10 22 | 2.80 | *03* | .. | .. | .. | .. | 04 | .. | .. | *15* | 08 | 01 | 28d | .. | .. | *10* | 186 | K2 | K2 |
| 7526 | Cygnus | — | 2291 | .. | .. | 41.6 | +56 47 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09c | .. | .. | .. | *07* | F | G5 |
| 7527 | Pavo | — | 6413 | *6926* | 27083 | 41.6 | −61 18 | 6.42 | .. | .. | .. | .. | 02 | .. | .. | *02* | .. | .. | .. | .. | .. | .. | *07* | 5. | B5 | B3 |
| 7528 | Cygnus | δ 18 | 3234 | 3419 | .. | 41.9 | +44 53 | 2.97 | 08 | .. | .. | .. | .. | *07* | *02* | .. | 04 | .. | *18* | 21b | .. | .. | 08 | 30 | A | A0 |
| 7529 | Cygnus | — | 3786 | .. | .. | 42.0 | +35 51 | 6.00 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 88b | .. | .. | .. | R | A | A0 |
| 7530 | Cygnus | — | 3701 | .. | .. | 42.1 | +34 46 | 6.23 | .. | .. | 09 | .. | .. | .. | *09* | .. | .. | .. | .. | 11c | .. | .. | .. | R | K | K0 |
| 7531 | Pavo | — | 7534 | *6929* | 27100 | 42.2 | −59 26 | 5.54 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | 01 | 4. | A2 | A2 |
| 7532 | Sagitt. | — | *5555* | .. | 27114 | 42.4 | −13 57 | 6.18 | .. | .. | *16* | .. | .. | *05* | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | A5 | A3 |
| 7533 | Vulpec. | — | 3877 | .. | .. | 42.5 | +24 53 | 6.60 | .. | .. | 11 | .. | .. | .. | *12* | .. | .. | .. | .. | 28b | .. | .. | .. | .. | F | F0 |
| 7534 | Cygnus | 17 | 3587 | 3420 | .. | 42.6 | +33 30 | 5.03 | 01 | .. | .. | *06* | .. | 04 | .. | .. | *08* | .. | 28 | 07c | .. | .. | *03* | 55 | F5 | F5 |
| 7535 | Cygnus | — | 3558 | .. | .. | 42.7 | +32 38 | 6.18 | .. | .. | .. | 02 | .. | *03* | .. | .. | .. | .. | .. | 16d | .. | .. | .. | .. | K | K2 |
| 7536 | Sagitta | δ 7 | 4240 | 3421 | .. | 42.9 | +18 17 | 3.78 | *06* | .. | .. | .. | .. | 07 | .. | .. | *03* | .. | 05 | 08d | .. | .. | *09* | 166 | Map | ma - comp |
| 7537 | Telesc. | — | 13103 | .. | 27115 | 42.9 | −47 48 | 6.00 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | Ma | ma |
| 7538 | Sagitt. | — | 16546 | .. | 27120 | 43.0 | −29 2 | 6.10 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 7. | F2 | F0 |
| 7539 | Vulpec. | 11 | .. | .. | .. | 43.5 | +27 4 | nov. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | — — — |
| 7540 | Vulpec. | — | 3972 | .. | .. | 43.6 | +25 8 | 6.04 | .. | .. | 07 | .. | .. | *07* | .. | .. | .. | .. | .. | 09b | .. | .. | .. | 50 | F | K0 |
| 7541 | Aquila | — | 5131 | 3422 | 27134 | 43.6 | −11 7 | 6.23 | 04 | .. | .. | .. | .. | *04* | .. | .. | .. | .. | 16 | .. | .. | .. | 07 | .. | Ma | K0 |
| 7542 | Aquila | — | 4058 | .. | .. | 43.7 | +10 26 | 6.38 | .. | .. | *05* | .. | .. | .. | 06 | .. | .. | .. | .. | 19c | .. | .. | .. | .. | F5 | G0 |
| 7543 | Cygnus | — | 3758 | .. | .. | 43.9 | +38 9 | 5.67 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 41a | .. | .. | .. | 08 | A | B9 |
| 7544 | Aquila | π 52 | 3994 | 3423 | .. | 44.0 | +11 34 | 5.70 | 00 | .. | .. | 03 | .. | *09* | 04 | .. | 20 | .. | *08* | 10c | .. | .. | *10* | 27 | A5 | F2 - comp |
| 7545 | Draco | — | *1079* | 3428 | .. | 44.4 | +69 6 | 5.90 | *13* | .. | .. | .. | .. | 10 | 03 | .. | .. | .. | *05* | 25b | .. | .. | 12 | *14* | A | A2 → A0 |
| 7546 | Sagitta | ζ 8 | 4254 | 3424 | .. | 44.5 | +18 53 | 4.95 | 00 | .. | .. | .. | .. | *05* | 04 | .. | 15 | .. | *10* | 28b | .. | .. | 05 | 08 | A | A2 |
| 7547 | Cygnus | — | 2916 | 3425 | .. | 44.6 | +47 39 | 6.24 | *04* | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 06 | *08*d | .. | .. | *14* | .. | Ma | ma |
| 7548 | Telesc. | — | 9221 | *6938* | 27144 | 44.7 | −55 13 | 6.14 | .. | .. | .. | .. | *01* | .. | .. | 01 | .. | .. | .. | .. | .. | .. | *14* | 17. | K | G5 |
| 7549 | Telesc. | — | 9222 | | 27145 | 44.7 | −55 13 | 6.73 | | | | | | | | | | | | | | | | | A2 | A2 |
| 7550 | Cygnus | — | *3727* | .. | .. | 45.0 | +35 4 | 6.52 | .. | .. | 10 | .. | .. | 01 | *10* | .. | .. | .. | .. | 44b | .. | .. | .. | .. | F2 | F5 |

1908AnHar..50....

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**19h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 7551 | Cygnus | — | 3602 | .. | .. | 45.0 | +33 12 | 6.35 | .. | .. | .. | 15 | .. | 15 | .. | .. | .. | .. | .. | 42b | .. | .. | .. | .. | B 5 |
| 7552 | Sagitt. | — | 13514 | 6940 | 27165 | 45.0 | −40 7 | 5.39 | .. | .. | .. | .. | 01 | 01 | 17 | 18 | .. | 55 | .. | .. | 06 | .. | 09 | 4. | B 9 |
| 7553 | Aquila | 51 | 5149 | 3427 | 27177 | 45.3 | −11 1 | 5.55 | 00 | .. | .. | .. | .. | 02 | .. | 01 | 10 | .. | 06 | .. | .. | .. | 03 | 19 | A |
| 7554 | Aquila | — | 4252 | .. | .. | 45.5 | + 7 39 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 39b | .. | .. | .. | .. | B 8 |
| 7555 | Cygnus | — | 3772 | .. | .. | 45.9 | +38 28 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03c | .. | .. | .. | .. | G |
| 7556 | Cygnus | — | 3493 | .. | .. | 45.9 | +28 12 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 44a | .. | .. | .. | 03 | A |
| 7557 | Aquila | α 53 | 4236 | 3429 | .. | 45.9 | + 8 36 | 0.89 | 08 | .. | .. | 06 | .. | 15 | .. | .. | 51 | 25 | 15 | 23b | .. | .. | 04 | R | A 5 |
| 7558 | Pavo | — | 6426 | 6945 | 27174 | 45.9 | −61 25 | 6.32 | .. | .. | .. | .. | 15 | .. | .. | 15 | .. | .. | .. | .. | .. | .. | 27 | 2. | A 3 |
| 7559 | Aquila | — | 5133 | 3430 | 27194 | 46.0 | − 2 43 | 6.36 | 02 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 06 | .. | .. | .. | 16 | .. | K |
| 7560 | Aquila | o 54 | 4073 | 3432 | .. | 46.2 | +10 10 | 5.22 | 03 | .. | 15 | 03 | .. | 12 | 04 | .. | 05 | .. | 09 | 04b | .. | .. | 02 | 54 | F 5 |
| 7561 | Sagitt. | 57 | 5631 | 3431 | 27200 | 46.4 | −19 18 | 5.99 | 20 | .. | 15 | .. | .. | 09 | 04 | R | 21 | .. | .. | .. | .. | .. | 16 | 4. | G 2 |
| 7562 | Aquila | — | 4288 | .. | .. | 46.5 | + 9 23 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28b | .. | .. | .. | 35 | A 2 |
| 7563 | Draco | — | 1082 | .. | .. | 46.6 | +68 11 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15c | .. | .. | .. | 18 | A |
| 7564 | Cygnus | χ | 3593 | 3434 | .. | 46.7 | +32 40 | var. | V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | V | .. | Mdp |
| 7565 | Vulpec. | 12 | 3833 | 3433 | .. | 46.8 | +22 21 | 4.91 | 11 | .. | .. | .. | .. | 06 | 05 | .. | 27 | .. | 58 | 22a | .. | .. | 09 | 14 | B 3 |
| 7566 | Cygnus | 19 | 3780 | 3435 | .. | 47.0 | +38 27 | 5.43 | 04 | .. | .. | .. | .. | 03 | 00 | .. | 13 | .. | 25 | 27e | .. | .. | 23 | 90 | Ma |
| 7567 | Cygnus | — | 3902 | 3437 | .. | 47.2 | +40 20 | 5.62 | 08 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 14 | 23b | .. | 14 | 12 | 03 | A |
| 7568 | Cygnus | — | 3636 | .. | .. | 47.2 | +37 35 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04e | .. | .. | .. | .. | Ma |
| 7569 | Aquila | — | 4019 | .. | .. | 47.4 | +11 23 | 6.18 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 26b | .. | .. | .. | .. | K |
| 7570 | Aquila | η 55 | 4337 | 3436 | .. | 47.4 | + 0 45 | var. | V | .. | .. | .. | .. | .. | .. | .. | V | V | V | .. | .. | .. | V | V | G |
| 7571 | Sagitt. | — | 5578 | .. | 27223 | 47.5 | −14 51 | 6.36 | .. | .. | 05 | .. | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | A |
| 7572 | Aquila | — | 4295 | .. | .. | 47.6 | +10 6 | 6.48 | .. | .. | 09 | .. | .. | .. | 08 | .. | .. | .. | .. | 30b | .. | .. | .. | .. | A |
| 7573 | Vulpec. | — | 3914 | 3438 | .. | 47.8 | +24 44 | 5.67 | 09 | .. | .. | .. | .. | 10 | 00 | .. | .. | .. | .. | 01c | .. | .. | 13 | 67 | A 2 |
| 7574 | Sagitta | 9 | 4276 | .. | .. | 47.9 | +18 25 | 6.29 | .. | .. | .. | A | .. | .. | .. | .. | 69 | .. | .. | 21b | .. | .. | .. | 24 | G |
| 7575 | Aquila | — | 4742 | 3439 | 27242 | 48.1 | − 3 22 | 5.64 | 09 | .. | .. | .. | .. | 07 | 02 | R | .. | .. | 01 | .. | .. | .. | 06 | 10 | F |
| 7576 | Cygnus | d 20 | 2547 | 3440 | .. | 48.2 | +52 45 | 5.17 | 13 | .. | .. | 13 | .. | 01 | .. | .. | 24 | .. | 10 | 05d | .. | .. | 07 | 93 | K |
| 7577 | Cygnus | — | 2937 | .. | .. | 48.3 | +47 9 | 6.24 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18c | .. | .. | .. | .. | F |
| 7578 | Sagitt. | — | 15668 | .. | 27244 | 48.3 | −24 11 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 11. | K |
| 7579 | Pavo | — | 3072 | 6953 | 27219 | 48.3 | −69 25 | 5.82 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 10 | 4. | A |
| 7580 | Aquila | — | 4264 | .. | .. | 48.4 | + 4 9 | 6.30 | .. | .. | 05 | .. | .. | 04 | .. | .. | .. | .. | .. | 58b | .. | .. | .. | .. | A |
| 7581 | Sagitt. | ι | 14549 | 6952 | 27239 | 48.4 | −42 8 | 4.21 | .. | .. | .. | .. | 13 | 01 | 13 | 01 | .. | 06 | .. | .. | 19 | .. | 19 | 18. | K |
| 7582 | Draco | ε 63 | 1070 | 3447 | .. | 48.5 | +70 1 | 3.99 | 06 | 01 | R | .. | .. | 04 | 02 | .. | 19 | .. | 27 | 00c | .. | 02 | 11 | 96 | K |
| 7583 | Cygnus | — | 3744 | .. | .. | 48.7 | +36 11 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 01d | .. | .. | .. | .. | K |
| 7584 | Aquila | 56 | 5150 | .. | 27254 | 48.7 | − 8 51 | 6.02 | .. | .. | .. | 07 | .. | 06 | .. | .. | 12 | .. | .. | .. | .. | .. | 02 | .. | K |
| 7585 | Sagitt. | — | 14560 | .. | 27250 | 48.7 | −33 18 | 6.40 | .. | .. | .. | .. | .. | .. | 02 | 02 | .. | .. | .. | .. | .. | .. | .. | 8. | K |
| 7586 | Pavo | — | 7683 | .. | 27238 | 48.7 | −58 11 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K |
| 7587 | Pavo | — | 7550 | 6954 | 27237 | 48.7 | −59 10 | 5.35 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | 00 | 3. | A |
| 7588 | Pavo | — | 3073 | 6955 | 27224 | 48.7 | −69 1 | 6.48 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | 23 | 7. | A |
| 7589 | Cygnus | — | 2793 | 3442 | .. | 49.0 | +46 47 | 5.51 | 13 | .. | .. | .. | .. | 18 | 05 | .. | .. | .. | 23 | 30b | .. | .. | 19 | 06 | F |
| 7590 | Pavo | ε | 2086 | 6957 | 27225 | 49.0 | −73 10 | 4.10 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | 16 | .. | .. | 35 | .. | 22 | 6. | A |
| 7591 | Cygnus | — | 2939 | 3448 | .. | 49.2 | +47 41 | 5.70 | 07 | .. | .. | .. | .. | 03 | 09 | .. | .. | .. | 26 | 41a | .. | .. | 10 | 11 | A |
| 7592 | Vulpec. | 13 | 3820 | 3443 | .. | 49.2 | +23 50 | 4.50 | 16 | .. | .. | .. | .. | 16 | .. | .. | 38 | .. | 47 | 25a | .. | .. | 30 | 13 | A |
| 7593 | Aquila | 57 | 5154 | 3441 | 27266 | 49.3 | − 8 29 | 5.78 | 02 | .. | .. | .. | .. | 16 | 19 | .. | 34 | .. | 08 | .. | .. | .. | 04 | 03 | B 3 |
| 7594 | Aquila | | | | | 49.3 | − 8 29 | 6.53 | | | | | | | | | | | | | | | | | |
| 7595 | Aquila | ξ 59 | 4261 | 3444 | .. | 49.4 | + 8 12 | 4.86 | 06 | .. | .. | 07 | .. | 02 | .. | .. | 07 | .. | 00 | 01c | .. | .. | 14 | 89 | G 5 |
| 7596 | Aquila | 58 | 3871 | 3445 | 27275 | 49.6 | + 0 1 | 5.57 | 01 | .. | 01 | .. | .. | 01 | 01 | R | 00 | .. | 17 | .. | .. | .. | 18 | 03 | A |
| 7597 | Sagitt. | ω 58 | 14637 | 3446 | 27272 | 49.7 | −26 34 | 4.81 | 14 | .. | .. | 06 | .. | 02 | 02 | 03 | 04 | 14 | .. | .. | .. | .. | 14 | 95 | G 5 |
| 7598 | Aquila | — | 4351 | .. | .. | 49.8 | + 6 53 | 5.97 | .. | .. | .. | 03 | .. | 04 | 01 | .. | .. | .. | .. | 40b | .. | .. | .. | 22 | A |
| 7599 | Aquila | — | 5102 | .. | 27279 | 49.9 | − 7 0 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F |
| 7600 | Cygnus | — | 2945 | .. | .. | 50.1 | +47 34 | 6.15 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 43b | .. | .. | .. | 07 | A |

1908AnHar..50...

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**19h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7601 | Vulpec. | — | *3829* | 3449 | .. | 50.3 | +24 4 | 5.47 | 12 | .. | .. | .. | .. | *11* | *01* | .. | .. | .. | *11* | 31b | .. | 17 | 13 | 13 | A | a0 |
| 7602 | Aquila | β 60 | 4357 | 3450 | .. | 50.4 | + 6 9 | 3.90 | 05 | .. | .. | .. | .. | *06* | .. | .. | *10* | 01 | *21* | *08*c | .. | .. | 10 | 93 | K | K0 |
| 7603 | Pavo | $\mu^1$ | 3695 | *6966* | 27273 | 50.7 | −67 13 | 5.72 | .. | .. | .. | .. | *02* | .. | .. | 03 | .. | .. | .. | .. | *52* | .. | 10 | 12. | K | K0 |
| 7604 | Sagitt. | b 59 | 14399 | 3451 | 27289 | 50.8 | −27 26 | 4.62 | 10 | .. | .. | *03* | .. | *02* | .. | *06* | 38 | 05 | .. | .. | .. | .. | 13 | 22. | K 2 | K2 |
| 7605 | Sagitt. | — | 13776 | .. | 27292 | 51.0 | −38 19 | 6.54 | .. | .. | .. | .. | .. | .. | *09* | 08 | .. | .. | .. | .. | .. | .. | .. | *2*. | F 5 | F5 |
| 7606 | Cygnus | — | 3766 | 3452 | .. | 51.1 | +36 44 | 5.77 | *03* | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | 19c | .. | .. | *06* | .. | G | G5 |
| 7607 | Cygnus | — | 3802 | .. | .. | 51.1 | +29 56 | 6.36 | .. | .. | 05 | .. | .. | .. | *05* | .. | .. | .. | .. | 71b | .. | .. | .. | *07* | A | B9 |
| 7608 | Cygnus | 23 | 2084 | 3455 | .. | 51.2 | +57 16 | 5.04 | 05 | .. | .. | .. | .. | *07* | 03 | .. | *24* | .. | 30 | 24a | .. | 14 | 06 | 02 | B 5 | B5 |
| 7609 | Sagitta | S 10 | 4067 | 3454 | .. | 51.5 | +16 22 | var. | v | .. | .. | .. | .. | v | .. | .. | v | .. | v | v c | .. | .. | y | .. | G | |
| 7610 | Aquila | φ 61 | 4055 | 3453 | .. | 51.5 | +11 9 | 5.29 | 14 | .. | .. | *13* | .. | 00 | .. | .. | 21 | .. | 31 | 07b | .. | .. | 01 | *01* | A 2 | A2 |
| 7611 | Cygnus | — | 2137 | 3457 | .. | 51.8 | +59 27 | 6.03 | *04* | .. | .. | .. | .. | 10 | *06* | .. | .. | .. | *01* | 23b | .. | .. | *03* | *27* | A | a0 |
| 7612 | Pavo | $\mu^2$ | 3698 | *6969* | 27298 | 52.2 | −67 13 | 5.19 | .. | .. | .. | .. | 01 | .. | .. | *01* | .. | .. | .. | .. | *19* | .. | 16 | 17. | K | K0 |
| 7613 | Cygnus | 22 | 3817 | 3458 | .. | 52.3 | +38 13 | 4.87 | *20* | .. | .. | .. | .. | 13 | 08 | .. | 08 | .. | 27 | 28a | .. | .. | *17* | *04* | B 3 | B3 |
| 7614 | Sagitt. | g 61 | 5516 | 3456 | 27321 | 52.3 | −15 45 | 5.05 | *07* | .. | *11* | .. | .. | *08* | 01 | 25 | 05 | .. | .. | .. | .. | .. | 20 | 15 | A | a0 |
| 7615 | Cygnus | η 21 | 3798 | 3460 | .. | 52.6 | +34 49 | 4.03 | 01 | .. | .. | 01 | .. | *03* | .. | .. | 09 | .. | 07 | 05d | .. | .. | 07 | 103 | K | K0 |
| 7616 | Vulpec. | — | 4351 | .. | .. | 52.7 | +20 44 | 6.47 | .. | .. | *07* | .. | .. | .. | 07 | .. | .. | .. | .. | 45b | .. | .. | .. | *70* | A | A0 |
| 7617 | Sagitt. | — | 17525 | .. | 27326 | 52.7 | −30 48 | 6.24 | .. | .. | .. | .. | .. | .. | *03* | 03 | .. | .. | .. | .. | .. | .. | .. | 15. | G 5 p | K0 |
| 7618 | Sagitt. | A 60 | 14682 | 3459 | 27332 | 52.8 | −26 28 | 4.95 | 08 | .. | .. | 10 | .. | *29* | .. | 11 | 05 | .. | .. | .. | .. | .. | 13 | 62 | G 5 | G5 |
| 7619 | Cygnus | ψ 24 | 2572 | 3463 | .. | 53.0 | +52 10 | 4.80 | *03* | .. | .. | .. | .. | 03 | .. | .. | 00 | .. | *01* | 31b | .. | .. | 18 | 38 | A 3 | A3 |
| 7620 | Cygnus | — | 3878 | .. | .. | 53.1 | +35 59 | 6.04 | .. | .. | *07* | .. | .. | 06 | .. | .. | .. | .. | .. | 17a | .. | .. | .. | *11* | B 3 | B3 |
| 7621 | Telesc. | — | 12949 | *6973* | 27329 | 53.1 | −49 37 | 6.25 | .. | .. | .. | .. | *08* | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | 6. | K 5 | K0 |
| 7622 | Sagitta | 11 | 4081 | 3462 | .. | 53.2 | +16 31 | 5.38 | *07* | .. | .. | .. | .. | 13 | *06* | .. | 12 | .. | *16* | 29b | .. | .. | 10 | 25 | A | B9 |
| 7623 | Sagitt. | $\theta^1$ | 13831 | *6975* | 27344 | 53.2 | −35 33 | 4.39 | *20* | *12* | .. | .. | 29 | *01* | *14* | 17 | .. | 20 | .. | .. | 26 | .. | 16 | 4. | B 3 | B3 |
| 7624 | Sagitt. | $\theta^2$ | *13832* | *6976* | 27346 | 53.3 | −34 58 | 5.34 | .. | *24* | .. | .. | 04 | *01* | *03* | 23 | .. | .. | .. | .. | 21 | .. | 18 | 4. | A 3 | a3 |
| 7625 | Pavo | — | 7564 | *6979* | 27330 | 53.3 | −59 39 | 5.12 | .. | .. | .. | .. | *25* | .. | .. | 24 | .. | .. | .. | .. | 08 | .. | *17* | 19. | Mb | Mb |
| 7626 | Cygnus | — | 2092 | .. | .. | 53.4 | +57 59 | 6.19 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05c | .. | .. | .. | *06* | K | K0 |
| 7627 | Sagitt. | — | 13735 | .. | 27348 | 53.4 | −43 19 | 6.07 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 16. | K 5 | K5 |
| 7628 | Cygnus | — | *3968* | 3464 | .. | 53.7 | +40 6 | 5.43 | 14 | .. | 04 | *09* | .. | *10* | .. | .. | .. | .. | 31 | 23a | .. | .. | 12 | 00 | B 3 | B3 |
| 7629 | Sagitt. | — | *13802* | *6981* | 27354 | 53.7 | −37 58 | 6.00 | .. | *16* | .. | .. | *02* | 05 | 09 | 03 | .. | .. | .. | .. | .. | .. | *10* | 6. | K | K0 |
| 7630 | Sagitt. | — | 13549 | *6982* | 27352 | 53.7 | −45 23 | 5.95 | .. | .. | .. | .. | *13* | 00 | .. | 14 | .. | .. | .. | .. | .. | .. | 00 | 3. | A 5 | A5 |
| 7631 | Sagitt. | — | *14082* | *6983* | 27363 | 53.9 | −33 58 | 5.67 | .. | *10* | .. | .. | 01 | 03 | *02* | 09 | .. | .. | .. | .. | .. | .. | *15* | 9. | F 2 | F5 |
| 7632 | Cygnus | — | 2930 | 3465 | .. | 54.0 | +50 38 | 6.27 | 00 | .. | 10 | .. | .. | *10* | .. | .. | .. | .. | *22* | 52a | .. | .. | *07* | *10* | A | a0 |
| 7633 | Cepheus | — | 2013 | 3468 | .. | 54.1 | +58 35 | 5.13 | 10 | .. | .. | .. | .. | 05 | *14* | .. | .. | .. | 24 | *06*d | .. | .. | 07 | 74 | K | K2 |
| 7634 | Cygnus | — | 2331 | 3469 | .. | 54.2 | +56 25 | 6.10 | *04* | .. | .. | .. | .. | 03 | .. | .. | .. | .. | *21* | 28a | .. | .. | 00 | *19* | A 2 | A2 |
| 7635 | Sagitta | γ 12 | 4229 | 3466 | .. | 54.3 | +19 13 | 3.71 | *06* | .. | .. | 01 | .. | 05 | .. | .. | *21* | .. | 01 | 12d | .. | .. | *31* | 162 | K 5 | K5 |
| 7636 | Aquila | — | *4375* | .. | .. | 54.3 | + 1 7 | 6.35 | .. | .. | *01* | .. | .. | .. | 01 | .. | .. | .. | .. | 06c | .. | .. | .. | .. | K | G5 |
| 7637 | Aquila | — | 5238 | 3467 | 27379 | 54.4 | −10 13 | 5.91 | 03 | .. | *10* | .. | .. | 01 | .. | 06 | .. | .. | 12 | .. | .. | .. | 01 | .. | F 8 | F8 |
| 7638 | Cygnus | — | 3549 | 3470 | .. | 54.6 | +41 59 | 6.48 | 16 | .. | .. | .. | .. | *15* | *02* | .. | .. | .. | *02* | 18b | .. | .. | *18* | *07* | K | A2 |
| 7639 | Sagitt. | — | 13807 | .. | 27378 | 54.6 | −41 5 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *70* | .. | .. | 1. | A 5 | a2 |
| 7640 | Cygnus | — | 3837 | 3471 | .. | 54.7 | +30 42 | 5.44 | *08* | .. | .. | .. | .. | *04* | 13 | .. | .. | .. | 11 | 28b | .. | .. | *04* | *04* | B 8 | B8 |
| 7641 | Vulpec. | 14 | 3872 | 3472 | .. | 54.8 | +22 50 | 5.70 | 02 | .. | .. | .. | .. | *06* | 05 | .. | *20* | .. | 24 | 08c | .. | .. | 05 | 31 | A | F0 |
| 7642 | Cygnus | — | 3703 | .. | .. | 54.9 | +37 50 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 21a | .. | .. | .. | *45* | B 5 | B5 |
| 7643 | Sagitt. | — | 15935 | 3473 | 27406 | 55.5 | −23 1 | 6.08 | *06* | .. | .. | *03* | .. | 08 | .. | 02 | .. | .. | .. | .. | .. | .. | *06* | 7. | G | G5 |
| 7644 | Pavo | — | 3703 | .. | 27380 | 55.5 | −67 35 | 6.02 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | G 5 | G5 |
| 7645 | Sagitta | 13 | 4183 | 3474 | .. | 55.6 | +17 15 | 5.56 | *05* | .. | .. | .. | .. | 04 | 01 | .. | 04 | .. | *21* | *02*d | .. | .. | *31* | .. | Ma | Mb |
| 7646 | Cygnus | — | 3025 | 3478 | .. | 56.2 | +45 30 | 5.80 | *06* | .. | .. | .. | .. | 07 | .. | .. | .. | .. | 16 | 36b | .. | .. | *15* | 17 | A | A2 |
| 7647 | Cygnus | 25 | 3806 | 3479 | .. | 56.2 | +36 46 | 5.15 | 05 | .. | .. | .. | .. | *08* | 02 | .. | *05* | .. | 37 | 19a | .. | .. | 35 | 07 | B 3 | B3 |
| 7648 | Aquila | — | 4300 | 3475 | .. | 56.2 | + 8 17 | 6.08 | 06 | .. | .. | *03* | .. | *02* | .. | .. | .. | .. | 14 | *06*d | .. | .. | *10* | .. | K | K2 |
| 7649 | Sagitt. | 63 | *5618* | 3476 | 27431 | 56.4 | −13 55 | 5.76 | 09 | .. | *09* | 14 | .. | *20* | .. | 06 | 14 | .. | .. | .. | .. | .. | 04 | *24* | A | A2 |
| 7650 | Sagitt. | c 62 | *16355* | 3477 | 27430 | 56.5 | −27 59 | 4.60 | 09 | .. | .. | 04 | .. | *07* | .. | *08* | 10 | 07 | .. | .. | .. | .. | 08 | 21. | Mb | Mb |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**19h — 20h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7651 | Cygnus | — | 2728 | 3480 | .. | 56.6 | +51 47 | 6.02 | 05 | .. | .. | .. | .. | 01 | 05 | .. | .. | .. | 03 | 43a | .. | .. | 02 | 33 | B | B5- |
| 7652 | Sagitt. | — | 13828 | 6994 | 27440 | 56.9 | −38 13 | 4.79 | .. | 09 | .. | .. | 11 | 14 | 16 | 12 | .. | 13 | .. | .. | 46 | .. | 09 | 17. | K 5 | K5- |
| 7653 | Vulpec. | 15 | 3587 | 3481 | .. | 57.0 | +27 29 | 4.74 | 19 | .. | .. | .. | .. | 08 | 11 | .. | 16 | .. | 29 | 15b | .. | .. | 16 | 28 | A 5 | A5- |
| 7654 | Draco | — | 1584 | .. | .. | 57.3 | +63 16 | 5.96 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 41b | .. | .. | .. | 05 | A | A0 |
| 7655 | Cygnus | — | 3820 | .. | .. | 57.5 | +36 49 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03c | .. | .. | .. | .. | B 8 | K0 |
| 7656 | Vulpec. | — | 3975 | 3483 | .. | 57.5 | +24 31 | 5.75 | 14 | .. | 09 | .. | .. | 05 | .. | .. | .. | .. | 34 | 41a | .. | .. | 10 | 09 | A | B8 |
| 7657 | Vulpec. | 16 | 3977 | 3485 | .. | 57.8 | +24 39 | 5.32 | 11 | .. | .. | .. | .. | 12 | .. | .. | 42 | .. | 05 | 12c | .. | .. | 03 | 44 | A | F0 |
| 7658 | Sagitt. | — | 5318 | 3482 | 27461 | 57.8 | −22 53 | 6.48 | 04 | .. | .. | 06 | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 18 | 1. | F 5 | F5- |
| 7659 | Sagitt. | — | 15682 | 7005 | 27463 | 58.0 | −32 20 | 5.05 | 05 | 05 | .. | .. | 04 | 01 | 02 | 01 | .. | .. | .. | .. | 30 | .. | 13 | 22. | K | K0 |
| 7660 | Cygnus | e 26 | 3158 | 3486 | .. | 58.5 | +49 49 | 5.28 | 08 | .. | .. | .. | .. | 09 | .. | .. | 28 | .. | 06 | 16d | .. | .. | 13 | 71 | K | K0 |
| 7661 | Aquila | — | 5159 | .. | 27482 | 58.6 | − 7 45 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | A5- |
| 7662 | Sagitta | — | 4365 | .. | .. | 58.8 | +18 14 | 6.14 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 00d | .. | .. | .. | .. | K | K2 |
| 7663 | Pavo | — | 3473 | .. | 27465 | 58.8 | −66 39 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | G | K5- |
| 7664 | Sagitta | 14 | 4033 | 3487 | .. | 58.9 | +15 45 | 5.47 | 22 | .. | .. | 14 | .. | 09 | .. | .. | 17 | .. | 03 | 19b | .. | .. | 09 | 07 | A | A0 |
| 7665 | Pavo | δ | 3474 | 7006 | 27468 | 58.9 | −66 26 | 3.64 | .. | .. | .. | .. | 08 | .. | .. | 09 | .. | 00 | .. | .. | 24 | .. | 01 | 7. | G 5 | B5- |
| 7666 | Draco | — | 1084 | 3493 | .. | 59.0 | +70 5 | 6.46 | 12 | .. | 02 | .. | .. | 01 | 11 | .. | .. | .. | .. | 02c | .. | .. | R | 16 | K | B5- |
| 7667 | Aquila | 62 | 3887 | 3488 | 27497 | 59.2 | − 0 59 | 5.84 | 07 | .. | .. | .. | .. | 00 | 07 | R | 14 | .. | 07 | .. | .. | .. | 02 | 07 | A | K0 |
| 7668 | Sagitt. | — | 14700 | .. | 27486 | 59.2 | −33 17 | 6.55 | .. | .. | .. | .. | .. | .. | 18 | 18 | .. | .. | .. | .. | .. | .. | .. | 5. | B 8 | B8 |
| 7669 | Aquila | τ 63 | 4416 | 3489 | .. | 59.3 | + 7 0 | 5.65 | 02 | .. | .. | 04 | .. | 11 | 08 | .. | 10 | .. | 10 | 15c | .. | .. | 07 | R | G 5 | K0 |
| 7670 | Cygnus | — | 3872 | 3490 | .. | 59.5 | +29 38 | 5.68 | 15 | .. | .. | .. | .. | 11 | 04 | .. | .. | .. | 06 | 28c | .. | .. | 12 | 74 | K | K0 |
| 7671 | Aquila | 64 | 5641 | .. | 27502 | 59.6 | −11 53 | 6.46 | .. | .. | .. | 03 | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | F 8 | F5- |
| 7672 | Sagitta | 15 | 4121 | 3491 | .. | 59.7 | +16 48 | 5.89 | 12 | .. | .. | .. | .. | 05 | 06 | .. | 04 | .. | 11 | 17b | .. | .. | .. | 26 | G | G0 |
| 7673 | Telesc. | ξ | 9794 | 7009 | 27496 | 59.7 | −53 10 | 4.86 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | 14 | 21. | Ma | Ma |
| 7674 | Telesc. | — | 9317 | .. | 27495 | 59.7 | −55 18 | 6.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | F | F8 |
| 7675 | Sagitt. | 65 | 5569 | 3492 | 27505 | 59.9 | −12 57 | 6.41 | 10 | .. | .. | .. | .. | 08 | 03 | .. | 09 | .. | .. | .. | .. | .. | 16 | 69 | A | A0 |
| 7676 | Draco | e 64 | 1405 | 3498 | .. | 0.4 | +64 32 | 5.43 | 01 | 03 | .. | .. | .. | 01 | 04 | .. | 07 | .. | 07 | 11d | .. | 18 | 08 | 88 | Ma | Ma |
| 7677 | Vulpec. | — | 3913 | .. | .. | 0.6 | +22 55 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 40b | .. | .. | .. | .. | A | A3 |
| 7678 | Cygnus | — | 3925 | 3497 | .. | 0.7 | +31 56 | 5.69 | 19 | .. | .. | 08 | .. | 17 | 05 | .. | .. | .. | 05 | 22c | .. | .. | 19 | 64 | G | B0 |
| 7679 | Sagitta | η 16 | 4277 | 3496 | .. | 0.7 | +19 42 | 5.26 | 09 | .. | .. | .. | .. | 02 | 08 | .. | 04 | .. | 13 | 22c | .. | .. | 11 | 70 | K | K0 |
| 7680 | Aquila | — | 4040 | 3495 | .. | 0.9 | +15 13 | 6.56 | 09 | .. | 13 | .. | .. | 05 | .. | .. | .. | .. | .. | 02d | .. | .. | .. | .. | Ma p | Ma |
| 7681 | Aquila | — | 5013 | .. | 27525 | 0.9 | − 4 22 | 6.56 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | K0 |
| 7682 | Draco | 65 | 1407 | .. | .. | 1.2 | +64 21 | 6.65 | .. | .. | A | .. | .. | .. | .. | .. | 65 | .. | .. | 15c | .. | .. | .. | 22 | K | B5- |
| 7683 | Cygnus | — | 3896 | .. | .. | 1.5 | +38 12 | 6.56 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16b | .. | .. | .. | .. | G | B5- |
| 7684 | Cygnus | — | 3004 | 3499 | .. | 1.6 | +47 57 | 5.98 | 01 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 06 | 36a | .. | .. | 02 | 13 | A | A0 |
| 7685 | Draco | ρ 67 | 1222 | 3506 | .. | 2.3 | +67 35 | 4.66 | 08 | 01 | .. | .. | .. | 08 | 00 | .. | 04 | .. | 12 | 07d | .. | 00 | 06 | 112 | K | K0 |
| 7686 | Draco | 69 | 771 | 3508 | .. | 2.4 | +76 13 | 6.43 | 02 | .. | 04 | .. | .. | 07 | .. | .. | 13 | .. | .. | 10d | .. | .. | 07 | .. | Ma | Ma |
| 7687 | Cygnus | — | 2763 | 3502 | .. | 2.4 | +51 33 | 6.28 | 06 | .. | .. | .. | .. | 10 | 03 | .. | .. | .. | 15 | 06d | .. | .. | 13 | .. | K | K5- |
| 7688 | Vulpec. | 17 | 3896 | 3500 | .. | 2.5 | +23 19 | 5.08 | 18 | .. | .. | .. | .. | 19 | .. | .. | 22 | .. | 18 | 23a | .. | .. | 17 | 05 | B 3 | B3 |
| 7689 | Cygnus | b¹ 27 | 3959 | 3504 | .. | 2.7 | +35 42 | 5.52 | 05 | .. | .. | .. | .. | 01 | 05 | .. | 02 | .. | 06 | 06d | .. | .. | 19 | .. | K | K0 |
| 7690 | Aquila | 64 | 3899 | 3503 | 27568 | 2.9 | − 0 58 | 6.04 | 01 | .. | .. | .. | .. | 00 | .. | .. | 09 | .. | .. | .. | .. | .. | 04 | .. | G 5 | B5- |
| 7691 | Pavo | — | 9622 | .. | 27553 | 3.0 | −57 49 | 6.50 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | F | A0 |
| 7692 | Cygnus | — | 2324 | .. | .. | 3.1 | +56 3 | 6.18 | .. | .. | 02 | .. | .. | 02 | 01 | .. | .. | .. | .. | 24b | .. | .. | .. | 15 | F | F0 |
| 7693 | Aquila | — | 4344 | 3505 | .. | 3.1 | + 9 6 | 6.38 | 06 | .. | .. | 16 | .. | 02 | 06 | .. | .. | .. | 02 | 36b | .. | .. | 10 | .. | F 2 | F5- |
| 7694 | Capric. | — | 5285 | .. | 27573 | 3.1 | −10 21 | 6.17 | .. | .. | 11 | .. | .. | 11 | 00 | .. | .. | .. | .. | .. | .. | .. | .. | 47 | A | A0 |
| 7695 | Draco | — | 1593 | .. | .. | 3.5 | +63 36 | 6.18 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 43b | .. | .. | .. | 20 | A | A2 |
| 7696 | Aquila | — | 4153 | .. | .. | 3.5 | +16 24 | 6.67 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17d | .. | .. | .. | .. | Ma | Ma |
| 7697 | Cygnus | — | 2623 | 3509 | .. | 3.6 | +52 51 | 5.72 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 17 | 24c | .. | .. | 03 | 26 | A | F0- |
| 7698 | Octans | — | 695 | 7032 | 27498 | 3.6 | −83 37 | 6.26 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | 0. | A 5 | A2 |
| 7699 | Cygnus | — | 3881 | 3510 | .. | 3.8 | +34 8 | 6.07 | 10 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 37a | .. | .. | 08 | 12 | A | B8 |
| 7700 | Aquila | — | 4189 | 3507 | .. | 3.9 | +10 26 | 6.23 | 20 | .. | .. | 10 | .. | 02 | 07 | .. | .. | .. | 02 | 43b | .. | .. | 08 | 22 | A | B5- |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50...



**20h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7701 | Draco | 66 | 1970 | 3511 | .. | 4.0 | +61 42 | 5.57 | 06 | .. | .. | .. | .. | 04 | 01 | .. | 03 | .. | 03 | 12d | .. | .. | 03 | 57 | K | K0 |
| 7702 | Cygnus | — | 3195 | .. | .. | 4.3 | +49 57 | 6.52 | .. | .. | 10 | .. | .. | .. | 10 | .. | .. | .. | .. | 26b | .. | .. | .. | 28 | A | A2 |
| 7703 | Sagitt. | — | 13940 | 7035 | 27600 | 4.6 | −36 21 | 5.34 | .. | 17 | .. | .. | 04 | 08 | 08 | 03 | .. | .. | .. | .. | .. | 08 | 18 | 13. | K 5 | K5p |
| 7704 | Draco | — | 1226 | .. | .. | 4.5 | +67 45 | 6.56 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 14d | .. | .. | .. | .. | Ma | ma |
| 7705 | Sagitta | θ 17 | 4453 | 3512 | .. | 5.5 | +20 37 | 6.32 | 17 | .. | 13 | .. | .. | 05 | 08 | .. | 22 | .. | 31 | 57b | .. | .. | 27 | 10 | F | F2 |
| 7706 | Sagitt. | — | 13855 | .. | 27622 | 5.5 | −43 5 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | K 5 | K0 |
| 7707 | Pavo | — | 4571 | .. | 27609 | 5.6 | −63 43 | 6.20 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 3. | F | F0 |
| 7708 | Cygnus | b² 28 | 3907 | 3513 | .. | 5.7 | +36 33 | 4.82 | 02 | .. | .. | .. | .. | 02 | .. | .. | 18 | .. | 15 | 41b | .. | .. | 01 | 18 | B 2 | B2 |
| 7709 | Capric. | — | 5382 | 7037 | 27633 | 5.8 | − 9 9 | 6.45 | .. | .. | 08 | .. | 12 | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 79 | A | B3 |
| 7710 | Aquila | θ 65 | 3911 | 3514 | 27648 | 6.1 | − 1 7 | 3.37 | 02 | .. | .. | 13 | .. | 14 | 02 | R | 11 | 10 | 11 | .. | .. | .. | 05 | 21 | A | A0 |
| 7711 | Vulpec. | 18 | 3815 | 3515 | .. | 6.4 | +26 37 | 5.46 | 00 | .. | .. | .. | .. | 03 | 02 | .. | 04 | .. | 01 | 24b | .. | .. | 09 | 06 | A | A2 |
| 7712 | Capric. | 1 | 5664 | .. | 27657 | 6.4 | −12 41 | 6.44 | .. | .. | .. | 04 | .. | 05 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 7713 | Sagitta | — | 4462 | .. | .. | 6.7 | +20 51 | 6.26 | .. | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | .. | 28c | .. | .. | .. | .. | K | K0 |
| 7714 | Telesc. | — | 11643 | 7041 | 27647 | 6.7 | −52 45 | 5.69 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | 11 | 15. | K 5 | K5 |
| 7715 | Capric. | ξ 2 | 5608 | 3516 | 27670 | 6.9 | −12 54 | 5.88 | 13 | .. | .. | .. | .. | 12 | .. | .. | 22 | .. | .. | .. | .. | .. | 03 | .. | F 5 | F5 |
| 7716 | Vulpec. | — | 4088 | 3517 | .. | 7.0 | +21 35 | 6.11 | 04 | .. | .. | .. | .. | 04 | .. | .. | .. | .. | .. | 52b | .. | .. | 09 | 31 | G | B0 |
| 7717 | Aquila | — | 4444 | 3518 | .. | 7.5 | + 0 34 | 6.23 | 02 | .. | 10 | .. | .. | 12 | .. | .. | .. | .. | 24 | 33b | .. | .. | 03 | 52 | A | A0 |
| 7718 | Vulpec. | 19 | 3825 | 3519 | .. | 7.6 | +26 31 | 5.77 | 01 | .. | .. | .. | .. | 00 | 02 | .. | 07 | .. | 23 | 15e | .. | .. | 03 | 38 | K | K2 |
| 7719 | Vulpec. | 20 | 3828 | 3520 | .. | 7.8 | +26 11 | 5.91 | 02 | .. | .. | .. | .. | 02 | .. | .. | 09 | .. | 19 | 26a | .. | .. | 06 | 16 | B 8 | B8 |
| 7720 | Aquila | 66 | 3920 | 3521 | 27697 | 8.1 | − 1 19 | 5.64 | 10 | .. | .. | .. | .. | 13 | 04 | .. | 14 | .. | 13 | .. | .. | .. | 26 | .. | K | K2 |
| 7721 | Cygnus | — | 3045 | .. | .. | 9.0 | +47 26 | 6.60 | .. | .. | .. | .. | .. | 13 | 13 | .. | .. | .. | .. | 52a | .. | .. | .. | 29 | A | B8 |
| 7722 | Capric. | — | 14659 | 3522 | 27708 | 9.1 | −27 20 | 5.69 | 28 | .. | .. | 32 | .. | 03 | 07 | R | .. | .. | .. | .. | .. | .. | 31 | 15. | G 2 | K0 |
| 7723 | Vulpec. | — | 3935 | .. | .. | 9.3 | +23 56 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 50b | .. | .. | .. | 09 | A | A0 |
| 7724 | Aquila | ρ 67 | 4227 | 3523 | .. | 9.7 | +14 54 | 4.96 | 15 | .. | .. | 12 | .. | 02 | 02 | .. | 26 | .. | 11 | 16b | .. | 09 | 11 | 11 | A | A0 |
| 7725 | Sagitt. | — | 17773 | .. | 27726 | 9.7 | −30 19 | 6.38 | .. | .. | .. | .. | .. | .. | 11 | 12 | .. | .. | .. | .. | .. | .. | 13 | 15. | K | K2 |
| 7726 | Cygnus | — | 2796 | 3524 | .. | 9.8 | +51 10 | 6.35 | 15 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | 07 | 18d | .. | .. | 15 | .. | K | K2 |
| 7727 | Draco | 68 | 1983 | 3526 | .. | 9.9 | +61 47 | 5.72 | 06 | .. | .. | .. | .. | 05 | 02 | .. | 22 | .. | 00 | 19b | .. | .. | 28 | 24 | F | F5 |
| 7728 | Sagitt. | — | 14011 | .. | 27731 | 9.9 | −36 46 | 6.48 | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | 11. | Ma | mb |
| 7729 | Sagitt. | — | 14020 | .. | 27738 | 10.0 | −35 31 | 6.60 | .. | .. | .. | .. | .. | .. | 14 | 13 | .. | .. | .. | .. | .. | .. | .. | 2. | F | F2 |
| 7730 | Cygnus | R 30 | 2881 | 3527 | .. | 10.2 | +46 31 | 4.96 | 02 | .. | .. | .. | .. | 01 | 01 | .. | 16 | .. | 23 | 02a | .. | .. | 06 | 03 | A 2 | A2 |
| 7731 | Vulpec. | 21 | 3675 | 3525 | .. | 10.2 | +28 24 | 5.20 | 13 | .. | .. | .. | .. | 03 | 10 | .. | 05 | .. | 10 | 16b | .. | .. | 10 | 36 | A | A3 |
| 7732 | Pavo | — | 4576 | .. | 27725 | 10.2 | −63 33 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | K | K0 |
| 7733 | Cygnus | — | 3642 | .. | .. | 10.3 | +43 4 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 08d | .. | .. | .. | .. | K | K2 |
| 7734 | Cygnus | — | 3949 | .. | .. | 10.3 | +36 18 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 36b | .. | .. | .. | 34 | A 2 | A2 |
| 7735 | Cygnus | R 31 | 2882 | 3528 | .. | 10.5 | +46 26 | 3.95 | 15 | .. | .. | .. | .. | 07 | 07 | .. | 15 | .. | 30 | 01d | .. | .. | 25 | 121 | K p | — K0 comp |
| 7736 | Cygnus | b³ 29 | 3955 | 3529 | .. | 10.8 | +36 30 | 4.98 | 06 | .. | .. | .. | .. | 12 | 17 | .. | 12 | .. | 01 | 24b | .. | 04 | 02 | 29 | A | A0 B8 |
| 7737 | Cygnus | — | 3668 | .. | .. | 10.9 | +41 48 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 44b | .. | .. | .. | .. | A | B8 |
| 7738 | Capric. | 3 | 5680 | .. | 27770 | 10.9 | −12 39 | 6.41 | .. | .. | .. | A | .. | .. | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 78 | A | B9 |
| 7739 | Vulpec. | — | 4165 | 3530 | .. | 11.0 | +25 17 | 4.82 | 06 | .. | 04 | .. | .. | 01 | .. | .. | .. | .. | 27 | 26a | .. | .. | 02 | 11 | B 3 | B3 |
| 7740 | Cygnus | 33 | 2376 | 3532 | .. | 11.1 | +56 16 | 4.32 | 09 | .. | .. | 09 | .. | 08 | 06 | .. | 08 | .. | 15 | 22b | .. | .. | 08 | 30 | A 3 | A3 |
| 7741 | Vulpec. | 22 | 3944 | 3531 | .. | 11.2 | +23 12 | 5.38 | 11 | .. | .. | .. | .. | 12 | .. | .. | 12 | .. | 07 | 04d | .. | .. | 12 | 80 | K | K5 |
| 7742 | Draco | — | 2099 | 3539 | .. | 11.6 | +60 20 | 6.16 | 10 | .. | .. | .. | .. | 09 | .. | .. | .. | .. | .. | 28c | .. | .. | 16 | 36 | K | K2 |
| 7743 | Cygnus | — | 3827 | 3533 | .. | 11.6 | +33 26 | 5.78 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 19 | 15c | .. | .. | 02 | 62 | G 5 | G5 |
| 7744 | Vulpec. | 23 | 3666 | 3534 | .. | 11.7 | +27 30 | 4.73 | 06 | .. | .. | .. | .. | 06 | .. | .. | 02 | .. | 01 | 05e | .. | .. | 07 | 123 | K | K5 |
| 7745 | Telesc. | — | 13509 | .. | 27779 | 11.8 | −48 2 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 11. | Ma | ma |
| 7746 | Sagitta | 18 | 4130 | 3536 | .. | 11.9 | +21 18 | 6.16 | 01 | .. | .. | .. | .. | 00 | .. | .. | 14 | .. | 24 | 16c | .. | .. | 19 | .. | G 5 | K0 |
| 7747 | Capric. | α¹ 5 | 5683 | 3537 | 27796 | 12.1 | −12 49 | 4.55 | 02 | .. | .. | .. | .. | 13 | .. | 12 | 15 | 30 | .. | .. | .. | .. | 00 | 88 | G | G0 |
| 7748 | Capric. | 4 | 5384 | 3535 | 27794 | 12.1 | −22 7 | 5.96 | 05 | .. | .. | 35 | .. | 18 | 21 | 02 | 26 | .. | .. | .. | .. | .. | 04 | 13. | G | K0 |
| 7749 | Telesc. | — | 13340 | .. | 27788 | 12.1 | −47 54 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | F 5 | F5 |
| 7750 | Cepheus | κ 1 | 764 | 3545 | .. | 12.3 | +77 25 | 4.40 | 02 | .. | .. | .. | .. | 01 | .. | .. | 10 | .. | 10 | 23b | .. | .. | 04 | 03 | B 9 | B9 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50...



**20h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7751 | Cygnus | $o^2$ 32 | 3059 | 3541 | .. | 12.3 | +47 24 | 4.16 | 09 | .. | .. | .. | .. | 09 | .. | .. | 07 | .. | 30 | 00e | .. | .. | 06 | 135 | G 5 | K0 comp A3 |
| 7752 | Cygnus | — | 3977 | .. | .. | 12.4 | +38 35 | 6.14 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 53b | .. | .. | .. | 16 | A | A0 |
| 7753 | Vulpec. | 24 | 4075 | 3540 | .. | 12.5 | +24 22 | 5.45 | 01 | .. | 04 | .. | .. | 04 | .. | .. | 05 | .. | 22 | 11c | .. | .. | 15 | 74 | K | K0 |
| 7754 | Capric. | $\alpha^2$ 6 | 5685 | 3538 | 27800 | 12.5 | −12 51 | 3.77 | 01 | .. | .. | .. | .. | 03 | .. | 03 | 07 | 13 | .. | .. | .. | .. | 05 | 116 | K | G5 |
| 7755 | Cygnus | — | 3236 | .. | .. | 12.8 | +49 55 | 6.31 | .. | .. | 01 | .. | .. | .. | 01 | .. | .. | .. | .. | 29a | .. | .. | .. | 02 | A 2 | A0 |
| 7756 | Cygnus | — | 3119 | 3542 | .. | 12.8 | +45 16 | 5.87 | 07 | .. | 25 | .. | .. | 19 | .. | .. | .. | .. | 16 | 24c | .. | .. | 15 | 22 | F | F6 |
| 7757 | Cygnus | — | 3978 | .. | .. | 12.8 | +36 45 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 49a | .. | .. | .. | 25 | A | B5 |
| 7758 | Telesc. | — | 9365 | .. | 27798 | 12.8 | −55 22 | 6.16 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 17. | K | K5 |
| 7759 | Cygnus | — | 4114 | 3544 | .. | 13.4 | +40 3 | 5.50 | 03 | .. | 02 | .. | .. | 00 | .. | .. | .. | .. | 08 | 16e | .. | .. | 10 | .. | A | K5 |
| 7760 | Vulpec. | — | 3695 | .. | .. | 13.4 | +28 50 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05c | .. | .. | .. | 13. | K | K0 |
| 7761 | Capric. | $\sigma$ 7 | 5776 | 3543 | 27827 | 13.6 | −19 26 | 5.46 | 13 | .. | 06 | .. | .. | 02 | .. | 22 | 12 | .. | .. | .. | .. | .. | 12 | 17. | K | K0 |
| 7762 | Cygnus | — | 3670 | .. | .. | 14.0 | +42 24 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 01d | .. | .. | .. | .. | K | K2 |
| 7763 | Cygnus | P 34 | 3871 | 3547 | .. | 14.1 | +37 43 | 4.88 | 02 | .. | .. | .. | .. | 01 | .. | .. | 15 | .. | .. | 16c | .. | .. | 15 | 60 | B 4 p | B1p |
| 7764 | Sagitt. | — | 16981 | 3546 | 27847 | 14.3 | −29 30 | 6.32 | 12 | .. | .. | 05 | .. | 09 | 03 | .. | .. | .. | .. | .. | .. | .. | 03 | 13. | A | A0 |
| 7765 | Sagitt. | — | 14057 | .. | 27848 | 14.4 | −35 59 | 6.51 | .. | .. | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | .. | .. | .. | .. | 12. | K | K2 |
| 7766 | Telesc. | — | 12929 | .. | 27842 | 14.4 | −50 18 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | F | F8 |
| 7767 | Cygnus | — | 4103 | .. | .. | 14.6 | +40 25 | 5.82 | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | 23a | .. | .. | .. | 07 | G | B2p |
| 7768 | Aquila | — | 3951 | 3548 | 27859 | 14.6 | − 1 23 | 6.23 | 11 | .. | .. | .. | .. | 05 | 07 | .. | .. | .. | 03 | .. | .. | .. | 03 | .. | K | K0 |
| 7769 | Cygnus | 36 | 3998 | 3550 | .. | 14.8 | +36 41 | 5.52 | 05 | .. | .. | .. | .. | 05 | .. | .. | 12 | .. | 17 | 44a | .. | .. | 08 | 22 | A | A0 |
| 7770 | Cygnus | 35 | 3967 | 3551 | .. | 14.8 | +34 40 | 5.18 | 02 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | 16 | 13d | .. | .. | 07 | 94 | F 5 | F5p |
| 7771 | Delph. | — | 4289 | 3549 | .. | 14.8 | +12 56 | 6.50 | 00 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 12 | 44d | .. | .. | 00 | R | K 5 | ma |
| 7772 | Aquila | — | 5451 | 7063 | 27874 | 15.1 | − 6 40 | 6.66 | .. | .. | .. | .. | 23 | .. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | 74 | K 5 | K5 |
| 7773 | Capric. | $\nu$ 8 | 5642 | 3552 | 27872 | 15.1 | −13 4 | 4.84 | 16 | .. | .. | .. | .. | 18 | 16 | 16 | 09 | .. | .. | .. | .. | 03 | 06 | 18 | A | A0 |
| 7774 | Aquila | — | 4360 | .. | .. | 15.3 | +13 14 | 5.96 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 38b | .. | .. | .. | 22 | A 8 | A5 |
| 7775 | Capric. | — | 5626 | 3553 | 27873 | 15.2 | −15 6 | 6.16 | .. | .. | 19 | .. | .. | 23 | 03 | .. | .. | .. | .. | .. | .. | .. | 20 | 56 | A | B9 |
| 7776 | Capric. | $\beta$ 9 | 5629 | 3554 | 27880 | 15.4 | −15 6 | 3.25 | 13 | .. | 05 | .. | .. | 09 | 09 | 11 | 25 | 01 | .. | .. | .. | .. | | 97 | G p | B0 comp — A0 |
| 7777 | Cygnus | — | 3139 | .. | .. | 15.6 | +46 0 | 6.28 | .. | .. | 14 | .. | .. | 15 | 00 | .. | .. | .. | .. | 42a | .. | .. | 03 | 18 | B 8 | B1 |
| 7778 | Aquila | — | 4263 | .. | .. | 15.7 | +14 16 | 6.34 | .. | .. | 05 | .. | .. | .. | 06 | .. | .. | .. | .. | 09b | .. | .. | .. | .. | G 5 | G5 |
| 7779 | Sagitt. | $\kappa^1$ | 14836 | 7067 | 27879 | 15.7 | −42 21 | 5.64 | .. | .. | .. | .. | 09 | 17 | 12 | 21 | .. | .. | .. | .. | .. | .. | 06 | 4. | A | A0 |
| 7780 | Aquila | — | 4294 | 3555 | .. | 15.8 | +17 29 | 6.04 | 13 | .. | .. | 07 | .. | 05 | 01 | .. | .. | .. | 09 | 00d | .. | .. | 06 | 31 | K | K5 |
| 7781 | Cygnus | — | 2329 | 3556 | .. | 15.9 | +55 5 | 5.71 | 02 | .. | 00 | .. | .. | 09 | 07 | .. | .. | .. | 10 | 16b | .. | 16 | 09 | 16 | A | A0 |
| 7782 | Cygnus | — | 4008 | .. | .. | 16.1 | +36 48 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 40b | .. | .. | .. | .. | A | A0 |
| 7783 | Draco | — | 1281 | 3559 | .. | 16.4 | +66 31 | 6.08 | 07 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 10 | 10c | .. | .. | 26 | 02 | G | F8 |
| 7784 | Cygnus | — | 4021 | .. | .. | 16.6 | +39 5 | 6.07 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 49a | .. | .. | .. | 08 | A | A0 |
| 7785 | Octans | — | 901 | 7071 | 27836 | 16.6 | −81 17 | 5.81 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | 04 | .. | 03 | 16. | K | K0 |
| 7786 | Cygnus | — | 2910 | 3558 | .. | 16.7 | +46 31 | 6.15 | 08 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 05 | 61a | .. | .. | 10 | 05 | A | B9 |
| 7787 | Sagitt. | $\kappa^2$ | 14847 | 7072 | 27909 | 17.1 | −42 44 | 5.68 | .. | .. | .. | .. | 05 | 14 | 16 | 26 | .. | .. | .. | .. | .. | .. | 13 | 2. | A 3 | A3 |
| 7788 | Capric. | — | 5369 | .. | 27933 | 17.6 | − 9 58 | 6.34 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | G5 |
| 7789 | Vulpec. | 25 | 3986 | 3560 | .. | 17.7 | +24 7 | 5.41 | 02 | .. | .. | .. | .. | 00 | 03 | .. | 29 | .. | 07 | 41b | .. | 23 | 19 | 15 | A | B8 |
| 7790 | Pavo | $\alpha$ | 9674 | 7074 | 27918 | 17.7 | −57 3 | 2.12 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | 10 | .. | .. | 08 | .. | 19 | 19. | B 3 | B3 |
| 7791 | Cygnus | — | 2384 | .. | .. | 17.9 | +53 16 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06d | .. | .. | .. | .. | K | K5 |
| 7792 | Draco | 71 | 2000 | 3563 | .. | 18.0 | +61 56 | 5.61 | 06 | .. | .. | .. | .. | 06 | .. | .. | 09 | .. | 16 | 27b | .. | .. | 01 | 17 | A | B9 |
| 7793 | Delph. | — | 4275 | 3562 | .. | 18.2 | +14 13 | 6.22 | 05 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 28 | 05b | .. | .. | 18 | .. | F 2 | F5 |
| 7794 | Aquila | — | 4434 | 3561 | .. | 18.2 | + 5 1 | 5.41 | 00 | .. | 09 | 03 | .. | 07 | .. | .. | .. | .. | 09 | 09c | .. | .. | 06 | .. | K | K0 |
| 7795 | Cygnus | — | 4136 | .. | .. | 18.5 | +40 48 | 6.43 | .. | .. | 06 | .. | .. | 02 | 05 | .. | .. | .. | .. | 22c | .. | .. | .. | .. | G 5 | G5 |
| 7796 | Cygnus | $\gamma$ 37 | 4159 | 3564 | .. | 18.6 | +39 56 | 2.32 | 01 | .. | .. | .. | .. | 01 | .. | .. | 11 | .. | 06 | 16c | .. | .. | 10 | 84 | F 8 p | F8p |
| 7797 | Cygnus | — | 4005 | .. | .. | 18.6 | +30 56 | 6.16 | .. | .. | 10 | .. | .. | .. | 10 | .. | .. | .. | .. | 10c | .. | .. | .. | .. | K | K2 |
| 7798 | Cygnus | — | 3152 | 3566 | .. | 18.9 | +45 27 | 5.87 | 03 | .. | .. | .. | .. | 04 | 06 | .. | .. | .. | 09 | 11d | .. | .. | 37 | 47 | K | K0 |
| 7799 | Sagitt. | — | 14024 | .. | 27966 | 19.1 | −41 7 | 6.11 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K | K0 |
| 7800 | Cygnus | — | 4141 | 3567 | .. | 19.2 | +40 42 | 6.08 | 08 | .. | .. | .. | .. | 01 | 09 | .. | .. | .. | 02 | 00d | .. | .. | 08 | .. | K 5 | K5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**20h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7801 | Sagitt. | – | *17049* | 3565 | 27974 | 19.3 | −28 59 | 5.97 | 16 | .. | .. | *03* | .. | *04* | *12* | 01 | .. | .. | .. | .. | .. | *14* | 21 | 13. | G 2 | K0 |
| 7802 | Cygnus | – | 3721 | .. | .. | 19.4 | +42 40 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10c | .. | .. | .. | .. | G 5 | K0 |
| 7803 | Aquila | – | 4495 | 3568 | .. | 19.5 | + 0 45 | 6.11 | *02* | .. | 12 | .. | .. | *10* | .. | .. | .. | .. | 03 | 41b | .. | 11 | *01* | *56* | A | A0 |
| 7804 | Draco | – | 1121 | 3572 | .. | 19.6 | +68 34 | 5.99 | 08 | .. | .. | .. | .. | *02* | *06* | .. | .. | .. | *07* | *27*d | .. | .. | 12 | 78 | Mb | mb |
| 7805 | Draco | – | 1618 | 3571 | .. | 19.8 | +63 41 | 5.92 | *10* | .. | .. | .. | .. | 02 | 08 | .. | .. | .. | .. | *16*d | .. | .. | *12* | 45 | K 5 | K5– |
| 7806 | Cygnus | 39 | 4062 | 3569 | .. | 19.9 | +31 52 | 4.60 | 00 | .. | .. | .. | .. | 07 | *06* | .. | *02* | .. | 21 | 05e | .. | .. | *10* | 118 | K | K2 |
| 7807 | Cygnus | – | 3916 | 3570 | .. | 20.0 | +37 10 | 5.68 | 06 | .. | .. | .. | .. | *05* | .. | .. | .. | .. | 27 | 46a | .. | .. | 07 | 09 | A | B3 |
| 7808 | Sagitt. | – | 13741 | .. | 28001 | 20.4 | −37 43 | 6.26 | .. | .. | .. | .. | .. | .. | 09 | *10* | .. | .. | .. | .. | .. | .. | .. | 6. | K | K0 |
| 7809 | Aquila | – | 4888 | *7086* | 28013 | 20.5 | − 3 7 | 6.10 | .. | .. | .. | .. | *20* | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 7810 | Delph. | – | 4526 | .. | .. | 21.0 | + 9 45 | 6.46 | .. | .. | 03 | 03 | .. | *06* | .. | .. | .. | .. | .. | 08d | .. | .. | .. | .. | K | K5– |
| 7811 | Vulpec. | – | *4559* | 3573 | .. | 21.3 | +21 6 | 5.80 | 08 | .. | .. | .. | .. | *13* | 04 | .. | .. | .. | 21 | *03*d | .. | .. | 10 | 67 | K | K0 |
| 7812 | Octans | – | 906 | *7090* | 27956 | 21.4 | −81 37 | 5.76 | .. | .. | .. | .. | *09* | .. | .. | 10 | .. | .. | .. | .. | 39 | .. | 04 | 14. | K | K5– |
| 7813 | Vulpec. | – | 4408 | .. | .. | 21.5 | +19 31 | 6.44 | .. | .. | *04* | .. | .. | .. | 04 | .. | .. | .. | .. | 19c | .. | .. | .. | .. | G | K0 |
| 7814 | Capric. | π 10 | 5685 | 3574 | 28036 | 21.6 | −18 32 | 5.20 | 02 | .. | .. | .. | .. | *09* | *07* | 15 | 18 | .. | .. | .. | .. | .. | 02 | *14* | B 8 | B8 |
| 7815 | Cygnus | – | 2397 | .. | .. | 21.8 | +53 14 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25a | .. | .. | .. | *48* | A | B9 |
| 7816 | Delph. | – | *4259* | .. | .. | 21.9 | +17 1 | 6.17 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 31c | .. | .. | .. | .. | K | K0 |
| 7817 | Microsc. | – | *14166* | .. | 28048 | 22.4 | −35 55 | 6.22 | .. | .. | .. | .. | .. | .. | *11* | 12 | .. | .. | .. | .. | .. | .. | .. | 4. | K | A0 |
| 7818 | Cygnus | – | 2228 | .. | .. | 23.0 | +59 17 | 6.48 | .. | .. | 03 | .. | .. | .. | *04* | .. | .. | .. | .. | 20b | .. | .. | .. | *59* | A | A0 |
| 7819 | Capric. | – | 5609 | .. | 28072 | 23.1 | −16 4 | 6.45 | .. | .. | .. | 02 | .. | *02* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 7820 | Delph. | – | *4477* | .. | .. | 23.2 | + 8 7 | 6.26 | .. | .. | .. | *07* | .. | 08 | .. | .. | .. | .. | .. | 08d | .. | .. | .. | .. | G | K0 |
| 7821 | Aquila | 68 | 4906 | 3576 | 28079 | 23.2 | − 3 41 | 6.03 | 13 | .. | .. | .. | .. | *19* | 05 | .. | *03* | .. | 07 | .. | .. | 20 | 12 | *34* | A | B9 |
| 7822 | Capric. | ρ 11 | 5689 | 3575 | 28073 | 23.2 | −18 9 | 4.96 | 02 | .. | .. | *22* | .. | 03 | 03 | 14 | 14 | .. | .. | .. | .. | .. | 04 | 01 | F | F0 |
| 7823 | Cygnus | – | *3910* | .. | .. | 23.3 | +34 0 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 29c | .. | .. | .. | .. | F | F0 |
| 7824 | Aquila | – | 4175 | .. | .. | 23.3 | + 2 36 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23c | .. | .. | .. | .. | K | K0 |
| 7825 | Capric. | – | 5442 | .. | 28092 | 23.6 | −22 43 | 6.22 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14. | K | K5– |
| 7826 | Cygnus | 40 | *3941* | 3578 | .. | 23.9 | +38 7 | 5.45 | 09 | .. | .. | .. | .. | 02 | *10* | .. | 05 | .. | 31 | 43b | .. | .. | 00 | 20 | A | A0 |
| 7827 | Cygnus | – | 2421 | 3581 | .. | 24.0 | +56 19 | 6.21 | *12* | .. | .. | .. | .. | 11 | 00 | .. | .. | .. | 08 | 39b | .. | .. | *11* | *36* | A | A0 |
| 7828 | Cygnus | 43 | *3128* | 3579 | .. | 24.0 | +49 3 | 5.72 | *08* | .. | .. | .. | .. | 01 | 06 | .. | *22* | .. | .. | 20b | .. | .. | *05* | 24 | F | F0p |
| 7829 | Capric. | – | *5831* | 3577 | 28099 | 24.1 | −18 55 | 6.64 | *01* | .. | .. | .. | .. | 01 | .. | .. | 12 | .. | .. | .. | .. | .. | 04 | *25* | A 2 | A3 |
| 7830 | Capric. | o 12 | | | 28100 | 24.1 | −18 55 | 6.10 | | | | | | | | | | | | | | | | | | A2 |
| 7831 | Aquila | 69 | 4918 | 3580 | 28105 | 24.4 | − 3 13 | 5.11 | 08 | .. | .. | .. | .. | *12* | 06 | *01* | 04 | .. | 05 | .. | .. | .. | 19 | .. | K | K0 |
| 7832 | Microsc. | – | 17122 | .. | 28108 | 24.8 | −29 27 | 6.14 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 26 | 9. | A 5 | A5– |
| 7833 | Vulpec. | – | 4423 | .. | .. | 24.9 | +19 45 | 6.38 | .. | .. | 07 | .. | .. | .. | *06* | .. | .. | .. | .. | 40b | .. | .. | .. | .. | A | A2 |
| 7834 | Cygnus | 41 | *4057* | 3583 | .. | 25.3 | +30 2 | 4.09 | 04 | .. | *03* | .. | .. | *01* | .. | .. | 18 | .. | 23 | 23b | .. | .. | 01 | 33 | F 5 | F5p |
| 7835 | Cygnus | 42 | *4141* | 3585 | .. | 25.5 | +36 7 | 5.94 | 10 | .. | *02* | .. | .. | *01* | *09* | .. | *09* | .. | 11 | 14b | .. | .. | 06 | 57 | K | A0 |
| 7836 | Delph. | 1 | 4303 | 3584 | .. | 25.5 | +10 34 | 5.92 | 01 | .. | .. | *16* | .. | 02 | 11 | .. | *12* | .. | .. | 25b | .. | .. | *17* | *32* | A | A0 |
| 7837 | Capric. | – | 5696 | 3582 | 28122 | 25.5 | −15 23 | 6.19 | *04* | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 06 | .. | G | G0 |
| 7838 | Pavo | – | *2792* | *7104* | 28110 | 25.9 | −69 57 | 6.12 | .. | .. | .. | .. | *01* | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | 12. | K | K2 |
| 7839 | Vulpec. | – | 4602 | .. | .. | 26.5 | +20 16 | 6.00 | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | 40b | .. | .. | .. | .. | A 2 | A2 |
| 7840 | Delph. | – | 4307 | .. | .. | 26.5 | +10 57 | 6.39 | .. | .. | *13* | .. | .. | 05 | 07 | .. | .. | .. | .. | R | .. | .. | .. | .. | A | A0 |
| 7841 | Cygnus | – | 3196 | .. | .. | 26.7 | +45 36 | 6.59 | .. | .. | 13 | .. | .. | .. | *13* | .. | .. | .. | .. | 04c | .. | .. | .. | R | K | K0 |
| 7842 | Capric. | – | 14854 | .. | 28144 | 26.9 | −25 17 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 3. | A 2 | A0 |
| 7843 | Cygnus | – | 2411 | 3590 | .. | 27.0 | +55 44 | 5.87 | *01* | .. | *11* | .. | .. | 11 | .. | .. | .. | .. | 20 | 23b | .. | .. | 03 | *34* | A | B9 |
| 7844 | Cygnus | ω¹ 45 | 3142 | 3587 | .. | 27.0 | +48 37 | 4.89 | 08 | .. | .. | .. | .. | *01* | *06* | .. | 21 | .. | 15 | 20b | .. | .. | 18 | *03* | B 3 | B3 |
| 7845 | Capric. | – | 5423 | 3586 | 28149 | 27.0 | −10 12 | 5.81 | *18* | .. | 05 | .. | .. | 07 | .. | 05 | .. | .. | .. | .. | .. | .. | *21* | *11* | G | G5– |
| 7846 | Microsc. | ν | 14020 | *7111* | 28141 | 27.0 | −44 51 | 5.30 | .. | .. | .. | .. | *18* | *02* | 12 | 07 | .. | .. | .. | .. | *35* | .. | *12* | 13. | K | K0 |
| 7847 | Cygnus | 44 | 4105 | .. | .. | 27.2 | +36 36 | 6.30 | .. | .. | .. | A | .. | .. | .. | .. | *20* | .. | .. | 08d | .. | .. | .. | .. | G p | F8p |
| 7848 | Pavo | φ¹ | *6492* | *7113* | 28140 | 27.3 | −60 55 | 4.84 | .. | .. | .. | .. | *11* | .. | .. | 12 | .. | .. | .. | .. | *09* | .. | *02* | 12. | F | F0 |
| 7849 | Vulpec. | – | 4272 | 3591 | .. | 27.7 | +25 28 | 6.29 | 04 | .. | .. | .. | .. | 01 | *06* | .. | .. | .. | .. | 31a | .. | .. | 01 | 05 | K | A2 |
| 7850 | Cepheus | θ 2 | 1821 | 3594 | .. | 27.9 | +62 39 | 4.28 | 05 | 00 | .. | .. | .. | *04* | *03* | .. | 02 | .. | *04* | 06b | .. | 10 | *08* | 45 | A | A5– |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50.



**20h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7851 | Cygnus | $\omega^2$ 46 | 3154 | 3595 | .. | 28.2 | +48 53 | 5.57 | 00 | .. | .. | .. | .. | 06 | 07 | .. | 03 | .. | 07 | 11d | .. | .. | 10 | .. | Ma | ma |
| 7852 | Delph. | $\epsilon$ 2 | 4321 | 3592 | .. | 28.4 | +10 58 | 3.98 | 15 | .. | .. | 18 | .. | 04 | .. | .. | 17 | .. | 39 | 41b | .. | .. | 13 | 01 | B 5 | $B_5$ |
| 7853 | Microsc. | — | 14108 | .. | 28170 | 28.4 | −38 26 | 6.45 | .. | .. | .. | .. | .. | .. | 09 | 09 | .. | .. | .. | .. | .. | .. | .. | 8. | A 5 | $A_2$ |
| 7854 | Cygnus | — | 2882 | 3596 | .. | 28.5 | +51 58 | 6.27 | 23 | .. | .. | .. | .. | 11 | 13 | .. | .. | .. | .. | 05c | .. | .. | 22 | .. | A | $K_0$ |
| 7855 | Capric. | — | 5781 | 3593 | 28183 | 28.6 | −14 4 | 6.24 | 07 | .. | 10 | .. | .. | 06 | 10 | .. | .. | .. | .. | .. | .. | .. | 09 | .. | F 8 | F8 |
| 7856 | Microsc. | — | 18013 | .. | 28178 | 28.6 | −30 49 | 6.52 | .. | .. | .. | .. | .. | .. | 11 | 10 | .. | .. | .. | .. | .. | .. | .. | 0. | A | $B_9$ |
| 7857 | Delph. | — | 4579 | .. | .. | 29.1 | + 9 43 | 6.44 | .. | .. | 02 | .. | .. | .. | 01 | .. | .. | .. | .. | 39b | .. | .. | .. | .. | A 2 | $A_0$ |
| 7858 | Delph. | $\eta$ 3 | 4378 | 3597 | .. | 29.2 | +12 41 | 5.23 | 05 | .. | .. | 00 | .. | 04 | .. | .. | 07 | .. | 09 | 41b | .. | .. | 12 | 13 | A 2 | $A_2$ |
| 7859 | Pavo | $\rho$ | 6495 | 7121 | 28179 | 29.2 | −61 52 | 5.03 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 18 | .. | 13 | 13. | F 5 | $F_5$ |
| 7860 | Cygnus | — | 2444 | 3598 | .. | 29.3 | +56 26 | 6.31 | 02 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 15 | 01d | .. | .. | 01 | R | K | $K_5$ |
| 7861 | Cygnus | — | 3778 | .. | .. | 29.4 | +42 51 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 45a | .. | .. | .. | .. | A | $B_3$ |
| 7862 | Vulpec. | — | 4629 | .. | .. | 29.7 | +20 38 | 6.28 | .. | .. | 02 | .. | .. | 04 | 01 | .. | .. | .. | .. | 55a | .. | .. | .. | 36 | A | $B_3$ |
| 7863 | Octans | $\mu^1$ | 1434 | 7123 | 28162 | 29.7 | −76 32 | 6.14 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | 14 | .. | 09 | 9. | Pec. | $F_0$ |
| 7864 | Octans | $\mu^2$ | 1644 | 7124 | R | 29.8 | −75 42 | 6.56 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | 71 | .. | 41 | 4. | G | |
| 7865 | Capric. | — | 6027 | .. | 28206 | 29.9 | −16 52 | 6.20 | .. | .. | .. | .. | .. | 01 | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 52 | A 8 | $A_5$ |
| 7866 | Cygnus | 47 | 4079 | 3599 | .. | 30.0 | +34 54 | 4.85 | 08 | .. | .. | .. | .. | 08 | .. | .. | 45 | .. | 18 | 06e | .. | .. | 00 | 166 | K | — $K_5$ comp $A_3$ |
| 7867 | Cygnus | — | 3805 | .. | .. | 30.3 | +41 25 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23c | .. | .. | .. | .. | K | $K_0$ |
| 7868 | Draco | — | 957 | 3603 | .. | 30.4 | +72 12 | 6.42 | 08 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | .. | 06d | .. | .. | 04 | .. | K | $K_2$ |
| 7869 | Indus | $\alpha$ | 13477 | 7126 | 28213 | 30.5 | −47 38 | 3.21 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 05 | .. | .. | 09 | .. | 11 | 26. | K | $K_0$ |
| 7870 | Cygnus | — | 2977 | 3601 | .. | 30.6 | +46 21 | 5.59 | 01 | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | 15 | 39a | .. | 31 | 21 | 06 | A | $B_9$ |
| 7871 | Delph. | $\zeta$ 4 | 4353 | 3600 | .. | 30.6 | +14 20 | 4.69 | 02 | .. | .. | 01 | .. | 02 | .. | .. | 06 | .. | 11 | 05b | .. | .. | 26 | 19 | A | $A_2$ |
| 7872 | Pavo | — | 4602 | .. | 28223 | 31.4 | −63 15 | 6.36 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K | $K_0$ |
| 7873 | Aquila | 70 | 4961 | 3602 | 28248 | 31.5 | − 2 54 | 5.22 | 08 | .. | .. | 07 | .. | 12 | 08 | 21 | 02 | .. | 06 | .. | .. | .. | 03 | .. | K | $K_5$ |
| 7874 | Vulpec. | 26 | 4299 | .. | .. | 31.8 | +25 34 | 6.29 | .. | .. | 07 | 06 | .. | 02 | .. | .. | 09 | .. | .. | 39a | .. | .. | .. | .. | A 5 | $A_2$ |
| 7875 | Pavo | $\varphi^2$ | 7419 | 7134 | 28236 | 31.8 | −60 53 | 5.30 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | 35 | .. | 05 | 12. | F 8 | F8 |
| 7876 | Cygnus | — | 2895 | .. | .. | 31.9 | +51 31 | 6.26 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 12b | .. | .. | .. | .. | F | $F_0$ |
| 7877 | Capric. | — | 14920 | .. | 28256 | 31.9 | −25 28 | 6.26 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 5. | F | $F_0$ |
| 7878 | Aquila | — | 4056 | .. | 28268 | 32.2 | − 0 15 | 6.16 | .. | .. | 12 | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | 45 | A | $B_8$ |
| 7879 | Draco | 73 | 872 | 3614 | .. | 32.8 | +74 37 | 5.18 | 08 | .. | .. | .. | .. | 09 | .. | .. | 05 | .. | 23 | 16b | .. | 13 | 05 | 23 | A 3 | $A_2p$ |
| 7880 | Vulpec. | 27 | 4302 | 3606 | .. | 32.8 | +26 7 | 5.52 | 11 | .. | .. | .. | .. | 12 | .. | .. | 08 | .. | 21 | 32a | .. | .. | 08 | 25 | A | $B_9$ |
| 7881 | Pavo | $\upsilon$ | 3754 | 7137 | 28259 | 32.8 | −67 7 | 5.36 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | 16 | .. | 01 | 2. | B 9 | $B_9$ |
| 7882 | Delph. | $\beta$ 6 | 4369 | 3605 | .. | 32.9 | +14 15 | 3.72 | 07 | .. | .. | 05 | .. | 01 | .. | .. | 08 | .. | 19 | 30b | .. | .. | 12 | 66 | F 5 | $F_5$ |
| 7883 | Delph. | $\iota$ 5 | 4339 | 3607 | .. | 33.0 | +11 2 | 5.43 | 13 | .. | .. | 17 | .. | 03 | .. | .. | 13 | .. | 24 | 17b | .. | .. | 13 | 04 | A 2 | $A_2$ |
| 7884 | Aquila | l 71 | 4016 | 3608 | 28291 | 33.2 | − 1 27 | 4.51 | 07 | .. | .. | .. | .. | 00 | 06 | 01 | 09 | .. | 12 | .. | .. | .. | 19 | 91 | K | $K_0$ |
| 7885 | Cygnus | 48 | 4159 | 3610 | .. | 33.4 | +31 13 | 6.24 | 03 | .. | .. | .. | .. | 04 | .. | .. | 01 | .. | 32 | 42a | .. | .. | 06 | .. | A | $A_0$ |
| 7886 | Delph. | — | 4370 | .. | .. | 33.4 | +17 55 | 6.27 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25d | .. | .. | .. | .. | Mc | Mc |
| 7887 | Cygnus | — | 4160 | 3611 | .. | 33.5 | +31 10 | 6.38 | 02 | .. | .. | .. | .. | 01 | .. | .. | 15 | .. | 26 | 35b | .. | .. | 02 | .. | A | $F_0$ |
| 7888 | Cygnus | — | 4002 | 3612 | .. | 33.6 | +37 58 | 6.32 | 08 | .. | .. | .. | .. | 07 | 00 | .. | .. | .. | 01 | 04b | .. | .. | 08 | .. | K | $K_0$ |
| 7889 | Capric. | $\tau$ 14 | 5743 | 3609 | 28298 | 33.7 | −15 18 | 5.30 | 00 | .. | 02 | .. | .. | 13 | .. | 16 | 20 | .. | .. | .. | .. | .. | 05 | 08 | B 5 | $B_5$ |
| 7890 | Aquar. | — | 5328 | 3613 | 28313 | 34.0 | − 2 46 | 6.26 | 04 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | .. | 04 | 11 | A | $B_9$ |
| 7891 | Vulpec. | 29 | 4658 | 3616 | .. | 34.1 | +20 51 | 4.78 | 04 | .. | .. | .. | .. | 07 | 04 | .. | 02 | .. | 10 | 26b | .. | .. | 42 | 08 | A | $A_0$ |
| 7892 | Delph. | $\theta$ 8 | 4411 | 3615 | .. | 34.1 | +12 58 | 6.06 | 04 | .. | .. | 14 | .. | 17 | .. | .. | 16 | .. | 07 | 34d | .. | .. | 36 | .. | K | $K_5$ |
| 7893 | Microsc. | — | 15119 | 7142 | 28305 | 34.1 | −33 47 | 5.54 | .. | 17 | .. | .. | 06 | 17 | 05 | 03 | .. | .. | .. | .. | .. | .. | 01 | 15. | K | $K_2$ |
| 7894 | Vulpec. | 28 | 4084 | 3619 | .. | 34.2 | +23 46 | 5.04 | 05 | .. | .. | .. | .. | 04 | .. | .. | 06 | .. | 29 | 21a | .. | .. | 06 | 12 | B 5 | $B_5$ |
| 7895 | Vulpec. | — | 4085 | 3621 | .. | 34.3 | +23 19 | 6.13 | 13 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | 01c | .. | .. | 07 | .. | G | — $K_0$ comp $A_3$ |
| 7896 | Delph. | $\kappa$ 7 | 4600 | 3620 | .. | 34.3 | + 9 44 | 5.23 | 14 | .. | .. | 12 | .. | 01 | .. | .. | 18 | .. | 10 | 06c | .. | .. | 18 | 58 | G 2 | $G_5$ |
| 7897 | Aquar. | 1 | 4064 | 3617 | .. | 34.3 | + 0 8 | 5.39 | 06 | .. | 01 | .. | .. | 04 | .. | .. | 29 | .. | 11 | .. | .. | .. | 02 | 52 | G 5 | $K_0$ |
| 7898 | Capric. | — | 16193 | .. | 28314 | 34.3 | −24 9 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 6. | G | $G_0$ |
| 7899 | Delph. | — | 4220 | 3622 | .. | 34.4 | +15 29 | 5.92 | 01 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | .. | 38a | .. | .. | 38 | 68 | B 2 | $B_2$ |
| 7900 | Capric. | $\upsilon$ 15 | 5738 | 3618 | 28317 | 34.4 | −18 29 | 5.33 | 02 | .. | .. | .. | .. | 14 | 02 | 15 | 13 | .. | .. | .. | .. | .. | 03 | .. | Ma | ma |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**20h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7901 | Draco | 75 | *659* | 3627 | .. | 34.5 | +81 5 | 5.62 | 01 | .. | 05 | .. | .. | *06* | .. | .. | *32* | .. | 16 | *24*d | .. | .. | *02* | 44 | K | |
| 7902 | Capric. | — | 14959 | .. | 28323 | 34.6 | −27 0 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | *01* | 8. | F | G0 |
| 7903 | Vulpec. | — | 4305 | 3623 | .. | 34.7 | +21 28 | 5.94 | *02* | .. | .. | .. | .. | 02 | 00 | .. | .. | .. | .. | 51b | .. | .. | 16 | 13 | A | A0 |
| 7904 | Cygnus | — | 4121 | .. | .. | 34.9 | +29 59 | 5.86 | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | *13*d | .. | .. | .. | .. | F5 | K0 |
| 7905 | Capric. | — | 5663 | .. | 28335 | 34.9 | −16 29 | 5.91 | .. | .. | .. | *10* | .. | 05 | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 7906 | Delph. | α 9 | 4222 | 3624 | .. | 35.0 | +15 34 | 3.86 | 10 | .. | .. | .. | .. | *09* | .. | .. | 09 | .. | 07 | 28b | .. | .. | 14 | *07* | B8 | B8 |
| 7907 | Delph. | — | 4351 | .. | .. | 35.1 | +10 53 | 6.42 | .. | .. | 04 | .. | .. | *03* | .. | .. | .. | .. | .. | 23b | .. | .. | .. | .. | G | F8 |
| 7908 | Draco | 74 | 660 | 3630 | .. | 35.2 | +80 44 | 6.10 | 00 | .. | 00 | .. | .. | *01* | .. | .. | 00 | .. | .. | 16c | .. | .. | 03 | 33 | K | |
| 7909 | Microsc. | — | *16130* | *7147* | 28337 | 35.2 | −31 57 | 5.80 | .. | *16* | .. | .. | *02* | 15 | 08 | *04* | .. | .. | .. | .. | .. | .. | 06 | 18. | Ma | Ma |
| 7910 | Capric. | — | 15192 | .. | 28346 | 35.4 | −26 21 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | *45* | 11. | G2 | K0 |
| 7911 | Cygnus | — | 4266 | 3625 | .. | 35.9 | +40 13 | 5.93 | 14 | .. | *06* | .. | .. | *07* | .. | .. | .. | .. | 12 | 45b | .. | .. | 07 | *18* | A | B8 |
| 7912 | Cygnus | — | 3233 | .. | .. | 36.0 | +45 19 | 6.46 | .. | .. | *04* | .. | .. | .. | 05 | .. | .. | .. | .. | 36a | .. | .. | .. | 03 | B5 | B3 |
| 7913 | Pavo | β | 3501 | *7150* | 28338 | 36.0 | −66 34 | 3.60 | .. | .. | .. | .. | *06* | .. | .. | 07 | .. | 01 | .. | .. | *30* | .. | *08* | 7. | A5 | A5 |
| 7914 | Delph. | — | 4484 | .. | .. | 36.2 | +19 33 | 6.40 | .. | .. | *05* | .. | .. | .. | 04 | .. | .. | .. | .. | 16b | .. | .. | .. | .. | F8 | G5 |
| 7915 | Microsc. | — | *13994* | *7151* | 28361 | 36.3 | −39 55 | 6.38 | .. | .. | .. | .. | 03 | .. | *01* | *02* | .. | .. | .. | .. | .. | .. | .. | 9. | K | K0 |
| 7916 | Cygnus | — | 2444 | .. | .. | 36.4 | +55 39 | 6.50 | .. | .. | *14* | .. | .. | .. | 14 | .. | .. | .. | .. | 18b | .. | .. | .. | *45* | G | F0 |
| 7917 | Cygnus | — | 4131 | .. | .. | 36.5 | +29 27 | 6.09 | .. | .. | 02 | .. | .. | *02* | .. | .. | .. | .. | .. | 17a | .. | .. | .. | *02* | A | A0 |
| 7918 | Delph. | 10 | 4393 | 3626 | .. | 36.5 | +14 14 | 6.19 | 08 | .. | 05 | .. | .. | 01 | *13* | .. | *21* | .. | .. | 03d | .. | .. | 11 | .. | G5 | K2 |
| 7919 | Cygnus | — | *3818* | 3628 | .. | 36.6 | +43 5 | 6.15 | 15 | .. | .. | .. | .. | *15* | .. | .. | .. | .. | 05 | 05c | .. | .. | *05* | .. | K | K0 |
| 7920 | Indus | η | 11752 | *7152* | 28363 | 36.7 | −52 17 | 4.70 | .. | .. | .. | .. | 03 | .. | .. | *02* | .. | .. | .. | .. | .. | 05 | .. | 05 | 3. | F | F0 |
| 7921 | Cygnus | 49 | 4181 | 3629 | .. | 37.0 | +31 57 | 5.77 | 07 | .. | .. | .. | .. | *07* | .. | .. | *07* | .. | 16 | *06*c | .. | .. | *17* | 71 | A | G5 |
| 7922 | Cygnus | — | 4187 | .. | .. | 37.3 | +38 43 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32a | .. | .. | .. | *06* | A | B9 |
| 7923 | Delph. | — | 4382 | .. | .. | 37.4 | +17 11 | 6.27 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 21c | .. | .. | .. | .. | G | K0 |
| 7924 | Cygnus | α 50 | 3541 | 3631 | .. | 38.0 | +44 55 | 1.33 | 14 | .. | .. | *06* | .. | *08* | .. | .. | 52 | 36 | *01* | 26a | .. | .. | 20 | R | A2 | A2p |
| 7925 | Cepheus | — | *2272* | 3633 | .. | 38.2 | +60 9 | 5.95 | *06* | .. | 01 | .. | .. | *04* | 10 | .. | .. | .. | 11 | 23b | .. | .. | *05* | 22 | F | F5 |
| 7926 | Cygnus | — | 3856 | 3632 | .. | 38.3 | +41 22 | 5.60 | *08* | .. | .. | .. | .. | 07 | .. | .. | .. | .. | 11 | 29a | .. | .. | *10* | 05 | A | B8 |
| 7927 | Cygnus | — | *4127* | 3634 | .. | 38.5 | +35 5 | 6.50 | 04 | .. | 07 | .. | .. | *10* | .. | .. | .. | .. | *20* | 46a | .. | .. | 00 | .. | A | B3 |
| 7928 | Delph. | δ 11 | 4403 | 3635 | .. | 38.8 | +14 43 | 4.53 | 04 | .. | .. | *06* | .. | 03 | .. | .. | 07 | .. | 06 | 01b | .. | 08 | 07 | 26 | A2 | A5 |
| 7929 | Cygnus | 51 | 3353 | 3636 | .. | 39.1 | +49 59 | 5.41 | 03 | .. | .. | .. | .. | *04* | 01 | .. | *31* | .. | 12 | 28a | .. | .. | *01* | *07* | B3 | B3 |
| 7930 | Cepheus | — | 588 | .. | .. | 39.2 | +83 16 | 6.16 | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | 39b | .. | .. | .. | *22* | A | A2 |
| 7931 | Capric. | — | 15014 | .. | 28437 | 39.2 | −27 37 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 7. | F | G5 |
| 7932 | Cygnus | X | 4234 | 3637 | .. | 39.5 | +35 14 | var. | v | .. | v | .. | .. | v | .. | .. | .. | .. | v | .. | .. | .. | v | .. | F5p | G0p |
| 7933 | Microsc. | — | 13960 | *7161* | 28444 | 39.8 | −39 34 | 5.53 | .. | *13* | .. | .. | 14 | *22* | *08* | 30 | .. | .. | .. | .. | .. | .. | 12 | 5. | A | B8 |
| 7934 | Pavo | σ | 3138 | *7162* | 28430 | 39.8 | −69 9 | 5.47 | .. | .. | .. | .. | 05 | .. | .. | *05* | .. | .. | .. | .. | *22* | .. | 01 | 15. | K | K0 |
| 7935 | Microsc. | — | 14396 | .. | 28448 | 39.9 | −36 29 | 6.48 | .. | .. | .. | .. | .. | .. | *13* | 13 | .. | .. | .. | .. | .. | .. | .. | 5. | F | F2 |
| 7936 | Capric. | ψ 16 | 15018 | 3638 | 28455 | 40.2 | −25 38 | 4.26 | 07 | .. | .. | *14* | .. | 03 | .. | 02 | 04 | .. | .. | .. | .. | .. | 02 | 58 | F8 | F8 |
| 7937 | Capric. | 17 | *5523* | 3639 | 28462 | 40.4 | −21 53 | 5.89 | *12* | .. | .. | 00 | .. | *01* | *07* | 18 | *39* | .. | .. | .. | .. | .. | *07* | *33* | A | A0 |
| 7938 | Cepheus | — | 2154 | 3641 | .. | 40.5 | +60 14 | 6.11 | 12 | .. | *10* | .. | .. | *03* | .. | .. | .. | .. | 05 | 25b | .. | .. | *01* | *36* | A | A0 |
| 7939 | Vulpec. | 30 | 4229 | 3640 | .. | 40.6 | +24 55 | 5.13 | 00 | .. | .. | .. | .. | 00 | .. | .. | 17 | .. | *11* | *03*e | .. | .. | 07 | 111 | K | K2 |
| 7940 | Cepheus | — | 2477 | .. | .. | 40.7 | +56 46 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 27b | .. | .. | .. | *49* | B3 | B3 |
| 7941 | Delph. | U | 4401 | .. | .. | 40.9 | +17 44 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | vd | .. | .. | .. | .. | Md | Mb |
| 7942 | Cygnus | 52 | 4167 | 3643 | .. | 41.6 | +30 21 | 4.34 | *05* | .. | .. | .. | .. | 06 | .. | .. | *04* | .. | 19 | 12d | .. | .. | .. | 120 | G5 | K0 |
| 7943 | Microsc. | ι | 14145 | *7166* | 28490 | 41.7 | −44 22 | 5.14 | .. | .. | .. | .. | 04 | *01* | *14* | 12 | .. | .. | .. | .. | *29* | .. | 06 | 11. | A5 | F0 |
| 7944 | Cepheus | — | *2462* | 3644 | .. | 41.8 | +56 8 | 6.24 | 10 | .. | *23* | .. | .. | 14 | .. | .. | .. | .. | .. | *14*e | .. | .. | .. | .. | Ma | Ma |
| 7945 | Cepheus | 4 | 1318 | 3650 | .. | 41.9 | +66 18 | 5.57 | *03* | 02 | .. | .. | .. | 02 | 00 | .. | *07* | .. | *07* | 20b | .. | 14 | *07* | 14 | A | A5 |
| 7946 | Aquar. | — | *5018* | .. | 28506 | 41.9 | − 2 52 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K2 |
| 7947 | Delph. | — | 4255 | 3645 | .. | 42.0 | +15 46 | 5.47 | 04 | .. | .. | .. | .. | *05* | .. | .. | 03 | .. | R | 07c | .. | 18 | 08 | 72 | G5 | G5 |
| 7948 | Delph. | γ 12 | | 3646 | | 42.0 | +15 46 | 4.49 | | | | | | | | | | | R | | | | | | | |
| 7949 | Cygnus | ε 53 | 4018 | 3648 | .. | 42.2 | +33 36 | 2.64 | 05 | .. | .. | .. | .. | *06* | .. | .. | 10 | .. | *19* | 08d | .. | .. | 00 | 121 | K | K0 |
| 7950 | Aquar. | ε 2 | *5506* | 3647 | 28511 | 42.3 | − 9 52 | 3.83 | *02* | .. | 15 | .. | .. | 01 | *20* | 07 | 27 | .. | .. | .. | .. | .. | 09 | *28* | A | A0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**20h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalouge Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 7951 | Aquar. | k 3 | 5378 | 3649 | 28517 | 42.5 | − 5 24 | 4.60 | 02 | .. | 07 | .. | .. | 18 | 06 | 19 | 50 | .. | 24 | .. | .. | .. | 08 | .. | Ma | ma |
| 7952 | Indus | ζ | 13718 | 7168 | 28510 | 42.6 | −46 36 | 4.90 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | 05 | .. | 00 | 18. | K5 | K5− |
| 7953 | Delph. | 13 | 4613 | 3651 | .. | 42.8 | + 5 38 | 5.59 | 06 | .. | .. | 09 | .. | 04 | .. | .. | 09 | .. | 13 | 13b | .. | .. | 19 | 18 | A | A0 |
| 7954 | Aquar. | — | 4250 | .. | .. | 42.8 | + 2 57 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 27b | .. | .. | .. | .. | A | A0 |
| 7955 | Cepheus | — | 2240 | 3653 | .. | 42.9 | +57 13 | 4.63 | 07 | .. | .. | .. | .. | 03 | 11 | .. | .. | .. | 09 | 04c | .. | .. | 03 | 66 | G | G0 |
| 7956 | Cygnus | T | 4028 | 3654 | .. | 43.2 | +34 0 | 5.20 | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | vd | .. | .. | 05 | 115 | K | K0 |
| 7957 | Cepheus | η 3 | 2050 | 3656 | .. | 43.3 | +61 27 | 3.59 | 00 | 00 | .. | .. | .. | 01 | 02 | .. | 14 | .. | 06 | 05c | .. | 20 | 01 | 129 | K | K0 |
| 7958 | Cygnus | — | 3270 | .. | .. | 43.3 | +46 10 | 6.26 | .. | .. | 06 | .. | .. | 13 | 06 | .. | .. | .. | .. | 28a | .. | .. | .. | .. | A | A2 |
| 7959 | Pavo | — | 6180 | 7170 | 28519 | 43.3 | −62 48 | 6.59 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | 29 | .. | 22 | 1. | A | A2 |
| 7960 | Pavo | — | | | 28520 | 43.3 | −62 48 | 6.59 | | | | | | | | | | | | | | | | | B9 | |
| 7961 | Capric. | — | 15282 | 3652 | 28539 | 43.4 | −26 9 | 5.78 | 05 | .. | .. | 02 | .. | 02 | .. | 09 | .. | .. | .. | .. | .. | .. | 07 | 5. | B8 | B8 |
| 7962 | Cygnus | — | 2799 | .. | .. | 43.5 | +52 38 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 04d | .. | .. | .. | .. | G5 | K0 |
| 7963 | Cygnus | λ 54 | 4267 | 3655 | .. | 43.5 | +36 7 | 4.47 | 10 | .. | .. | .. | .. | 10 | .. | .. | 03 | .. | 43 | 39b | .. | .. | 13 | 15 | B5 | B5− |
| 7964 | Capric. | — | 5783 | .. | 28550 | 43.6 | −18 25 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 7965 | Microsc. | α | 14660 | 7171 | 28544 | 43.8 | −34 9 | 5.00 | .. | 04 | .. | .. | 02 | 03 | 04 | 04 | .. | .. | .. | .. | .. | 05 | 02 | 15. | K | K0 |
| 7966 | Cygnus | — | 3275 | .. | .. | 43.9 | +45 13 | 6.69 | .. | .. | 02 | .. | .. | .. | 02 | .. | .. | .. | .. | 25d | .. | .. | .. | .. | Ma | K5− |
| 7967 | Cepheus | — | 1127 | .. | .. | 43.9 | +69 23 | 6.52 | .. | .. | 03 | .. | .. | .. | 03 | .. | .. | .. | .. | 15c | .. | .. | .. | 37 | K | K0 |
| 7968 | Indus | ι | 11782 | 7174 | 28555 | 44.3 | −51 59 | 5.16 | .. | .. | .. | .. | 06 | .. | .. | 07 | .. | .. | .. | .. | 36 | .. | 12 | 14. | K | K0 |
| 7969 | Cygnus | — | 3188 | 3657 | .. | 44.6 | +47 28 | 5.65 | 11 | .. | .. | .. | .. | 12 | 24 | .. | .. | .. | .. | 05d | .. | .. | 37 | .. | K | K0 |
| 7970 | Microsc. | — | 16236 | .. | 28567 | 44.6 | −32 25 | 6.46 | .. | .. | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | 12. | K | K5− |
| 7971 | Microsc. | — | 14250 | 7175 | 28565 | 44.6 | −38 17 | 5.55 | .. | 05 | .. | .. | 04 | 07 | 06 | 04 | .. | .. | .. | .. | .. | .. | 05 | 8. | K | K0 |
| 7972 | Cygnus | — | 2954 | 3660 | .. | 44.9 | +52 3 | 6.34 | 06 | .. | .. | .. | .. | 01 | 06 | .. | .. | .. | .. | 12c | .. | .. | 06 | .. | G | G5− |
| 7973 | Delph. | 15 | 4472 | 3658 | .. | 44.9 | +12 11 | 6.00 | 20 | .. | .. | 04 | .. | 06 | 12 | .. | 00 | .. | 15 | 12c | .. | .. | 10 | .. | F | F5− |
| 7974 | Delph. | 14 | 4556 | 3659 | .. | 44.9 | + 7 30 | 6.23 | 09 | .. | .. | 15 | .. | 06 | .. | .. | 13 | .. | 07 | 03b | .. | .. | 13 | .. | A | A0 |
| 7975 | Delph. | — | 4626 | .. | .. | 45.0 | + 5 11 | 6.30 | .. | .. | 11 | .. | .. | .. | 10 | .. | .. | .. | .. | 01d | .. | .. | .. | .. | K | K0 |
| 7976 | Aquar. | — | 5773 | .. | 28588 | 45.2 | −12 54 | 5.99 | .. | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | .. | .. | .. | .. | .. | .. | G5 | K0 |
| 7977 | Cygnus | 55 | 3291 | 3662 | .. | 45.5 | +45 45 | 4.89 | 11 | .. | .. | .. | .. | 12 | 01 | .. | 01 | .. | 50 | 06b | .. | .. | .. | R | B2 | B2 |
| 7978 | Cygnus | — | 2957 | 3663 | .. | 45.7 | +51 32 | 6.28 | 09 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | .. | 25a | .. | .. | 07 | 27 | A | B9 |
| 7979 | Microsc. | β | 15245 | 7181 | 28597 | 45.8 | −33 33 | 6.03 | .. | 19 | .. | .. | 17 | 14 | 07 | 24 | .. | .. | .. | .. | 43 | .. | 09 | 4. | A2 | A2 |
| 7980 | Capric. | ω 18 | 15082 | 3661 | 28598 | 45.9 | −27 18 | 4.24 | 19 | .. | .. | 01 | .. | 03 | .. | 17 | 51 | .. | .. | .. | .. | .. | 02 | 25. | Ma | Ma |
| 7981 | Delph. | — | 4431 | .. | .. | 46.0 | +17 40 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 49b | .. | .. | .. | 24 | A | A0 |
| 7982 | Aquar. | 4 | 5604 | .. | 28612 | 46.1 | − 6 0 | 5.99 | .. | .. | .. | 25 | .. | 17 | .. | 09 | 29 | .. | .. | .. | .. | .. | 01 | .. | F | F2 |
| 7983 | Cygnus | — | 3067 | .. | .. | 46.5 | +46 17 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06a | .. | .. | .. | 23 | A | B3 |
| 7984 | Cygnus | 56 | 3739 | 3665 | .. | 46.6 | +43 41 | 5.07 | 07 | .. | .. | .. | .. | 07 | .. | .. | 15 | .. | 18 | 11b | .. | .. | 30 | 23 | A8 | A5− |
| 7985 | Aquar. | 5 | 5606 | 3664 | 28626 | 46.8 | − 5 52 | 5.50 | 02 | .. | .. | .. | .. | 01 | 09 | 06 | 00 | .. | 24 | .. | .. | .. | 10 | 00 | B8 | B8 |
| 7986 | Indus | β | 7788 | 7191 | 28615 | 47.0 | −58 50 | 3.72 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | 13 | .. | .. | 07 | .. | 00 | 25. | K | K0 |
| 7987 | Microsc. | — | 14078 | 7192 | 28625 | 47.1 | −40 11 | 5.42 | .. | 12 | .. | .. | 10 | 11 | 01 | 07 | .. | .. | .. | .. | .. | .. | 12 | 10. | K5 | K2 |
| 7988 | Vulpec. | T | 3890 | 3667 | .. | 47.2 | +27 52 | var. | v | .. | .. | .. | .. | v | .. | .. | .. | .. | .. | .. | .. | .. | v | v | F | F8 |
| 7989 | Capric. | — | 16328 | .. | 28629 | 47.2 | −24 9 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 31 | 10. | G | G5− |
| 7990 | Aquar. | μ 6 | 5598 | 3666 | 28640 | 47.3 | − 9 22 | 4.80 | 03 | .. | 29 | .. | .. | 21 | 08 | 05 | 24 | .. | 08 | .. | .. | .. | 20 | 45 | F | A3 |
| 7991 | Microsc. | — | 17917 | .. | 28633 | 47.3 | −31 5 | 6.46 | .. | .. | .. | .. | .. | .. | 03 | 04 | .. | .. | .. | .. | .. | .. | .. | 9. | K | K0 |
| 7992 | Indus | — | 12748 | .. | 28628 | 47.4 | −51 6 | 6.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 01 | 1. | B8 | B9 |
| 7993 | Cepheus | — | 1663 | 3670 | .. | 47.6 | +63 40 | 6.38 | 00 | .. | .. | .. | .. | 03 | 04 | .. | .. | .. | .. | 11 | 33b | .. | 07 | 13 | A5 | B0 |
| 7994 | Aquar. | — | 5854 | .. | 28645 | 47.7 | −11 57 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | B0 |
| 7995 | Vulpec. | 31 | 4017 | 3668 | .. | 47.8 | +26 43 | 4.76 | 03 | .. | .. | .. | .. | 09 | 12 | .. | 04 | .. | 14 | 04c | .. | .. | 24 | 97 | K | B5− |
| 7996 | Cygnus | — | 3974 | .. | .. | 47.9 | +32 28 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 39a | .. | .. | .. | 41 | A | B5− |
| 7997 | Microsc. | — | 16975 | .. | 28656 | 48.1 | −28 18 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 8. | Mb | Ma |
| 7998 | Aquar. | — | 5433 | 3671 | 28671 | 48.7 | − 7 16 | 6.50 | 06 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 01 | .. | .. | .. | 02 | .. | F | F0 |
| 7999 | Cygnus | — | 4221 | .. | .. | 48.9 | +29 17 | 6.40 | .. | .. | 01 | .. | .. | .. | 01 | .. | .. | .. | .. | 14c | .. | .. | .. | .. | A | K2 |
| 8000 | Capric. | 19 | 5805 | 3672 | 28675 | 49.1 | −18 18 | 5.91 | 12 | .. | .. | .. | .. | 18 | .. | 07 | 11 | .. | .. | .. | .. | .. | 09 | .. | G2 | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**20h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8001 | Cygnus | 57 | 3755 | 3673 | .. | 49.7 | +44 0 | 4.68 | 09 | .. | .. | .. | .. | 12 | 03 | .. | 02 | .. | 16 | 29a | .. | .. | 01 | 01 | B 3 | B3 |
| 8002 | Draco | 76 | 718 | 3683 | .. | 49.8 | +82 10 | 5.69 | 04 | .. | 04 | .. | .. | 00 | .. | .. | 11 | .. | 02 | 47a | .. | .. | 07 | 28 | A | |
| 8003 | Cygnus | — | 3617 | 3675 | .. | 49.8 | +44 48 | 5.59 | 01 | .. | 03 | .. | .. | 06 | 02 | .. | .. | .. | 20 | 00d | .. | .. | 06 | 100 | K | K0 |
| 8004 | Cygnus | — | 3922 | .. | .. | 49.8 | +42 2 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 37a | .. | .. | .. | 04 | A | A0 |
| 8005 | Cygnus | — | 3980 | 3674 | .. | 49.8 | +33 3 | 5.68 | 09 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | .. | 14d | .. | .. | 12 | .. | G | K2 |
| 8006 | Aquar. | — | 4075 | .. | 28693 | 50.0 | − 1 45 | 6.58 | .. | .. | 09 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | F0 |
| 8007 | Vulpec. | — | 3909 | .. | .. | 50.1 | +28 8 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 44a | .. | .. | .. | 33 | A | B3 |
| 8008 | Vulpec. | 32 | 3911 | 3676 | .. | 50.3 | +27 41 | 5.24 | 13 | .. | .. | .. | .. | 02 | 10 | .. | 17 | .. | 07 | 12e | .. | .. | 14 | 102 | K | K2 |
| 8009 | Cygnus | — | 4354 | .. | .. | 50.7 | +40 20 | 6.48 | .. | .. | 09 | .. | .. | .. | 10 | .. | .. | .. | .. | 48a | .. | .. | .. | 12 | B 8 | B8 |
| 8010 | Equul. | — | 4461 | 3677 | .. | 50.7 | + 4 9 | 6.04 | 14 | .. | .. | .. | .. | 15 | R | .. | .. | .. | 11 | 12c | .. | .. | 04 | .. | G 5 | G0 |
| 8011 | Delph. | 17 | 4572 | 3679 | .. | 50.9 | +13 21 | 5.39 | 04 | .. | .. | 03 | .. | 01 | .. | .. | 09 | .. | 01 | 19d | .. | .. | 11 | 99 | K | K0 |
| 8012 | Delph. | 16 | 4501 | 3680 | .. | 50.9 | +12 12 | 5.54 | 11 | .. | .. | 14 | .. | 03 | .. | .. | 04 | .. | 26 | 04b | .. | .. | 14 | 30 | A | A2 |
| 8013 | Capric. | — | 15344 | 3678 | 28702 | 50.9 | −26 41 | 5.77 | 15 | .. | .. | 12 | .. | 07 | 14 | 16 | .. | .. | .. | .. | .. | .. | 07 | 7. | F 8 | F8 |
| 8014 | Aquar. | — | 5307 | .. | 28708 | 51.1 | − 3 57 | 6.47 | .. | .. | .. | .. | .. | 04 | 04 | .. | .. | .. | .. | .. | .. | .. | 43 | .. | A | B9 |
| 8015 | Aquar. | 7 | 5553 | 3681 | 28715 | 51.5 | −10 5 | 5.68 | 01 | .. | 07 | .. | .. | 21 | 02 | 12 | 21 | .. | .. | .. | .. | .. | 10 | .. | K | K2 |
| 8016 | Draco | — | 672 | 3691 | .. | 52.1 | +80 11 | 5.58 | 13 | .. | 02 | 09 | .. | 04 | .. | .. | .. | .. | 38 | 18c | .. | .. | 13 | 66 | K | K0 |
| 8017 | Aquar. | — | 4132 | .. | 28726 | 52.1 | + 0 5 | 6.26 | .. | .. | 12 | .. | .. | 01 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K 5 | K2 |
| 8018 | Capric. | — | 5741 | 3682 | 28725 | 52.1 | −16 25 | 5.95 | 06 | .. | .. | .. | .. | 03 | 24 | 20 | .. | .. | .. | .. | .. | .. | 05 | 16 | A | A3 |
| 8019 | Pavo | — | 3398 | .. | 28713 | 52.3 | −68 36 | 6.47 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | A | A0 |
| 8020 | Cygnus | — | 3111 | 3684 | .. | 52.4 | +47 2 | 5.76 | 08 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 24 | 08c | .. | .. | 26 | 45 | B 8 | B8p |
| 8021 | Octans | α | 1474 | 7213 | 28706 | 52.6 | −77 24 | 5.24 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | 14 | .. | 41 | 14. | F 5 | F2 |
| 8022 | Cygnus | — | 3232 | .. | .. | 53.1 | +50 41 | 6.35 | .. | .. | 08 | .. | .. | 02 | 10 | .. | .. | .. | .. | 41a | .. | .. | .. | 00 | B 8 | B8 |
| 8023 | Cygnus | — | 3639 | .. | .. | 53.1 | +44 33 | 6.01 | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | 21b | .. | .. | .. | 04 | Oe 5 | Oe5 |
| 8024 | Aquar. | — | 5848 | 3685 | 28739 | 53.2 | −14 52 | 6.02 | 06 | .. | 04 | .. | .. | 14 | 08 | 04 | .. | .. | .. | .. | .. | .. | 07 | .. | A 2 | A3 |
| 8025 | Cygnus | — | 3233 | 3686 | .. | 53.3 | +50 20 | 5.80 | 07 | .. | .. | .. | .. | 07 | .. | .. | .. | .. | .. | 27b | .. | .. | 10 | 44 | A 5 | F0 |
| 8026 | Cygnus | — | 3249 | .. | .. | 53.3 | +48 48 | 5.98 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06d | .. | .. | .. | 85 | K | K0 |
| 8027 | Indus | — | 12778 | 7215 | 28735 | 53.3 | −51 39 | 5.88 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | 18 | 3. | F 5 | F5 |
| 8028 | Cygnus | ν 58 | 4364 | 3687 | .. | 53.4 | +40 47 | 4.04 | 05 | .. | .. | .. | .. | 05 | .. | .. | 21 | .. | 19 | 06b | .. | .. | 16 | 11 | A | A0 |
| 8029 | Cepheus | — | 2515 | 3692 | .. | 53.6 | +56 29 | 6.14 | 05 | .. | .. | .. | .. | 06 | .. | .. | .. | .. | .. | 26a | .. | .. | 06 | 27 | A | B3 |
| 8030 | Delph. | 18 | 4425 | 3688 | .. | 53.6 | +10 28 | 5.61 | 00 | .. | .. | 09 | .. | 10 | .. | .. | 04 | .. | 05 | 13c | .. | .. | 11 | .. | G | K0 |
| 8031 | Microsc. | — | 14530 | .. | 28745 | 53.7 | −36 31 | 6.12 | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | .. | 07 | 6. | F | F0 |
| 8032 | Vulpec. | 33 | 4424 | 3690 | .. | 53.8 | +21 56 | 5.57 | 18 | .. | .. | .. | .. | 12 | 05 | .. | 23 | .. | 08 | 15e | .. | .. | 03 | 110 | G | K5 |
| 8033 | Capric. | 20 | 5982 | 3689 | 28753 | 53.9 | −19 26 | 6.23 | 01 | .. | 04 | .. | .. | 07 | 01 | .. | 50 | .. | .. | .. | .. | .. | 03 | 0. | A | A0p |
| 8034 | Equul. | 1 | 4473 | 3693 | .. | 54.1 | + 3 55 | 5.29 | 08 | .. | .. | 09 | .. | 02 | R | .. | 06 | .. | 12 | 03c | .. | 14 | 26 | 54 | F 5 | F5 |
| 8035 | Cygnus | — | 3777 | 3694 | .. | 54.8 | +44 4 | 5.76 | 18 | .. | .. | .. | .. | 14 | 05 | .. | .. | .. | 27 | 05d | .. | .. | 14 | 67 | K | K0 |
| 8036 | Cygnus | — | 3949 | .. | .. | 54.9 | +41 33 | 6.03 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 37a | .. | .. | .. | 32 | A | B9 |
| 8037 | Delph. | — | 4425 | 3696 | .. | 55.2 | +16 26 | 6.53 | 11 | .. | .. | .. | .. | 04 | 15 | .. | .. | .. | 09 | 43c | .. | .. | 07 | 01 | F | F2 |
| 8038 | Equul. | — | 4718 | 3695 | .. | 55.2 | + 7 7 | 6.03 | 11 | .. | .. | 09 | .. | 02 | .. | .. | .. | .. | .. | 29b | .. | .. | .. | .. | A 5 | A5 |
| 8039 | Microsc. | γ 1 | 16353 | 7225 | 28782 | 55.2 | −32 39 | 4.71 | .. | 11 | .. | .. | 04 | 08 | 03 | 10 | .. | .. | .. | .. | 34 | .. | 07 | 11. | G 5 | G5 |
| 8040 | Cygnus | — | 3426 | 3698 | .. | 55.3 | +50 4 | 5.48 | 01 | .. | 11 | .. | .. | 04 | 09 | .. | .. | .. | 07 | 43b | .. | .. | 27 | 02 | B 8 | B8 |
| 8041 | Aquar. | 11 | 5433 | 3697 | 28795 | 55.3 | − 5 7 | 6.26 | 07 | .. | 04 | .. | .. | 08 | 01 | .. | 04 | .. | 24 | .. | .. | .. | 04 | .. | F 8 | G0 |
| 8042 | Microsc. | — | 14325 | 7226 | 28791 | 55.6 | −43 23 | 6.51 | .. | .. | .. | .. | 02 | 06 | .. | 09 | .. | .. | .. | .. | .. | .. | 29 | 1. | K | G5 |
| 8043 | Cepheus | — | 764 | 3702 | .. | 55.9 | +75 32 | 6.21 | 08 | .. | 01 | .. | .. | 04 | 14 | .. | .. | .. | .. | 10c | .. | .. | 16 | 45 | K | G5 |
| 8044 | Delph. | — | 4675 | 3700 | .. | 55.9 | +18 57 | 5.96 | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 04 | 39d | .. | .. | 14 | .. | Ma | ma |
| 8045 | Capric. | — | 15197 | 3699 | 28807 | 55.9 | −27 17 | 5.92 | 02 | .. | .. | 05 | .. | 03 | .. | 11 | .. | .. | .. | .. | .. | 16 | 08 | 5. | A 5 | A2 |
| 8046 | Microsc. | — | 14079 | 7227 | 28810 | 56.0 | −38 55 | 5.94 | .. | 20 | .. | .. | 03 | 19 | 05 | 01 | .. | .. | .. | .. | .. | .. | 04 | 11. | K | K0 |
| 8047 | Cygnus | f¹ 59 | 3133 | 3701 | .. | 56.4 | +47 8 | 4.86 | 29 | .. | .. | .. | .. | 15 | 13 | .. | 04 | .. | 12 | 09b | .. | .. | 04 | 32 | B p | B0p |
| 8048 | Microsc. | ζ | 14089 | 7228 | 28821 | 56.6 | −39 1 | 5.35 | .. | 11 | .. | .. | 16 | 05 | 07 | 09 | .. | .. | .. | .. | 35 | .. | 27 | 4. | F | F0 |
| 8049 | Cepheus | — | 2201 | 3704 | .. | 57.0 | +59 2 | 5.75 | 08 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 26 | 16c | .. | .. | 05 | 80 | K | K2 |
| 8050 | Microsc. | — | 17077 | .. | 28837 | 57.2 | −28 7 | 6.19 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 10. | G 5 | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**20h — 21h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8051 | Cygnus | — | 4357 | .. | .. | 57.3 | +35 38 | 6.08 | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | .. | 05c | .. | .. | .. | .. | F | K0 |
| 8052 | Octans | — | 1473 | .. | 28806 | 57.3 | −76 36 | 6.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 21 | .. | .. | 7. | K5 | K0 |
| 8053 | Cygnus | 60 | 3364 | 3705 | .. | 57.6 | +45 46 | 5.24 | 06 | .. | .. | .. | .. | 09 | 03 | .. | 06 | .. | 11 | 36a | .. | .. | 04 | 01 | B3 | B3 |
| 8054 | Aquar. | — | 4095 | .. | 28858 | 57.8 | − 1 19 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | B8 | B8 |
| 8055 | Indus | μ | 9509 | 7235 | 28844 | 57.9 | −55 7 | 5.20 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 15 | 13. | K | K0 |
| 8056 | Equul. | — | 4648 | .. | .. | 58.0 | + 1 8 | 6.50 | .. | .. | 14 | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | F5 | F5 |
| 8057 | Delph. | — | 4518 | .. | .. | 58.3 | +14 20 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 01d | .. | .. | .. | .. | K5 | ma |
| 8058 | Aquar. | 12 | 5664 | 3707 | 28884 | 58.7 | − 6 13 | 7.31 | 18 | .. | .. | .. | .. | 03 | 06 | 14 | 37 | .. | 06 | .. | .. | .. | 07 | .. | F5 | A3 |
| 8059 | Aquar. | — | | | 28885 | 58.7 | − 6 13 | 5.89 | | | | | | | | | | | | | | | | | | F2 |
| 8060 | Capric. | η 22 | 6115 | 3706 | 28879 | 58.7 | −20 15 | 4.93 | 24 | .. | 06 | .. | .. | 03 | 15 | 04 | 20 | .. | .. | .. | .. | .. | 07 | 33 | A3 | G3 |
| 8061 | Pavo | — | 2192 | 7236 | 28851 | 58.8 | −73 34 | 5.83 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | 05 | 8. | F8 | B0 |
| 8062 | Cygnus | — | 3679 | .. | .. | 58.9 | +44 25 | 6.38 | .. | .. | 01 | .. | .. | .. | 00 | .. | .. | .. | .. | 04d | .. | .. | .. | .. | K | mb |
| 8063 | Cygnus | — | 4325 | 3708 | .. | 59.2 | +38 16 | 6.22 | 02 | .. | .. | 05 | .. | 08 | 03 | .. | .. | .. | .. | 08c | .. | .. | 02 | .. | K | K0 |
| 8064 | Cygnus | — | 3374 | .. | .. | 59.3 | +45 27 | 6.23 | .. | .. | 06 | .. | .. | 06 | 11 | .. | .. | .. | .. | 59a | .. | .. | .. | 13 | B8 | B8 |
| 8065 | Cepheus | — | 2524 | 3711 | .. | 59.4 | +56 16 | 5.74 | 15 | .. | .. | 05 | .. | 01 | 18 | .. | .. | .. | 24 | 19b | .. | 19 | 16 | 09 | A | B9 |
| 8066 | Equul. | 3 | 4606 | 3709 | .. | 59.6 | + 5 7 | 5.93 | 02 | .. | 13 | 02 | .. | 09 | .. | .. | 17 | .. | 23 | 32d | .. | .. | 17 | .. | K5 | K2 |
| 8067 | Equul. | — | 4297 | .. | .. | 59.7 | + 2 33 | 6.55 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06d | .. | .. | .. | .. | K | K0 |
| 8068 | Equul. | — | 4418 | 3710 | .. | 59.7 | + 1 54 | 6.42 | 04 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | 01 | 12c | .. | .. | 08 | .. | G5 | B5 |
| 8069 | Microsc. | η | 14379 | 7237 | 28904 | 59.9 | −41 47 | 5.56 | .. | .. | .. | .. | 01 | 06 | 11 | 04 | .. | .. | .. | .. | 21 | .. | 14 | 18. | K | K0 |
| 8070 | Microsc. | δ | 18382 | 7238 | 28907 | 0.0 | −30 31 | 5.71 | .. | 07 | .. | .. | 12 | 08 | 07 | 04 | .. | .. | .. | .. | 11 | .. | 13 | 16. | K | K0 |
| 8071 | Cygnus | — | 3987 | .. | .. | 0.1 | +41 14 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 31c | .. | .. | .. | 02 | A | F2 |
| 8072 | Cygnus | — | 3448 | .. | .. | 0.2 | +49 57 | 6.45 | .. | .. | 08 | .. | .. | 05 | 02 | .. | .. | .. | .. | 14c | .. | .. | .. | .. | G | K0 |
| 8073 | Pavo | — | 4094 | 7240 | 28900 | 0.2 | −64 20 | 5.80 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | 25 | .. | 10 | 16. | K | K0 |
| 8074 | Cygnus | — | 3159 | .. | .. | 0.3 | +46 29 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23b | .. | .. | .. | 30 | A5 | A5 |
| 8075 | Capric. | θ 23 | 6174 | 3712 | 28921 | 0.3 | −17 38 | 4.19 | 10 | .. | .. | 03 | .. | 13 | 08 | 07 | 38 | .. | .. | .. | .. | 10 | 16 | 21 | A | A2 |
| 8076 | Microsc. | 2 | 16398 | 7241 | 28918 | 0.3 | −32 44 | 5.26 | .. | 07 | .. | .. | 11 | 19 | 00 | 01 | .. | .. | .. | .. | 09 | .. | 06 | 12. | K | K0 |
| 8077 | Equul. | 4 | 4697 | 3713 | .. | 0.5 | + 5 34 | 6.03 | 15 | .. | .. | 05 | .. | 11 | .. | .. | 17 | .. | 27 | 11b | .. | .. | 17 | .. | F5 | F8 |
| 8078 | Cygnus | — | 2859 | 3714 | .. | 0.7 | +52 53 | 6.08 | 16 | .. | .. | .. | .. | 15 | 01 | .. | .. | .. | .. | 02c | .. | .. | 13 | 49 | K | K0 |
| 8079 | Cygnus | ξ 62 | 3800 | 3716 | .. | 1.3 | +43 32 | 3.92 | 19 | .. | .. | 15 | .. | 07 | 13 | .. | 02 | .. | 12 | 12e | .. | .. | 03 | 164 | K5 | K5 |
| 8080 | Capric. | A 24 | 15235 | 3715 | 28951 | 1.3 | −25 24 | 4.60 | 03 | .. | .. | 24 | .. | 20 | 01 | R | 45 | .. | .. | .. | .. | .. | 10 | 22. | Ma | ma |
| 8081 | Pavo | — | 2195 | .. | 28915 | 1.3 | −72 57 | 6.22 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | K5 | K0 |
| 8082 | Vulpec. | — | 4073 | .. | .. | 2.1 | +26 32 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05c | .. | .. | .. | .. | K | K2 |
| 8083 | Capric. | — | 5862 | .. | 28968 | 2.1 | −17 51 | 6.03 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A | A0 |
| 8084 | Cygnus | — | 4318 | 3719 | .. | 2.3 | +30 47 | 5.86 | 13 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | 21 | 12b | .. | .. | 14 | 35 | F | F5 |
| 8085 | Cygnus | 61 | 4343 | 3717 | .. | 2.4 | +38 15 | 5.57 | 01 | .. | .. | 03 | .. | 06 | R | .. | 23 | .. | 14 | 13d | .. | .. | 02 | 111 | K5 | K5 |
| 8086 | Cygnus | — | 4344 | 3718 | .. | 2.4 | +38 15 | 6.28 | | | | 19 | | | | | | | | 19e | | | | | | K5 |
| 8087 | Capric. | χ 25 | 5933 | 3720 | 28990 | 2.8 | −21 36 | 5.27 | 01 | .. | .. | 12 | .. | 12 | .. | R | 26 | .. | .. | .. | .. | .. | 23 | 25 | A | A0 |
| 8088 | Delph. | — | 4340 | .. | .. | 2.9 | +15 16 | 6.52 | .. | .. | 22 | 08 | .. | .. | 14 | .. | .. | .. | .. | 06c | .. | .. | .. | 02 | K5 | K0 |
| 8089 | Cygnus | f² 63 | 3292 | 3721 | .. | 3.2 | +47 15 | 4.88 | 19 | .. | .. | .. | .. | 08 | 10 | .. | 00 | .. | 42 | 28d | .. | .. | 03 | 138 | K | K5 |
| 8090 | Equul. | — | 4754 | .. | .. | 3.5 | + 6 36 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13d | .. | .. | .. | .. | Ma | K5 |
| 8091 | Capric. | 27 | 5940 | 3722 | 29014 | 3.9 | −20 57 | 6.15 | 01 | .. | .. | 06 | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | 05 | 3. | F | F0 |
| 8092 | Pavo | o | 2835 | 7258 | 28995 | 4.0 | −70 32 | 5.08 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | 17 | .. | 02 | 16. | Ma | ma |
| 8093 | Aquar. | ν 13 | 5538 | 3723 | 29024 | 4.1 | −11 47 | 4.52 | 11 | .. | .. | .. | .. | 10 | .. | R | 13 | .. | .. | .. | .. | .. | 08 | 118 | K | K0 |
| 8094 | Cygnus | — | 4324 | 3724 | .. | 4.4 | +29 48 | 5.57 | 08 | .. | 04 | .. | .. | 05 | .. | .. | .. | .. | 08 | 41a | .. | .. | 08 | 06 | A | A0 |
| 8095 | Equul. | — | 4311 | .. | .. | 5.0 | + 2 32 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17b | .. | .. | .. | .. | F | F2 |
| 8096 | Aquar. | — | 5674 | 3725 | 29046 | 5.3 | − 9 46 | 6.51 | 10 | .. | 10 | .. | .. | 04 | 15 | .. | .. | .. | .. | .. | .. | .. | 03 | .. | K | K0 |
| 8097 | Equul. | γ 5 | 4732 | 3726 | .. | 5.5 | + 9 44 | 4.76 | 03 | .. | .. | .. | .. | 04 | .. | .. | 01 | .. | 37 | 10b | .. | .. | 14 | 40 | F p | F0p |
| 8098 | Equul. | 6 | 4735 | 3727 | .. | 5.6 | + 9 38 | 5.99 | 10 | .. | 02 | .. | .. | 13 | .. | .. | 59 | .. | .. | 35b | .. | .. | | 90 | A2 | A2 |
| 8099 | Cepheus | — | 1164 | 3728 | .. | 5.8 | +71 2 | 5.96 | 01 | .. | .. | .. | .. | 08 | 08 | .. | .. | .. | 04 | 20c | .. | .. | 13 | 02 | F | F2 |
| 8100 | Microsc. | — | 14216 | 7264 | 29048 | 5.8 | −40 40 | 5.84 | .. | .. | .. | .. | 08 | 10 | 02 | 18 | .. | .. | .. | .. | .. | .. | 09 | 0. | F5 | F5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**21h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8101 | Vulpec. | — | *4486* | .. | .. | 6.0 | +22 3 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | R | .. | .. | .. | *30* | A | A0 |
| 8102 | Aquar. | — | *5908* | .. | 29065 | 6.2 | −14 53 | 6.44 | .. | .. | *03* | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | .. | A 5 | A5 |
| 8103 | Cygnus | — | *3718* | .. | .. | 6.4 | +45 6 | 6.52 | .. | .. | 05 | .. | .. | .. | *06* | .. | .. | .. | .. | 28b | .. | .. | .. | *13* | A | B5 |
| 8104 | Microsc. | — | 14152 | *7267* | 29075 | 6.6 | −39 50 | 5.26 | .. | *11* | .. | .. | *02* | 02 | 04 | 09 | .. | .. | .. | .. | .. | .. | *06* | 3 | F 5 | F5 |
| 8105 | Cygnus | — | 4426 | .. | .. | 7.0 | +35 53 | 6.40 | .. | .. | 02 | .. | .. | .. | *02* | .. | .. | .. | .. | 34a | .. | .. | .. | .. | A | B1 |
| 8106 | Cygnus | — | *2880* | 3730 | .. | 7.1 | +53 9 | 5.73 | 01 | .. | .. | .. | .. | *01* | 00 | .. | .. | .. | 23 | 20a | .. | .. | 02 | *16* | A | B9 |
| 8107 | Cygnus | — | 3322 | .. | .. | 7.1 | +47 17 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 21b | .. | .. | .. | 05 | A | B5 |
| 8108 | Microsc. | — | 14676 | *7270* | 29084 | 7.1 | −36 50 | 6.07 | .. | 04 | .. | .. | *03* | *10* | 07 | 00 | .. | .. | .. | .. | .. | .. | *02* | 9. | K | K0 |
| 8109 | Cepheus | — | 1903 | 3731 | .. | 7.4 | +62 53 | 6.50 | *07* | .. | .. | .. | .. | *03* | 10 | .. | .. | .. | *17* | 24b | .. | .. | *05* | *24* | A | B8 |
| 8110 | *Microsc.* | *3* | 17178 | 3729 | 29093 | 7.4 | −28 2 | 5.55 | 19 | .. | .. | *18* | .. | 00 | *01* | .. | .. | .. | .. | .. | .. | .. | 05 | 12. | K | K5 |
| 8111 | Octans | — | 1697 | .. | 29057 | 7.4 | −75 46 | 6.84 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *79* | .. | .. | 2. | K | A0 |
| 8112 | Cepheus | *77* | 800 | 3733 | .. | 7.5 | +77 43 | 5.90 | *12* | .. | .. | .. | .. | *02* | 14 | .. | *25* | .. | *35* | 28b | .. | .. | 10 | *19* | A | B9 |
| 8113 | Cepheus | T | *1291* | .. | .. | 8.2 | +68 5 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md | Md |
| 8114 | Indus | — | 10015 | *7277* | 29117 | 8.6 | −53 41 | 5.84 | .. | .. | .. | .. | *04* | .. | .. | 05 | .. | .. | .. | .. | .. | .. | *04* | 4. | A 5 | A5 |
| 8115 | Cygnus | ζ 64 | 4348 | 3732 | .. | 8.7 | +29 49 | 3.40 | 08 | .. | .. | .. | .. | 05 | *13* | .. | *05* | .. | *31* | 05d | .. | .. | *17* | 102 | K | K0 |
| 8116 | Pegasus | — | 4375 | .. | .. | 8.8 | +15 34 | 6.20 | .. | .. | *11* | .. | .. | 10 | .. | .. | .. | .. | .. | 22b | .. | .. | .. | *16* | A | A5 |
| 8117 | Microsc. | — | *14440* | .. | 29123 | 8.8 | −40 55 | 6.30 | .. | .. | .. | .. | .. | .. | 03 | *02* | .. | .. | .. | .. | .. | .. | .. | 2. | K | K0 |
| 8118 | Aquar. | — | 5553 | .. | 29134 | 8.9 | −11 1 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A | B9 |
| 8119 | Cepheus | — | 2334 | 3736 | .. | 9.3 | +59 35 | 5.65 | *11* | .. | 01 | .. | .. | 05 | 06 | .. | .. | .. | 05 | 21b | .. | .. | *15* | *03* | B 1 | B2 |
| 8120 | Cygnus | — | 4470 | .. | .. | 9.4 | +36 13 | 6.05 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 31b | .. | .. | .. | 27 | K | A5 |
| 8121 | Aquar. | — | 4186 | .. | 29153 | 9.5 | − 0 19 | 6.58 | .. | .. | 10 | .. | .. | .. | *09* | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | K5 |
| 8122 | Capric. | — | 6216 | 3734 | 29150 | 9.5 | −17 46 | 6.22 | 17 | .. | .. | .. | .. | *16* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | G 5 | G5 |
| 8123 | Equul. | δ 7 | 4746 | 3735 | .. | 9.6 | + 9 36 | 4.61 | *01* | .. | .. | 01 | .. | *01* | 01 | .. | 44 | .. | *10* | 07b | .. | .. | 01 | 50 | F 5 | F5 |
| 8124 | Indus | — | 14699 | .. | 29147 | 9.6 | −36 38 | 6.14 | .. | .. | .. | .. | .. | .. | 15 | *14* | .. | .. | .. | .. | .. | .. | 21 | 12. | K | K0 |
| 8125 | Pavo | — | 3900 | *7283* | 29136 | 9.7 | −65 6 | 6.41 | .. | .. | .. | .. | *15* | .. | .. | 15 | .. | .. | .. | .. | *21* | .. | *16* | *6*. | K | A0 |
| 8126 | Cygnus | — | 4354 | .. | .. | 9.9 | +29 29 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 07c | .. | .. | .. | 27 | K | K0 |
| 8127 | Capric. | φ 28 | 5974 | 3737 | 29161 | 9.9 | −21 4 | 5.35 | *09* | .. | .. | *04* | .. | 19 | *05* | .. | *10* | .. | .. | .. | .. | .. | 00 | 14. | K | K0 |
| 8128 | Capric. | 29 | 5935 | 3738 | 29169 | 10.2 | −15 35 | 5.50 | *03* | .. | 00 | .. | .. | 02 | .. | .. | *30* | .. | .. | .. | .. | .. | 00 | .. | Mb | Ma |
| 8129 | Octans | — | 519 | *7284* | 29060 | 10.5 | −85 14 | 6.40 | .. | .. | .. | .. | 10 | .. | .. | *11* | .. | .. | .. | .. | .. | .. | .. | 15. | K | K2 |
| 8130 | Cygnus | τ 65 | 4240 | 3741 | .. | 10.8 | +37 37 | 3.82 | 12 | .. | .. | .. | .. | 01 | *14* | .. | *02* | .. | *17* | 08b | .. | .. | *07* | 49 | F | F0 |
| 8131 | Equul. | α 8 | 4635 | 3739 | .. | 10.8 | + 4 50 | 4.14 | *03* | .. | .. | 03 | .. | *08* | 09 | .. | 06 | .. | *22* | *06*b | .. | .. | *44* | 50 | A 8 p | — F8 Comp A3 |
| 8132 | Aquar. | — | 5495 | .. | 29195 | 11.5 | − 2 2 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | K0 |
| 8133 | Cepheus | — | 1708 | .. | .. | 11.7 | +63 59 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17c | .. | .. | .. | 22 | G | B0 |
| 8134 | Aquar. | — | 5897 | .. | 29201 | 11.8 | −13 42 | 6.18 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A 2 | A0 |
| 8135 | *Microsc.* | ε 4 | 16498 | *7286* | 29200 | 11.9 | −32 35 | 4.79 | *01* | *02* | .. | .. | 05 | *01* | *06* | 03 | .. | .. | .. | .. | 11 | *03* | 01 | *4*. | A | A0 |
| 8136 | Cygnus | — | 3348 | .. | .. | 12.2 | +47 33 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 44a | .. | .. | .. | 04 | B 5 | B8 |
| 8137 | Capric. | 30 | 5903 | 3743 | 29215 | 12.3 | −18 24 | 5.39 | 02 | .. | .. | .. | .. | *06* | 05 | .. | *04* | .. | .. | .. | .. | .. | 01 | *14* | B 8 | B8 |
| 8138 | Cygnus | — | 4067 | .. | .. | 12.7 | +41 50 | 6.53 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *09*d | .. | .. | .. | .. | G | K2 |
| 8139 | Capric. | 31 | *5904* | .. | 29220 | 12.7 | −17 53 | 6.31 | .. | .. | .. | A | .. | .. | .. | .. | *21* | .. | .. | .. | .. | .. | .. | .. | F | A5 |
| 8140 | Indus | θ | 10037 | *7293* | 29216 | 12.7 | −53 52 | 4.60 | .. | .. | .. | .. | *04* | .. | .. | 03 | .. | .. | .. | .. | .. | .. | *10* | *3*. | A 5 | A5 |
| 8141 | Aquar. | 15 | *5512* | 3744 | 29228 | 12.9 | − 4 57 | 5.68 | 14 | .. | *03* | .. | .. | 03 | *15* | .. | *03* | .. | 36 | .. | .. | 31 | 24 | 20 | A | B8 |
| 8142 | Microsc. | — | 17692 | .. | 29227 | 13.0 | −29 11 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 12. | G 5 | G5 |
| 8143 | Cygnus | σ 67 | 4431 | 3745 | .. | 13.5 | +38 59 | 4.28 | 04 | .. | .. | .. | .. | *04* | .. | .. | 04 | .. | 24 | 22b | .. | 11 | 02 | 20 | B 8 p | A0p |
| 8144 | Cygnus | — | 4046 | 3746 | .. | 13.6 | +42 16 | 6.09 | *05* | .. | .. | .. | .. | 01 | 04 | .. | .. | .. | *12* | 27a | .. | 25 | *12* | *15* | A | B8 |
| 8145 | Indus | T | 14302 | *7297* | 29232 | 13.6 | −45 27 | 6.16 | .. | .. | .. | .. | *09* | .. | .. | 10 | .. | .. | .. | .. | .. | .. | 16 | 12. | N | R |
| 8146 | Cygnus | υ 66 | 4371 | 3747 | .. | 13.8 | +34 29 | 4.42 | 02 | .. | .. | .. | .. | *02* | .. | .. | *22* | .. | *09* | 17b | .. | .. | 13 | *03* | B 3 p | B3p |
| 8147 | Cygnus | — | 2588 | 3748 | .. | 13.9 | +53 34 | 5.99 | 01 | .. | .. | .. | .. | 01 | *03* | .. | .. | .. | .. | 32b | .. | .. | *04* | 09 | A | A0 |
| 8148 | Capric. | — | 15541 | .. | 29240 | 14.0 | −26 46 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 9. | G | G5 |
| 8149 | Equul. | — | 4516 | .. | .. | 14.1 | +10 47 | 6.32 | .. | .. | 06 | .. | .. | .. | *06* | .. | .. | .. | .. | *10*d | .. | .. | .. | .. | K | K5 |
| 8150 | Cepheus | — | 2549 | 3749 | .. | 14.3 | +55 22 | 6.18 | 01 | .. | *07* | .. | .. | 02 | 04 | .. | .. | .. | .. | *16*d | .. | .. | 02 | .. | K | K2 |

1908AnHar..50

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**21h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8151 | Microsc. | θ1 | 14475 | 7304 | 29248 | 14.4 | −41 14 | 4.92 | . | . | . | . | 09 | 21 | 12 | 22 | . | . | . | . | 02 | . | 03 | 1. | A 2 p | A2p |
| 8152 | Indus | — | 13325 | .. | 29246 | 14.4 | −50 22 | 6.38 | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | 8. | K | K2 |
| 8153 | Cepheus | — | 2309 | .. | .. | 14.6 | +58 10 | 6.41 | . | . | . | . | . | . | A | . | . | . | . | 23b | . | . | . | 20 | A | B3 |
| 8154 | Cygnus | A 68 | 3877 | 3750 | .. | 14.8 | +43 31 | 5.06 | 01 | . | . | . | . | 01 | 01 | . | 06 | . | 02 | 06b | . | . | 01 | 03 | Oe 5 | Oe5 |
| 8155 | Cygnus | — | 4485 | .. | .. | 15.0 | +40 37 | 6.23 | . | . | 04 | . | . | . | 04 | . | . | . | . | 05c | . | . | . | 08 | A | A5 |
| 8156 | Pavo | — | 2844 | 7305 | 29252 | 15.2 | −70 10 | 6.10 | . | . | . | . | 41 | . | . | 40 | . | . | . | . | . | . | . | 24. | N | N |
| 8157 | Cygnus | — | 4271 | .. | .. | 15.4 | +37 49 | 5.83 | . | . | . | . | . | . | A | . | . | . | . | 37c | . | . | . | 55 | K | K2 |
| 8158 | Pegasus | — | 4521 | 3751 | .. | 15.7 | +21 37 | 6.15 | 17 | . | . | . | . | 09 | 07 | . | . | . | 38 | 47a | . | . | 05 | 06 | F | B9 |
| 8159 | Pavo | — | 2598 | .. | 29261 | 15.7 | −72 14 | 6.08 | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | 9. | K | K0 |
| 8160 | Aquar. | 16 | 5524 | 3752 | 29282 | 15.8 | − 5 0 | 5.97 | 09 | . | 06 | . | . | 03 | 00 | . | 02 | . | 15 | . | . | . | 09 | . | G | K5 |
| 8161 | Cygnus | — | 3345 | 3754 | .. | 16.0 | +49 6 | 5.65 | 21 | . | . | . | . | 05 | 17 | . | . | . | 16 | 26b | . | . | 02 | 05 | A | B5 |
| 8162 | Cepheus | α 5 | 2111 | 3757 | .. | 16.2 | +62 10 | 2.60 | 02 | 05 | . | . | . | 03 | 03 | . | 05 | . | 03 | 18b | . | 05 | 19 | R | A 5 | A3 |
| 8163 | Equul. | 9 | 4802 | 3753 | .. | 16.2 | + 6 56 | 6.01 | 00 | . | . | 03 | . | 02 | . | . | 41 | . | 17 | 05d | . | . | 01 | . | Ma | K5 |
| 8164 | Cepheus | — | 2249 | 3758 | .. | 16.5 | +58 13 | 5.79 | 10 | . | . | . | . | 08 | 01 | . | . | . | 05 | 19d | . | . | 09 | 80 | G | — K0 A0 comp |
| 8165 | Pegasus | 34 | 4294 | 3755 | .. | 16.5 | +23 27 | 5.82 | 03 | . | . | . | . | 02 | . | . | 02 | . | 08 | 02d | . | . | 08 | 76 | K | K0 |
| 8166 | Cygnus | — | 4425 | .. | .. | 16.6 | +32 2 | 6.44 | . | . | . | . | . | 07 | 08 | . | . | . | . | 18c | . | . | . | . | G | B5 |
| 8167 | Capric. | ι 32 | 6245 | 3756 | R | 16.7 | −17 16 | 4.30 | 05 | . | . | . | . | 04 | . | . | 35 | . | . | . | . | . | 15 | 110 | K | K0 |
| 8168 | Cepheus | — | 833 | 3766 | .. | 16.8 | +76 36 | 6.17 | 02 | . | . | . | . | 16 | 14 | . | . | . | . | 12d | . | . | 07 | 72 | K | K2 |
| 8169 | Cygnus | — | 4134 | 3760 | .. | 17.1 | +32 11 | 6.03 | 07 | . | . | . | . | 02 | 09 | . | . | . | 07 | 31a | . | . | 08 | 14 | A | A0 |
| 8170 | Cygnus | — | 4529 | .. | .. | 17.2 | +39 55 | 6.46 | . | . | 09 | . | . | . | 10 | . | . | . | . | 27c | . | . | . | . | F | F8 |
| 8171 | Cepheus | 6 | 1527 | 3764 | .. | 17.3 | +64 27 | 5.18 | 10 | . | . | . | . | 19 | 08 | . | 08 | . | 31 | 02b | . | . | 07 | 25 | B 3 | B3 |
| 8172 | Capric. | — | 16877 | 3759 | 29306 | 17.3 | −23 5 | 5.72 | 10 | . | . | 15 | . | 05 | 01 | . | . | . | . | . | . | . | 03 | 17. | K 5 | K5 |
| 8173 | Pegasus | 1 | 4691 | 3761 | .. | 17.5 | +19 23 | 4.24 | 04 | . | . | . | . | 04 | 01 | . | 03 | . | 06 | 00d | . | . | 06 | 110 | K | K0 |
| 8174 | Cepheus | — | 690 | .. | .. | 17.6 | +80 48 | 6.02 | . | . | 08 | . | . | 07 | . | . | . | . | . | 38c | . | . | . | 07 | A | A2 |
| 8175 | Aquar. | 17 | 5728 | 3762 | 29312 | 17.6 | − 9 44 | 6.24 | 14 | . | 23 | . | . | 03 | 04 | . | 16 | . | . | . | . | . | 11 | . | K | K5 |
| 8176 | Octans | — | 716 | 7318 | 29257 | 17.6 | −83 7 | 6.52 | . | . | . | . | 05 | . | . | 05 | . | . | . | . | 52 | . | . | 0. | K | B3 |
| 8177 | Indus | — | 13796 | .. | 29308 | 17.7 | −47 3 | 6.48 | . | . | . | . | . | . | . | A | . | . | . | . | . | . | 08 | 3. | A 5 | A2 |
| 8178 | Equul. | β 10 | 4811 | 3765 | .. | 17.9 | + 6 23 | 5.14 | 20 | . | . | 17 | . | 03 | . | . | 21 | . | 14 | 24b | . | . | 11 | 10 | A | A0 |
| 8179 | Cepheus | — | 2227 | 3769 | .. | 18.0 | +60 21 | 6.24 | R | . | 07 | . | . | 08 | . | . | . | . | 28 | 00c | . | . | R | 23 | K | K0 |
| 8180 | Microsc. | θ2 | 14503 | 7319 | 29314 | 18.0 | −41 26 | 5.86 | . | . | . | . | 01 | 13 | 12 | 23 | . | . | . | . | 51 | . | 09 | 0. | A p | A0p |
| 8181 | Pavo | γ | 3918 | 7320 | 29309 | 18.2 | −65 49 | 4.30 | . | . | . | . | 13 | . | . | 14 | . | 02 | . | . | 20 | . | 08 | 2. | F 8 | F8 |
| 8182 | Cygnus | — | 4397 | .. | .. | 18.4 | +29 53 | 6.28 | . | . | 08 | . | . | . | 09 | . | . | . | . | 02c | . | . | . | . | G 5 | K0 |
| 8183 | Capric. | 33 | 6007 | 3767 | 29326 | 18.4 | −21 16 | 5.47 | 12 | . | . | 16 | . | 10 | 16 | 08 | 03 | . | . | . | . | . | 01 | 13. | K | K0 |
| 8184 | Capric. | — | 16889 | .. | 29322 | 18.4 | −23 11 | 6.48 | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | 7. | K | K0 |
| 8185 | Cygnus | — | 3357 | 3771 | .. | 18.5 | +48 58 | 5.87 | 10 | . | . | . | . | 06 | 04 | . | . | . | 04 | 05d | . | . | 08 | 76 | K | K0 |
| 8186 | Cygnus | — | 4471 | .. | .. | 18.8 | +38 12 | 6.45 | . | . | . | . | . | . | A | . | . | . | . | 41b | . | . | . | . | A | A0 |
| 8187 | Aquar. | 18 | 5923 | 3770 | 29332 | 18.8 | −13 19 | 5.54 | 16 | . | . | . | . | 02 | 03 | 15 | 29 | . | . | . | . | . | 04 | 17 | A 5 | A5 |
| 8188 | Indus | γ | 9586 | 7322 | 29331 | 19.1 | −55 6 | 6.24 | . | . | . | . | 05 | . | . | 04 | . | . | . | . | . | . | 19 | 4. | F | F0 |
| 8189 | Cygnus | — | 4537 | 3774 | .. | 19.3 | +36 58 | 6.58 | R | . | . | . | . | 08 | 07 | . | . | . | . | 23c | . | . | R | . | G p | F8 |
| 8190 | Pegasus | — | 4300 | 3773 | .. | 19.4 | +23 51 | 5.66 | 10 | . | . | . | . | 11 | . | . | . | . | 05 | 18b | . | . | 06 | 35 | A | F0 |
| 8191 | Equul. | — | 4800 | 3772 | .. | 19.6 | + 9 44 | 6.39 | 00 | . | 06 | 06 | . | 13 | . | . | . | . | 06 | 10b | . | . | 34 | . | F 5 | F5 |
| 8192 | Aquar. | 20 | 5444 | .. | 29351 | 19.6 | − 3 50 | 6.44 | . | . | 02 | . | . | 03 | . | . | 54 | . | . | . | . | . | . | . | F | F0 |
| 8193 | Cygnus | — | 4543 | 3775 | .. | 19.7 | +36 55 | 6.59 | 05 | . | . | . | . | 11 | 06 | . | . | . | . | 07d | . | . | R | . | K | K5 |
| 8194 | Vulpec. | — | 4394 | .. | .. | 19.7 | +24 54 | 6.22 | . | . | 04 | . | . | . | 04 | . | . | . | . | 30a | . | 13 | . | 23 | A | A0 |
| 8195 | Aquar. | 19 | 5668 | 3776 | 29355 | 19.8 | −10 11 | 5.76 | 02 | . | 05 | . | . | 08 | 15 | 14 | 24 | . | . | . | . | . | 06 | 19 | A | A2 |
| 8196 | Pavo | — | 2850 | 7324 | 29336 | 19.8 | −69 57 | 5.50 | . | . | . | . | 08 | . | . | 08 | . | . | . | . | . | . | 05 | 12. | Mb | Mb |
| 8197 | Pegasus | — | 4305 | .. | .. | 19.9 | +24 6 | 6.42 | . | . | . | . | . | 05 | 04 | . | . | . | . | 20c | . | . | . | . | G | K0 |
| 8198 | Vulpec. | — | 4531 | 3778 | .. | 20.1 | +25 45 | 5.74 | 02 | . | . | . | . | 01 | . | . | . | . | 10 | 04a | . | . | 04 | 19 | F | F0 |
| 8199 | Aquar. | 21 | 5446 | 3777 | 29363 | 20.1 | − 3 59 | 5.69 | 07 | . | 01 | 00 | . | 25 | . | 33 | 01 | . | 15 | . | . | . | 04 | 40 | K | K0 |
| 8200 | Microsc. | — | 14551 | 7325 | 29358 | 20.2 | −38 16 | 5.69 | . | 05 | . | . | 01 | 12 | 04 | 10 | . | . | . | . | . | . | 03 | 9. | K | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50.



21h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8201 | Octans | — | 1016 | 7326 | 29316 | 20.2 | −80 29 | 6.72 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | 87 | .. | .. | 3. | A | A0 |
| 8202 | Microsc. | — | 14539 | 7331 | 29368 | 20.6 | −42 59 | 5.61 | .. | .. | .. | .. | 05 | 01 | 07 | 11 | .. | .. | .. | .. | 79 | .. | 03 | 2. | A8 | A3P |
| 8203 | Aquar. | — | 4215 | .. | .. | 20.8 | + 0 6 | 6.46 | .. | .. | 07 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 35 | A | A0 |
| 8204 | Capric. | ζ 34 | R | 3779 | 29382 | 21.0 | −22 51 | 3.86 | 07 | .. | .. | 14 | .. | 08 | 21 | 10 | 14 | .. | .. | .. | .. | .. | 04 | 92 | Gp | G5P |
| 8205 | Aquar. | — | 4726 | .. | .. | 21.4 | + 0 40 | 6.40 | .. | .. | 28 | .. | .. | 29 | .. | .. | .. | .. | .. | 02b | .. | .. | .. | .. | F2 | F5 |
| 8206 | Cygnus | — | 3376 | .. | .. | 21.5 | +48 54 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 24b | .. | .. | .. | 01 | A | A0 |
| 8207 | Capric. | 35 | 6020 | 3780 | 29392 | 21.5 | −21 37 | 6.03 | 00 | .. | .. | 01 | .. | 02 | 00 | R | 43 | .. | .. | .. | .. | .. | 07 | 13. | G5 | K0 |
| 8208 | Cygnus | — | 3305 | 3781 | .. | 21.6 | +46 17 | 5.54 | 07 | .. | .. | .. | .. | 06 | 00 | .. | .. | .. | 14 | 17c | .. | .. | 03 | 58 | A | F0 |
| 8209 | Cygnus | 69 | 4557 | 3782 | .. | 21.7 | +36 14 | 5.84 | 07 | .. | .. | .. | .. | 06 | .. | .. | 22 | .. | 13 | 32a | .. | 19 | 04 | 21 | B | B0 |
| 8210 | Pegasus | — | 4794 | .. | .. | 21.8 | +18 58 | 6.06 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34b | .. | .. | .. | 00 | A | A3 |
| 8211 | Indus | — | 9872 | .. | 29394 | 22.0 | −54 9 | 6.48 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | F5 | K2 |
| 8212 | Capric. | — | 6005 | .. | 29421 | 22.9 | −12 1 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | A2 | F5 |
| 8213 | Capric. | b 36 | 5692 | 3783 | 29426 | 23.0 | −22 15 | 4.59 | 13 | .. | .. | 08 | .. | 21 | .. | R | 05 | .. | .. | .. | .. | .. | 16 | 45 | G5 | B5 |
| 8214 | P. Aust. | 5 | 18291 | .. | 29425 | 23.1 | −31 41 | 6.60 | .. | .. | .. | .. | .. | .. | 17 | 17 | .. | .. | .. | .. | 20 | .. | .. | 6. | A2 | A0 |
| 8215 | Cygnus | 70 | 4568 | 3784 | .. | 23.2 | +36 41 | 5.20 | 10 | .. | .. | .. | .. | 05 | 05 | .. | 08 | .. | 13 | 28a | .. | .. | 05 | 16 | B3 | B3 |
| 8216 | Cygnus | — | 3390 | 3786 | .. | 23.3 | +48 24 | 5.31 | 01 | .. | .. | .. | .. | 06 | 06 | .. | .. | .. | 00 | 09b | .. | .. | 04 | 22 | A | A3 |
| 8217 | Vulpec. | 35 | 4164 | 3785 | .. | 23.3 | +27 11 | 5.38 | 02 | .. | .. | .. | .. | 02 | .. | .. | 28 | .. | 04 | 25b | .. | .. | 02 | 06 | A | A0 |
| 8218 | Cygnus | — | 2939 | 3787 | .. | 23.4 | +52 28 | 5.95 | 28 | .. | .. | .. | .. | 12 | 15 | .. | .. | .. | .. | 26a | .. | .. | 10 | 04 | A | B8 |
| 8219 | Equul. | — | 4696 | .. | .. | 23.5 | + 7 46 | 6.66 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 19d | .. | .. | .. | .. | Ma | Ma |
| 8220 | Cygnus | — | 4462 | 3788 | .. | 23.8 | +31 47 | 5.74 | 00 | .. | .. | .. | .. | 03 | 02 | .. | .. | .. | 15 | 18b | .. | .. | 01 | 54 | F | F0 |
| 8221 | Pegasus | — | 4592 | .. | .. | 24.3 | +17 29 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18d | .. | .. | .. | .. | K | K5 |
| 8222 | Capric. | — | 6107 | .. | 29464 | 24.4 | −19 36 | 6.54 | .. | .. | 04 | .. | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | .. | 3. | F | F2 |
| 8223 | Pegasus | — | 4555 | 3790 | .. | 24.5 | +21 45 | 6.18 | 07 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | .. | 22d | .. | .. | 18 | .. | Mb | Mb |
| 8224 | Cepheus | — | 2383 | .. | .. | 24.6 | +59 19 | 6.44 | .. | .. | 03 | .. | .. | .. | 02 | .. | .. | .. | .. | 32d | .. | .. | .. | 51 | Ma | Ma |
| 8225 | Pegasus | 2 | 4325 | 3792 | .. | 25.5 | +23 12 | 4.76 | 00 | .. | .. | .. | .. | 06 | 05 | .. | 06 | .. | 24 | 14d | .. | .. | 14 | .. | Ma | Ma |
| 8226 | Cygnus | — | 2544 | .. | .. | 25.7 | +54 59 | 6.06 | .. | .. | 10 | .. | .. | 11 | .. | .. | .. | .. | .. | 25b | .. | 07 | .. | 08 | A | B9 |
| 8227 | Cepheus | 7 | 1405 | 3796 | .. | 25.8 | +66 22 | 5.42 | 04 | .. | .. | .. | .. | 12 | 07 | .. | 18 | .. | 16 | 10a | .. | .. | 02 | 05 | B5 | B5 |
| 8228 | Cygnus | g 71 | 3558 | 3793 | .. | 25.8 | +46 6 | 5.34 | 05 | .. | .. | .. | .. | 04 | .. | .. | 24 | .. | 25 | 10c | .. | .. | 22 | 99 | K | K0 |
| 8229 | Grus | ξ | 14550 | 7342 | 29482 | 25.8 | −41 38 | 5.35 | .. | .. | .. | .. | 01 | 02 | 04 | 02 | .. | .. | .. | .. | 00 | .. | 05 | 14. | K5 | K0 |
| 8230 | P. Aust. | 6 | 15110 | 7343 | 29490 | 26.2 | −34 24 | 5.99 | .. | 02 | .. | .. | 23 | 29 | 09 | 17 | .. | .. | .. | .. | 44 | .. | 09 | 1. | A2 | A2 |
| 8231 | Pegasus | — | 4583 | 3794 | .. | 26.3 | +11 43 | 5.94 | 08 | .. | .. | .. | .. | 07 | .. | .. | .. | .. | 03 | 50b | .. | .. | 04 | 10 | A | A0 |
| 8232 | Aquar. | β 22 | 5770 | 3795 | 29491 | 26.3 | − 6 1 | 3.07 | 07 | .. | .. | 24 | .. | 05 | 08 | 19 | 07 | 22 | 01 | .. | .. | .. | 22 | 113 | G | B0 |
| 8233 | Indus | — | 10092 | .. | 29489 | 26.3 | −53 11 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 4. | K | K5 |
| 8234 | Octans | — | 1158 | 7345 | 29467 | 26.5 | −79 54 | 6.33 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | 48 | .. | .. | 7. | F | F5 |
| 8235 | Capric. | — | 15479 | 7348 | 29496 | 26.8 | −25 2 | 6.42 | .. | .. | .. | .. | 06 | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 1. | A | A5 |
| 8236 | Grus | — | 14367 | 7349 | 29495 | 26.9 | −45 18 | 5.73 | .. | .. | .. | .. | 16 | 13 | .. | 03 | .. | .. | .. | .. | .. | .. | 01 | 12. | K | K0 |
| 8237 | Cygnus | — | 2957 | 3797 | .. | 27.0 | +52 31 | 6.08 | 21 | .. | .. | 09 | .. | 12 | 02 | .. | .. | .. | 03 | 14b | .. | .. | 18 | 06 | A | A0 |
| 8238 | Cepheus | β 8 | 1173 | 3798 | .. | 27.4 | +70 7 | 3.32 | 07 | 06 | R | .. | .. | 02 | 03 | .. | 07 | .. | 05 | 16a | .. | 17 | 08 | 53 | B1 | B1 |
| 8239 | Cepheus | — | 707 | 3803 | .. | 27.8 | +80 5 | 6.13 | 10 | .. | 07 | .. | .. | 04 | 08 | .. | .. | .. | .. | 13d | .. | .. | 08 | 33 | K | |
| 8240 | Pegasus | — | 4418 | .. | .. | 27.9 | +22 56 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 50a | .. | .. | .. | .. | A | B9 |
| 8241 | Grus | — | 14602 | .. | 29514 | 27.9 | −43 23 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 10 | 6. | K | K0 |
| 8242 | Cygnus | — | 3079 | 3800 | .. | 28.1 | +52 11 | 6.20 | 02 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | 16c | .. | .. | 15 | 66 | K | — K0 comp A3 |
| 8243 | Cepheus | — | 2395 | 3801 | .. | 28.3 | +60 1 | 5.52 | 13 | .. | .. | .. | .. | 21 | 08 | .. | .. | .. | 11 | 22b | .. | .. | 07 | 12 | A | B0 |
| 8244 | P. Aust. | — | 18703 | 7358 | 29535 | 29.0 | −30 8 | 6.56 | .. | .. | .. | .. | 11 | .. | 12 | 00 | .. | .. | .. | .. | .. | .. | .. | 0. | A | B8 |
| 8245 | Capric. | 37 | 6237 | 3802 | 29544 | 29.2 | −20 31 | 5.79 | 08 | .. | 02 | .. | .. | 08 | 10 | 11 | 04 | .. | .. | .. | .. | .. | 06 | 05 | F5 | F5 |
| 8246 | Cygnus | — | 3553 | 3804 | .. | 29.4 | +49 30 | 5.76 | 06 | .. | 16 | .. | .. | 03 | 06 | .. | .. | .. | .. | 14b | .. | .. | 16 | 05 | A | A0 |
| 8247 | Indus | — | 16729 | .. | 29554 | 29.5 | −23 54 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 10. | K | K0 |
| 8248 | Cygnus | — | 3584 | .. | .. | 29.6 | +45 25 | 6.56 | .. | .. | 01 | .. | .. | .. | 00 | .. | .. | .. | .. | 36d | .. | .. | .. | .. | K5 | K2 |
| 8249 | Indus | — | 3937 | 7362 | 29552 | 30.0 | −65 16 | 6.32 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | 04 | 4. | A2 | A2 |
| 8250 | Pegasus | — | 4431 | .. | .. | 30.1 | +22 19 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 35a | .. | .. | .. | .. | F8 | F8 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....



**21h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8251 | Aquar. | — | 5489 | 3805 | 29571 | 30.1 | − 4 26 | 5.85 | 10 | .. | 03 | .. | .. | 03 | 05 | 07 | .. | .. | 06 | .. | .. | .. | 03 | .. | K | K0 |
| 8252 | Cygnus | ρ 73 | 3865 | 3807 | .. | 30.2 | +45 9 | 4.22 | 05 | .. | 15 | .. | .. | 09 | 01 | .. | 02 | .. | 12 | 02c | .. | .. | 08 | 87 | K | K0 |
| 8253 | P. Aust. | 8 | 15702 | 3806 | 29577 | 30.4 | −26 37 | 5.77 | 05 | .. | .. | 15 | .. | 10 | .. | 19 | 23 | .. | .. | .. | .. | 03 | 12 | 1. | A 5 | A3 |
| 8254 | Octans | ν | 1510 | 7366 | 29533 | 30.4 | −77 50 | 3.74 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | 03 | .. | .. | 16 | .. | 02 | 22. | K | K0 |
| 8255 | Cygnus | 72 | 4359 | 3808 | .. | 30.7 | +38 5 | 4.98 | 02 | .. | .. | .. | .. | 01 | .. | .. | 22 | .. | 27 | 00d | .. | .. | 03 | 105 | K | K0 |
| 8256 | P. Aust. | 7 | 15664 | 7367 | 29580 | 30.8 | −33 29 | 6.09 | .. | 25 | .. | .. | 02 | 03 | 03 | 17 | .. | .. | .. | .. | 39 | .. | 11 | 6. | A 5 | A5 |
| 8257 | Pegasus | — | 4107 | .. | .. | 30.9 | +27 46 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23b | .. | .. | .. | 19 | F | F0 |
| 8258 | Pegasus | — | 4346 | .. | .. | 30.9 | +24 3 | 6.13 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 48a | .. | .. | .. | R | A | A3 |
| 8259 | Cygnus | — | 3091 | .. | .. | 31.0 | +51 15 | 5.96 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 48b | .. | .. | .. | 12 | A | B9 |
| 8260 | Capric. | ε 39 | 6251 | 3809 | 29598 | 31.5 | −19 54 | 4.72 | 19 | .. | 09 | .. | .. | 10 | 00 | 22 | 37 | .. | .. | .. | .. | .. | 07 | 29 | B 5 p | B5p |
| 8261 | Cygnus | — | 4456 | .. | .. | 31.9 | +29 37 | 6.47 | .. | .. | 19 | .. | .. | .. | 19 | .. | .. | .. | .. | 11c | .. | .. | .. | .. | K | K0 |
| 8262 | Cygnus | W | 3877 | .. | .. | 32.2 | +44 56 | var. | .. | .. | v | .. | .. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Mc | Mc |
| 8263 | Aquar. | — | 4180 | 3810 | 29614 | 32.4 | − 0 50 | 6.27 | 09 | .. | .. | .. | .. | 07 | .. | 15 | .. | .. | 25 | .. | .. | .. | 17 | 46 | A | A2 |
| 8264 | Aquar. | ξ 23 | 5701 | 3811 | 29613 | 32.4 | − 8 18 | 4.78 | 01 | .. | .. | 03 | .. | 02 | .. | 06 | 13 | .. | 07 | .. | .. | .. | 04 | 14 | A 5 | A5 |
| 8265 | Pegasus | 3 | 4830 | 3812 | .. | 32.7 | + 6 10 | 6.05 | 17 | .. | .. | 21 | .. | 05 | .. | .. | 55 | .. | 02 | 47c | .. | 14 | 10 | 24 | A | A0 |
| 8266 | Cygnus | 74 | 4612 | 3814 | .. | 32.9 | +39 58 | 5.09 | 05 | .. | .. | .. | .. | 01 | 06 | .. | 01 | .. | 12 | 23a | .. | .. | 01 | 27 | A 5 | A5 |
| 8267 | Pegasus | 5 | 4827 | 3813 | .. | 33.0 | +18 52 | 5.29 | 04 | .. | .. | .. | .. | 04 | .. | .. | 01 | .. | .. | 29b | .. | 25 | 16 | 54 | A | F0 |
| 8268 | P. Aust. | — | 15163 | .. | 29625 | 33.1 | −34 7 | 6.34 | .. | .. | .. | .. | .. | 04 | 03 | 00 | .. | .. | .. | .. | .. | .. | 01 | 7. | G 2 | K0 |
| 8269 | Indus | — | 11911 | .. | 29622 | 33.1 | −52 48 | 6.28 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 7. | F 2 | F5 |
| 8270 | Pegasus | 4 | 4834 | 3815 | .. | 33.5 | + 5 19 | 5.80 | 09 | .. | 09 | 21 | .. | 05 | .. | .. | 10 | .. | 21 | 04b | .. | .. | 10 | 24 | F | F0 |
| 8271 | Indus | — | 9700 | .. | 29628 | 33.5 | −56 11 | 6.42 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 07 | 8. | K | K0 |
| 8272 | Cygnus | — | 3889 | .. | .. | 33.6 | +44 14 | 6.11 | .. | .. | 01 | .. | .. | 01 | 01 | .. | .. | .. | .. | 29c | .. | .. | 10 | 27 | A 2 | A3 |
| 8273 | Capric. | — | 5640 | .. | 29650 | 34.0 | −11 1 | 6.18 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | K0 |
| 8274 | Pegasus | — | 4445 | .. | .. | 34.2 | +25 4 | 6.30 | .. | .. | 04 | .. | .. | .. | 05 | .. | .. | .. | .. | 08c | .. | .. | .. | .. | K | K5 |
| 8275 | Cygnus | — | 2659 | .. | .. | 34.3 | +53 36 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06c | .. | .. | .. | 48 | K | B5 |
| 8276 | Pegasus | — | 4754 | 3816 | .. | 34.3 | +19 48 | 5.76 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | .. | 20b | .. | .. | 04 | 40 | A | F0 |
| 8277 | Aquar. | d 25 | 4517 | 3817 | .. | 34.5 | + 1 48 | 5.33 | 03 | .. | .. | .. | .. | 03 | .. | .. | 10 | .. | 02 | 07d | .. | .. | 03 | 79 | K | K0 |
| 8278 | Capric. | γ 40 | 6340 | 3818 | 29656 | 34.6 | −17 7 | 3.80 | 02 | .. | .. | .. | .. | 08 | .. | 10 | 20 | 12 | .. | .. | .. | .. | 08 | 51 | F p | — F0 comp |
| 8279 | Cepheus | 9 | 2169 | 3819 | .. | 35.2 | +61 38 | 4.87 | 08 | .. | .. | 06 | .. | 03 | 05 | .. | 07 | .. | 12 | 19c | .. | .. | 07 | 42 | B 2 | B2 B0 |
| 8280 | Octans | λ | 722 | 7386 | 29624 | 35.6 | −83 11 | 5.38 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | 23 | .. | 07 | 8. | K | — A3 comp |
| 8281 | Cepheus | — | 2617 | 3821 | .. | 35.9 | +57 2 | 5.64 | 10 | .. | .. | .. | .. | 09 | .. | .. | .. | .. | 03 | 26c | .. | .. | 09 | 06 | Oe 5 | Oe5 |
| 8282 | P. Aust. | — | 15545 | .. | 29678 | 36.0 | −25 33 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 12. | K | K0 |
| 8283 | Capric. | 42 | 6102 | 3820 | 29681 | 36.1 | −14 29 | 5.28 | 01 | .. | 08 | .. | .. | 15 | 16 | 22 | 05 | .. | .. | .. | .. | .. | 13 | 83 | K | K5 |
| 8284 | Cygnus | 75 | 4177 | 3823 | .. | 36.3 | +42 49 | 5.35 | 05 | .. | .. | .. | .. | 05 | .. | .. | 45 | .. | 15 | 15e | .. | .. | 35 | 137 | Ma | K5 |
| 8285 | Capric. | 41 | 17057 | 3822 | 29692 | 36.4 | −23 43 | 5.32 | 15 | .. | .. | 07 | .. | 10 | 03 | 09 | 12 | .. | .. | .. | .. | .. | 02 | 19. | F | K0 |
| 8286 | Indus | — | 2632 | 7389 | 29670 | 36.7 | −71 28 | 6.18 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | 18 | 1. | A | B8 |
| 8287 | Aquar. | 26 | 4770 | 3825 | .. | 37.1 | + 0 49 | 5.80 | 02 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | 19 | 14d | .. | .. | 10 | .. | K | K5 |
| 8288 | Capric. | κ 43 | 6152 | 3824 | 29708 | 37.1 | −19 19 | 4.82 | 10 | .. | 20 | .. | .. | 18 | .. | 07 | 48 | .. | .. | .. | .. | .. | 22 | 45 | K | K0 |
| 8289 | Pegasus | 7 | 4850 | 3826 | .. | 37.3 | + 5 14 | 5.63 | 12 | .. | 18 | 11 | .. | 17 | .. | .. | 17 | .. | 22 | 34d | .. | .. | 18 | 34 | Ma | Ma |
| 8290 | Cepheus | — | 2595 | 3829 | .. | 37.4 | +54 25 | 6.16 | 07 | .. | .. | .. | .. | 06 | .. | .. | .. | .. | .. | 04c | .. | .. | 04 | 58 | K | K0 |
| 8291 | Cygnus | 76 | 4611 | .. | .. | 37.6 | +40 21 | 6.05 | .. | .. | 05 | 22 | .. | 28 | .. | .. | 05 | .. | .. | 26a | .. | .. | 10 | 05 | A | A0 |
| 8292 | Pegasus | — | 4604 | 3830 | .. | 37.6 | +10 21 | 5.95 | 00 | .. | 03 | 08 | .. | 06 | .. | .. | .. | .. | 02 | 36a | .. | .. | 20 | 19 | A | B8 |
| 8293 | Capric. | — | 6270 | 3827 | 29717 | 37.6 | −20 4 | 6.17 | 08 | .. | 04 | .. | .. | 00 | 03 | .. | .. | .. | .. | .. | .. | .. | 03 | 02 | A 3 | A3 |
| 8294 | Octans | B | 53 | 7391 | 29042 | 37.6 | −89 19 | 6.54 | .. | .. | .. | .. | 07 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | 00 | 0. | K | A5 |
| 8295 | Capric. | 44 | 6046 | 3828 | 29718 | 37.7 | −14 51 | 5.99 | 23 | .. | 07 | .. | .. | 07 | .. | 22 | 25 | .. | .. | .. | .. | 03 | 19 | 03 | A | A5 |
| 8296 | Cygnus | Q | .. | .. | .. | 37.8 | +42 23 | nov | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Pec. | |
| 8297 | Pegasus | — | 4500 | .. | .. | 37.8 | +35 3 | 6.38 | .. | .. | 06 | 06 | .. | 01 | .. | .. | .. | .. | .. | 25f | .. | .. | .. | .. | N | N |
| 8298 | Cygnus | — | 3637 | .. | .. | 38.3 | +45 18 | 6.47 | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | 23d | .. | .. | .. | .. | G | mb |
| 8299 | Grus | — | 14405 | .. | 29726 | 38.3 | −39 0 | 6.30 | .. | .. | .. | .. | .. | .. | 03 | 02 | .. | .. | .. | .. | .. | .. | .. | 9. | G | B5 |
| 8300 | Cygnus | 77 | 4615 | 3832 | .. | 38.4 | +40 38 | 5.48 | 14 | .. | .. | R | .. | 14 | .. | .. | 13 | .. | .. | 48a | .. | .. | 03 | 42 | A | A0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

**21h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8301 | Cygnus | $\pi^1$ 80 | 3410 | 3833 | .. | 38.6 | +50 44 | 4.78 | 09 | .. | .. | .. | .. | 08 | 00 | .. | 17 | .. | 14 | 16a | .. | .. | 07 | 08 | B 3 | B3 |
| 8302 | Capric. | 45 | 6052 | 3831 | 29734 | 38.6 | −15 12 | 5.90 | 08 | .. | 15 | .. | .. | 01 | 07 | .. | 10 | .. | .. | .. | .. | .. | 05 | 10 | A | A5 |
| 8303 | Indus | — | 13463 | 7401 | 29731 | 38.7 | −49 57 | 6.52 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | .. | 8. | K | K0 |
| 8304 | Cygnus | — | 3480 | .. | .. | 39.0 | +49 8 | 6.12 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10c | .. | .. | .. | .. | K | K0 |
| 8305 | P. Aust. | ι 9 | 15734 | 7403 | 29737 | 39.0 | −33 29 | 4.35 | 12 | 13 | .. | .. | 06 | 01 | 00 | 18 | 15 | 07 | .. | .. | 05 | .. | 05 | 6. | A | A0 |
| 8306 | Cygnus | — | 4623 | 3835 | .. | 39.1 | +40 42 | 5.54 | 04 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 01 | 02d | .. | .. | 12 | .. | A | ma |
| 8307 | Cygnus | 79 | 4408 | 3837 | .. | 39.3 | +37 50 | 5.62 | 12 | .. | .. | .. | .. | 11 | 02 | .. | 42 | .. | 06 | 22b | .. | .. | 17 | 03 | A | A0 |
| 8308 | Pegasus | ε 8 | 4891 | 3836 | .. | 39.3 | + 9 25 | 2.54 | 13 | .. | .. | .. | .. | 13 | .. | .. | 04 | 17 | 11 | 22d | .. | .. | 01 | 187 | K | K0 |
| 8309 | Cygnus | μ 78 | 4169 | 3840 | .. | 39.6 | +28 18 | 4.73 | 06 | .. | .. | .. | .. | 05 | .. | .. | 08 | .. | 05 | 27b | .. | .. | 05 | 74 | F 5 | F5 |
| 8310 | Cygnus | | | 3841 | .. | 39.6 | +28 18 | 6.08 | | | | | | | | | | | | | | | | | | |
| 8311 | Capric. | c 46 | 5829 | 3838 | 29752 | 39.6 | − 9 32 | 5.28 | 07 | .. | 13 | .. | .. | 05 | .. | R | 08 | .. | .. | .. | .. | .. | 18 | 82 | K | K0 |
| 8312 | Cepheus | — | 2314 | .. | .. | 39.7 | +58 48 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 00c | .. | .. | .. | 59 | K | K2 |
| 8313 | Pegasus | 9 | 4582 | 3842 | .. | 39.8 | +16 54 | 4.52 | 08 | .. | .. | 25 | .. | 18 | .. | .. | 12 | .. | 08 | 12d | .. | .. | .. | 05 | K | K0 |
| 8314 | Pegasus | — | 4668 | 3839 | .. | 39.8 | +14 19 | 6.10 | 03 | .. | 09 | .. | .. | 06 | .. | .. | .. | .. | .. | 08c | .. | .. | 15 | 28 | G | G0 |
| 8315 | Pegasus | κ 10 | 4463 | 3843 | .. | 40.1 | +25 11 | 4.27 | 06 | .. | 04 | .. | .. | 03 | 04 | .. | 18 | .. | 11 | 03c | .. | .. | 02 | 71 | F 5 | F5 |
| 8316 | Cepheus | μ | 2316 | 3845 | .. | 40.4 | +58 19 | var. | v | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | .. | .. | .. | v | v | Ma | ma |
| 8317 | Cepheus | 11 | 1193 | 3847 | .. | 40.5 | +70 51 | 4.85 | 06 | .. | .. | .. | .. | 08 | 15 | .. | 05 | .. | 07 | 17d | .. | .. | 10 | 79 | K | K0 |
| 8318 | Capric. | 47 | 5833 | 3844 | .. | 40.9 | − 9 44 | 6.20 | 01 | .. | 05 | .. | .. | 10 | 14 | .. | 00 | .. | .. | .. | .. | .. | 20 | R | Ma | ma |
| 8319 | Capric. | λ 48 | 6087 | 3846 | 29774 | 41.2 | −11 50 | 5.43 | 07 | .. | .. | .. | .. | 07 | .. | .. | 08 | .. | .. | .. | .. | .. | 09 | 13 | A | A0 |
| 8320 | Pegasus | — | 4626 | .. | .. | 41.5 | +35 24 | 6.60 | .. | .. | 12 | .. | .. | .. | 11 | .. | .. | .. | .. | 08c | .. | .. | .. | .. | K | K0 |
| 8321 | Pegasus | 12 | 4472 | 3849 | .. | 41.5 | +22 30 | 5.45 | 07 | .. | .. | 23 | .. | 07 | 09 | .. | 05 | .. | 01 | 11e | .. | .. | 05 | .. | K | K0 |
| 8322 | Capric. | δ 49 | 5943 | 3848 | 29788 | 41.5 | −16 35 | 2.98 | 03 | .. | .. | .. | .. | 03 | .. | .. | 02 | 14 | .. | .. | .. | .. | 03 | 53 | A 5 | A5 |
| 8323 | Grus | — | 13928 | 7410 | 29785 | 41.7 | −47 45 | 5.70 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 25 | 10. | G 5 | G5 |
| 8324 | Cepheus | 78 | 1082 | 3853 | .. | 41.8 | +71 52 | 5.40 | 03 | .. | .. | .. | .. | 11 | 09 | .. | 03 | .. | 13 | 11d | .. | .. | 01 | 54 | K | K0 |
| 8325 | Pegasus | — | 4473 | .. | .. | 41.8 | +25 6 | 6.48 | .. | .. | 08 | .. | .. | .. | 09 | .. | .. | .. | .. | 03d | .. | .. | .. | .. | K | K0 |
| 8326 | P. Aust. | θ 10 | 18466 | 7411 | 29795 | 41.9 | −31 21 | 5.09 | 04 | 09 | .. | .. | 16 | 10 | 09 | 17 | 09 | .. | .. | .. | 44 | 01 | 05 | 4. | A 2 | A2 |
| 8327 | Cepheus | — | 2193 | 3854 | .. | 42.2 | +61 59 | 5.97 | 08 | .. | .. | 05 | .. | 05 | 07 | .. | .. | .. | 26 | 12b | .. | .. | 02 | 09 | G | B2 |
| 8328 | Pegasus | 11 | 4414 | 3851 | .. | 42.2 | + 2 14 | 5.50 | 06 | .. | .. | .. | .. | 05 | .. | .. | 20 | .. | 05 | 30b | .. | 32 | 10 | 18 | A | A0 |
| 8329 | Cygnus | — | 4204 | .. | .. | 42.3 | +42 35 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30b | .. | .. | .. | 39 | G | A0 |
| 8330 | Pegasus | — | 4598 | 3852 | .. | 42.3 | +16 44 | 6.24 | 07 | .. | .. | .. | .. | 06 | .. | .. | .. | .. | .. | 18b | .. | .. | 29 | .. | F | F0 |
| 8331 | Indus | — | 3951 | 7412 | 29794 | 42.3 | −65 10 | 5.65 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 00 | 14. | K | K0 |
| 8332 | Aquar. | — | 5827 | .. | 29818 | 42.4 | − 6 23 | 6.20 | .. | .. | .. | .. | .. | 06 | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 88 | A 5 | A3 |
| 8333 | Indus | o | 2873 | 7413 | 29790 | 42.4 | −70 6 | 5.50 | .. | .. | .. | .. | 05 | .. | .. | 06 | .. | .. | .. | .. | .. | .. | 08 | 17. | K 5 | K2 |
| 8334 | Cepheus | ν 10 | 2288 | 3855 | .. | 42.6 | +60 40 | 4.46 | 04 | 00 | .. | .. | .. | 06 | 01 | .. | 16 | .. | 38 | 02c | .. | 01 | 01 | 56 | A 2 p | A2p |
| 8335 | Cygnus | $\pi^2$ 81 | 3504 | 3856 | .. | 43.1 | +48 51 | 4.26 | 18 | .. | .. | .. | .. | 16 | 03 | .. | 24 | .. | 50 | 18a | .. | .. | 11 | 07 | B 3 | B3 |
| 8336 | Pegasus | — | 4643 | .. | .. | 43.9 | +36 6 | 6.60 | .. | .. | 07 | .. | .. | .. | 06 | .. | .. | .. | .. | 24e | .. | .. | .. | .. | K | K5 |
| 8337 | Capric. | — | 6027 | .. | 29856 | 44.3 | −13 11 | 6.12 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 10 | A | A0 |
| 8338 | Cygnus | — | 4427 | 3858 | .. | 44.4 | +38 11 | 5.80 | 00 | .. | .. | .. | .. | 00 | .. | .. | .. | .. | 14 | 40a | .. | .. | 00 | 18 | A | B9 |
| 8339 | Cepheus | 12 | 2294 | 3859 | .. | 44.5 | +60 14 | 5.64 | 01 | .. | 02 | .. | .. | 01 | .. | .. | 24 | .. | .. | 04d | .. | .. | 04 | 98 | Ma | ma |
| 8340 | Capric. | — | 6389 | .. | 29869 | 44.7 | −17 19 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 8341 | Pegasus | — | 4793 | .. | .. | 44.8 | +20 0 | 6.16 | .. | .. | 09 | .. | .. | 08 | .. | .. | .. | .. | .. | 37b | .. | .. | .. | 10 | G | B3 |
| 8342 | Cepheus | — | 1198 | .. | .. | 45.3 | +69 41 | 6.42 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | 26b | .. | .. | .. | 41 | A | A0 |
| 8343 | Pegasus | 14 | 4525 | 3861 | .. | 45.4 | +29 43 | 5.00 | 04 | .. | .. | .. | .. | 20 | 24 | .. | 10 | .. | 16 | 44a | .. | .. | 05 | 18 | A | A0 |
| 8344 | Pegasus | 13 | 4612 | 3860 | .. | 45.4 | +16 49 | 5.32 | 02 | .. | .. | .. | .. | 01 | .. | .. | 06 | .. | 24 | 30c | .. | .. | 12 | 28 | F | F2 |
| 8345 | Cygnus | — | 4648 | 3862 | .. | 45.6 | +40 40 | 6.49 | 05 | .. | 13 | .. | .. | 09 | .. | .. | .. | .. | 20 | 13b | .. | .. | 09 | .. | A | A0 |
| 8346 | Capric. | — | 6176 | .. | 29903 | 46.2 | −19 5 | 6.14 | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 48 | A | F2 |
| 8347 | Cepheus | — | 2300 | .. | .. | 46.4 | +60 49 | 6.41 | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | 01d | .. | .. | .. | .. | A | ma |
| 8348 | Pegasus | — | 4797 | 3863 | .. | 46.9 | +19 22 | 5.68 | 13 | .. | .. | 04 | .. | 09 | .. | .. | .. | .. | 05 | 32b | .. | .. | 02 | 02 | A | B9 |
| 8349 | Cygnus | — | 4621 | .. | .. | 47.0 | +39 5 | 6.19 | .. | .. | .. | .. | .. | 09 | 09 | .. | .. | .. | .. | 25a | .. | .. | 09 | 08 | A | B9 |
| 8350 | Pegasus | — | 5027 | .. | .. | 47.6 | +20 48 | 7.05 | .. | .. | A | .. | .. | .. | R | .. | .. | .. | .. | 40d | .. | .. | .. | .. | Ma | mb |

1908AnHar..50

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**21h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8351 | Capric. | μ 51 | 6149 | 3864 | 29938 | 47.8 | −14 1 | 5.18 | 06 | .. | 11 | .. | .. | *08* | *10* | .. | 25 | .. | .. | .. | .. | .. | 14 | 18 | F | F0 |
| 8352 | Indus | — | 6277 | .. | 29926 | 47.8 | −62 21 | 5.89 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 03 | 10. | F | F0 |
| 8353 | Grus | γ | 14536 | *7432* | 29935 | 47.9 | −37 50 | 3.16 | .. | *02* | .. | .. | 04 | *09* | *02* | 10 | .. | *02* | .. | .. | 14 | .. | 14 | *1*. | A | B8 |
| 8354 | Pegasus | 15 | 4215 | 3865 | .. | 48.0 | +28 20 | 5.62 | 01 | .. | .. | .. | .. | *02* | 00 | .. | *32* | .. | 30 | 18c | .. | .. | *07* | 31 | F2 | F0 |
| 8355 | Capric. | — | 5785 | 3866 | 29945 | 48.2 | −10 47 | 6.50 | 03 | .. | 20 | .. | .. | *22* | .. | .. | .. | .. | .. | .. | .. | .. | *15* | *21* | A | B9 |
| 8356 | Pegasus | 16 | 4635 | 3867 | .. | 48.5 | +25 27 | 5.05 | *02* | .. | .. | .. | .. | 12 | *10* | .. | 07 | .. | 13 | 20b | .. | 23 | 00 | *11* | B3 | B3 |
| 8357 | Cygnus | — | 2639 | 3870 | .. | 48.8 | +55 20 | 5.54 | *01* | .. | 07 | .. | .. | 03 | *09* | .. | .. | .. | 04 | R | .. | .. | 06 | *32* | B3 | B3 |
| 8358 | Pegasus | — | *4879* | 3869 | .. | 48.9 | +19 13 | 5.76 | *08* | .. | .. | .. | .. | 08 | .. | .. | .. | .. | *02* | 10b | .. | .. | *06* | *25* | A | A0 |
| 8359 | Pegasus | — | 4919 | .. | .. | 48.9 | + 6 23 | 6.58 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | *28*c | .. | .. | .. | *29* | G | G0 |
| 8360 | Aquar. | — | 5568 | 3868 | 29957 | 48.9 | − 4 45 | 5.91 | 14 | .. | *03* | .. | .. | *10* | .. | .. | .. | .. | 10 | .. | .. | .. | 09 | .. | K | K0 |
| 8361 | Cepheus | — | 1664 | .. | .. | 49.1 | +65 17 | 6.41 | .. | .. | *06* | .. | .. | .. | 06 | .. | .. | .. | .. | 13b | .. | .. | .. | *19* | A | A2 |
| 8362 | Indus | — | 7911 | .. | 29955 | 49.2 | −58 22 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | *29* | 5. | A5 | A3 |
| 8363 | Aquar. | — | 5329 | 3871 | 29968 | 49.4 | − 3 46 | 6.18 | 05 | .. | .. | .. | .. | *07* | 02 | .. | .. | .. | 30 | .. | .. | .. | 02 | *09* | F2 | F8 |
| 8364 | Pegasus | — | 4814 | .. | .. | 49.6 | +19 15 | 6.33 | .. | .. | *03* | .. | .. | .. | 03 | .. | .. | .. | .. | 18d | .. | .. | .. | .. | F8 | K0 |
| 8365 | P. Aust. | — | 18541 | .. | 29982 | 50.1 | −31 5 | 6.53 | .. | .. | .. | .. | .. | .. | 07 | *07* | .. | .. | .. | .. | .. | .. | .. | 10. | G | G5 |
| 8366 | Grus | — | 14565 | *7442* | 29989 | 50.4 | −37 44 | 5.55 | .. | 02 | .. | .. | 12 | *08* | *11* | 05 | .. | .. | .. | .. | *30* | .. | 15 | 1. | A2 | A2 |
| 8367 | Grus | — | 14801 | *7447* | 30004 | 51.0 | −38 13 | 6.19 | .. | *05* | .. | .. | 03 | *10* | *02* | 12 | .. | .. | .. | .. | .. | .. | *14* | 3. | A8 | F0 |
| 8368 | Indus | δ | 9733 | *7448* | 29999 | 51.1 | −55 28 | 4.56 | .. | .. | .. | .. | *05* | .. | .. | 05 | .. | .. | .. | .. | .. | .. | *06* | *3*. | F | F0 |
| 8369 | Indus | — | 7744 | .. | 30009 | 51.4 | −59 29 | 6.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 02 | 7. | F2 | F5 |
| 8370 | Octans | — | 1430 | .. | 29985 | 51.4 | −78 8 | 6.64 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *64* | .. | .. | 7. | A5 | A5 |
| 8371 | Cepheus | 13 | *2644* | 3873 | .. | 51.5 | +56 8 | 6.01 | 05 | .. | *15* | .. | .. | 09 | .. | .. | *11* | .. | .. | *07*c | .. | .. | *01* | 45 | A | B2 |
| 8372 | Pegasus | — | 5046 | 3874 | .. | 51.7 | +20 48 | 6.62 | *14* | .. | .. | .. | .. | 05 | 08 | .. | .. | .. | .. | *29*d | .. | .. | *32* | .. | K | K5 |
| 8373 | Pegasus | 17 | 4696 | 3875 | .. | 52.0 | +11 36 | 5.59 | *13* | .. | .. | 17 | .. | *05* | .. | .. | *29* | .. | *23* | 19b | .. | .. | *09* | *20* | A2 | A2 |
| 8374 | Cepheus | — | *2318* | .. | .. | 52.3 | +61 4 | 6.22 | .. | .. | 09 | .. | .. | .. | *10* | .. | .. | .. | .. | 04d | .. | .. | .. | .. | K | K2 |
| 8375 | Cepheus | — | 1607 | .. | .. | 52.9 | +64 52 | 5.85 | .. | .. | 05 | .. | .. | 03 | *09* | .. | .. | .. | .. | 13b | .. | .. | .. | *11* | A | B2 |
| 8376 | Aquar. | — | *5878* | 3877 | 30052 | 53.0 | − 5 54 | 6.21 | *04* | .. | .. | .. | .. | 04 | .. | .. | .. | .. | 20 | .. | .. | .. | *01* | 02 | F | F2 |
| 8377 | Lacerta | — | *3618* | .. | .. | 53.2 | +48 12 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28a | .. | .. | .. | *26* | A | A0 |
| 8378 | *Capric.* | — | 6131 | 3878 | 30055 | 53.2 | −21 40 | 6.23 | 15 | .. | .. | *25* | .. | 00 | 10 | .. | .. | .. | .. | .. | .. | .. | 17 | 14. | Ma | mb |
| 8379 | Grus | — | 14820 | *7451* | 30054 | 53.2 | −38 52 | 5.59 | .. | 01 | .. | .. | *12* | 15 | 04 | *07* | .. | .. | .. | .. | .. | .. | 06 | 12. | K | K0 |
| 8380 | Octans | — | 1542 | *7452* | 30034 | 53.2 | −76 36 | 5.91 | .. | .. | .. | .. | 02 | .. | .. | *02* | .. | .. | .. | .. | *26* | .. | 04 | 1. | F2 | F2 |
| 8381 | Indus | — | 9784 | .. | 30057 | 53.6 | −56 22 | 6.21 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | 07 | 7. | B8 | B8 |
| 8382 | Aquar. | — | *5674* | .. | 30074 | 53.7 | − 4 51 | 6.42 | .. | .. | 13 | .. | .. | .. | *12* | .. | .. | .. | .. | .. | .. | .. | *12* | .. | K | K0 |
| 8383 | Cepheus | — | *2007* | 3879 | .. | 53.8 | +63 9 | 5.35 | *18* | .. | .. | .. | .. | 11 | 06 | .. | .. | .. | 01 | *29*e | .. | .. | 00 | 111 | Ma | md |
| 8384 | Cepheus | — | 1691 | 3882 | .. | 54.7 | +65 41 | 6.28 | *03* | .. | 07 | .. | .. | 03 | *08* | .. | .. | .. | .. | 42b | .. | .. | *78* | *26* | A | B3 |
| 8385 | Pegasus | 18 | 4940 | 3881 | .. | 55.1 | + 6 14 | 5.99 | *01* | .. | .. | 09 | .. | 09 | *18* | .. | *49* | .. | 05 | 25a | .. | .. | *19* | *11* | B5 | B3 |
| 8386 | P. Aust. | η 12 | *18119* | 3880 | 30101 | 55.1 | −28 56 | 5.42 | 05 | .. | .. | *11* | .. | 03 | 02 | .. | *72* | .. | .. | .. | .. | .. | 20 | 6. | A | B8 |
| 8387 | Indus | ε | 10015 | *7463* | 30105 | 55.7 | −57 12 | 4.74 | .. | .. | .. | .. | 05 | .. | .. | *05* | .. | .. | .. | .. | .. | .. | 08 | 20. | K5 | K5 |
| 8388 | Cepheus | — | 2010 | .. | .. | 55.9 | +62 13 | 6.16 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *05*d | .. | .. | .. | .. | Mb | mb |
| 8389 | Cepheus | — | *2670* | .. | .. | 56.0 | +57 10 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33a | .. | .. | .. | 18 | A | A0 |
| 8390 | Aquar. | 28 | *4296* | 3884 | .. | 56.0 | + 0 7 | 5.75 | 06 | .. | *02* | R | .. | *06* | 01 | .. | *15* | .. | 10 | .. | .. | .. | *05*m | 41 | K | K0 |
| 8391 | Pegasus | — | 4316 | .. | .. | 56.1 | +32 33 | 6.46 | .. | .. | .. | .. | .. | *04* | 05 | .. | .. | .. | .. | 22b | .. | .. | .. | .. | A | F5 |
| 8392 | Pegasus | 20 | 4737 | 3886 | .. | 56.2 | +12 38 | 5.66 | *11* | .. | .. | 04 | .. | 08 | .. | .. | 04 | .. | 02 | 22b | .. | .. | *06* | 04 | F | F2 |
| 8393 | Pegasus | 19 | 4779 | 3885 | .. | 56.2 | + 7 47 | 5.85 | 00 | .. | .. | .. | .. | *01* | 00 | .. | *40* | .. | 08 | *01*d | .. | .. | *05* | 25 | G | K2 |
| 8394 | Aquar. | — | 6056 | 3887 | 30141 | 56.7 | −18 23 | 6.38 | *02* | .. | .. | .. | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 02 | .. | K | B5 |
| 8395 | Cepheus | — | 946 | .. | .. | 56.9 | +74 31 | 6.64 | .. | .. | 09 | .. | .. | .. | *09* | .. | .. | .. | .. | *22*d | .. | .. | .. | 68 | K | K5 |
| 8396 | Aquar. | 29 | 6422 | .. | 30147 | 57.0 | −17 27 | 6.49 | .. | .. | .. | 06 | .. | *06* | 00 | .. | *19* | .. | .. | .. | .. | .. | .. | *46* | A | A2 |
| 8397 | Pegasus | — | 4676 | .. | .. | 57.1 | +10 29 | 6.36 | .. | .. | 00 | 00 | .. | .. | .. | .. | .. | .. | .. | 27b | .. | .. | .. | *30* | A | B8 |
| 8398 | P. Aust. | — | 18975 | .. | 30153 | 57.5 | −30 23 | 6.98 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *58* | .. | .. | 8. | A8 | F0 |
| 8399 | Cepheus | — | *2233* | .. | .. | 57.6 | +62 0 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 35a | .. | .. | .. | *03* | B | B0 |
| 8400 | Cepheus | 16 | 1009 | 3892 | .. | 57.8 | +72 42 | 5.15 | 01 | 02 | .. | .. | .. | *01* | *03* | .. | 05 | .. | 23 | 19c | .. | *03* | 05 | 48 | F | F5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8401 | Aquar. | 30 | 5688 | 3888 | 30169 | 58.0 | − 7 1 | 5.60 | 03 | .. | .. | .. | .. | 02 | .. | .. | 00 | .. | 05 | .. | .. | .. | 00 | 47 | A | B5− |
| 8402 | Aquar. | o 31 | 5681 | 3889 | R | 58.1 | − 2 38 | 4.66 | 04 | .. | .. | .. | .. | 04 | .. | .. | 34 | 22 | 06 | .. | .. | .. | 09 | 14 | B 5 | B5p |
| 8403 | Cygnus | — | 3083 | 3890 | .. | 58.2 | +52 24 | 5.66 | 06 | .. | .. | .. | .. | 11 | 04 | .. | .. | .. | 19 | 37a | .. | .. | 19 | 02 | A | B5− |
| 8404 | Pegasus | 21 | 4681 | 3891 | .. | 58.4 | +10 54 | 5.75 | 01 | .. | 05 | 05 | .. | 10 | .. | .. | 03 | .. | 03 | 31b | .. | .. | 05 | 14 | A | A0 |
| 8405 | P. Aust. | 13 | 18985 | .. | 30178 | 58.6 | −30 24 | 6.69 | .. | 48 | .. | .. | .. | 17 | 01 | 33 | 51 | .. | .. | .. | .. | .. | .. | 10. | K 5 | K5− |
| 8406 | Cepheus | 14 | 2441 | 3894 | .. | 58.7 | +57 31 | 5.50 | 01 | .. | .. | .. | .. | 00 | 00 | .. | 05 | .. | 10 | 22b | .. | .. | 00 | 23 | A | B0 |
| 8407 | Lacerta | — | 4119 | 3895 | .. | 58.9 | +44 10 | 5.52 | 12 | .. | .. | .. | .. | 19 | 07 | .. | .. | .. | 23 | 24b | .. | .. | 13 | 11 | A | A0 |
| 8408 | P. Aust. | — | 15757 | 3893 | 30190 | 58.9 | −27 19 | 5.84 | 01 | .. | .. | 06 | .. | 11 | 08 | .. | .. | .. | .. | .. | .. | .. | 01 | 30 | F | B5− |
| 8409 | Indus | — | 7541 | 7470 | 30176 | 58.9 | −60 7 | 5.60 | .. | .. | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 15 | 14. | K | K5− |
| 8410 | Aquar. | 32 | 4242 | 3896 | 30204 | 59.7 | − 1 24 | 5.23 | 01 | .. | .. | .. | .. | 01 | .. | .. | 03 | .. | 37 | .. | .. | .. | 03 | 35 | A 2 | A3 |
| 8411 | Grus | λ | 14639 | 7474 | 30209 | 0.1 | −40 2 | 4.60 | .. | 04 | .. | .. | 08 | 16 | 01 | 11 | .. | 07 | .. | .. | 20 | .. | 12 | 20. | K 2 | K2 |
| 8412 | Pegasus | — | 4329 | .. | .. | 0.2 | +32 27 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09c | .. | .. | .. | .. | G | B5− |
| 8413 | Pegasus | ν 22 | 4800 | 3898 | .. | 0.6 | + 4 34 | 4.90 | 10 | .. | .. | .. | .. | 10 | .. | .. | 08 | .. | 06 | 17d | .. | .. | 10 | 99 | K p | K5− |
| 8414 | Aquar. | α 34 | 4246 | 3899 | 30221 | 0.6 | − 0 48 | 3.19 | 03 | .. | .. | 09 | .. | 07 | .. | .. | 19 | 24 | 15 | .. | .. | .. | 01 | 116 | G | B0 |
| 8415 | Pegasus | — | 4671 | 3897 | .. | 0.7 | +26 12 | 5.93 | 06 | .. | 02 | .. | .. | 00 | 03 | .. | .. | .. | 02 | 01c | .. | .. | 12 | 57 | K | K0 |
| 8416 | Cepheus | 18 | 2028 | 3904 | .. | 0.8 | +62 38 | 5.46 | 04 | .. | .. | .. | .. | 05 | .. | .. | 01 | .. | .. | 01d | .. | .. | 06 | 95 | Mb | Mb |
| 8417 | Cepheus | ξ 17 | 1802 | 3903 | .. | 0.9 | +64 8 | 4.40 | 05 | 02 | .. | .. | .. | 02 | 02 | .. | 02 | .. | 32 | 02c | .. | 11 | 00 | 59 | A 8 | A3 comp |
| 8418 | Aquar. | ι 33 | 6209 | 3901 | 30229 | 1.0 | −14 21 | 4.35 | 01 | .. | 00 | .. | .. | 01 | .. | .. | 05 | 01 | .. | .. | .. | .. | 10 | 18 | B 8 | B8 |
| 8419 | Pegasus | 23 | 4284 | 3902 | .. | 1.1 | +28 28 | 5.58 | 12 | .. | .. | .. | .. | 01 | 13 | .. | 18 | .. | 27 | 28a | .. | .. | 08 | 10 | A | A0 |
| 8420 | Octans | — | 1547 | .. | 30211 | 1.2 | −76 22 | 6.52 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 67 | .. | .. | 8. | Ma | K2 |
| 8421 | Lacerta | — | 3574 | .. | .. | 1.3 | +46 16 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06d | .. | .. | .. | .. | Ma | Mb |
| 8422 | Lacerta | — | 4041 | .. | .. | 1.8 | +44 37 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 42a | .. | .. | .. | 11 | A | A0 |
| 8423 | Cepheus | — | 673 | .. | .. | 1.9 | +82 23 | 6.49 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | R | .. | .. | .. | 03 | F 8 | |
| 8424 | Lacerta | — | 4043 | 3905 | .. | 1.9 | +44 31 | 5.32 | 02 | .. | .. | .. | .. | 09 | 08 | .. | .. | .. | 01 | 11e | .. | .. | 07 | 106 | K | K5− |
| 8425 | Grus | α | 14063 | 7481 | 30241 | 1.9 | −47 27 | 2.16 | .. | .. | .. | .. | 24 | 06 | 47 | 19 | .. | 59 | .. | .. | 41 | .. | 31 | 7. | B 5 | B5− |
| 8426 | Cepheus | 20 | 2029 | 3906 | .. | 2.0 | +62 18 | 5.39 | 03 | .. | .. | .. | .. | 03 | .. | .. | 11 | .. | 26 | 02d | .. | .. | 01 | 101 | K 5 | K5− |
| 8427 | Lacerta | — | 3692 | .. | .. | 2.0 | +47 45 | 6.16 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28a | .. | .. | .. | 40 | A | B3 |
| 8428 | Cepheus | 19 | 2246 | 3909 | .. | 2.1 | +61 48 | 5.17 | 01 | .. | .. | .. | .. | 01 | .. | .. | 03 | .. | 21 | 21b | .. | .. | 03 | 07 | Oe 5 | Oe5− |
| 8429 | Lacerta | — | 4044 | .. | .. | 2.2 | +44 46 | 6.08 | .. | .. | 19 | .. | .. | .. | 18 | .. | .. | .. | .. | 39a | .. | .. | .. | 11 | A | A2 |
| 8430 | Pegasus | ι 24 | 4533 | 3907 | .. | 2.4 | +24 51 | 3.96 | 03 | .. | .. | .. | .. | 13 | 09 | .. | 16 | .. | 28 | 04b | .. | .. | 04 | 48 | F 5 | F5 |
| 8431 | P. Aust. | μ 14 | 15922 | 7486 | 30260 | 2.5 | −33 29 | 4.62 | 09 | 07 | .. | .. | 02 | 03 | 09 | 07 | 11 | 11 | .. | .. | 27 | .. | 02 | 7. | A 2 | A2 |
| 8432 | Octans | — | 1549 | .. | 30235 | 2.5 | −76 37 | 6.21 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | K | K0 |
| 8433 | P. Aust. | υ | 15421 | 7487 | 30261 | 2.6 | −34 32 | 5.09 | .. | 00 | .. | .. | 12 | 18 | 08 | 13 | .. | 11 | .. | .. | .. | .. | 09 | 13. | K 5 | K5− |
| 8434 | Cepheus | — | 2679 | .. | .. | 2.7 | +55 51 | 6.22 | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | .. | 44a | .. | .. | .. | 24 | A | B9 |
| 8435 | Pegasus | — | 4930 | .. | .. | 2.7 | +18 59 | 5.78 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 20b | .. | .. | .. | 06 | F | F0 |
| 8436 | Pegasus | — | 4693 | .. | .. | 2.8 | +17 32 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 07d | .. | .. | .. | .. | Ma | Ma |
| 8437 | P. Aust. | — | 15926 | .. | 30268 | 2.9 | −33 37 | 6.44 | .. | .. | .. | .. | .. | .. | 02 | 03 | .. | .. | .. | .. | .. | .. | .. | 1. | A 2 | A2 |
| 8438 | Pegasus | 25 | 4695 | 3910 | .. | 3.1 | +21 13 | 5.66 | 05 | .. | .. | .. | .. | 13 | 09 | .. | 04 | .. | .. | 28a | .. | .. | 24 | 08 | A | B9 |
| 8439 | Aquar. | 35 | 6227 | 3911 | 30279 | 3.5 | −19 1 | 5.74 | 09 | .. | 05 | .. | .. | 15 | 01 | .. | 01 | .. | .. | .. | .. | .. | 06 | 28 | B 3 | B3 |
| 8440 | Grus | — | 14143 | .. | 30277 | 3.6 | −48 36 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 14. | K | K2 |
| 8441 | Pegasus | — | 4540 | .. | .. | 3.7 | +25 3 | 6.03 | .. | .. | 13 | .. | .. | 13 | .. | .. | .. | .. | .. | 31b | .. | .. | .. | 01 | F | F0 |
| 8442 | Cepheus | — | 2393 | .. | .. | 3.8 | +58 21 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 21d | .. | .. | .. | .. | G 5 | B5− |
| 8443 | Lacerta | — | 3114 | .. | .. | 3.8 | +52 49 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18c | .. | .. | .. | 22 | A | A3p |
| 8444 | P. Aust. | — | 15430 | 7490 | 30290 | 4.1 | −34 31 | 5.49 | .. | 02 | .. | .. | 02 | 00 | 15 | 11 | .. | .. | .. | .. | .. | .. | 09 | 2. | A 5 | A5− |
| 8445 | Lacerta | — | 3746 | .. | .. | 4.3 | +49 18 | 6.58 | .. | .. | 09 | .. | .. | .. | 09 | .. | .. | .. | .. | 18d | .. | .. | .. | .. | A 5 | K5− |
| 8446 | P. Aust. | — | 17622 | .. | 30297 | 4.3 | −28 47 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 111 | A 5 | A3 |
| 8447 | P. Aust. | τ 15 | 15941 | 7491 | 30294 | 4.3 | −33 3 | 5.06 | .. | 10 | .. | .. | 11 | 03 | 04 | 06 | 49 | .. | .. | .. | 41 | .. | 01 | 9. | F 8 | F8 |
| 8448 | Lacerta | — | 3813 | .. | .. | 4.6 | +45 15 | 6.52 | .. | .. | 10 | .. | .. | 22 | 13 | .. | .. | .. | .. | 06c | .. | .. | .. | .. | G | B5− |
| 8449 | Pegasus | 27 | 4349 | 3912 | .. | 4.8 | +32 41 | 5.65 | 05 | .. | .. | .. | .. | 12 | 08 | .. | 05 | .. | .. | 08c | .. | .. | 10 | 51 | K | K0 |
| 8450 | Pegasus | θ 26 | 4961 | 3913 | .. | 5.2 | + 5 42 | 3.70 | 06 | .. | .. | 08 | .. | 13 | .. | .. | 35 | .. | 17 | 38b | .. | .. | 10 | 52 | A | A2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**22h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8451 | Aquar. | — | 5623 | 3914 | 30312 | 5.2 | − 4 23 | 6.10 | 25 | .. | 20 | .. | .. | 04 | 03 | .. | .. | .. | 03 | .. | .. | .. | 08 | 26 | A | A0 |
| 8452 | Aquar. | e 38 | 6196 | 3915 | 30315 | 5.2 | −12 4 | 5.40 | 02 | .. | .. | .. | .. | 02 | .. | R | 10 | .. | .. | .. | .. | .. | 12 | 29 | B5 | B5 |
| 8453 | Aquar. | — | 5625 | .. | 30319 | 5.3 | − 4 46 | 6.13 | .. | .. | 17 | .. | .. | 11 | 07 | .. | .. | .. | .. | .. | .. | .. | 03 | 10 | K | G5 |
| 8454 | Pegasus | π 29 | 4352 | 3917 | .. | 5.5 | +32 41 | 4.38 | 03 | .. | .. | .. | .. | 11 | 08 | .. | 02 | .. | 32 | 08c | .. | .. | 02 | 51 | F5 | F5 |
| 8455 | Pegasus | — | 4946 | .. | .. | 5.5 | +19 8 | 6.07 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 27c | .. | .. | .. | 29 | G | B0 |
| 8456 | Pegasus | — | 4861 | .. | .. | 5.5 | +14 7 | 6.41 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 19c | .. | .. | .. | .. | G2 | K0 |
| 8457 | Aquar. | — | 6173 | 3916 | 30320 | 5.5 | −21 44 | 6.10 | 03 | .. | .. | 08 | .. | 01 | 08 | .. | .. | .. | .. | .. | .. | .. | 05 | 23 | K | F5 |
| 8458 | Pegasus | — | 4701 | 3918 | .. | 5.7 | +11 8 | 5.92 | 01 | .. | .. | .. | .. | 00 | .. | .. | .. | .. | .. | 01d | .. | .. | 22 | 50 | K | K5 |
| 8459 | Pegasus | 28 | 5093 | 3919 | .. | 5.8 | +20 29 | 6.40 | 02 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | .. | 22b | .. | .. | 00 | 21 | A | A2 |
| 8460 | Pegasus | — | 4604 | .. | .. | 6.3 | +30 4 | 6.38 | .. | .. | 08 | .. | .. | .. | 07 | .. | .. | .. | .. | 16b | .. | .. | .. | 11 | A | A5 |
| 8461 | Pegasus | — | 4592 | .. | .. | 7.1 | +15 33 | 6.06 | .. | .. | 03 | .. | .. | 16 | 12 | .. | .. | .. | .. | 10c | .. | .. | .. | 43 | K | K0 |
| 8462 | Aquar. | 39 | 6229 | .. | 30354 | 7.1 | −14 42 | 6.17 | .. | .. | 09 | 02 | .. | 12 | .. | .. | 17 | .. | .. | .. | .. | .. | .. | 31 | F | F0 |
| 8463 | Lacerta | — | 3602 | 3922 | .. | 7.2 | +50 20 | 5.44 | 00 | .. | 13 | .. | .. | 14 | .. | .. | .. | .. | 21 | 12b | .. | .. | 27 | 08 | A | A2 |
| 8464 | P. Aust. | — | 16033 | 3920 | 30359 | 7.3 | −26 50 | 6.16 | 02 | .. | .. | 12 | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | 29 | 45 | A | |
| 8465 | Cepheus | ζ 21 | 2475 | 3923 | .. | 7.4 | +57 42 | 3.62 | 08 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | 23 | 02d | .. | .. | .. | 163 | K | K0 |
| 8466 | Pegasus | — | 4548 | .. | .. | 7.5 | +24 28 | 6.14 | .. | .. | 02 | .. | .. | 08 | 05 | .. | .. | .. | .. | 06d | .. | .. | .. | .. | K | K0 |
| 8467 | Aquar. | — | 5732 | 3921 | 30366 | 7.5 | − 5 13 | 6.41 | 09 | .. | 09 | 18 | .. | 17 | .. | .. | .. | .. | 10 | .. | .. | .. | 26 | 53 | F2 | F5 |
| 8468 | Cepheus | 24 | 1111 | 3925 | .. | 7.9 | +71 51 | 4.99 | 04 | .. | .. | 06 | .. | 11 | .. | .. | 01 | .. | 25 | 04c | .. | .. | 05 | 59 | K | G5 |
| 8469 | Cepheus | λ 22 | 2402 | 3929 | .. | 8.1 | +58 56 | 5.19 | 10 | .. | .. | .. | .. | 19 | 08 | .. | 01 | .. | 31 | 15b | .. | .. | 36 | 10 | Od | Od |
| 8470 | P. Aust. | — | 15815 | 3924 | 30374 | 8.1 | −25 41 | 5.58 | 10 | .. | .. | 16 | .. | 06 | .. | R | .. | .. | .. | .. | .. | .. | 02 | 01 | A | F8 |
| 8471 | Octans | ψ | 1442 | 7503 | 30350 | 8.1 | −78 1 | 5.63 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | 18 | .. | 11 | 4. | A5 | A5 |
| 8472 | Cepheus | — | 2727 | 3926 | .. | 8.2 | +56 21 | 5.42 | 06 | .. | .. | .. | .. | 06 | .. | .. | .. | .. | 16 | 06d | .. | .. | 17 | 55 | F8 | F8 |
| 8473 | Cepheus | 80 | 1112 | .. | .. | 8.3 | +71 37 | 6.36 | .. | .. | .. | A | .. | .. | .. | .. | 04 | .. | .. | 26b | .. | .. | .. | 34 | A | B9 |
| 8474 | Cepheus | — | 1228 | 3931 | .. | 8.4 | +69 38 | 5.54 | 03 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 06 | 16b | .. | .. | 06 | 16 | F | F2 |
| 8475 | Pegasus | — | 4456 | 3927 | .. | 8.4 | +34 7 | 5.42 | 05 | .. | .. | .. | .. | 05 | 11 | .. | .. | .. | 19 | 06d | .. | .. | 02 | 88 | K | K0 |
| 8476 | Cepheus | — | 2403 | .. | .. | 8.5 | +58 34 | 6.52 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06c | .. | .. | .. | 23 | K | K0 |
| 8477 | Grus | — | 14804 | .. | 30378 | 8.5 | −41 51 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | R | .. | .. | 0. | G | G0 |
| 8478 | P. Aust. | λ 16 | 17653 | 3928 | 30384 | 8.6 | −28 16 | 5.40 | 19 | .. | .. | 11 | .. | 03 | 04 | .. | 30 | .. | .. | .. | .. | .. | 18 | 06 | A | B9 |
| 8479 | Cepheus | — | 2358 | 3932 | .. | 8.7 | +60 16 | 5.52 | 09 | .. | 04 | .. | .. | 05 | .. | .. | .. | .. | 07 | 05c | .. | .. | 12 | 55 | K | K0 |
| 8480 | Aquar. | 41 | 6180 | 3930 | 30385 | 8.8 | −21 35 | 5.45 | 03 | .. | .. | 03 | .. | 03 | 05 | 02 | 22 | .. | .. | .. | .. | .. | 05 | 50 | K | G5 |
| 8481 | Octans | ε | 995 | 7505 | 30358 | 8.8 | −80 57 | 5.11 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | 11 | .. | 07 | 15. | Mb | |
| 8482 | Pegasus | — | 4280 | 3933 | .. | 9.1 | +28 7 | 6.01 | 07 | .. | .. | 02 | .. | 11 | 01 | .. | .. | .. | 14 | 07c | .. | .. | 04 | 40 | K | K2 |
| 8483 | Cepheus | — | 2048 | 3934 | .. | 9.3 | +62 48 | 6.06 | 06 | .. | .. | .. | .. | 06 | .. | .. | .. | .. | 00 | 30d | .. | .. | 04 | 60 | Ma | Ma |
| 8484 | Grus | — | 14644 | 7507 | 30393 | 9.4 | −44 57 | 6.16 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | 3. | K | K0 |
| 8485 | Lacerta | — | 4711 | 3935 | .. | 9.6 | +39 13 | 4.64 | 01 | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 22 | 09e | .. | .. | 09 | 127 | K | K2 |
| 8486 | Grus | μ1 | 14810 | 7509 | 30395 | 9.6 | −41 51 | 4.86 | .. | .. | .. | .. | 00 | 01 | 06 | 06 | .. | 00 | .. | .. | 21 | .. | 06 | 12. | G | G0 |
| 8487 | Lacerta | — | 4073 | 3936 | .. | 9.7 | +44 57 | 5.51 | 26 | .. | 09 | .. | .. | 17 | .. | .. | .. | .. | 45 | 30b | .. | .. | 29 | 10 | A | A0 |
| 8488 | Grus | μ2 | 15846 | 7517 | 30405 | 10.4 | −42 8 | 5.19 | .. | .. | .. | .. | 03 | 03 | 02 | 08 | .. | .. | .. | .. | 44 | .. | 06 | 12. | G5 | G5 |
| 8489 | Lacerta | — | 4333 | 3937 | .. | 10.5 | +42 28 | 5.70 | 03 | .. | .. | .. | .. | 00 | 04 | .. | .. | .. | .. | 24b | .. | .. | .. | 01 | A | A0 |
| 8490 | Cepheus | — | 2053 | .. | .. | 10.7 | +62 40 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 07a | .. | .. | .. | 40 | A | B9 |
| 8491 | Pegasus | — | 4834 | .. | .. | 11.0 | + 8 3 | 6.03 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 51b | .. | .. | .. | 10 | A | A0 |
| 8492 | P. Aust. | — | 16057 | 3938 | 30414 | 11.0 | −26 24 | 6.27 | 23 | .. | .. | 04 | .. | 05 | 14 | .. | .. | .. | .. | .. | .. | .. | 11 | 11. | G5 | K0 |
| 8493 | Cepheus | — | 1022 | 3943 | .. | 11.1 | +72 49 | 6.11 | 11 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | 19d | .. | .. | 10 | 21 | K | G0 |
| 8494 | Cepheus | ε 23 | 2741 | 3942 | .. | 11.3 | +56 33 | 4.23 | 01 | .. | .. | .. | .. | 00 | 00 | .. | 03 | .. | 53 | 13b | .. | .. | 12 | 42 | A5 | F0 |
| 8495 | Aquar. | — | 5726 | .. | 30427 | 11.4 | − 2 6 | 6.09 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 12 | A | A2 |
| 8496 | Aquar. | 42 | 6148 | 3939 | 30426 | 11.4 | −13 20 | 5.55 | 16 | .. | .. | .. | .. | 01 | 05 | 11 | 27 | .. | .. | .. | 17 | .. | 17 | 17 | K | K0 |
| 8497 | Aquar. | — | 17344 | .. | 30424 | 11.4 | −23 39 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 6. | G5 | G5 |
| 8498 | Lacerta | 1 | 4526 | 3944 | .. | 11.6 | +37 15 | 4.22 | 08 | .. | .. | .. | .. | 08 | .. | .. | 18 | .. | 42 | 10d | .. | .. | 07 | 150 | K | K0 |
| 8499 | Aquar. | θ 43 | 5845 | 3940 | 30430 | 11.6 | − 8 17 | 4.32 | 00 | .. | .. | .. | .. | 01 | 00 | 03 | 13 | 19 | 07 | .. | .. | .. | 13 | 109 | K | K0 |
| 8500 | Aquar. | — | 5948 | 3941 | 30431 | 11.6 | − 9 32 | 6.08 | 10 | .. | 03 | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | 18 | 07 | K | K0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



22h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 8501 | Grus | — | 10055 | 7525 | 30425 | 11.7 | −54 7 | 5.44 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | 02 | 8. | G |
| 8502 | Tucana | a | 7561 | 7524 | 30422 | 11.7 | −60 45 | 2.91 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 09 | .. | .. | 51 | .. | 03 | 15. | K2 |
| 8503 | Pegasus | — | 4288 | .. | .. | 11.9 | +27 18 | 6.43 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09c | .. | .. | .. | .. | A |
| 8504 | Aquar. | 44 | 5960 | 3945 | 30436 | 11.9 | − 5 54 | 5.80 | 11 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | 08 | .. | .. | .. | 10 | 45 | G |
| 8505 | Octans | υ | 406 | 7529 | 30380 | 12.6 | −86 29 | 5.74 | .. | .. | .. | .. | 05 | .. | .. | 05 | .. | .. | .. | .. | 14 | .. | 04 | 13. | K |
| 8506 | Cepheus | — | 2746 | .. | .. | 12.8 | +56 43 | 6.05 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09c | .. | .. | .. | 08 | G5 |
| 8507 | Aquar. | — | 4333 | .. | 30458 | 13.0 | −0 45 | 6.36 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | F5 |
| 8508 | Aquar. | 45 | 6255 | .. | 30471 | 13.6 | −13 48 | 6.09 | .. | .. | 13 | 02 | .. | 13 | 03 | .. | 07 | .. | .. | .. | .. | .. | .. | 08 | K |
| 8509 | Tucana | — | 7942 | 7533 | 30468 | 14.0 | −58 1 | 6.34 | .. | .. | .. | .. | 03 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 01 | 12. | K5 |
| 8510 | Lacerta | — | 4537 | .. | .. | 14.6 | +37 15 | 6.11 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 38b | .. | .. | .. | 01 | A |
| 8511 | Cepheus | 25 | 2059 | 3947 | .. | 14.9 | +62 18 | 5.99 | 19 | .. | .. | .. | .. | 06 | 13 | .. | 31 | .. | 29 | 16c | .. | .. | 06 | 51 | K |
| 8512 | Aquar. | ρ 46 | 5855 | 3946 | 30498 | 14.9 | − 8 19 | 5.36 | 01 | .. | .. | .. | .. | 06 | 06 | 14 | 04 | 21 | 14 | .. | .. | .. | 16 | 10 | B8 |
| 8513 | Pegasus | 30 | 4998 | 3948 | .. | 15.5 | + 5 17 | 5.35 | 17 | .. | 31 | 01 | .. | 12 | .. | .. | 18 | .. | 36 | 29b | .. | 18 | 15 | 09 | B5 |
| 8514 | Pegasus | — | 4853 | .. | .. | 15.9 | + 7 41 | 6.17 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 35b | .. | .. | .. | 03 | F |
| 8515 | Indus | ν | 2690 | 7536 | 30500 | 16.0 | −72 44 | 5.42 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 08 | 6. | F |
| 8516 | Aquar. | 47 | 5897 | 3949 | 30513 | 16.1 | −22 5 | 5.40 | 03 | .. | .. | 29 | .. | 16 | .. | 12 | 03 | .. | .. | .. | .. | .. | 12 | 71 | K |
| 8517 | Pegasus | — | 4410 | .. | .. | 16.4 | +26 26 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17d | .. | .. | .. | .. | K |
| 8518 | Aquar. | γ 48 | 5741 | 3950 | 30529 | 16.5 | − 1 53 | 3.97 | 10 | .. | .. | .. | .. | 16 | .. | 07 | 13 | 13 | 00 | .. | .. | 16 | 11 | 11 | A |
| 8519 | Lacerta | — | 3673 | .. | .. | 16.6 | +50 28 | 6.55 | .. | .. | 02 | .. | .. | .. | 02 | .. | .. | .. | .. | 07d | .. | .. | .. | .. | A5 |
| 8520 | Pegasus | 31 | 4784 | 3951 | .. | 16.6 | +11 42 | 4.93 | 13 | .. | .. | .. | .. | 11 | 01 | .. | 04 | .. | 16 | 22a | .. | .. | 02 | 14 | B3p |
| 8521 | Grus | $\pi^1$ | 14292 | .. | 30526 | 16.6 | −46 27 | 6.65 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | R | .. | .. | 6. | Pec. |
| 8522 | Pegasus | 32 | 4299 | 3952 | .. | 16.7 | +27 50 | 4.88 | 01 | .. | .. | .. | .. | 10 | 10 | .. | 09 | .. | 19 | 13b | .. | .. | 02 | 02 | B8 |
| 8523 | Lacerta | 2 | 3894 | 3953 | .. | 16.9 | +46 2 | 4.66 | 11 | .. | .. | .. | .. | 12 | 01 | .. | 21 | .. | 01 | 06a | .. | 06 | 14 | 08 | B5 |
| 8524 | Grus | $\pi^2$ | 14295 | 7539 | 30534 | 16.9 | −46 25 | 5.82 | .. | .. | .. | .. | 01 | .. | .. | 02 | .. | .. | .. | .. | R | .. | 14 | 1. | F |
| 8525 | Cepheus | — | 820 | .. | .. | 17.1 | +76 0 | 6.56 | .. | .. | 09 | .. | .. | .. | 08 | .. | .. | .. | .. | 32b | .. | .. | .. | 32 | A |
| 8526 | Octans | — | 1748 | 7540 | 30520 | 17.1 | −75 31 | 6.17 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | 08 | 4. | G |
| 8527 | Indus | — | 2686 | 7541 | 30532 | 17.4 | −70 56 | 5.95 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 07 | 1. | F |
| 8528 | Lacerta | — | 4469 | .. | .. | 17.6 | +41 36 | 6.27 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 37a | .. | .. | .. | 01 | A |
| 8529 | Aquar. | 49 | 15905 | 3954 | 30555 | 17.9 | −25 16 | 5.61 | 02 | .. | .. | 08 | .. | 01 | 00 | 05 | 29 | .. | .. | .. | .. | .. | 19 | 14. | K |
| 8530 | Aquar. | — | 5765 | 3955 | 30564 | 18.3 | − 7 42 | 6.11 | 02 | .. | .. | .. | .. | 08 | .. | 05 | .. | .. | .. | .. | .. | .. | 01 | .. | K |
| 8531 | Tucana | — | 7954 | 7543 | 30557 | 18.3 | −58 17 | 5.39 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 01 | 7. | G5 |
| 8532 | Pegasus | 33 | 5139 | 3956 | .. | 18.8 | +20 20 | 6.13 | 11 | .. | 17 | .. | .. | 02 | 05 | .. | 07 | .. | .. | 35c | .. | .. | 13 | 34 | G |
| 8533 | Aquar. | 51 | 5780 | 3957 | 30580 | 18.9 | − 5 20 | 5.85 | 10 | .. | 02 | .. | .. | 09 | .. | 17 | 05 | .. | 09 | .. | .. | .. | 00 | 17 | A |
| 8534 | Aquar. | 50 | 6276 | 3958 | 30582 | 19.1 | −14 2 | 5.92 | 03 | .. | 10 | .. | .. | 10 | 03 | 01 | 43 | .. | .. | .. | .. | .. | 02 | .. | G |
| 8535 | Cepheus | — | 2765 | .. | .. | 19.3 | +56 47 | 6.19 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 20b | .. | 13 | .. | 33 | A |
| 8536 | Lacerta | — | 4560 | .. | .. | 19.5 | +38 4 | 6.20 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 18c | .. | .. | .. | 33 | G |
| 8537 | Cepheus | — | 2291 | .. | .. | 19.6 | +61 55 | 6.01 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23a | .. | .. | .. | 24 | A |
| 8538 | Lacerta | 3 | 3358 | 3959 | .. | 19.6 | +51 44 | 4.58 | 06 | .. | .. | .. | .. | 02 | 04 | .. | 02 | .. | 08 | 01c | .. | .. | 02 | 90 | K |
| 8539 | Aquar. | π 52 | 4872 | 3960 | .. | 20.2 | + 0 52 | 4.64 | 05 | .. | .. | 18 | .. | 13 | .. | .. | 06 | 13 | 20 | 04b | .. | .. | 11 | 28 | B1p |
| 8540 | Tucana | δ | 4044 | 7550 | 30594 | 20.2 | −65 28 | 4.80 | .. | .. | .. | .. | 06 | .. | .. | 06 | .. | 61 | .. | .. | .. | .. | 05 | 2. | B9 |
| 8541 | Lacerta | 4 | 3715 | 3962 | .. | 20.4 | +48 58 | 4.64 | 00 | .. | .. | .. | .. | 01 | 01 | .. | 01 | .. | 22 | 10b | .. | .. | 14 | 16 | B9 |
| 8542 | Aquar. | — | 17171 | 3961 | 30610 | 20.7 | −24 11 | 6.17 | 12 | .. | .. | 11 | .. | 02 | .. | .. | .. | .. | .. | .. | .. | .. | 07 | 30 | A |
| 8543 | Pegasus | — | 4746 | .. | .. | 20.9 | +17 57 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 02c | .. | .. | .. | .. | K |
| 8544 | Aquar. | f 53 | 6520 | 3963 | 30617 | 21.1 | −17 15 | 6.57 | 07 | .. | .. | 18 | .. | 10 | 02 | .. | 20 | .. | .. | .. | .. | .. | 08 | 28 | F8 |
| 8545 | Aquar. | | 6521 | | 30618 | 21.2 | −17 15 | 6.35 | | | | | | | | | | | | | | | | | |
| 8546 | Cepheus | — | 383 | 3968 | .. | 21.3 | +85 36 | 5.38 | 03 | .. | 07 | .. | .. | 03 | .. | .. | .. | .. | 12 | 01b | .. | .. | 38 | 01 | A |
| 8547 | Indus | — | 3493 | 7555 | 30611 | 21.3 | −67 59 | 5.70 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | 08 | 2. | K |
| 8548 | Pegasus | 34 | 4705 | 3964 | .. | 21.5 | + 3 53 | 5.85 | 12 | .. | .. | 22 | .. | 11 | .. | .. | 35 | .. | 05 | 35c | .. | .. | 70 | 08 | F |
| 8549 | Lacerta | — | 4835 | .. | .. | 22.4 | +36 57 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 39a | .. | .. | .. | 17 | A |
| 8550 | Cepheus | — | 860 | .. | .. | 22.8 | +77 44 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 56b | .. | .. | .. | 26 | A |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..5



**22h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8551 | Pegasus | 35 | *4710* | 3965 | .. | 22.8 | + 4 12 | 4.93 | 04 | .. | .. | .. | .. | *04* | 01 | .. | 24 | .. | 09 | *02*d | .. | .. | 07 | 85 | K | K0 |
| 8552 | Grus | ν | 14723 | *7561* | 30641 | 22.8 | −39 38 | 5.48 | .. | *01* | .. | .. | *02* | 07 | *03* | 00 | .. | .. | .. | .. | .. | .. | *13* | 12. | K | K0 |
| 8553 | Lacerta | — | 4841 | 3966 | .. | 23.1 | +39 19 | 6.07 | 00 | .. | .. | .. | .. | 06 | *07* | .. | .. | .. | *05* | 39a | .. | 22 | 03 | 05 | A | B3 |
| 8554 | Cepheus | — | 2750 | .. | .. | 23.2 | +55 56 | 6.42 | .. | .. | *16* | .. | .. | .. | 17 | .. | .. | .. | .. | 24a | .. | .. | .. | *11* | A | B8 |
| 8555 | Pegasus | — | 4701 | 3967 | .. | 23.2 | +31 20 | 6.26 | 08 | .. | .. | .. | .. | *09* | .. | .. | .. | .. | *07* | *26*d | .. | .. | *16* | .. | K | K2 |
| 8556 | Grus | $\delta^1$ | 14931 | *7563* | 30647 | 23.3 | −44 0 | 4.02 | .. | .. | .. | .. | 05 | *01* | *06* | 02 | .. | 17 | .. | .. | *07* | .. | *02* | 17. | G5 | G5 |
| 8557 | Cepheus | — | 1240 | 3969 | .. | 23.5 | +70 16 | 5.69 | 01 | 02 | R | .. | .. | 01 | *04* | .. | .. | .. | *10* | *05*c | .. | *17* | *01* | 42 | K | K0 |
| 8558 | Aquar. | ζ 55 | 4365 | 3970 | 30662 | 23.7 | − 0 32 | 4.59 | 06 | .. | .. | .. | .. | 04 | *09* | .. | 05 | 01 | *04* | .. | .. | .. | 00 | 60 | F5 | F2 |
| 8559 | Aquar. | | | 3971 | 30663 | 23.7 | − 0 32 | 4.42 | | | | | | | | | | | | | | | | | | |
| 8560 | Grus | $\delta^2$ | 14935 | *7564* | 30657 | 23.8 | −44 15 | 4.31 | .. | .. | .. | .. | *05* | 02 | 03 | 01 | .. | *08* | .. | .. | *36* | .. | 04 | 13. | Mb | Mb |
| 8561 | Cepheus | 26 | 1664 | 3974 | .. | 23.9 | +64 37 | 5.66 | *11* | .. | .. | .. | .. | 10 | .. | .. | *01* | .. | 07 | 10b | .. | .. | *04* | 10 | F | B0 |
| 8562 | Pegasus | 36 | 4874 | 3973 | .. | 24.1 | + 8 38 | 5.82 | 00 | .. | .. | 10 | .. | *11* | .. | .. | *12* | .. | 07 | *32*d | .. | .. | 13 | 64 | K | K2 |
| 8563 | P. Aust. | — | 15932 | 3972 | 30670 | 24.2 | −27 37 | 5.95 | *03* | .. | .. | 07 | .. | *04* | .. | .. | .. | .. | .. | .. | .. | 00 | 80 | 0. | F | F0 |
| 8564 | Pegasus | — | 4439 | 3975 | .. | 24.5 | +26 16 | 5.96 | 07 | .. | .. | .. | .. | 06 | *12* | .. | .. | .. | *11* | *02*d | .. | .. | *16* | .. | K | K2 |
| 8565 | Aquar. | — | 6204 | .. | 30680 | 24.6 | −13 25 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | F0 |
| 8566 | Pegasus | 37 | 4713 | 3976 | .. | 24.9 | + 3 56 | 5.47 | *20* | .. | .. | 20 | .. | *01* | .. | .. | *22* | .. | *42* | 50b | .. | .. | 38 | 36 | F | F5 |
| 8567 | Aquar. | 56 | 6231 | .. | 30687 | 24.9 | −15 5 | 6.37 | .. | .. | 13 | 10 | .. | .. | *23* | .. | 23 | .. | .. | .. | .. | .. | *07* | *52* | A | A0 |
| 8568 | Cepheus | — | 1852 | .. | .. | 25.0 | +63 34 | 6.38 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 10c | .. | .. | .. | 09 | K | K0 |
| 8569 | Lacerta | — | *4700* | .. | .. | 25.2 | +35 13 | 6.53 | .. | .. | 09 | .. | .. | .. | *09* | .. | .. | .. | .. | 20a | .. | .. | .. | *47* | F | A0 |
| 8570 | P. Aust. | ζ | 16175 | 3977 | 30695 | 25.3 | −26 35 | 6.53 | 09 | .. | .. | *21* | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | *55* | 7. | K | K0 |
| 8571 | Cepheus | δ 27 | 2548 | 3981 | .. | 25.4 | +57 54 | var. | v | .. | .. | .. | .. | .. | .. | .. | v | .. | v | v | .. | .. | v | v | G | F5 — G0 changes |
| 8572 | Lacerta | 5 | *3719* | 3980 | .. | 25.4 | +47 11 | 4.61 | *04* | .. | .. | .. | .. | 04 | 00 | .. | *08* | .. | *13* | *13*e | .. | .. | *03* | 148 | K | — K0 comp |
| 8573 | Aquar. | σ 57 | 5850 | 3978 | 30696 | 25.4 | −11 11 | 4.89 | *06* | .. | .. | .. | .. | *12* | .. | 18 | *29* | 21 | .. | .. | .. | 15 | *11* | 13 | A | A0 A |
| 8574 | Pegasus | 38 | *4708* | 3979 | .. | 25.5 | +32 4 | 5.51 | *01* | .. | .. | .. | .. | 04 | *03* | .. | *11* | .. | 11 | 13a | .. | .. | *06* | *19* | A | A0 |
| 8575 | Lacerta | — | 3747 | .. | .. | 25.9 | +48 51 | 6.52 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *02*d | .. | .. | .. | .. | G5 | K0 |
| 8576 | P. Aust. | β 17 | 17126 | *7572* | 30704 | 25.9 | −32 52 | 4.36 | *10* | 01 | .. | .. | 12 | *04* | *05* | 08 | *26* | 06 | .. | .. | *16* | .. | 04 | 1. | A | A0 |
| 8577 | Octans | — | 1206 | .. | 30683 | 25.9 | −79 17 | 6.08 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *08* | .. | .. | 13. | K | K0 |
| 8578 | Cepheus | 28 | 796 | 3986 | .. | 26.0 | +78 17 | 5.77 | 01 | .. | .. | *23* | .. | 23 | .. | .. | 03 | .. | 05 | 35b | .. | .. | 07 | 05 | A | A2 |
| 8579 | Lacerta | 6 | 4420 | 3985 | .. | 26.1 | +42 36 | 4.54 | 03 | .. | .. | .. | .. | *07* | 04 | .. | 11 | .. | 18 | 17b | .. | .. | 06 | *02* | B3 | B3 |
| 8580 | Aquar. | — | 5460 | .. | 30713 | 26.1 | − 3 25 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 15 | A | K0 |
| 8581 | Aquar. | — | 5797 | 3984 | .. | 26.1 | − 7 4 | 6.20 | 03 | .. | .. | .. | .. | 02 | *06* | .. | .. | .. | 23 | .. | .. | .. | *05* | 17 | K | F8 |
| 8582 | Tucana | ν | 6348 | *7573* | 30709 | 26.2 | −62 29 | 4.92 | .. | .. | .. | .. | *12* | .. | .. | 12 | .. | 46 | .. | .. | .. | .. | 00 | 20. | Mb | Mb |
| 8583 | Aquar. | 58 | 5855 | .. | 30720 | 26.4 | −11 25 | 6.39 | .. | .. | .. | A | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | *50* | A | F0 |
| 8584 | Pegasus | — | *4389* | .. | .. | 27.0 | +29 2 | 6.32 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 24a | .. | .. | .. | *02* | A | A5 |
| 8585 | Lacerta | 7 | 3875 | 3987 | .. | 27.2 | +49 46 | 3.85 | 05 | .. | .. | .. | .. | *05* | .. | .. | 30 | .. | 30 | 09b | .. | .. | *05* | 09 | A | A0 |
| 8586 | Pegasus | 39 | 4949 | 3988 | .. | 27.7 | +19 43 | 6.31 | 01 | .. | 09 | .. | .. | *11* | .. | .. | *01* | .. | *07* | 36b | .. | .. | *01* | .. | A5 | A0 |
| 8587 | Pegasus | — | 4670 | .. | .. | 27.9 | +15 20 | 6.36 | .. | .. | *02* | .. | .. | .. | 02 | .. | .. | .. | .. | 16c | .. | .. | .. | 33 | K | K0 |
| 8588 | Lacerta | — | 4871 | 3989 | .. | 28.0 | +39 16 | 5.80 | *16* | .. | 12 | .. | .. | 05 | *01* | .. | .. | .. | 00 | 40b | .. | .. | 00 | 34 | A | A3 |
| 8589 | Lacerta | — | 2910 | .. | .. | 28.4 | +53 31 | 6.47 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05c | .. | .. | .. | .. | K | K0 |
| 8590 | Aquar. | 60 | 5781 | 3990 | 30776 | 28.9 | − 2 5 | 5.92 | *02* | .. | .. | .. | .. | 04 | 05 | *08* | 28 | .. | 22 | .. | .. | .. | *17* | 48 | K | K0 |
| 8591 | Cepheus | ρ 29 | 801 | 3992 | .. | 29.0 | +78 19 | 5.50 | *12* | .. | .. | .. | .. | 13 | .. | .. | *10* | .. | *07* | 08b | .. | .. | *16* | 02 | A | A2 |
| 8592 | Aquar. | υ 59 | 6251 | 3991 | 30782 | 29.2 | −21 13 | 5.29 | *08* | .. | .. | *06* | .. | 15 | .. | R | *09* | .. | .. | .. | .. | .. | *09* | 54 | F | F5 |
| 8593 | Tucana | — | 7971 | *7583* | 30779 | 29.4 | −58 24 | 6.26 | .. | .. | .. | .. | *11* | .. | .. | 10 | .. | .. | .. | .. | .. | .. | *08* | *2*. | A | A3 |
| 8594 | Cepheus | — | *2769* | .. | .. | 29.8 | +56 7 | 5.80 | .. | .. | 11 | .. | .. | *03* | *08* | .. | .. | .. | .. | 00c | .. | .. | .. | 01 | G | K0 |
| 8595 | Cepheus | — | 1262 | 3995 | .. | 30.1 | +69 24 | 6.02 | *01* | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 09 | 18b | .. | .. | *04* | *07* | A | F2 |
| 8596 | Aquar. | — | 17232 | 3993 | 30797 | 30.1 | −24 31 | 6.04 | 11 | .. | .. | *09* | .. | *02* | .. | R | .. | .. | .. | .. | .. | .. | 16 | 8. | G5 | K0 |
| 8597 | Aquar. | η 62 | 4384 | 3994 | 30800 | 30.2 | − 0 38 | 4.13 | 09 | .. | .. | 08 | .. | *16* | .. | .. | *03* | *17* | *01* | .. | .. | .. | 15 | 15 | B8 | B8 |
| 8598 | Cepheus | — | 1263 | .. | .. | 30.4 | +69 51 | 6.26 | .. | .. | *07* | .. | .. | 08 | .. | .. | .. | .. | .. | 32b | .. | .. | .. | *35* | A | A0 |
| 8599 | Cepheus | — | 836 | 3996 | .. | 30.5 | +75 43 | 5.74 | *08* | .. | 03 | .. | .. | 05 | .. | .. | .. | .. | *09* | 14b | .. | .. | *04* | *08* | A | A0 |
| 8600 | Grus | — | 14959 | *7588* | 30805 | 30.7 | −41 6 | 6.11 | .. | .. | .. | .. | 01 | *23* | *10* | 32 | .. | .. | .. | .. | *86* | .. | 04 | 5. | A2 | A2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHa



22h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8601 | P. Aust. | — | 17161 | 7589 | 30810 | 31.0 | −32 11 | 5.75 | .. | 08 | .. | .. | 27 | 16 | 10 | 07 | .. | .. | .. | .. | 15 | .. | 20 | 14. | K | Ko |
| 8602 | Grus | — | 14963 | 7590 | 30814 | 31.2 | −41 6 | 5.75 | .. | .. | .. | .. | 10 | 13 | 14 | 36 | .. | .. | .. | .. | 50 | .. | 10 | 2. | A 2 | A2 |
| 8603 | Lacerta | 8 | 4808 | 3997 | .. | 31.4 | +39 7 | 5.36 | 06 | .. | .. | .. | .. | 09 | 02 | .. | 46 | .. | R | Rb | .. | .. | 16 | 17 | B 5 | B5 |
| 8604 | Lacerta | — | 4728 | .. | .. | 31.6 | +35 4 | 6.20 | .. | .. | 07 | .. | .. | .. | 07 | .. | .. | .. | .. | 10c | .. | .. | .. | .. | G 5 | Ko |
| 8605 | Pegasus | — | 4781 | .. | .. | 31.6 | +11 11 | 6.40 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 21b | .. | .. | .. | 53 | A | A0 |
| 8606 | Lacerta | — | 3903 | .. | .. | 31.8 | +49 33 | 6.20 | .. | .. | 02 | .. | .. | 03 | .. | .. | .. | .. | .. | 28b | .. | .. | .. | 07 | A | B3 |
| 8607 | Lacerta | — | 2779 | .. | .. | 32.0 | +55 33 | 6.30 | .. | .. | 04 | .. | .. | .. | 03 | .. | .. | .. | .. | 30a | .. | .. | .. | 33 | A | A2 |
| 8608 | Pegasus | — | 4838 | .. | .. | 32.1 | +12 4 | 6.53 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 05d | .. | .. | .. | 09 | K | K5 |
| 8609 | Lacerta | — | 4729 | .. | .. | 32.2 | +35 8 | 6.50 | .. | .. | 07 | .. | .. | .. | 06 | .. | .. | .. | .. | 08d | .. | .. | .. | .. | Ma | K5 |
| 8610 | Aquar. | κ 63 | 5716 | 3999 | 30842 | 32.6 | − 4 45 | 5.33 | 15 | .. | 01 | .. | .. | 04 | 11 | .. | 17 | .. | 10 | .. | .. | .. | 07 | 72 | K | Ko |
| 8611 | Grus | — | 10326 | .. | 30847 | 33.0 | −53 12 | 6.82 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 42 | .. | .. | 2. | F | F0 |
| 8612 | Aquar. | — | 5912 | .. | 30856 | 33.1 | − 8 25 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F 8 | e0 |
| 8613 | Lacerta | 9 | 3770 | 4001 | .. | 33.2 | +51 1 | 4.83 | 03 | .. | .. | .. | .. | 10 | 06 | .. | 07 | .. | 07 | 05b | .. | .. | 16 | 22 | A 5 | A5 |
| 8614 | P. Aust. | — | 18414 | .. | 30854 | 33.2 | −29 16 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 12. | K 5 | Ko |
| 8615 | Cepheus | 31 | 1049 | 4002 | .. | 33.3 | +73 7 | 5.22 | 04 | .. | .. | .. | .. | 04 | .. | .. | 08 | .. | 08 | 08b | .. | .. | 16 | 30 | F | F0 |
| 8616 | P. Aust. | — | 16160 | 7596 | 30855 | 33.3 | −33 36 | 5.60 | 02 | 02 | .. | .. | 12 | 01 | 06 | 22 | .. | .. | .. | .. | .. | 06 | 05 | 10. | K | a0 |
| 8617 | Lacerta | — | 4185 | .. | .. | 33.9 | +44 40 | 6.45 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | 17c | .. | .. | .. | 28 | K | F9 |
| 8618 | Pegasus | 40 | 5014 | 4000 | .. | 34.0 | +19 0 | 5.80 | 05 | .. | .. | .. | .. | 05 | R | .. | 10 | .. | 15 | 26c | .. | .. | 00 | .. | K | B5 |
| 8619 | P. Aust. | — | 17873 | 4003 | 30870 | 34.2 | −28 51 | 6.33 | 01 | .. | .. | 06 | .. | 05 | .. | .. | .. | .. | .. | .. | .. | .. | 05 | 8. | K | B0 |
| 8620 | Tucana | — | 7984 | 7602 | 30875 | 34.4 | −57 56 | 5.91 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | .. | .. | 11 | 9. | K | Ko |
| 8621 | Cepheus | — | 2821 | 4004 | .. | 34.7 | +56 17 | 5.47 | 16 | .. | .. | .. | .. | 04 | 11 | .. | .. | .. | .. | 25d | .. | .. | 13 | 29 | Mb | mb |
| 8622 | Lacerta | 10 | 4826 | 4005 | .. | 34.8 | +38 32 | 4.91 | 13 | .. | .. | .. | .. | 02 | 15 | .. | 06 | .. | 27 | 15a | .. | .. | 21 | 02 | Oe 5 | Oe5 |
| 8623 | P. Aust. | — | 18920 | .. | 30884 | 34.8 | −31 10 | 5.98 | .. | .. | .. | .. | .. | .. | 03 | 02 | .. | .. | .. | .. | 13 | .. | 08 | 16. | K | K2 |
| 8624 | Pegasus | 41 | 5021 | 4006 | .. | 34.9 | +19 10 | 6.14 | 06 | .. | .. | .. | .. | 07 | .. | .. | 14 | .. | 14 | 44b | .. | .. | 04 | 12 | A | a0 |
| 8625 | Cepheus | — | 978 | .. | .. | 35.0 | +74 51 | 6.06 | .. | .. | 09 | .. | .. | 08 | .. | .. | .. | .. | .. | 16c | .. | .. | .. | 52 | K | K5 |
| 8626 | Lacerta | — | 4902 | 4008 | .. | 35.0 | +37 4 | 6.14 | 14 | .. | .. | 06 | .. | 03 | 07 | .. | .. | .. | 24 | 12c | .. | .. | 14 | 38 | K | G5 |
| 8627 | Cepheus | 30 | 2102 | 4009 | .. | 35.1 | +63 4 | 5.21 | 02 | 00 | .. | .. | .. | 00 | 02 | .. | 06 | .. | 24 | 19b | .. | 09 | 06 | 14 | A 2 | a2 |
| 8628 | P. Aust. | ε 18 | 16010 | 4007 | 30889 | 35.1 | −27 34 | 4.22 | 16 | .. | .. | 19 | .. | 02 | .. | .. | 08 | 16 | .. | .. | .. | .. | 03 | 20 | B 8 | B8 |
| 8629 | Aquar. | — | 5728 | .. | 30896 | 35.6 | − 4 4 | 6.40 | .. | .. | 11 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 00 | 31 | A | G0 |
| 8630 | Octans | β | 889 | 7612 | 30879 | 35.8 | −81 54 | 4.34 | .. | .. | .. | .. | 01 | .. | .. | 00 | .. | 22 | .. | .. | 09 | .. | 16 | 4. | F | |
| 8631 | Pegasus | — | 4971 | 4010 | .. | 35.9 | +14 1 | 5.81 | 00 | .. | .. | .. | .. | 00 | .. | .. | .. | .. | 14 | 08c | .. | .. | 09 | 27 | F | G5 |
| 8632 | Lacerta | 11 | 4266 | 4011 | .. | 36.1 | +43 46 | 4.64 | 06 | .. | .. | .. | .. | 06 | 13 | .. | 06 | .. | 16 | 06d | .. | .. | 04 | 116 | K | Ko |
| 8633 | Lacerta | — | 2950 | 4012 | .. | 36.2 | +53 20 | 6.10 | 06 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | .. | 04c | .. | .. | 10 | 03 | K | Ko |
| 8634 | Pegasus | ζ 42 | 4797 | 4013 | .. | 36.5 | +10 19 | 3.61 | 02 | .. | 36 | 06 | .. | 27 | .. | .. | 14 | .. | 32 | 13b | .. | .. | 21 | 18 | B 8 | B8 |
| 8635 | Grus | — | 14307 | .. | 30909 | 36.7 | −47 43 | 6.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 09 | .. | .. | 5. | F | G0 |
| 8636 | Grus | β | 14308 | 7615 | 30913 | 36.7 | −47 24 | 2.24 | .. | .. | .. | .. | 15 | 10 | 26 | 01 | .. | 16 | .. | .. | 06 | .. | 08 | 30. | Mb | mb |
| 8637 | P. Aust. | 19 | 19267 | 7616 | 30917 | 36.8 | −29 53 | 6.44 | .. | .. | .. | 20 | 20 | .. | .. | .. | 11 | R | .. | .. | 24 | .. | .. | 10. | Ma | ma |
| 8638 | Pegasus | — | 4771 | .. | .. | 36.9 | +30 26 | 6.48 | .. | .. | 03 | .. | .. | .. | 04 | .. | .. | .. | .. | 02e | .. | .. | .. | .. | K | K5 |
| 8639 | Grus | — | 15017 | 7617 | 30916 | 36.9 | −44 46 | 6.29 | .. | .. | .. | .. | 03 | .. | .. | 03 | .. | .. | .. | .. | .. | .. | .. | 7. | F | Ko |
| 8640 | Lacerta | 12 | 4912 | 4014 | .. | 37.0 | +39 43 | 5.18 | 04 | .. | .. | .. | .. | 05 | .. | .. | 22 | .. | 10 | 36b | .. | .. | 08 | 02 | B 2 | B2 |
| 8641 | Pegasus | o 43 | 4436 | 4015 | .. | 37.0 | +28 48 | 4.85 | 08 | .. | .. | .. | .. | 02 | 06 | .. | 07 | .. | 30 | 17a | .. | 16 | 25 | 02 | A | A0 |
| 8642 | Pegasus | — | 4974 | 4016 | .. | 37.0 | +14 0 | 6.14 | 01 | .. | .. | 10 | .. | 10 | .. | .. | .. | .. | 12 | 08d | .. | .. | 04 | 14 | K | Ko |
| 8643 | Lacerta | — | 4885 | .. | .. | 37.2 | +41 3 | 6.07 | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | 02c | .. | .. | .. | .. | G | Ko |
| 8644 | Grus | ρ | 16049 | 7619 | 30930 | 37.7 | −41 56 | 4.89 | .. | .. | .. | .. | 06 | 04 | 05 | 16 | .. | 03 | .. | .. | 06 | .. | 03 | 17. | K | Ko |
| 8645 | Aquar. | — | 6038 | .. | 30941 | 37.8 | − 8 50 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 28 | F | A2 |
| 8646 | Tucana | — | 6676 | .. | 30926 | 37.8 | −61 1 | 6.44 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | F 5 | F5 |
| 8647 | Aquar. | 67 | 5838 | 4017 | 30945 | 38.0 | − 7 29 | 6.30 | 10 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | 15 | .. | .. | .. | 10 | 18 | A | B9 |
| 8648 | Lacerta | — | 2960 | 4019 | .. | 38.2 | +53 23 | 6.26 | 22 | .. | .. | .. | .. | 24 | 02 | .. | .. | .. | .. | 04d | .. | .. | 23 | .. | K | K2 |
| 8649 | Aquar. | g 66 | 6324 | 4018 | 30947 | 38.2 | −19 21 | 4.88 | 07 | .. | 14 | .. | .. | 07 | .. | .. | 02 | .. | .. | .. | .. | .. | 08 | 102 | K | K5 |
| 8650 | Pegasus | η 44 | 4741 | 4020 | .. | 38.3 | +29 42 | 3.10 | 04 | .. | .. | .. | .. | 10 | 07 | .. | 13 | .. | 15 | 12d | .. | .. | 07 | 106 | G | G0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**22h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 8651 | Lacerta | — | 4670 | .. | .. | 38.4 | +37 17 | 6.22 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 50b | .. | .. | .. | 25 | F |
| 8652 | Lacerta | — | 3803 | .. | .. | 38.7 | +46 38 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 12c | .. | .. | .. | 07 | F |
| 8653 | Pegasus | — | 4805 | .. | .. | 38.7 | +10 26 | 6.43 | .. | .. | 01 | .. | .. | .. | 01 | .. | .. | .. | .. | 25b | .. | .. | .. | 17 | F |
| 8654 | Lacerta | — | 4855 | 4021 | .. | 39.5 | +38 57 | 6.12 | 12 | .. | .. | .. | .. | 16 | 03 | .. | .. | .. | .. | 00e | .. | .. | 08 | .. | K |
| 8655 | Grus | η | 10123 | 7627 | 30968 | 39.5 | −54 1 | 4.86 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | 33 | .. | .. | 06 | .. | 09 | 9. | K |
| 8656 | Lacerta | 13 | 4594 | 4022 | .. | 39.6 | +41 18 | 5.24 | 14 | .. | .. | 06 | .. | 06 | 00 | .. | 14 | .. | 10 | 06c | .. | .. | 22 | 87 | K |
| 8657 | Grus | — | 14320 | 7628 | 30974 | 39.8 | −47 4 | 5.42 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | 38 | .. | 12 | 16. | K |
| 8658 | Grus | — | 13955 | .. | 30982 | 40.1 | −49 30 | 6.80 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 45 | .. | .. | 2. | G |
| 8659 | Grus | — | 13788 | 7632 | 30992 | 40.5 | −50 12 | 6.52 | .. | .. | .. | .. | 02 | .. | .. | 01 | .. | .. | .. | .. | .. | .. | .. | 7. | K |
| 8660 | Pegasus | 45 | 5046 | 4023 | .. | 40.6 | +18 51 | 6.45 | 04 | .. | .. | 10 | .. | 05 | .. | .. | 15 | .. | 13 | 14c | .. | .. | 20 | .. | K |
| 8661 | Lacerta | — | 3460 | .. | .. | 40.7 | +51 59 | 6.66 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 16d | .. | .. | .. | .. | K |
| 8662 | Grus | — | 14331 | .. | 30999 | 40.8 | −47 28 | 6.84 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 44 | .. | .. | 3. | A 5 |
| 8663 | Octans | ξ | 1055 | 7637 | 30980 | 41.0 | −80 39 | 5.52 | .. | .. | .. | .. | 05 | .. | .. | 06 | .. | .. | .. | .. | 42 | .. | 30 | 6. | B 8 |
| 8664 | Octans | — | 1554 | .. | 30996 | 41.4 | −77 35 | 6.68 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 63 | .. | .. | 1. | A 5 |
| 8665 | Pegasus | ξ 46 | 4875 | 4024 | .. | 41.6 | +11 40 | 4.31 | 08 | .. | .. | 09 | .. | 00 | .. | .. | 22 | .. | 15 | 08c | .. | .. | 09 | 84 | F 5 |
| 8666 | Lacerta | — | 4300 | 4025 | .. | 41.7 | +44 1 | 5.84 | 10 | .. | .. | 06 | .. | 13 | 10 | .. | .. | .. | .. | 22c | .. | .. | 24 | 36 | A |
| 8667 | Pegasus | λ 47 | 4709 | 4026 | .. | 41.7 | +23 2 | 4.14 | 04 | .. | .. | .. | .. | 02 | 01 | .. | 06 | .. | 09 | 05c | .. | .. | 16 | 120 | K |
| 8668 | P. Aust. | — | 15735 | 7642 | 31024 | 41.7 | −34 41 | 6.37 | .. | .. | .. | .. | 17 | .. | 00 | 17 | .. | .. | .. | .. | .. | .. | .. | 6. | K |
| 8669 | Tucana | — | 6369 | .. | 31022 | 41.8 | −62 13 | 6.34 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | K |
| 8670 | Aquar. | 68 | 6486 | 4027 | 31041 | 42.1 | −20 8 | 5.43 | 08 | .. | 02 | .. | .. | 09 | .. | .. | 07 | .. | .. | .. | .. | .. | 03 | 76 | K |
| 8671 | Grus | — | 15217 | .. | 31035 | 42.1 | −38 45 | 6.70 | .. | .. | .. | .. | .. | .. | 20 | 20 | .. | .. | .. | .. | .. | .. | .. | 7. | K |
| 8672 | Indus | — | 2726 | .. | 31025 | 42.1 | −70 52 | 6.38 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 2. | A 2 |
| 8673 | Aquar. | 69 | 6346 | 4028 | 31047 | 42.4 | −14 35 | 5.70 | 15 | .. | 06 | 29 | .. | 10 | 08 | .. | 15 | .. | .. | .. | .. | .. | 15 | 34 | B 9 |
| 8674 | P. Aust. | — | 16324 | .. | 31046 | 42.5 | −26 26 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 4. | G 5 |
| 8675 | Grus | ε | 13389 | 7645 | 31044 | 42.5 | −51 51 | 3.69 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | 18 | .. | .. | 34 | .. | 07 | 4. | A 2 |
| 8676 | Aquar. | 70 | 5923 | 4029 | 31061 | 43.2 | −11 5 | 6.15 | 15 | .. | .. | .. | .. | 11 | 03 | R | 05 | .. | .. | .. | .. | .. | 10 | 26 | A |
| 8677 | Cepheus | — | 2612 | .. | .. | 43.5 | +57 57 | 6.29 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 33a | .. | .. | .. | 71 | A |
| 8678 | Lacerta | — | 4934 | 4030 | .. | 43.7 | +36 52 | 6.00 | 04 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | 06c | .. | .. | 00 | 57 | K |
| 8679 | Aquar. | τ 71 | 6354 | 4031 | 31082 | 44.3 | −14 7 | 4.21 | 14 | .. | 17 | .. | .. | 14 | .. | 17 | 29 | 12 | .. | .. | .. | .. | 11 | 100 | K 5 |
| 8680 | P. Aust. | — | 16244 | .. | 31083 | 44.4 | −33 20 | 6.35 | .. | .. | .. | .. | .. | .. | 03 | 03 | .. | .. | .. | .. | .. | .. | .. | 0. | A 5 |
| 8681 | Pegasus | — | 5111 | .. | .. | 44.5 | + 9 58 | 6.46 | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | .. | 31b | .. | .. | .. | .. | F |
| 8682 | Lacerta | — | 2993 | 4032 | .. | 44.6 | +53 53 | 6.08 | 05 | .. | .. | .. | .. | 05 | .. | .. | .. | .. | .. | 36b | .. | .. | 15 | 27 | A |
| 8683 | Cepheus | — | 2115 | 4033 | .. | 45.0 | +62 24 | 6.16 | 01 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | .. | 09d | .. | .. | 04 | .. | K |
| 8684 | Pegasus | μ 48 | 4615 | 4034 | .. | 45.2 | +24 4 | 3.67 | 07 | .. | .. | .. | .. | 07 | 01 | .. | 02 | .. | 09 | 19d | .. | .. | 07 | 106 | K |
| 8685 | Grus | — | 14848 | 7660 | 31099 | 45.3 | −39 41 | 5.39 | .. | 07 | .. | .. | 01 | 06 | 13 | 11 | .. | .. | .. | .. | .. | .. | 09 | 18. | K 2 |
| 8686 | Tucana | — | 7610 | .. | 31098 | 45.5 | −60 25 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | K |
| 8687 | Cepheus | — | 1468 | .. | .. | 45.6 | +68 2 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | R | .. | .. | .. | 25 | F |
| 8688 | Cepheus | — | 2820 | 4035 | .. | 45.6 | +55 22 | 5.56 | 17 | .. | 15 | .. | .. | 04 | 00 | .. | .. | .. | .. | 09d | .. | .. | 13 | 74 | K |
| 8689 | Tucana | — | 4826 | 7662 | 31100 | 45.6 | −63 43 | 6.08 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | 33 | 11. | K |
| 8690 | Lacerta | 14 | 4623 | 4036 | .. | 45.8 | +41 26 | 5.84 | 02 | .. | .. | .. | .. | 03 | 01 | .. | 14 | .. | 04 | 46b | .. | .. | 32 | 10 | A |
| 8691 | Pegasus | — | 5059 | .. | .. | 45.8 | +18 36 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 24d | .. | .. | .. | .. | K |
| 8692 | Lacerta | — | 3954 | .. | .. | 45.9 | +50 9 | 6.43 | .. | .. | 01 | .. | .. | .. | 01 | .. | .. | .. | .. | 01c | .. | .. | .. | .. | K |
| 8693 | P. Aust. | 21 | 19324 | 7663 | 31105 | 45.9 | −30 4 | 6.03 | .. | .. | .. | .. | 14 | .. | 07 | 07 | 27 | .. | .. | .. | 33 | .. | .. | 9. | A 2 |
| 8694 | Cepheus | ι 32 | 1814 | 4037 | .. | 46.1 | +65 40 | 3.68 | 06 | 04 | .. | .. | .. | 04 | 00 | .. | 12 | .. | 07 | 00d | .. | 17 | 18 | 127 | K |
| 8695 | P. Aust. | γ 22 | 16270 | 7668 | 31123 | 47.0 | −33 24 | 4.52 | 23 | 05 | .. | .. | 11 | 01 | 02 | 15 | 18 | 12 | .. | .. | 15 | .. | 28 | 0. | A |
| 8696 | Cepheus | — | 2450 | 4041 | .. | 47.4 | +61 10 | 5.80 | 04 | .. | 06 | .. | .. | 02 | .. | .. | .. | .. | .. | 06c | .. | .. | 05 | 10 | F |
| 8697 | Pegasus | σ 49 | 5122 | 4039 | .. | 47.4 | + 9 18 | 5.30 | 01 | .. | .. | 01 | .. | 03 | .. | .. | 13 | .. | 18 | 04c | .. | .. | 10 | 24 | F |
| 8698 | Aquar. | λ 73 | 5968 | 4040 | 31130 | 47.4 | − 8 7 | 3.84 | 04 | .. | .. | .. | .. | 15 | 03 | 08 | 13 | 08 | 02 | .. | .. | .. | 02 | 157 | Ma |
| 8699 | Lacerta | 15 | 4521 | 4042 | .. | 47.5 | +42 47 | 5.17 | 07 | .. | .. | .. | .. | 03 | 03 | .. | 03 | .. | 11 | 19d | .. | .. | 03 | 115 | K |
| 8700 | Grus | τ¹ | 13988 | .. | 31133 | 47.7 | −49 8 | 6.32 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 1. | G |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



22h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 8701 | Indus | ρ | 2971 | *7671* | 31127 | 47.7 | −70 36 | 6.14 | .. | .. | .. | .. | 13 | .. | .. | *14* | .. | .. | .. | .. | .. | .. | *04* | 5. | G |
| 8702 | Cepheus | — | 703 | 4045 | .. | 47.9 | +82 37 | 4.97 | *15* | .. | 09 | .. | .. | 05 | .. | .. | .. | .. | 10 | *16*d | .. | .. | *07* | 96 | K |
| 8703 | Pegasus | — | 4831 | 4043 | .. | 48.2 | +16 19 | 5.72 | *01* | .. | .. | .. | .. | 02 | .. | .. | .. | .. | 22 | *16*d | .. | .. | *02* | .. | K |
| 8704 | Aquar. | 74 | 6371 | 4044 | 31143 | 48.2 | −12 9 | 5.89 | *07* | .. | .. | .. | .. | *05* | .. | 13 | 11 | .. | .. | .. | .. | .. | *09* | *43* | B 9 |
| 8705 | Lacerta | — | 3962 | .. | .. | 48.5 | +49 53 | 6.44 | .. | .. | 03 | .. | .. | .. | *04* | .. | .. | .. | .. | 34b | .. | .. | .. | *40* | A |
| 8706 | Lacerta | — | 4957 | .. | .. | 48.6 | +39 37 | 6.24 | .. | .. | 08 | .. | .. | .. | *08* | .. | .. | .. | .. | 26a | .. | .. | .. | *20* | A |
| 8707 | Cepheus | — | 2595 | .. | .. | 49.1 | +59 34 | 6.32 | .. | .. | 09 | .. | .. | .. | *10* | .. | .. | .. | .. | *32*e | .. | .. | .. | 24 | K |
| 8708 | Lacerta | — | *4331* | 4046 | .. | 49.2 | +44 13 | 5.62 | 05 | .. | .. | .. | .. | *05* | .. | .. | .. | .. | 13 | 35b | .. | .. | 08 | 28 | A |
| 8709 | Aquar. | δ 76 | 6173 | 4047 | 31163 | 49.3 | −16 21 | 3.51 | *09* | .. | .. | .. | .. | 03 | .. | 07 | 19 | *20* | .. | .. | .. | .. | *11* | 31 | A 2 |
| 8710 | Aquar. | 78 | 5886 | 4048 | 31164 | 49.4 | − 7 44 | 6.33 | *07* | .. | .. | .. | .. | 05 | 02 | .. | 27 | .. | .. | .. | .. | .. | 05 | .. | G 5 |
| 8711 | Aquar. | 77 | *6619* | .. | 31166 | 49.4 | −16 48 | 5.66 | .. | .. | .. | *01* | .. | 06 | .. | *06* | 44 | .. | .. | .. | .. | .. | .. | 28 | K |
| 8712 | Lacerta | — | 4964 | 4049 | .. | 49.5 | +39 51 | 5.94 | 13 | .. | .. | .. | .. | 03 | *15* | .. | .. | .. | 02 | 00d | .. | .. | 08 | .. | G 5 |
| 8713 | Grus | — | *14981* | .. | 31168 | 49.6 | −36 55 | 6.38 | .. | .. | .. | .. | .. | .. | 17 | *18* | .. | .. | .. | .. | .. | .. | .. | 8. | K |
| 8714 | Pegasus | — | 4833 | .. | .. | 49.7 | +16 24 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 08d | .. | .. | .. | .. | Mb |
| 8715 | Pisces | 1 | 4939 | .. | .. | 49.9 | + 0 32 | 6.05 | .. | .. | 08 | *07* | .. | 00 | .. | .. | *10* | .. | .. | 37b | .. | .. | .. | *14* | A |
| 8716 | Aquar. | — | 5885 | 4050 | 31173 | 50.0 | − 5 31 | 5.87 | *10* | .. | 05 | 24 | .. | *07* | *03* | *09* | .. | .. | 18 | .. | .. | .. | 03 | *04* | K |
| 8717 | Pegasus | ρ 50 | 4961 | 4051 | .. | 50.2 | + 8 17 | 4.95 | 00 | .. | .. | 07 | .. | *07* | .. | .. | 02 | .. | 07 | 13b | .. | .. | 05 | *12* | A |
| 8718 | Lacerta | — | 4956 | 4053 | .. | 50.4 | +36 33 | 6.00 | 00 | .. | .. | .. | .. | *02* | 02 | .. | .. | .. | *14* | 12b | .. | .. | *03* | 07 | F |
| 8719 | P. Aust. | — | 17312 | .. | 31180 | 50.4 | −32 10 | 6.13 | .. | .. | .. | .. | .. | .. | 15 | *15* | .. | .. | .. | .. | .. | .. | .. | 9. | K |
| 8720 | P. Aust. | δ 23 | 16303 | *7680* | 31184 | 50.4 | −33 4 | 4.33 | 10 | 07 | .. | .. | *25* | *05* | 07 | 05 | 72 | 36 | .. | .. | *10* | .. | *18* | 15. | K |
| 8721 | P. Aust. | — | 17321 | .. | 31192 | 50.8 | −32 6 | 6.46 | .. | .. | .. | .. | .. | .. | 19 | *20* | .. | .. | .. | .. | .. | .. | .. | 5. | K |
| 8722 | Grus | $\tau^3$ | 14364 | *7681* | 31196 | 51.0 | −48 30 | 5.90 | .. | .. | .. | .. | 07 | .. | .. | *08* | .. | .. | .. | .. | .. | .. | 10 | 0. | A 5 |
| 8723 | Lacerta | — | 4917 | 4054 | .. | 51.1 | +35 50 | 5.63 | *03* | .. | .. | .. | .. | *01* | 04 | .. | .. | .. | 43 | 35a | .. | 20 | 10 | 23 | A |
| 8724 | Pegasus | — | 4904 | .. | .. | 51.8 | +11 19 | 6.46 | .. | .. | .. | .. | .. | 04 | *03* | .. | .. | .. | .. | 38b | .. | .. | .. | *19* | A |
| 8725 | Lacerta | 16 | *4949* | 4055 | .. | 51.9 | +41 4 | 5.54 | 06 | .. | *12* | .. | .. | 07 | 13 | .. | *04* | .. | 30 | 22b | .. | .. | .. | *24* | B 3 |
| 8726 | Lacerta | — | *3887* | 4058 | .. | 52.1 | +49 12 | 5.10 | 07 | .. | .. | .. | .. | 10 | *16* | .. | .. | .. | 12 | *10*e | .. | .. | *10* | 138 | K |
| 8727 | Aquar. | — | 5894 | 4056 | 31215 | 52.1 | − 5 21 | 6.37 | 13 | .. | *07* | .. | .. | *06* | .. | .. | .. | .. | .. | .. | .. | .. | 13 | .. | G 5 |
| 8728 | P. Aust. | α 24 | 19370 | *7684* | 31213 | 52.1 | −30 9 | 1.29 | *03* | *11* | .. | .. | *02* | 02 | *01* | 13 | R | 05 | .. | .. | 11 | .. | *37* | 9. | A 3 |
| 8729 | Pegasus | 51 | *5036* | 4059 | .. | 52.5 | +20 14 | 5.59 | *04* | .. | 01 | .. | .. | 02 | .. | .. | 11 | .. | *03* | *11*b | .. | .. | 16 | 62 | K |
| 8730 | Pisces | — | 4799 | .. | .. | 52.5 | + 3 15 | 6.43 | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | *01*d | .. | .. | .. | .. | K |
| 8731 | Lacerta | — | *3985* | 4060 | .. | 52.7 | +48 9 | 5.20 | *06* | .. | .. | .. | .. | 03 | 03 | .. | .. | .. | 10 | 12a | .. | .. | 10 | *15* | B 3 |
| 8732 | P. Aust. | — | 15650 | .. | 31231 | 53.0 | −36 3 | 6.28 | .. | .. | .. | .. | .. | .. | 02 | *02* | .. | .. | .. | .. | *23* | .. | .. | 5. | K |
| 8733 | Lacerta | — | 4904 | 4061 | .. | 53.1 | +38 48 | 6.07 | 00 | .. | .. | .. | .. | 00 | .. | .. | .. | .. | 04 | 37a | .. | .. | 13 | *29* | A |
| 8734 | Pisces | — | *5539* | .. | 31236 | 53.1 | − 2 56 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *16* | K |
| 8735 | Pisces | — | *5858* | .. | 31238 | 53.3 | − 1 57 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | *35* | A |
| 8736 | Cepheus | — | 517 | .. | .. | 53.5 | +84 50 | 6.18 | .. | .. | 00 | .. | .. | 01 | .. | .. | .. | .. | .. | *15*c | .. | .. | .. | 59 | G |
| 8737 | Pegasus | — | 4973 | .. | .. | 53.5 | + 8 50 | 6.50 | .. | .. | .. | .. | .. | 04 | *03* | .. | .. | .. | .. | 09b | .. | .. | .. | .. | F 5 |
| 8738 | Pegasus | — | 5092 | .. | .. | 53.7 | + 6 48 | 6.28 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32b | .. | .. | .. | *33* | A |
| 8739 | Pegasus | 52 | *4859* | 4062 | .. | 54.2 | +11 12 | 5.79 | 07 | .. | 09 | .. | .. | *05* | *11* | .. | *19* | .. | 43 | 27b | .. | 06 | 11 | 18 | A |
| 8740 | P. Aust. | — | 19383 | *7691* | 31247 | 54.2 | −30 0 | 5.54 | .. | *07* | .. | .. | 04 | 03 | *10* | 10 | .. | .. | .. | .. | .. | .. | 06 | 7. | A 5 |
| 8741 | Aquar. | — | 6318 | .. | 31254 | 54.3 | −13 36 | 6.27 | .. | .. | .. | .. | .. | ● | A | .. | .. | .. | .. | .. | .. | .. | .. | 20 | K |
| 8742 | Pisces | 2 | 4950 | 4063 | .. | 54.4 | + 0 26 | 5.59 | 03 | .. | .. | *01* | .. | *02* | .. | .. | *04* | .. | 01 | *07*d | .. | .. | 01 | 52 | K |
| 8743 | *P. Aust.* | — | 16220 | 4064 | 31257 | 54.7 | −25 42 | 5.85 | 03 | .. | .. | 09 | .. | *10* | .. | *03* | .. | .. | .. | .. | .. | .. | *05* | 9. | K |
| 8744 | Lacerta | — | *3514* | 4065 | .. | 54.8 | +52 6 | 6.41 | *04* | .. | .. | .. | .. | *01* | 04 | .. | .. | .. | .. | *02*d | .. | .. | *06* | 25 | A |
| 8745 | Cassiop. | — | 2615 | .. | .. | 55.0 | +59 16 | 6.38 | .. | .. | *07* | .. | .. | .. | 08 | .. | .. | .. | .. | 22a | .. | .. | .. | *27* | A |
| 8746 | P. Aust. | — | 16419 | .. | 31267 | 55.0 | −26 10 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 8. | G 8 |
| 8747 | Grus | ζ | 10382 | *7693* | 31263 | 55.0 | −53 17 | 4.18 | .. | .. | .. | .. | *05* | .. | .. | 04 | .. | *07* | .. | .. | *08* | .. | *03* | 13. | G 5 |
| 8748 | Cepheus | — | 640 | 4071 | .. | 55.2 | +83 49 | 4.96 | 00 | .. | *10* | .. | .. | 10 | .. | .. | .. | .. | 20 | *20*d | .. | .. | 04 | 96 | K |
| 8749 | Grus | — | 13446 | *7695* | 31273 | 55.3 | −51 29 | 5.63 | .. | .. | .. | .. | *05* | .. | .. | 05 | .. | .. | .. | .. | 07 | .. | *13* | 12. | K |
| 8750 | Pisces | 3 | 4443 | 4066 | 31284 | 55.5 | − 0 21 | 6.40 | 11 | .. | 08 | .. | .. | *20* | .. | .. | *10* | .. | 08 | .. | .. | .. | 00 | .. | K |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....



**22h — 23h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8751 | Pisces | — | 4594 | .. | .. | 55.7 | + 2 29 | 5.96 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 08d | .. | .. | .. | .. | K | K0 |
| 8752 | Cassiop. | — | 2923 | 4070 | .. | 55.9 | +56 24 | 5.48 | 15 | .. | .. | .. | .. | 11 | 04 | .. | .. | .. | 23 | 14d | .. | .. | 12 | 66 | G | G0 p |
| 8753 | Pegasus | — | 4859 | 4069 | .. | 55.9 | +30 33 | 6.50 | 03 | .. | .. | .. | .. | 07 | 04 | .. | .. | .. | .. | 28b | .. | .. | 03 | 07 | A | A0 |
| 8754 | *P. Aust.* | — | 18537 | 4067 | 31288 | 55.9 | −29 23 | 5.72 | 13 | .. | .. | 08 | .. | 00 | .. | 04 | .. | .. | .. | .. | .. | .. | 06 | 7. | K | K0 |
| 8755 | Andr. | — | 4302 | .. | .. | 56.0 | +44 50 | 6.44 | .. | .. | 08 | .. | .. | .. | 08 | .. | .. | .. | .. | 22b | .. | .. | .. | 15 | A | A2 |
| 8756 | Aquar. | — | 17706 | 4068 | 31290 | 56.0 | −23 20 | 6.32 | 21 | .. | .. | 15 | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 17 | 43 | A | A2 |
| 8757 | Aquar. | 81 | 5910 | .. | 31293 | 56.2 | − 7 36 | 6.40 | .. | .. | .. | A | .. | .. | .. | .. | 05 | .. | .. | .. | .. | .. | .. | .. | K | K2 |
| 8758 | Andr. | — | 4744 | .. | .. | 56.3 | +38 10 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 49a | .. | .. | .. | 26 | A | B3 |
| 8759 | Aquar. | — | 5910 | .. | 31294 | 56.4 | − 5 15 | 6.17 | .. | .. | 03 | 02 | .. | 11 | .. | 09 | .. | .. | .. | .. | .. | .. | 09 | 21 | G | K0 |
| 8760 | Grus | — | 15047 | .. | 31304 | 57.0 | −36 57 | 6.50 | .. | .. | .. | .. | .. | .. | 00 | 01 | .. | .. | .. | .. | .. | .. | .. | 5. | K | K0 |
| 8761 | Cassiop. | — | 2927 | 4072 | .. | 57.3 | +56 34 | 6.50 | 04 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 27 | 08d | .. | .. | 00 | 23 | K | K2 B3 — Corr |
| 8762 | Andr. | o 1 | 4664 | 4073 | .. | 57.3 | +41 47 | 3.63 | 14 | .. | .. | .. | .. | 14 | .. | .. | 07 | .. | 11 | 37a | .. | .. | 37 | 29 | B 3 | A2p |
| 8763 | Aquar. | 82 | 5913 | .. | 31315 | 57.4 | − 7 7 | 6.46 | .. | .. | 07 | .. | .. | .. | 06 | .. | 04 | .. | .. | .. | .. | .. | 04 | .. | Ma | Ma |
| 8764 | Aquar. | — | 6354 | .. | 31317 | 57.4 | −21 24 | 6.19 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 6. | K | G5 |
| 8765 | Pegasus | — | 4829 | .. | .. | 57.8 | +31 14 | 6.46 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 34a | .. | .. | .. | .. | F | F0 |
| 8766 | Andr. | 2 | 4665 | 4076 | .. | 58.0 | +42 13 | 5.08 | 02 | .. | .. | .. | .. | 01 | .. | .. | 32 | .. | 11 | 22b | .. | .. | 12 | 22 | A 2 | A2 |
| 8767 | P. Aust. | π | 15630 | 7702 | 31327 | 58.0 | −35 17 | 5.13 | .. | 02 | .. | .. | 08 | 05 | 04 | 10 | .. | 14 | .. | .. | 03 | 01 | 08 | 6. | K | F0 |
| 8768 | Andr. | — | 4378 | .. | .. | 58.2 | +43 31 | 6.32 | .. | .. | .. | .. | .. | 01 | 01 | .. | .. | .. | .. | 26b | .. | .. | .. | 19 | A | B3 |
| 8769 | Indus | — | 3301 | 7703 | 31328 | 58.3 | −69 22 | 5.64 | .. | .. | .. | .. | 10 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | 09 | 2. | F 2 | F0 |
| 8770 | Cassiop. | — | 2900 | .. | .. | 58.4 | +54 42 | 6.47 | .. | .. | 14 | .. | .. | .. | 14 | .. | .. | .. | .. | 38a | .. | .. | .. | 50 | A | B9 |
| 8771 | Grus | — | 16177 | 7704 | 31337 | 58.4 | −42 1 | 5.76 | .. | .. | .. | .. | 04 | 01 | 04 | 01 | .. | .. | .. | .. | .. | .. | 09 | 10. | K | K0 |
| 8772 | Aquar. | — | 5917 | .. | 31346 | 58.7 | − 5 20 | 6.65 | .. | .. | .. | .. | .. | 20 | 20 | .. | .. | .. | .. | .. | .. | .. | 35 | .. | F 8 | G0 |
| 8773 | Pisces | β 4 | 4818 | 4077 | .. | 58.8 | + 3 17 | 4.58 | 01 | .. | .. | 25 | .. | 24 | .. | .. | 32 | .. | 17 | 08b | .. | 15 | 07 | 03 | B 5 | B5 |
| 8774 | Grus | κ | 10197 | 7705 | 31340 | 58.8 | −54 30 | 5.26 | .. | .. | .. | .. | 09 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | 09 | 16. | K | K5 |
| 8775 | Pegasus | β 53 | 4480 | 4078 | .. | 58.9 | +27 32 | 2.61 | 05 | .. | .. | .. | .. | 15 | 09 | .. | 03 | 08 | 11 | .. | .. | .. | 06 | 219 | Mb | Ma |
| 8776 | Pegasus | — | 5123 | .. | .. | 59.0 | + 6 4 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 32b | .. | .. | .. | .. | F | F2 |
| 8777 | Cassiop. | — | 2631 | .. | .. | 59.2 | +59 54 | 6.57 | .. | .. | 09 | .. | .. | .. | 09 | .. | .. | .. | .. | 38b | .. | .. | .. | 53 | A | B5 |
| 8778 | Cassiop. | — | 2676 | .. | .. | 59.2 | +58 1 | 6.50 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 06c | .. | .. | .. | 26 | K | B5 |
| 8779 | Cepheus | — | 1575 | 4082 | .. | 59.7 | +66 40 | 5.50 | 08 | .. | .. | .. | .. | 08 | R | .. | .. | .. | 15 | 12d | .. | .. | 10 | 76 | K | K0 |
| 8780 | Andr. | 3 | 4028 | 4079 | .. | 59.7 | +49 30 | 4.91 | 04 | .. | .. | .. | .. | 17 | 12 | .. | 19 | .. | 02 | 11d | .. | .. | 21 | 74 | K | K0 |
| 8781 | Pegasus | α 54 | 4926 | 4080 | .. | 59.8 | +14 40 | 2.57 | 04 | .. | .. | 08 | .. | 04 | .. | .. | 01 | 14 | 24 | 63b | .. | .. | 01 | R | A | A0 |
| 8782 | Aquar. | h 83 | 6018 | 4081 | 31367 | 59.9 | − 8 14 | 5.56 | 11 | .. | .. | .. | .. | 06 | 17 | 24 | 36 | .. | 05 | .. | .. | .. | 14 | 05 | A | F0 |
| 8783 | Aquar. | — | 6661 | .. | 31365 | 59.9 | −17 37 | 6.34 | .. | .. | .. | 07 | .. | 02 | 04 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 8784 | Pegasus | — | 4760 | .. | .. | 0.2 | +16 2 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 27b | .. | .. | .. | .. | G | K0 |
| 8785 | Pisces | — | 4963 | .. | .. | 0.2 | + 0 46 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30d | .. | .. | .. | .. | K | K0 |
| 8786 | Octans | — | 1064 | 7712 | 31360 | 0.2 | −80 1 | 6.20 | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | 05 | .. | .. | 0. | K | A2 |
| 8787 | Grus | θ | 15149 | 7715 | 31380 | 1.2 | −44 4 | 4.35 | .. | .. | .. | .. | 05 | 12 | 00 | 07 | .. | 20 | .. | .. | 15 | .. | 13 | 12. | F 5 | F5 |
| 8788 | Pegasus | — | 4866 | .. | .. | 1.3 | +17 59 | 6.14 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 24b | .. | .. | .. | .. | F | F2 |
| 8789 | Aquar. | c¹ 86 | 17497 | 4083 | 31385 | 1.3 | −24 17 | 4.77 | 05 | .. | .. | 15 | .. | 23 | .. | 03 | 24 | 06 | .. | .. | .. | .. | 07 | 45 | G 5 | G5 |
| 8790 | Grus | υ | 14936 | 7716 | 31383 | 1.3 | −39 26 | 5.59 | .. | 02 | .. | .. | 01 | 00 | 09 | 12 | .. | .. | .. | .. | .. | .. | 04 | 6. | A | A0 |
| 8791 | Grus | — | 13885 | 7717 | 31384 | 1.4 | −50 9 | 6.32 | .. | .. | .. | .. | 10 | .. | .. | 09 | .. | .. | .. | .. | .. | .. | .. | 9. | K | K0 |
| 8792 | Pegasus | — | 5058 | .. | .. | 1.5 | +19 22 | 6.42 | .. | .. | 08 | .. | .. | 07 | .. | .. | .. | .. | .. | 26b | .. | .. | .. | .. | K 5 | F8 |
| 8793 | Grus | — | 13471 | 7718 | 31388 | 1.5 | −51 14 | 6.12 | .. | .. | .. | .. | 06 | .. | .. | 05 | .. | .. | .. | .. | .. | .. | 47 | 3. | F 5 | F5 |
| 8794 | Indus | — | 2054 | 7720 | 31381 | 1.6 | −74 8 | 6.09 | .. | .. | .. | .. | 00 | .. | .. | 00 | .. | .. | .. | .. | .. | .. | 04 | 14. | K | K0 |
| 8795 | Pegasus | 55 | 4997 | 4084 | .. | 2.0 | + 8 52 | 4.69 | 04 | .. | .. | .. | .. | 04 | .. | .. | 11 | .. | 03 | 07e | .. | .. | 09 | 137 | K | Ma |
| 8796 | Pegasus | 56 | 4716 | 4085 | .. | 2.2 | +24 56 | 4.98 | 09 | .. | .. | .. | .. | 02 | 08 | .. | 10 | .. | 29 | 03d | .. | .. | 20 | .. | K | K0 |
| 8797 | Cassiop. | 1 | 2545 | 4086 | .. | 2.4 | +58 53 | 4.93 | 06 | .. | .. | .. | .. | 07 | 14 | .. | 07 | .. | 29 | 04a | .. | .. | 07 | 03 | B | B1 |
| 8798 | Pegasus | — | 4587 | .. | .. | 2.6 | +32 18 | 5.97 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | R | .. | .. | .. | 00 | A | A2 |
| 8799 | Pegasus | — | 5278 | 4087 | .. | 2.6 | +20 37 | 5.93 | 05 | .. | 02 | .. | .. | 05 | 01 | .. | .. | .. | 12 | 31b | .. | 16 | 07 | 06 | A | A5 |
| 8800 | Andr. | — | 4147 | .. | .. | 2.7 | +45 33 | 6.56 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | 35b | .. | .. | .. | 24 | A | B5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

23h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 8801 | Andr. | – | 3371 | 4088 | .. | 2.8 | +52 17 | 6.26 | 06 | .. | .. | .. | .. | 07 | .. | .. | .. | .. | .. | 02b | .. | .. | 04 | 10 | K |
| 8802 | *Sculptor* | – | 18588 | 4089 | 31414 | 2.9 | −29 22 | 5.85 | 04 | .. | .. | 03 | .. | 00 | .. | .. | .. | .. | .. | .. | .. | .. | 24 | 10. | G 5 |
| 8803 | Cassiop. | – | 2546 | .. | .. | 3.0 | +59 13 | 6.28 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 36b | .. | .. | .. | 35 | B 2 |
| 8804 | Andr. | 4 | 4149 | 4090 | .. | 3.1 | +45 51 | 5.56 | 11 | .. | .. | .. | .. | 13 | 03 | .. | 14 | .. | 14 | 23d | .. | .. | 01 | 84 | K |
| 8805 | Andr. | 5 | 3944 | 4091 | .. | 3.2 | +48 45 | 5.83 | 10 | .. | .. | .. | .. | 10 | .. | .. | 23 | .. | .. | 01c | .. | .. | 22 | 22 | F |
| 8806 | Andr. | – | 4399 | .. | .. | 3.6 | +44 1 | 6.36 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 36b | .. | .. | .. | 00 | A |
| 8807 | Pisces | A 5 | 4686 | 4092 | .. | 3.6 | + 1 35 | 5.56 | 04 | .. | .. | 07 | .. | 11 | .. | .. | 09 | .. | 11 | 05c | .. | .. | 06 | 36 | K |
| 8808 | Cepheus | – | 2171 | .. | .. | 3.7 | +63 6 | 6.19 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 35b | .. | .. | .. | 31 | A |
| 8809 | Indus | – | 3949 | .. | 31425 | 3.8 | −67 24 | 6.48 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 10. | G |
| 8810 | Octans | – | 1024 | 7726 | 31417 | 3.8 | −81 27 | 6.48 | .. | .. | .. | .. | 01 | .. | .. | 01 | .. | .. | .. | .. | 18 | .. | .. | 12. | K |
| 8811 | Cepheus | – | 1931 | .. | .. | 3.9 | +63 41 | 6.41 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 07d | .. | .. | .. | 06 | F |
| 8812 | Aquar. | $c^2$ 88 | 6368 | 4093 | 31431 | 4.1 | −21 43 | 3.80 | 25 | .. | .. | 23 | .. | 01 | .. | .. | 10 | 09 | .. | .. | .. | .. | 25 | 112 | K |
| 8813 | *Sculptor* | – | 18099 | 4094 | 31436 | 4.3 | −28 38 | 6.06 | 02 | .. | .. | 04 | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | 08 | 9. | K |
| 8814 | Grus | – | 15281 | 7730 | 31437 | 4.4 | −43 24 | 5.78 | .. | .. | .. | .. | 11 | 10 | 16 | 16 | .. | .. | .. | .. | .. | .. | 07 | 7. | F 8 |
| 8815 | Pegasus | 57 | 4981 | 4095 | .. | 4.5 | + 8 8 | 5.41 | 04 | .. | .. | 06 | .. | 02 | .. | .. | 09 | .. | 08 | 44d | .. | .. | 06 | 09 | Mb |
| 8816 | Aquar. | – | 6360 | .. | 31444 | 4.5 | −15 3 | 6.23 | .. | .. | 13 | .. | .. | 02 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | 28 | A |
| 8817 | Aquar. | $c^3$ 89 | 17771 | 4096 | 31442 | 4.5 | −23 0 | 4.94 | 05 | .. | .. | 18 | .. | 14 | .. | .. | 09 | 16 | .. | .. | .. | .. | 06 | 43 | G p |
| 8818 | Grus | – | 15163 | 7731 | 31441 | 4.6 | −41 8 | 6.04 | .. | .. | .. | .. | 02 | 02 | 03 | 02 | .. | .. | .. | .. | .. | .. | 06 | 12. | Mb |
| 8819 | Cepheus | $\pi$ 33 | 1006 | 4098 | .. | 4.7 | +74 51 | 4.56 | 08 | 01 | .. | .. | .. | 07 | 04 | .. | 04 | .. | 11 | 02d | .. | 08 | 19 | 92 | G 5 |
| 8820 | Grus | $\iota$ | 14947 | 7734 | 31445 | 4.7 | −45 47 | 4.10 | .. | .. | .. | .. | 04 | 03 | 10 | 04 | .. | 47 | .. | .. | 05 | .. | 15 | 15. | K |
| 8821 | Pegasus | 58 | 5170 | 4097 | .. | 5.0 | + 9 17 | 5.34 | 02 | .. | .. | 05 | .. | 08 | .. | .. | 09 | .. | 13 | 07b | .. | .. | 04 | 00 | B 9 |
| 8822 | Cassiop. | 2 | 2552 | 4099 | .. | 5.4 | +58 47 | 5.63 | 24 | .. | .. | .. | .. | 15 | 09 | .. | 23 | .. | 06 | 19b | .. | 12 | 18 | 07 | A 2 |
| 8823 | Sculptor | – | 19460 | 7737 | 31458 | 5.4 | −30 4 | 6.49 | .. | .. | .. | .. | 03 | .. | 08 | 05 | .. | .. | .. | .. | .. | .. | .. | 4. | A 8 |
| 8824 | Pegasus | – | 4882 | 4100 | .. | 5.7 | +17 3 | 5.94 | 17 | .. | .. | .. | .. | 16 | .. | .. | .. | .. | 09 | 08d | .. | .. | 06 | .. | K |
| 8825 | Andr. | 6 | 4592 | 4101 | .. | 5.8 | +43 0 | 5.85 | 02 | .. | .. | .. | .. | 02 | .. | .. | 15 | .. | .. | 29b | .. | .. | 20 | 34 | A |
| 8826 | Pegasus | 59 | 4991 | 4102 | .. | 6.7 | + 8 11 | 5.15 | 03 | .. | .. | 10 | .. | 07 | .. | .. | 05 | .. | 16 | 24b | .. | .. | 05 | 17 | A 3 |
| 8827 | Pegasus | 60 | 4580 | 4103 | .. | 6.9 | +26 18 | 6.40 | 09 | .. | .. | .. | .. | 04 | 05 | .. | 15 | .. | 12 | 00b | .. | .. | 10 | .. | K |
| 8828 | Grus | – | 13915 | 7742 | 31490 | 7.5 | −50 10 | 6.61 | .. | .. | .. | .. | 23 | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. | 7. | G 5 |
| 8829 | Tucana | – | 4862 | .. | 31496 | 7.9 | −63 14 | 6.24 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | G |
| 8830 | Andr. | 7 | 3964 | 4104 | .. | 8.0 | +48 51 | 4.62 | 08 | .. | .. | .. | .. | 09 | 00 | .. | 02 | .. | 30 | 04b | .. | 08 | 08 | 18 | F |
| 8831 | Pegasus | – | 4548 | .. | .. | 8.3 | +28 54 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 22b | .. | .. | .. | .. | K |
| 8832 | Cassiop. | – | 2966 | 4105 | .. | 8.5 | +56 37 | 5.65 | 19 | .. | .. | .. | .. | 08 | 11 | .. | .. | .. | 11 | 00d | .. | .. | 15 | 44 | K |
| 8833 | Pegasus | – | 4902 | .. | .. | 8.5 | +10 31 | 5.94 | .. | .. | 01 | .. | .. | 00 | .. | .. | .. | .. | .. | 11c | .. | .. | .. | 57 | K |
| 8834 | Aquar. | $\varphi$ 90 | 6170 | 4106 | 31521 | 9.1 | − 6 35 | 4.40 | 16 | .. | .. | .. | .. | 16 | .. | .. | 00 | .. | 08 | .. | .. | .. | 05 | 137 | K 5 |
| 8835 | Grus | – | 15197 | 7748 | 31523 | 9.4 | −41 39 | 5.76 | .. | .. | .. | .. | 03 | 00 | 04 | 01 | .. | .. | .. | .. | .. | .. | 04 | 14. | K |
| 8836 | Aquar. | – | 6032 | .. | 31528 | 9.5 | −11 14 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 55 | .. | K |
| 8837 | Andr. | – | 4071 | .. | .. | 9.6 | +50 5 | 6.25 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30a | .. | .. | .. | 16 | A |
| 8838 | Pegasus | – | 4555 | .. | .. | 9.6 | +29 13 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 30b | .. | .. | .. | .. | A |
| 8839 | Pegasus | – | 4704 | 4107 | .. | 9.7 | +23 34 | 6.49 | 06 | .. | .. | 10 | .. | 04 | 01 | .. | .. | .. | 28 | 11c | .. | .. | 07 | .. | K |
| 8840 | Aquar. | – | 5852 | 4108 | 31540 | 10.4 | − 4 3 | 5.55 | 03 | .. | 01 | 02 | .. | 05 | 09 | .. | .. | .. | 04 | .. | .. | 16 | 00 | 16 | A 2 |
| 8841 | Aquar. | $\psi^1$ 91 | 6156 | 4109 | 31545 | 10.7 | − 9 38 | 4.46 | 02 | .. | 17 | 10 | .. | 08 | .. | 18 | 06 | .. | .. | .. | .. | .. | 09 | 94 | K |
| 8842 | Pegasus | 61 | 4521 | 4110 | .. | 10.9 | +27 42 | 6.50 | 16 | .. | .. | .. | .. | 03 | 12 | .. | 20 | .. | .. | 20b | .. | .. | 20 | .. | K |
| 8843 | Tucana | – | 6412 | 7754 | 31547 | 10.9 | −62 33 | 5.69 | .. | .. | .. | .. | 04 | .. | .. | 04 | .. | .. | .. | .. | .. | .. | 11 | 7. | F |
| 8844 | Cepheus | – | 1023 | 4112 | .. | 11.0 | +73 41 | 5.74 | 18 | .. | .. | .. | .. | 18 | .. | .. | .. | .. | 01 | 42b | .. | .. | 06 | 05 | A |
| 8845 | Pegasus | – | 4712 | 4111 | .. | 11.0 | +24 15 | 6.52 | 07 | .. | .. | .. | .. | 01 | 06 | .. | .. | .. | 13 | 30b | .. | .. | 07 | .. | F |
| 8846 | Grus | – | 14982 | 7755 | 31549 | 11.1 | −45 2 | 5.87 | .. | .. | .. | .. | 03 | 05 | R | 08 | .. | .. | .. | .. | .. | .. | 07 | 11. | K |
| 8847 | Grus | – | 15205 | .. | 31558 | 11.3 | −41 45 | 6.47 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 8. | K |
| 8848 | Tucana | $\gamma$ | 8062 | 7758 | 31563 | 11.6 | −58 47 | 4.10 | .. | .. | .. | .. | 12 | .. | .. | 11 | .. | 16 | .. | .. | .. | .. | 00 | 4. | F 2 |
| 8849 | Octans | – | 1065 | 7759 | 31548 | 11.6 | −80 1 | 6.29 | .. | .. | .. | .. | 09 | .. | .. | 09 | .. | .. | .. | .. | 16 | .. | .. | 7. | K |
| 8850 | Aquar. | $\chi$ 92 | 6076 | 4113 | 31565 | 11.7 | − 8 16 | 5.14 | 01 | .. | .. | .. | .. | 08 | 13 | 21 | 16 | .. | 38 | .. | .. | .. | 06 | 122 | Mb |

1908AnHar..50....1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50



**23h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° | | | | | | | | | | | | | | | | | | | |
| 8851 | Cepheus | — | 1311 | 4115 | .. | 11.8 | +70 20 | 5.62 | 15 | .. | 02 | .. | .. | 14 | 01 | .. | .. | .. | 01 | 17b | .. | 04 | 12 | 06 | A | A3 |
| 8852 | Pisces | γ 6 | 4648 | 4114 | .. | 12.0 | + 2 44 | 3.85 | 03 | .. | .. | .. | .. | 03 | .. | .. | 45 | .. | 22 | 23c | .. | .. | 05 | 118 | K | K0 |
| 8853 | Andr. | — | 3410 | 4116 | .. | 12.1 | +52 40 | 5.65 | 01 | .. | .. | .. | .. | 05 | 06 | .. | .. | .. | 03 | 09c | .. | .. | 05 | 32 | F | F8 |
| 8854 | Cassiop. | — | 2413 | .. | .. | 12.2 | +61 25 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25a | .. | .. | .. | 48 | A | B3 |
| 8855 | Indus | — | 3567 | .. | 31569 | 12.2 | −68 1 | 6.04 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 12. | K | K0 |
| 8856 | Aquar. | — | 6461 | 4117 | 31577 | 12.4 | −12 16 | 6.36 | 07 | .. | .. | .. | .. | 07 | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 63 | A | A0 |
| 8857 | Andr. | — | 4368 | 4118 | .. | 12.5 | +44 37 | 6.55 | 08 | .. | 12 | .. | .. | 08 | 04 | .. | .. | .. | 14 | 03d | .. | .. | 20 | 32 | A | K2 |
| 8858 | Aquar. | ψ² 93 | 6160 | 4119 | 31585 | 12.7 | − 9 44 | 4.56 | 03 | .. | 05 | .. | .. | 12 | .. | 02 | 04 | .. | .. | .. | .. | .. | 06 | 11 | B 5 | B5 |
| 8859 | Grus | φ | 15211 | 7762 | 31580 | 12.7 | −41 22 | 5.55 | .. | .. | .. | .. | 07 | 08 | 03 | 11 | .. | .. | .. | .. | 30 | .. | 10 | 5. | F 2 | F0 |
| 8860 | Andr. | 8 | 3991 | 4120 | .. | 13.1 | +48 28 | 4.99 | 12 | .. | .. | 11 | .. | 01 | .. | .. | 02 | .. | 03 | 03e | .. | .. | 09 | 115 | Ma | Ma |
| 8861 | Andr. | — | 4373 | .. | .. | 13.2 | +44 57 | 6.32 | .. | .. | 05 | .. | .. | .. | 06 | .. | .. | .. | .. | 40a | .. | .. | .. | 21 | A | B9 |
| 8862 | Octans | τ | 204 | 7763 | 31530 | 13.2 | −88 2 | 5.56 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | 11 | .. | 00 | 15. | K | K0 |
| 8863 | *Sculptor* | γ | 16476 | 7764 | 31591 | 13.4 | −33 5 | 4.51 | 08 | 01 | .. | .. | 17 | 17 | 02 | 08 | .. | .. | .. | .. | 09 | .. | 21 | 17. | K | K0 |
| 8864 | Andr. | 9 | 5043 | 4123 | .. | 13.7 | +41 13 | 5.90 | 10 | .. | 02 | .. | .. | 04 | 06 | .. | 30 | .. | 32 | 25b | .. | .. | 30 | 10 | A | A3 |
| 8865 | Aquar. | ψ³ 95 | 6094 | 4124 | 31601 | 13.8 | −10 9 | 5.16 | 08 | .. | 05 | .. | .. | 06 | .. | 02 | 06 | .. | .. | .. | .. | .. | 06 | 17 | A | A0 |
| 8866 | Aquar. | 94 | 6448 | 4125 | 31605 | 13.8 | −14 0 | 5.27 | 07 | .. | 02 | .. | .. | 16 | 11 | 01 | 17 | .. | .. | .. | .. | .. | 07 | 28 | K | G5 |
| 8867 | Cepheus | — | 1016 | .. | .. | 13.9 | +74 46 | 6.44 | .. | .. | 03 | .. | .. | .. | 04 | .. | .. | .. | .. | 10b | .. | .. | .. | 45 | A 2 | A2 |
| 8868 | Aquar. | 96 | 5966 | 4126 | 31614 | 14.2 | − 5 40 | 5.70 | 02 | .. | 04 | .. | .. | 07 | 02 | 02 | 10 | .. | 06 | .. | .. | .. | 10 | 10 | F | F2 |
| 8869 | Aquar. | — | 6283 | .. | 31610 | 14.2 | −18 37 | 6.08 | .. | .. | .. | 07 | .. | 06 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 8870 | Andr. | — | 4378 | .. | .. | 14.3 | +44 36 | 6.47 | .. | .. | 05 | .. | .. | 03 | 09 | .. | .. | .. | .. | 22b | .. | .. | .. | 07 | A | A2 |
| 8871 | Sculptor | — | 15985 | .. | 31615 | 14.4 | −34 15 | 6.42 | .. | .. | .. | .. | .. | .. | 13 | 12 | .. | .. | .. | .. | .. | .. | .. | 8. | K | K0 |
| 8872 | Cepheus | o 34 | 1514 | 4127 | .. | 14.5 | +67 34 | 4.90 | 04 | 02 | .. | .. | .. | 01 | 02 | .. | 00 | .. | 32 | 00c | .. | 08 | 05 | 66 | K | G5 |
| 8873 | Andr. | — | 4899 | .. | .. | 14.6 | +34 15 | 6.14 | .. | .. | 23 | .. | .. | .. | 24 | .. | .. | .. | .. | 35a | .. | .. | .. | 19 | A | B9 |
| 8874 | Andr. | 11 | 4110 | 4128 | .. | 14.8 | +48 4 | 5.42 | 08 | .. | .. | .. | .. | 08 | .. | .. | 17 | .. | 11 | 12d | .. | .. | 12 | 75 | K | K0 |
| 8875 | Andr. | — | 4114 | .. | .. | 15.0 | +47 51 | 6.35 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13d | .. | .. | .. | .. | K | K0 |
| 8876 | Andr. | 10 | 4752 | 4129 | .. | 15.1 | +41 31 | 5.98 | 12 | .. | .. | .. | .. | 11 | .. | .. | 17 | .. | .. | 20d | .. | .. | 08 | .. | K | K2 |
| 8877 | Grus | — | 13948 | 7771 | 31630 | 15.2 | −50 51 | 6.11 | .. | .. | .. | .. | 13 | .. | .. | 13 | .. | .. | .. | .. | .. | .. | 13 | 2. | F 5 | F5 cont |
| 8878 | Pisces | b 7 | 4997 | 4130 | .. | 15.3 | + 4 50 | 5.18 | 11 | .. | .. | .. | .. | 02 | 10 | .. | 01 | .. | 13 | 04d | .. | .. | 02 | 66 | K | K0 |
| 8879 | Aquar. | — | 6191 | .. | 31636 | 15.5 | − 6 27 | 6.30 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K0 |
| 8880 | Pegasus | τ 62 | 4810 | 4132 | .. | 15.7 | +23 12 | 4.65 | 06 | .. | .. | .. | .. | 06 | .. | .. | 09 | .. | 10 | 00b | .. | .. | 05 | 29 | A 5 | A3 |
| 8881 | Cassiop. | — | 2427 | .. | .. | 15.8 | +61 26 | 6.62 | .. | .. | .. | .. | .. | 01 | 00 | .. | .. | .. | .. | 18d | .. | .. | .. | .. | K | A0 |
| 8882 | Pegasus | 63 | 4908 | 4134 | .. | 15.9 | +29 52 | 5.78 | 09 | .. | 13 | .. | .. | 05 | .. | .. | 03 | .. | 04 | 04d | .. | .. | 12 | .. | K | K5 |
| 8883 | *Sculptor* | — | 16284 | 4133 | 31643 | 15.9 | −27 32 | 5.81 | 08 | .. | .. | 02 | .. | 04 | .. | 03 | .. | .. | .. | .. | .. | .. | 09 | 18 | K | K5 |
| 8884 | Andr. | — | 4440 | .. | .. | 16.0 | +43 35 | 6.14 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 38b | .. | .. | .. | 11 | A | B5 |
| 8885 | Andr. | 12 | 4817 | 4131 | .. | 16.1 | +37 38 | 5.75 | 02 | .. | .. | .. | .. | 08 | 06 | .. | 10 | .. | 21 | 18b | .. | .. | 05 | 34 | F | A3 |
| 8886 | Cassiop. | — | 2428 | 4135 | .. | 16.2 | +61 40 | 6.43 | 17 | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | 04d | .. | .. | 08 | .. | A | F5 |
| 8887 | Pegasus | 64 | 4897 | 4136 | .. | 17.0 | +31 16 | 5.37 | 00 | .. | .. | .. | .. | 10 | 09 | .. | 07 | .. | 20 | 18b | .. | .. | 07 | 15 | A | K5 |
| 8888 | Pegasus | — | 4924 | .. | .. | 17.1 | +26 5 | 6.64 | .. | .. | 22 | .. | .. | .. | 23 | .. | .. | .. | .. | 22b | .. | .. | .. | .. | K | B8 |
| 8889 | Tucana | — | 7654 | .. | 31659 | 17.2 | −60 36 | 6.08 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | Ma | F2 |
| 8890 | Aquar. | 97 | 6406 | 4137 | 31667 | 17.4 | −15 35 | 5.30 | 03 | .. | 07 | 12 | .. | 14 | 09 | 08 | 20 | .. | .. | .. | .. | 05 | 20 | 03 | A 3 | Ma |
| 8891 | Pegasus | 65 | 5317 | 4138 | .. | 17.7 | +20 16 | 6.22 | 10 | .. | 03 | .. | .. | 02 | 08 | .. | 22 | .. | 07 | 36b | .. | .. | 04 | 11 | A | A3 |
| 8892 | Aquar. | b¹ 98 | 6587 | 4139 | 31676 | 17.7 | −20 39 | 4.20 | 08 | .. | 28 | .. | .. | 05 | .. | 14 | 05 | 01 | .. | .. | .. | .. | 08 | 91 | K | A0 |
| 8893 | Pegasus | 66 | 4993 | 4140 | .. | 18.0 | +11 46 | 5.28 | 06 | .. | .. | 12 | .. | 06 | .. | .. | 03 | .. | 14 | 02c | .. | .. | 08 | .. | K | K0 |
| 8894 | Cassiop. | — | 2710 | 4141 | .. | 18.1 | +59 35 | 5.93 | 06 | .. | .. | .. | .. | 06 | .. | .. | .. | .. | .. | 39e | .. | .. | 28 | 43 | K | K5 |
| 8895 | Grus | — | 10281 | 7779 | 31687 | 18.2 | −54 22 | 6.08 | .. | .. | .. | .. | 15 | .. | .. | 15 | .. | .. | .. | .. | .. | .. | 26 | 3. | F | A5 |
| 8896 | Grus | — | 15360 | .. | 31688 | 18.3 | −43 41 | 6.06 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 9. | K | K0 |
| 8897 | Pisces | — | 4509 | .. | 31694 | 18.4 | − 0 16 | 6.53 | .. | .. | 10 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | K2 |
| 8898 | Grus | — | 12150 | 7780 | 31697 | 18.6 | −52 27 | 5.70 | .. | .. | .. | .. | 18 | .. | .. | 18 | .. | .. | .. | .. | .. | .. | 08 | 13. | K 5 | K5 |
| 8899 | Pegasus | — | 4901 | .. | .. | 18.8 | +31 58 | 6.53 | .. | .. | .. | .. | .. | 06 | 06 | .. | .. | .. | .. | 28b | .. | .. | .. | .. | F 2 | F0 |
| 8900 | Aquar. | — | 6450 | .. | 31703 | 18.8 | −19 15 | 6.32 | .. | .. | 07 | .. | .. | .. | 08 | .. | .. | .. | .. | .. | .. | .. | .. | 8. | K | G5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



23h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8901 | Tucana | — | 10268 | *7783* | 31714 | 19.6 | −57 24 | 5.61 | .. | .. | .. | .. | *10* | .. | .. | 10 | .. | .. | .. | .. | .. | .. | *03* | 10. | K | Ko |
| 8902 | Andr. | — | 5068 | .. | .. | 19.7 | +40 34 | 6.48 | .. | .. | *06* | .. | .. | .. | 06 | .. | .. | .. | .. | 54b | .. | .. | .. | *08* | A | Ao |
| 8903 | Pegasus | 67 | 4904 | 4142 | ... | 19.9 | +31 50 | 5.46 | 04 | .. | .. | *02* | .. | 02 | *05* | .. | *11* | .. | 20 | 32a | .. | .. | 39 | 08 | A | Ao |
| 8904 | Cassiop. | 4 | 2444 | 4144 | .. | 20.4 | +61 44 | 5.20 | *03* | .. | .. | .. | .. | 11 | *07* | .. | 10 | .. | 29 | *17*e | .. | .. | *25* | 71 | Map | K5 |
| 8905 | Pegasus | υ 68 | 4833 | 4143 | .. | 20.4 | +22 51 | 4.57 | 00 | .. | .. | .. | .. | 00 | .. | .. | 03 | .. | 00 | 13c | .. | .. | 01 | 81 | G | Go |
| 8906 | Aquar. | b² 99 | 6420 | 4145 | 31734 | 20.8 | −21 12 | 4.52 | *16* | .. | .. | 17 | .. | 12 | .. | *11* | *22* | *05* | .. | .. | .. | .. | *10* | 105 | K5 | K5 |
| 8907 | Grus | o | 10461 | *7785* | 31737 | 21.0 | −53 17 | 5.54 | .. | .. | .. | .. | *02* | .. | .. | 03 | .. | .. | .. | .. | .. | .. | *19* | 4. | F | F0 |
| 8908 | Tucana | — | 3964 | .. | 31739 | 21.2 | −67 8 | 6.46 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 13. | K | Ko |
| 8909 | Tucana | — | 7890 | *7788* | 31750 | 21.5 | −59 2 | 5.62 | .. | .. | .. | .. | *08* | .. | .. | 07 | .. | .. | .. | .. | .. | .. | *02* | 10. | F | Ko |
| 8910 | Phoenix | — | 13976 | *7789* | 31752 | 21.6 | −50 43 | 6.34 | .. | .. | .. | .. | *09* | .. | .. | 08 | .. | .. | .. | .. | .. | .. | *39* | 1. | B8 | B8 |
| 8911 | Pisces | κ 8 | 4998 | 4146 | .. | 21.8 | + 0 42 | 4.94 | 07 | .. | .. | .. | .. | *06* | *01* | .. | R | .. | 23 | 25b | .. | .. | 06 | 16 | A2 | A2p |
| 8912 | Pisces | 9 | 4999 | .. | .. | 22.1 | + 0 34 | 6.44 | .. | .. | *06* | 07 | .. | .. | 00 | .. | R | .. | 04 | *01*c | .. | .. | .. | 07 | G | Ko |
| 8913 | Andr. | 13 | 4672 | 4147 | .. | 22.3 | +42 21 | 5.65 | 12 | .. | .. | .. | .. | 02 | *15* | .. | 10 | .. | 24 | 27b | .. | .. | 15 | 12 | A | Bq |
| 8914 | Sculptor | — | 15895 | .. | 31767 | 22.6 | −36 6 | 6.35 | .. | .. | .. | .. | .. | .. | 11 | *11* | .. | .. | .. | .. | .. | .. | .. | 9. | K | K2 |
| 8915 | Pegasus | 69 | 4778 | 4148 | .. | 22.7 | +24 37 | 5.87 | 09 | .. | *11* | .. | .. | 02 | .. | .. | *02* | .. | 17 | 39b | .. | .. | 33 | *06* | A | A0 |
| 8916 | Pisces | θ 10 | 5173 | 4149 | .. | 22.9 | + 5 50 | 4.45 | *04* | .. | .. | .. | .. | 04 | .. | .. | 30 | .. | *27* | 03d | .. | .. | 05 | 81 | G5 | G5 |
| 8917 | Aquar. | — | 6496 | .. | 31770 | 22.9 | −12 0 | 6.48 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | Go |
| 8918 | Cepheus | — | 1332 | 4150 | .. | 23.1 | +69 49 | 5.63 | 08 | .. | *04* | *12* | .. | 06 | 00 | .. | .. | .. | 35 | 16b | .. | .. | 07 | *04* | A | A2 |
| 8919 | Tucana | — | 4891 | *7794* | 31773 | 23.3 | −63 40 | 5.74 | .. | .. | .. | .. | *12* | .. | .. | 11 | .. | .. | .. | .. | .. | .. | *16* | 12. | A | A0p |
| 8920 | Phoenix | — | 15043 | *7796* | 31780 | 23.6 | −45 3 | 6.48 | .. | .. | .. | .. | 08 | .. | .. | *08* | .. | .. | .. | .. | .. | .. | .. | 6. | K | Ko |
| 8921 | Aquar. | — | *6120* | .. | 31787 | 23.8 | − 9 49 | 6.46 | .. | .. | 15 | .. | .. | .. | *14* | .. | .. | .. | .. | .. | .. | .. | .. | .. | K | Ko |
| 8922 | Pegasus | — | 4844 | .. | .. | 24.1 | +22 31 | 6.45 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25c | .. | .. | .. | .. | K | Ko |
| 8923 | Pegasus | 70 | *5009* | 4151 | .. | 24.1 | +12 13 | 4.67 | *02* | .. | .. | *04* | .. | 05 | .. | .. | 13 | .. | 37 | 01c | .. | .. | *17* | 114 | K | Ko |
| 8924 | Aquar. | — | 5999 | 4152 | 31795 | 24.4 | − 5 5 | 6.40 | *12* | .. | 15 | .. | .. | *01* | *03* | .. | .. | .. | *31* | .. | .. | .. | *12* | 13 | K | Ko |
| 8925 | Andr. | — | 4070 | .. | .. | 25.3 | +48 36 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | *14*d | .. | .. | .. | .. | K | K2 |
| 8926 | Cassiop. | — | *2748* | 4153 | .. | 25.4 | +58 0 | 4.89 | *13* | .. | .. | *03* | .. | 08 | 08 | .. | .. | .. | 05 | 24b | .. | .. | *14* | 16 | B3 | B3 |
| 8927 | Andr. | — | *4856* | .. | .. | 25.8 | +38 6 | 6.21 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 13c | .. | .. | .. | 17 | K | Ko |
| 8928 | Aquar. | — | *6036* | .. | 31822 | 25.9 | − 6 51 | 6.39 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | G | Ko |
| 8929 | Phoenix | — | 15055 | *7807* | 31826 | 26.0 | −45 24 | 5.93 | .. | .. | .. | .. | *10* | *05* | R | 16 | .. | .. | .. | .. | .. | .. | 07 | 8. | K | Ko |
| 8930 | Andr. | 14 | 5023 | 4154 | .. | 26.3 | +38 42 | 5.34 | 00 | .. | .. | .. | .. | 02 | *01* | .. | 06 | .. | 10 | *08*c | .. | .. | *04* | 67 | K | Ko |
| 8931 | Aquar. | — | 5896 | .. | 31837 | 26.4 | − 4 38 | 6.50 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | F | F8 |
| 8932 | Aquar. | 100 | *6141* | .. | 31839 | 26.4 | −21 56 | 6.24 | .. | .. | .. | 00 | .. | 00 | .. | .. | *44* | .. | .. | .. | .. | .. | .. | *28* | A | F0 |
| 8933 | Aquar. | — | 4568 | .. | .. | 26.7 | +27 51 | 6.23 | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | 47a | .. | .. | 07 | *04* | A | A0 |
| 8934 | Pisces | 13 | 4450 | .. | 31847 | 26.8 | − 1 39 | 6.46 | .. | .. | 16 | *06* | .. | .. | *10* | .. | 24 | .. | .. | .. | .. | .. | .. | .. | F | Ko |
| 8935 | Octans | — | *1473* | *7814* | 31840 | 26.9 | −77 57 | 5.78 | .. | .. | .. | .. | *01* | .. | .. | 01 | .. | .. | .. | .. | *33* | .. | *13* | 6. | K | Ko |
| 8936 | Andr. | — | 4948 | .. | .. | 27.5 | +34 25 | 6.55 | .. | .. | 07 | .. | .. | .. | *07* | .. | .. | .. | .. | 35a | .. | .. | .. | *40* | A | A0 |
| 8937 | Sculptor | β | 15527 | *7815* | 31859 | 27.6 | −38 22 | 4.46 | .. | *06* | .. | .. | 12 | *09* | *11* | 16 | .. | .. | .. | .. | *16* | *04* | 14 | 3. | B9 | Bq |
| 8938 | Cepheus | — | 344 | 4159 | .. | 27.8 | +86 45 | 5.62 | *05* | .. | 02 | .. | .. | 03 | .. | .. | .. | .. | 12 | 18b | .. | .. | 19 | 65 | A | F0 |
| 8939 | Aquar. | b³101 | 6437 | 4157 | 31869 | 28.0 | −21 28 | 4.76 | *03* | .. | .. | *04* | .. | 02 | .. | 06 | *01* | *17* | .. | .. | .. | .. | 02 | 20 | A | A0 |
| 8940 | Pegasus | 71 | 4952 | 4158 | .. | 28.5 | +21 57 | 5.51 | *09* | .. | .. | .. | .. | 01 | 07 | .. | *04* | .. | 04 | 19d | .. | .. | 19 | 76 | Mb | Mb |
| 8941 | Andr. | — | 4441 | .. | .. | 28.9 | +44 31 | 6.28 | .. | .. | 09 | .. | .. | .. | *10* | .. | .. | .. | .. | 13c | .. | .. | .. | 35 | K | K5 |
| 8942 | Pegasus | — | 5352 | 4160 | .. | 28.9 | +20 18 | 6.29 | 06 | .. | *04* | .. | .. | *03* | .. | .. | .. | .. | .. | *03*d | .. | .. | 11 | 13 | Ma | Ma |
| 8943 | Pegasus | 72 | 4978 | 4162 | .. | 29.0 | +30 46 | 5.21 | 02 | .. | .. | .. | .. | *05* | 04 | .. | *01* | .. | 23 | *12*d | .. | .. | *01* | 100 | K | K2 |
| 8944 | Pisces | 14 | *5986* | 4161 | 31893 | 29.0 | − 1 48 | 5.98 | *04* | .. | .. | .. | .. | *03* | .. | 07 | 22 | .. | 15 | .. | .. | .. | *06* | *12* | A | A2 |
| 8945 | Tucana | — | 4148 | .. | 31896 | 29.5 | −65 15 | R | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | R | .. | .. | R | F | F0 |
| 8946 | Aquar. | — | *6314* | 4163 | 31905 | 29.6 | −15 48 | 6.15 | 12 | .. | .. | *04* | .. | *07* | .. | .. | .. | .. | .. | .. | .. | .. | 05 | .. | K | Ko |
| 8947 | Andr. | 15 | 5114 | 4165 | .. | 29.7 | +39 41 | 5.50 | 04 | .. | .. | 04 | .. | *07* | .. | .. | 00 | .. | 01 | 44b | .. | 22 | 00 | 14 | A | A0 |
| 8948 | Pegasus | 73 | 4667 | 4164 | .. | 29.7 | +32 57 | 5.74 | 06 | .. | .. | .. | .. | *07* | .. | .. | 16 | .. | 29 | 05c | .. | .. | 06 | 30 | K | Ko |
| 8949 | Phoenix | ι | 15420 | *7816* | 31906 | 29.7 | −43 10 | 4.80 | .. | .. | .. | .. | 07 | *08* | *14* | 15 | .. | *31* | .. | .. | *35* | .. | *02* | 6. | A2p | A2p |
| 8950 | Andr. | — | 4866 | .. | .. | 29.9 | +37 29 | 6.34 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 00d | .. | .. | .. | .. | K | K5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**23h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 8951 | Aquar. | — | 6142 | 4167 | 31918 | 30.4 | − 8 1 | 6.51 | 00 | .. | .. | .. | .. | 05 | 04 | .. | .. | .. | .. | .. | .. | .. | 06 | 10 | A | Ko |
| 8952 | Cepheus | — | 1327 | 4168 | .. | 30.6 | +71 5 | 6.13 | 04 | .. | 01 | .. | .. | 03 | 08 | .. | .. | .. | 21 | 25e | .. | .. | 02 | 30 | K | Ko |
| 8953 | Pegasus | — | 4769 | 4169 | .. | 30.9 | +24 1 | 6.60 | 09 | .. | .. | .. | .. | 02 | 10 | .. | .. | .. | 14 | 09c | .. | .. | 05 | .. | K | ma |
| 8954 | Pisces | 16 | 4744 | 4170 | .. | 31.3 | + 1 32 | 5.65 | 06 | .. | .. | 17 | .. | 10 | .. | .. | 05 | .. | 12 | 38b | .. | .. | 00 | 22 | F | F5− |
| 8955 | Pegasus | — | 4671 | 4171 | .. | 31.5 | +32 21 | 6.34 | 15 | .. | .. | 00 | .. | 07 | 09 | .. | .. | .. | 15 | 26b | .. | .. | 19 | 25 | F | G5− |
| 8956 | Sculptor | — | 17593 | .. | 31944 | 31.8 | −32 26 | 6.51 | .. | .. | .. | .. | .. | .. | 09 | 09 | .. | .. | .. | .. | .. | .. | .. | 8. | K | Ko |
| 8957 | Octans | — | 1583 | .. | 31946 | 32.2 | −77 26 | 5.99 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 29 | .. | 09 | 9. | G5 | Ko |
| 8958 | Aquar. | — | 6439 | 4172 | 31957 | 32.5 | −13 37 | 5.74 | 14 | .. | .. | .. | .. | 07 | 09 | 00 | .. | .. | .. | .. | .. | .. | 01 | 08 | A | B5− |
| 8959 | Phoenix | — | 14720 | 7823 | 31955 | 32.5 | −46 3 | 4.86 | .. | .. | .. | .. | 06 | 26 | 10 | 12 | .. | .. | .. | .. | 16 | .. | 02 | 0. | A2 | A2 |
| 8960 | Pegasus | 74 | 4954 | 4173 | .. | 32.6 | +16 17 | 6.18 | 09 | .. | .. | .. | .. | 10 | .. | .. | 00 | .. | 04 | 34b | .. | .. | 08 | 04 | A | A0 |
| 8961 | Andr. | λ 16 | 4283 | 4174 | .. | 32.7 | +45 55 | 4.00 | 05 | .. | .. | 04 | .. | 14 | 11 | .. | 10 | .. | 31 | 06d | .. | .. | 10 | 100 | K | K0 |
| 8962 | Andr. | — | 4508 | .. | .. | 32.7 | +43 52 | 5.86 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28b | .. | 12 | .. | 20 | A | B9 |
| 8963 | Pegasus | 75 | 4952 | 4175 | .. | 32.9 | +17 51 | 5.42 | 04 | .. | .. | .. | .. | 04 | .. | .. | 21 | .. | 06 | 36b | .. | 27 | 18 | 05 | A | A0 |
| 8964 | Andr. | — | 4288 | .. | .. | 33.0 | +45 39 | 6.56 | .. | .. | 06 | .. | .. | .. | 06 | .. | .. | .. | .. | 22b | .. | .. | .. | .. | G | G5− |
| 8965 | Andr. | ι 17 | 4720 | 4176 | .. | 33.2 | +42 43 | 4.28 | 02 | .. | .. | .. | .. | 05 | 02 | .. | 15 | .. | 28 | 20a | .. | .. | 12 | 12 | B8 | B8 |
| 8966 | Phoenix | — | 14651 | 7830 | 31982 | 34.1 | −47 12 | 6.28 | .. | .. | .. | .. | 05 | .. | .. | 06 | .. | 78 | .. | .. | .. | .. | 06 | 3. | A5 | A3 |
| 8967 | Andr. | 18 | 4180 | 4177 | .. | 34.3 | +49 55 | 5.32 | 02 | .. | .. | 05 | .. | 04 | .. | .. | 12 | .. | 09 | 22b | .. | .. | 02 | 11 | B9 | A4 |
| 8968 | Aquar. | ω¹102 | 6471 | 4178 | 31991 | 34.6 | −14 47 | 5.16 | 07 | .. | 05 | .. | .. | 12 | .. | 02 | 04 | .. | .. | .. | .. | .. | 01 | 21 | A8 | A0− |
| 8969 | Pisces | ι 17 | 5035 | 4180 | .. | 34.8 | + 5 5 | 4.28 | 00 | .. | 07 | 00 | .. | 07 | .. | .. | 23 | .. | 03 | 00b | .. | .. | 02 | 72 | F5 | B0 |
| 8970 | Pegasus | — | 5095 | 4179 | .. | 34.9 | + 9 7 | 6.07 | 08 | .. | .. | .. | .. | 08 | .. | .. | .. | .. | 10 | 32b | .. | .. | 13 | 23 | A | A2 |
| 8971 | Cepheus | — | 1032 | .. | .. | 35.0 | +74 43 | 6.04 | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | .. | 11a | .. | .. | .. | 22 | A | A2 |
| 8972 | Cepheus | — | 1047 | 4181 | .. | 35.0 | +73 25 | 6.08 | 03 | 03 | .. | .. | .. | 00 | 00 | .. | .. | .. | .. | 08c | .. | 08 | 08 | 27 | G | B5− |
| 8973 | Andr. | — | 5098 | .. | .. | 35.1 | +37 6 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 59b | .. | .. | .. | 19 | A | F0 |
| 8974 | Cepheus | γ 35 | 928 | 4182 | .. | 35.2 | +77 4 | 3.42 | 05 | .. | .. | .. | .. | 06 | .. | .. | 52 | .. | 09 | 01d | .. | .. | 08 | 145 | K | K0 |
| 8975 | Sculptor | μ | 17621 | 7833 | 32003 | 35.4 | −32 38 | 5.33 | .. | 01 | .. | .. | 01 | 06 | 05 | 11 | .. | .. | .. | .. | 43 | .. | 08 | 9. | K | K0 |
| 8976 | Andr. | κ 19 | 4522 | 4183 | .. | 35.5 | +43 47 | 4.33 | 09 | .. | .. | .. | .. | 03 | 07 | .. | 14 | .. | 01 | 11b | .. | .. | 07 | 05 | A | A0 |
| 8977 | Andr. | — | 5074 | 4184 | .. | 35.6 | +36 9 | 6.30 | 07 | .. | 02 | .. | .. | 10 | .. | .. | .. | .. | .. | 23b | .. | .. | .. | 01 | F | F5− |
| 8978 | Aquar. | — | 17796 | 7836 | 32013 | 35.9 | −24 43 | 6.68 | .. | .. | .. | .. | 23 | .. | 22 | .. | .. | .. | .. | .. | .. | .. | .. | 12. | K | K5− |
| 8979 | Aquar. | — | 6535 | 4185 | 32014 | 36.0 | −12 14 | 6.13 | 04 | .. | .. | .. | .. | 08 | .. | 04 | .. | .. | .. | .. | .. | .. | 18 | 15 | K | K0 |
| 8980 | Aquar. | A¹103 | 6357 | 4186 | 32019 | 36.4 | −18 35 | 5.60 | 10 | .. | .. | .. | .. | 04 | .. | 13 | 15 | .. | .. | .. | .. | .. | 10 | 61 | K | K0 |
| 8981 | Andr. | — | 4127 | .. | .. | 36.6 | +48 58 | 6.31 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 15c | .. | .. | .. | 26 | A3 | A3 |
| 8982 | Aquar. | A²104 | 6358 | 4187 | 32023 | 36.6 | −18 23 | 4.95 | 17 | .. | .. | .. | .. | 12 | .. | 04 | 00 | .. | .. | .. | .. | .. | 10 | 54 | G | B0 |
| 8983 | Pisces | — | 5183 | .. | .. | 36.9 | + 6 42 | 5.85 | .. | .. | .. | 06 | .. | 06 | .. | .. | .. | .. | .. | 35b | .. | 21 | .. | 18 | A | A0 |
| 8984 | Pisces | λ 18 | 5037 | 4188 | .. | 36.9 | + 1 14 | 4.61 | 08 | .. | 07 | 15 | .. | 17 | .. | .. | 09 | .. | 33 | 17b | .. | .. | 04 | 42 | A5 | A5− |
| 8985 | Cassiop. | — | 3067 | .. | .. | 37.1 | +56 43 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 05d | .. | .. | .. | .. | K | B5− |
| 8986 | Andr. | — | 4473 | .. | .. | 37.3 | +44 26 | 6.70 | .. | .. | 22 | .. | .. | .. | 21 | .. | .. | .. | .. | 20d | .. | .. | .. | .. | F | K5− |
| 8987 | Aquar. | — | 6345 | 4189 | 32034 | 37.3 | −16 0 | 5.44 | 07 | .. | .. | 07 | .. | 07 | 05 | R | .. | .. | .. | .. | .. | .. | 16 | 45 | K | K2 |
| 8988 | Aquar. | ω²105 | 6476 | 4190 | 32043 | 37.5 | −15 6 | 4.62 | 06 | .. | 01 | .. | .. | 19 | .. | 14 | 08 | .. | .. | .. | .. | .. | 03 | 04 | A | A0 |
| 8989 | Cassiop. | — | 2038 | 4191 | .. | 37.6 | +63 58 | 6.85 | 07 | 04 | .. | .. | .. | 05 | 05 | .. | .. | .. | .. | 33e | .. | 26 | 25 | R | Ma | ma |
| 8990 | Cassiop. | — | 2609 | .. | .. | 37.7 | +61 7 | 6.54 | .. | .. | 12 | .. | .. | .. | 12 | .. | .. | .. | .. | 09c | .. | .. | .. | 09 | K | K2 |
| 8991 | Pegasus | 77 | 5268 | 4192 | .. | 38.3 | + 9 46 | 5.39 | 03 | .. | .. | 04 | .. | 02 | .. | .. | 09 | .. | 13 | 21d | .. | .. | 01 | 92 | Ma | ma |
| 8992 | Aquar. | R | 6352 | 4193 | 32068 | 38.6 | −15 50 | var. | V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md | md |
| 8993 | Phoenix | — | 15114 | .. | 32067 | 38.6 | −45 39 | 6.26 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 5. | G | B5− |
| 8994 | Tucana | — | 2771 | 7844 | 32064 | 38.6 | −71 3 | 6.04 | .. | .. | .. | .. | 08 | .. | .. | 07 | .. | .. | .. | .. | 64 | .. | 04 | 10. | K | B5− |
| 8995 | Octans | — | 1239 | 7845 | 32060 | 38.6 | −79 21 | 5.68 | .. | .. | .. | .. | 13 | .. | .. | 13 | .. | .. | .. | .. | 17 | .. | 06 | 7. | K | K0 |
| 8996 | Tucana | — | 4159 | 7846 | 32065 | 38.7 | −64 58 | 5.66 | .. | .. | .. | .. | 12 | .. | .. | 13 | .. | .. | .. | .. | 76 | .. | 16 | 12. | K5 | K5− |
| 8997 | Pegasus | 78 | 4627 | 4194 | .. | 39.0 | +28 49 | 4.98 | 05 | .. | .. | .. | .. | 02 | 08 | .. | 06 | .. | 05 | 09d | .. | .. | 02 | 78 | K | K0 |
| 8998 | Aquar. | i¹106 | 6500 | 4195 | 32076 | 39.0 | −18 50 | 5.26 | 02 | .. | 06 | .. | .. | 00 | 00 | 02 | 06 | .. | .. | .. | .. | .. | 09 | 08 | A | B9 |
| 8999 | Sculptor | — | 16762 | .. | 32078 | 39.3 | −26 48 | 6.26 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 5. | F5 | F5− |
| 9000 | Cassiop. | — | 3010 | .. | .. | 40.0 | +55 16 | 6.62 | .. | .. | 14 | .. | .. | .. | 14 | .. | .. | .. | .. | 04c | .. | .. | .. | .. | G | B5− |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



23h

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. | | | | | | | | Catalogue Residuals. | | | | | | | | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | H | h | O | P | W | M | B | D | |
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | |
| 9001 | Phoenix | — | 15239 | *7853* | 32101 | 40.7 | −40 45 | 6.33 | .. | .. | .. | .. | *05* | *11* | *14* | 31 | .. | .. | .. | .. | .. | .. | *05* | 1. | A 5 |
| 9002 | Aquar. | i²107 | 6506 | 4196 | 32105 | 40.8 | −19 14 | 5.45 | *06* | .. | *08* | .. | .. | 10 | .. | 04 | *05* | .. | .. | .. | .. | .. | *05* | 09 | A 5 |
| 9003 | Andr. | ψ 20 | 4321 | 4197 | .. | 41.1 | +45 52 | 5.09 | *09* | .. | .. | .. | .. | *02* | 10 | .. | *07* | .. | *05* | *03*c | .. | .. | *14* | 85 | K |
| 9004 | Pisces | 19 | 4709 | 4198 | .. | 41.3 | + 2 56 | 5.30 | *15* | .. | .. | .. | .. | 14 | .. | .. | *20* | .. | *09* | *18*f | .. | .. | 20 | .. | N |
| 9005 | Cepheus | — | *1943* | 4199 | .. | 41.8 | +66 13 | 5.94 | 04 | .. | 01 | .. | .. | *05* | .. | .. | .. | .. | .. | 16b | .. | .. | 06 | *11* | B 3 |
| 9006 | Phoenix | σ | 14047 | *7857* | 32130 | 41.9 | −50 47 | 5.37 | .. | .. | .. | .. | *02* | .. | .. | 02 | .. | .. | .. | .. | *47* | .. | 01 | *9*. | B 5 |
| 9007 | Tucana | — | *3335* | .. | 32129 | 41.9 | −68 57 | 7.18 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | R | .. | .. | 2. | F 2 |
| 9008 | Cassiop. | τ 5 | *2804* | 4201 | .. | 42.1 | +58 6 | 5.09 | 07 | .. | .. | .. | .. | 03 | *10* | .. | *09* | .. | 00 | *09*d | .. | .. | *09* | 65 | K |
| 9009 | Aquar. | — | 6559 | 4200 | 32134 | 42.1 | −12 28 | 5.90 | 05 | .. | .. | .. | .. | 02 | 06 | *12* | .. | .. | .. | .. | .. | .. | 10 | 28 | K |
| 9010 | Cassiop. | — | 3085 | 4202 | .. | 42.2 | +56 54 | 5.78 | *05* | .. | .. | .. | .. | 05 | .. | .. | .. | .. | .. | *31*e | .. | .. | *08* | 24 | K |
| 9011 | Andr. | — | 4169 | .. | .. | 42.6 | +46 16 | 5.84 | .. | .. | .. | .. | .. | *14* | 15 | .. | .. | .. | .. | 44b | .. | .. | .. | 01 | A |
| 9012 | Pisces | 20 | 5707 | 4203 | 32147 | 42.8 | − 3 19 | 5.60 | 06 | .. | .. | .. | .. | *04* | .. | *03* | 05 | .. | 20 | .. | .. | .. | 15 | 69 | K |
| 9013 | Cepheus | — | 1562 | 4204 | .. | 43.1 | +67 15 | 5.02 | 07 | .. | .. | *08* | .. | 02 | .. | .. | .. | .. | 15 | 24b | .. | .. | 13 | 20 | A |
| 9014 | Aquar. | — | *6086* | .. | 32154 | 43.4 | − 6 56 | 6.27 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | K |
| 9015 | Pisces | — | 4773 | .. | .. | 43.7 | + 1 39 | 6.42 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | .. | F |
| 9016 | *Sculptor* | δ | 18353 | 4205 | 32161 | 43.7 | −28 41 | 4.64 | *08* | .. | .. | *03* | .. | 04 | *02* | 08 | .. | *07* | .. | .. | .. | .. | 26 | 116 | A |
| 9017 | Cassiop. | — | 1861 | .. | .. | 43.8 | +64 19 | 6.38 | .. | .. | 02 | .. | .. | .. | *02* | .. | .. | .. | .. | 19b | .. | .. | .. | *39* | A |
| 9018 | Cassiop. | 6 | 2533 | 4206 | .. | 44.0 | +61 40 | 5.61 | *08* | .. | .. | .. | .. | 03 | 04 | .. | *11* | .. | *04* | *04*c | .. | .. | *11* | 34 | F |
| 9019 | Cassiop. | — | 2777 | .. | .. | 44.0 | +59 25 | 6.38 | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 14b | .. | .. | .. | *49* | A |
| 9020 | Cassiop. | — | 2653 | .. | .. | 44.3 | +58 25 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 10b | .. | .. | .. | *34* | A |
| 9021 | Aquar. | — | 6373 | .. | 32174 | 44.3 | −16 25 | 6.41 | .. | .. | .. | 02 | .. | *02* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | K |
| 9022 | Pisces | 21 | 5054 | 4207 | .. | 44.4 | + 0 31 | 5.77 | 29 | .. | *29* | .. | .. | *01* | .. | .. | 23 | .. | 34 | 30b | .. | .. | 03 | *13* | A |
| 9023 | Tucana | — | 4931 | .. | 32172 | 44.4 | −63 24 | 6.40 | .. | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 15. | K |
| 9024 | Andr. | — | 5110 | 4208 | .. | 44.6 | +35 53 | 5.91 | *01* | .. | .. | .. | .. | 09 | *09* | .. | .. | .. | 11 | 24c | .. | .. | *01* | 48 | F |
| 9025 | Pegasus | 79 | 4649 | 4209 | .. | 44.6 | +28 17 | 5.91 | *05* | .. | .. | .. | .. | 01 | 03 | .. | *51* | .. | 13 | 35b | .. | 16 | *01* | 07 | A |
| 9026 | Sculptor | — | *16796* | .. | 32180 | 44.6 | −25 54 | 6.44 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | *64* | *1*. | A 2 |
| 9027 | Aquar. | — | 6177 | 4211 | 32188 | 45.1 | −10 32 | 6.08 | 19 | .. | *08* | .. | .. | *01* | .. | *10* | .. | .. | .. | .. | .. | .. | 17 | 51 | A |
| 9028 | Cassiop. | — | *4165* | .. | .. | 45.4 | +51 4 | 6.53 | .. | .. | 14 | *06* | .. | .. | *08* | .. | .. | .. | .. | 18b | .. | .. | .. | *13* | F |
| 9029 | Aquar. | — | *6507* | 4212 | 32194 | 45.4 | −14 58 | 5.92 | *07* | .. | 10 | 14 | .. | 00 | .. | *17* | .. | .. | .. | .. | .. | .. | *12* | 29 | K |
| 9030 | Pegasus | 80 | 5127 | 4214 | .. | 46.2 | + 8 46 | 6.11 | *09* | .. | .. | 08 | .. | 00 | .. | .. | *11* | .. | .. | *19*d | .. | .. | *26* | .. | Ma |
| 9031 | Aquar. | i³108 | 6522 | 4213 | 32204 | 46.2 | −19 28 | 5.32 | *01* | .. | 07 | .. | .. | *14* | *15* | 22 | 08 | .. | .. | .. | .. | 02 | *12* | *25* | A p |
| 9032 | Octans | γ¹ | 905 | *7869* | 32200 | 46.2 | −82 34 | 5.10 | .. | .. | .. | .. | 02 | .. | .. | *01* | .. | .. | .. | .. | *25* | .. | *03* | .. | G 5 |
| 9033 | Pisces | 22 | 4725 | 4215 | .. | 46.9 | + 2 23 | 5.85 | 01 | .. | .. | .. | .. | *01* | .. | .. | 05 | .. | .. | *12*d | .. | .. | 05 | .. | K 5 |
| 9034 | Cepheus | — | *934* | .. | .. | 47.1 | +77 3 | 6.49 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 25b | .. | .. | .. | *13* | F |
| 9035 | Pegasus | *23* | *5386* | 4216 | .. | 47.3 | +21 7 | 6.28 | *03* | .. | .. | .. | .. | 02 | .. | .. | R | .. | *23* | 02d | .. | .. | *08* | 29 | K |
| 9036 | Pegasus | φ 81 | 5231 | 4217 | .. | 47.4 | +18 34 | 5.23 | *03* | .. | .. | 12 | .. | *09* | .. | .. | 12 | .. | 22 | 01e | .. | .. | 22 | 98 | Ma |
| 9037 | Aquar. | — | *6515* | .. | 32221 | 47.4 | −14 48 | 6.00 | .. | .. | 21 | .. | .. | 00 | .. | *22* | .. | .. | .. | .. | .. | .. | *20* | .. | K |
| 9038 | Cepheus | — | 1047 | .. | .. | 47.5 | +74 59 | 6.55 | .. | .. | 07 | .. | .. | .. | *07* | .. | .. | .. | .. | *07*d | .. | .. | .. | *13* | K |
| 9039 | Pegasus | 82 | 5004 | 4218 | .. | 47.5 | +10 23 | 5.39 | *07* | .. | 03 | 01 | .. | 02 | .. | .. | *14* | .. | 03 | 15b | .. | .. | *01* | 19 | A |
| 9040 | Aquar. | — | 6277 | 4219 | 32228 | 47.7 | − 9 33 | 5.96 | *08* | .. | 01 | .. | .. | *03* | .. | 08 | .. | .. | .. | .. | .. | .. | 04 | 14 | K |
| 9041 | Pisces | 24 | 5723 | .. | 32231 | 47.8 | − 3 43 | 6.09 | .. | .. | .. | *01* | .. | 00 | .. | 01 | *39* | .. | .. | .. | .. | .. | .. | .. | K |
| 9042 | Pisces | 25 | 4792 | 4221 | .. | 48.0 | + 1 32 | 6.24 | 02 | .. | .. | .. | .. | *02* | .. | .. | 26 | .. | *19* | 36b | .. | .. | 06 | *30* | A |
| 9043 | *Aquar.* | — | 17897 | 4222 | 32239 | 48.2 | −24 47 | 6.24 | *10* | .. | .. | 00 | 19 | *08* | .. | .. | .. | .. | .. | .. | .. | .. | *29* | 12 | G |
| 9044 | *Sculptor* | — | 16479 | 4223 | 32251 | 49.2 | −27 36 | 6.27 | 08 | .. | .. | *05* | .. | *03* | .. | .. | .. | .. | .. | .. | .. | .. | 13 | 1. | A 2 |
| 9045 | Cassiop. | ρ 7 | 3111 | 4224 | .. | 49.4 | +56 57 | 4.85 | *29* | .. | .. | .. | .. | 19 | 11 | .. | *15* | .. | *05* | 07e | .. | .. | *25* | 81 | F 8 p |
| 9046 | Phoenix | — | 15285 | *7880* | 32256 | 49.4 | −40 52 | 6.01 | .. | .. | .. | .. | *06* | *05* | 02 | 09 | .. | .. | .. | .. | .. | .. | *31* | 4. | G |
| 9047 | Pisces | — | 4585 | 4225 | 32262 | 49.7 | − 0 27 | 5.98 | 07 | .. | 10 | .. | .. | 07 | 05 | *28* | .. | .. | .. | .. | .. | .. | 02 | .. | Mb |
| 9048 | Pisces | 26 | 5216 | 4227 | .. | 50.0 | + 6 31 | 6.12 | *01* | .. | .. | .. | .. | 06 | *04* | .. | *62* | .. | .. | 28b | .. | .. | *02* | 08 | A |
| 9049 | Sculptor | — | 17723 | *7882* | 32265 | 50.1 | −32 29 | 6.05 | .. | *08* | .. | .. | 00 | *06* | *03* | 19 | .. | .. | .. | .. | .. | .. | *29* | *2*. | B |
| 9050 | Sculptor | — | 17724 | *7881* | 32266 | 50.1 | −32 27 | 6.73 | .. | .. | .. | .. | *18* | .. | 04 | 13 | .. | .. | .. | .. | .. | .. | | | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**23h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalogue Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 9051 | Pegasus | — | 5042 | .. | .. | 50.3 | +25 24 | 6.67 | .. | .. | 09 | 09 | .. | .. | 18 | .. | .. | .. | .. | 11c | .. | .. | .. | .. | Kp | K5 |
| 9052 | Cassiop. | — | 3115 | .. | .. | 50.5 | +56 53 | 6.05 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 23b | .. | .. | .. | 05 | Bp | B8 |
| 9053 | Andr. | — | 4214 | 4228 | .. | 50.6 | +46 48 | 6.13 | 06 | .. | .. | .. | .. | 14 | 08 | .. | .. | .. | .. | 02d | .. | .. | .. | 37 | K | K0 |
| 9054 | Cetus | — | 16707 | .. | 32293 | 51.4 | −25 18 | 6.33 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | 27 | 6. | G | G5 |
| 9055 | Pegasus | — | 4999 | 4229 | .. | 51.6 | +22 5 | 6.30 | 22 | .. | .. | .. | .. | 23 | .. | .. | .. | .. | 32 | 02d | .. | .. | 20 | 32 | K | Ma |
| 9056 | Cepheus | V | 743 | 4230 | .. | 51.7 | +82 38 | 6.42 | 13 | .. | 14 | .. | .. | .. | .. | .. | .. | .. | 23 | .. | .. | .. | 02 | 35 | A | A0 |
| 9057 | Andr. | — | 4902 | 4231 | .. | 52.0 | +42 6 | 6.04 | 04 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | 21 | 16c | .. | .. | 04 | 30 | F | F5 |
| 9058 | Sculptor | — | 16494 | .. | 32304 | 52.0 | −27 11 | 6.40 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | .. | .. | .. | .. | 7. | K | K0 |
| 9059 | Cassiop. | — | 3076 | 4232 | .. | 52.1 | +55 9 | 5.69 | 20 | .. | 22 | 06 | .. | 01 | 05 | .. | .. | .. | 14 | 13c | .. | .. | 16 | 30 | F5 | F5 |
| 9060 | Tucana | — | 4940 | 7890 | 32307 | 52.1 | −63 31 | 6.04 | .. | .. | .. | .. | 08 | .. | .. | 07 | .. | .. | .. | .. | R | .. | 04 | 4. | A | A2 |
| 9061 | Octans | $\gamma^2$ | 907 | 7891 | 32303 | 52.1 | −82 44 | 5.68 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | .. | .. | .. | 23 | .. | 04 | 10. | G5 | K0 |
| 9062 | Tucana | $\eta$ | 4391 | 7893 | 32311 | 52.3 | −64 52 | 5.16 | .. | .. | .. | .. | 04 | .. | .. | 03 | .. | 44 | .. | .. | 71 | .. | 03 | 5. | A2 | A2 |
| 9063 | Cassiop. | — | 2795 | .. | .. | 52.5 | +59 28 | 6.42 | .. | .. | 04 | .. | .. | .. | 04 | .. | .. | .. | .. | 17b | .. | .. | .. | 40 | A | B8 |
| 9064 | Pegasus | $\psi$ 84 | 4865 | 4233 | .. | 52.7 | +24 35 | 4.75 | 19 | .. | .. | 24 | .. | 06 | .. | .. | 10 | .. | 05 | 05d | .. | .. | 03 | 121 | Ma | Mb |
| 9065 | Cetus | 1 | 6394 | .. | 32325 | 53.2 | −16 25 | 6.40 | .. | .. | .. | 10 | .. | 03 | 07 | .. | 20 | .. | .. | .. | .. | .. | .. | 19 | A | K2 |
| 9066 | Cassiop. | R | 4202 | 4234 | .. | 53.3 | +50 50 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | v | Md | Md |
| 9067 | Pisces | 27 | 5996 | 4235 | 32330 | 53.6 | − 4 7 | 5.07 | 04 | .. | 01 | .. | .. | 03 | .. | 01 | 08 | .. | 23 | .. | .. | .. | 29 | 87 | F | K0 |
| 9068 | Andr. | — | 5012 | 4236 | .. | 53.7 | +31 48 | 6.36 | 02 | .. | .. | .. | .. | 01 | .. | .. | .. | .. | 09 | 44a | .. | .. | 06 | 31 | A | B5 |
| 9069 | Phoenix | $\pi$ | 10561 | 7901 | 32333 | 53.7 | −53 19 | 5.14 | .. | .. | .. | .. | 02 | .. | .. | 02 | .. | .. | .. | .. | .. | .. | 09 | 11. | K | K0 |
| 9070 | Andr. | — | 4381 | .. | .. | 53.8 | +45 52 | 6.46 | .. | .. | 01 | .. | .. | .. | 00 | .. | .. | .. | .. | 22b | .. | .. | .. | 23 | F | B5 |
| 9071 | Cassiop. | $\sigma$ 8 | 3082 | 4237 | .. | 53.9 | +55 12 | 4.93 | 03 | .. | 27 | .. | .. | 12 | 11 | .. | 18 | .. | 09 | 19a | .. | 18 | 27 | 09 | B2 | B2 |
| 9072 | Pisces | $\omega$ 28 | 5227 | 4238 | .. | 54.2 | + 6 19 | 4.03 | 13 | .. | .. | 15 | .. | 01 | .. | .. | 22 | .. | 16 | 22b | .. | .. | 03 | 117 | F5 | F5 |
| 9073 | Sculptor | — | 19765 | 7902 | 32337 | 54.3 | −30 3 | 5.70 | .. | 04 | .. | .. | 08 | 10 | 09 | 16 | .. | .. | .. | .. | 15 | .. | 08 | 14. | K5 | K5 |
| 9074 | Andr. | — | 4747 | 4239 | .. | 54.4 | +33 11 | 6.58 | 06 | .. | .. | .. | .. | 00 | 05 | .. | .. | .. | .. | 15b | .. | .. | 22 | 06 | F | F8 |
| 9075 | Andr. | — | | 4240 | | 54.4 | +33 11 | 6.58 | | | | | | | | | | | | | | | | | | |
| 9076 | Tucana | $\varepsilon$ | 3819 | 7904 | 32347 | 54.7 | −66 8 | 4.71 | .. | .. | .. | .. | 07 | .. | .. | 07 | .. | 28 | .. | .. | 86 | .. | 21 | 3. | B9 | B9 |
| 9077 | Phoenix | — | 15420 | 7906 | 32355 | 55.2 | −44 51 | 6.23 | .. | .. | .. | .. | 00 | 07 | .. | 06 | .. | .. | .. | .. | .. | .. | 13 | 6. | G | K0 |
| 9078 | Pegasus | — | 4727 | .. | .. | 55.3 | +26 22 | 6.38 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 28b | .. | .. | .. | 09 | G | F8 |
| 9079 | Cassiop. | — | 2685 | .. | .. | 55.5 | +59 1 | 6.37 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 03d | .. | .. | .. | 27 | K | K0 |
| 9080 | Andr. | — | 4538 | 4242 | .. | 55.7 | +44 42 | 6.25 | 11 | .. | .. | .. | .. | 02 | 08 | .. | .. | .. | .. | 35a | .. | .. | 20 | 28 | A | A0p |
| 9081 | Phoenix | $\tau$ | 14316 | 7908 | 32365 | 55.9 | −49 22 | 5.66 | .. | .. | .. | .. | 08 | .. | .. | 07 | .. | .. | .. | .. | 36 | .. | 08 | 11. | G5 | K0 |
| 9082 | Phoenix | — | 13743 | 7909 | 32372 | 56.2 | −50 54 | 5.38 | .. | .. | .. | .. | 10 | .. | .. | 11 | .. | .. | .. | .. | 18 | .. | 03 | 17. | Ma | Ma |
| 9083 | Cassiop. | — | 4309 | .. | .. | 56.3 | +49 25 | 6.36 | .. | .. | 21 | 01 | .. | 09 | 13 | .. | .. | .. | .. | 03c | .. | .. | .. | 22 | K | K0 |
| 9084 | Octans | $\theta$ | 1596 | 7910 | 32376 | 56.4 | −77 37 | 4.73 | .. | .. | .. | .. | 11 | .. | .. | 11 | .. | .. | .. | .. | 12 | .. | 26 | 13. | K | K0 |
| 9085 | Cassiop. | — | 2657 | 4243 | .. | 56.5 | +60 40 | 5.70 | 04 | .. | .. | .. | .. | 03 | .. | .. | .. | .. | .. | 02b | .. | .. | 25 | 11 | A | A5 |
| 9086 | Andr. | — | 4920 | 4244 | .. | 56.6 | +41 49 | 6.13 | 03 | .. | .. | .. | .. | 00 | 04 | .. | .. | .. | 06 | 29b | .. | .. | 03 | 24 | A | B9 |
| 9087 | Pisces | 29 | 5749 | 4245 | 32379 | 56.7 | − 3 35 | 5.15 | 07 | .. | .. | .. | .. | 15 | 05 | 26 | 05 | .. | 15 | .. | .. | 20 | 17 | 34 | B8 | B8 |
| 9088 | Pegasus | 85 | 4734 | 4246 | .. | 56.8 | +26 34 | 5.85 | 02 | .. | .. | .. | .. | 05 | 03 | .. | 10 | .. | 13 | 11c | .. | .. | 05 | 50 | G | G0 |
| 9089 | Pisces | 30 | 6345 | 4247 | 32383 | 56.8 | − 6 35 | 4.66 | 07 | .. | .. | 01 | .. | 13 | .. | 06 | 11 | .. | 11 | .. | .. | .. | 04 | 151 | Ma | Mb |
| 9090 | Cetus | W | 6531 | .. | .. | 57.0 | −15 14 | var. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Md | |
| 9091 | Sculptor | $\zeta$ | 19790 | 7913 | 32389 | 57.2 | −30 16 | 4.99 | 01 | 08 | .. | .. | 06 | 01 | 13 | 12 | .. | 25 | .. | .. | 34 | .. | 09 | 9. | B5 | B5 |
| 9092 | Pisces | 31 | 5164 | .. | .. | 57.3 | + 8 24 | 6.34 | .. | .. | .. | 05 | .. | .. | 04 | .. | 34 | .. | .. | 24b | .. | .. | .. | 02 | A | A5 |
| 9093 | Pisces | c 32 | 5121 | 4249 | .. | 57.4 | + 7 56 | 5.78 | 17 | .. | .. | .. | .. | 17 | .. | .. | 02 | .. | 06 | 18b | .. | .. | 22 | 24 | F | F0 |
| 9094 | Cassiop. | — | 1987 | .. | .. | 57.5 | +65 33 | 5.77 | .. | .. | 02 | .. | .. | 01 | 01 | .. | .. | .. | .. | 23c | .. | .. | 03 | 35 | F | G0 |
| 9095 | Cetus | — | 6703 | .. | 32394 | 57.8 | −20 37 | 6.27 | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 07 | A | F8 |
| 9096 | Cetus | — | 17960 | 4250 | 32396 | 58.0 | −24 42 | 6.54 | 02 | .. | .. | 04 | 04 | 01 | .. | .. | .. | .. | .. | .. | .. | .. | 21 | 2. | K | B5 |
| 9097 | Cassiop. | — | 2356 | .. | .. | 58.3 | +63 5 | 6.26 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 24b | .. | .. | .. | 15 | F | B1 |
| 9098 | Cetus | 2 | 6417 | 4252 | 32405 | 58.6 | −17 54 | 4.62 | 06 | .. | .. | .. | .. | 11 | .. | 17 | 22 | .. | 28 | .. | .. | .. | 09 | 23 | A | A0 |
| 9099 | Cassiop. | — | 1993 | .. | .. | 58.7 | +66 9 | 6.62 | .. | .. | 07 | .. | .. | .. | 06 | .. | .. | .. | .. | 26d | .. | .. | .. | .. | K | Ma |
| 9100 | Cassiop. | 9 | 2586 | 4253 | .. | 59.1 | +61 44 | 6.00 | 13 | .. | .. | .. | .. | 06 | 07 | .. | 00 | .. | 01 | 04b | .. | .. | 10 | 02 | A | A0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



**23h**

| H. R. | Constell. | B.Fl. | DM. | H.P. | A.G.C. | R.A. 1900. | Dec. 1900. | Magn. | Photometric Residuals. 14 | 23 | 24,1 | 24,4 | 34 | 44 | 45 | 46 | Catalouge Residuals. H | h | O | P | W | M | B | D | Spect. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | m. | ° ′ | | | | | | | | | | | | | | | | | | | |
| 9101 | Cetus | — | 6868 | 4254 | 32413 | 59.2 | −17 5 | 5.80 | 03 | .. | .. | .. | .. | 02 | .. | 01 | .. | .. | .. | .. | .. | .. | 12 | 38 | K | K0 |
| 9102 | Sculptor | — | 18950 | 7919 | 32414 | 59.2 | −29 50 | 6.48 | .. | .. | .. | .. | 13 | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | 4. | A 2 | A2 |
| 9103 | Cetus | 3 | 6194 | 4255 | 32417 | 59.4 | −11 4 | 5.16 | 06 | .. | .. | .. | .. | 05 | 14 | 14 | 01 | .. | .. | .. | .. | .. | 04 | 113 | K | K2 |
| 9104 | Cepheus | — | 1679 | 4256 | .. | 59.5 | +66 36 | 5.84 | 04 | 02 | .. | .. | .. | 01 | 02 | .. | .. | .. | .. | 08c | .. | 12 | 11 | 16 | K | K0 |
| 9105 | Andr. | — | 4933 | 4257 | .. | 59.5 | +41 33 | 6.03 | 09 | .. | .. | .. | .. | 03 | 11 | .. | .. | .. | .. | 33b | .. | .. | 13 | 09 | A | A2 |
| 9106 | Tucana | — | 2346 | .. | 32418 | 59.5 | −73 28 | 7.43 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | R | .. | .. | R | F | F5 |
| 9107 | Andr. | — | 4828 | .. | .. | 59.6 | +34 7 | 6.23 | .. | .. | .. | .. | .. | .. | A | .. | .. | .. | .. | 17b | .. | .. | .. | 24 | F | B0 |
| 9108 | Tucana | — | 2800 | 7922 | 32421 | 59.6 | −72 0 | 5.64 | .. | .. | .. | .. | 08 | .. | .. | 08 | .. | .. | .. | .. | 59 | .. | 01 | 4. | A | B9 |
| 9109 | Pegasus | — | 5068 | .. | .. | 59.8 | +26 6 | 6.52 | .. | .. | 14 | .. | .. | 02 | 13 | .. | .. | .. | .. | 10d | .. | .. | .. | 08 | K | K2 |
| 9110 | Cassiop. | — | 2667 | 4258 | .. | 59.9 | +60 46 | 5.87 | 09 | .. | .. | .. | .. | 09 | .. | .. | .. | .. | 03 | 11b | .. | .. | 08 | 15 | A | B9 |

## REMARKS.

4. Probably wrongly identified in Draper Catalogue.
5. Bu. 12755. Binary. Period, 104$^{y}$.61. Semi-major axis, 1″.371.
8. Parallax, 0″.14. Proper motion, in R.A. +0$^{s}$.030, in Dec.—0″.20.
11. 4 Ceti.
12. See H. A. **14**, 411. Corrected magn., in H. P., 5.88. In B., the magn. 7.10 doubtless relates to −22° 7. In H. A. **44**, magn. 7.31. This star follows H. P. 2, 1$^{m}$.1, north 19′, and is the star given in H. A. **14**, 102, with magn. 7.29.
14. 5 Ceti.
15. α Andromedae = δ Pegasi. According to Ptolemy, this star belongs to both constellations. Spectroscopic binary. Class B. Period, 100$^{d}$. Bu. 19. The companion at 267°, 65″, is magn. 10.40. In D, too bright for measurement.
18. Probably wrongly identified in Draper Catalogue.
21. Circumpolar Standard. Parallax, 0″.15. Proper motion, in R. A. +0$^{s}$.068, in Dec. −0″.18.
35. Hydrogen lines well marked, except Hγ, Hδ, and Hζ which are faint, and Hη which appears as a narrow bright line.
53. One observation, in H. A., **45**, gives the residual 01.
77. Parallax, 0″.06. Proper motion, in R.A. +0$^{s}$.273, in Dec. +1″.16.
84. S.M.P. 41.
85. Variable. Class III. Irregular. Max. 5.4. Min. 6.9. Mean magn. in H. A., **24**, Table I, 5.56; in D, 6.79.
90. Variable. Class II. Mean period, 410$^{d}$.7. Max. 6.0. Min. 14.9.
92. Nova Cassiopeiae, 1572. Class I. Max. brighter than 1.
95. The globular cluster 47 Tucanae. The finest object of its kind in the sky, with the possible exception of ω Centauri. The spectrum appears to be continuous, in photographs taken with the objective prism. In H. A., **34**, too diffuse for measurement; in H. A., **46**, 6.16; in h, 4.48; in W, 3.95; in B, 3.80; in D, neb.
98. Parallax, 0″.13. Proper motion, in R. A. +0$^{s}$.703, in Dec. +0″.32.
99. Spectroscopic binary. Class B. Period long.
105. H. P. 62.
126,7. Inn. 1$^{h}$ 27. Combined magn. 3.75. Preceding star brighter, and difference in magnitude, 0.08, as derived from 12 observations with double image photometer.
130. Circumpolar Standard.
142. One observation, in H. A. **45**, gives the residual *58*.
143. One observation, in H. A. **45**, gives the residual *49*.
154. Spectroscopic binary. Class B. Period short.
159. According to W. Herschel, 14 Ceti "Does not exist." Proper motion, in R. A. +0$^{s}$.100, in Dec. 0″.00.
166. Parallax, 0″.14. Proper motion, in R. A. —0$^{s}$.034, in Dec. —0″.38.
168. This star is commonly regarded as variable. Max. 2.2. Min. 2.8. Not in P. Proper motion, in R. A. +0$^{s}$.006, in Dec. —0″.03. Bu. 361. The companion, D, at about 280°, 64″, is magn. 8.97.
169. Residual in W, *101*.
170. Variable. Max. 6. Min. 8. Mean magn., in H. A. **46**, 6.80; in D, 7.5.
179. Spectroscopic binary. Class B. Period short.
182. The great Nebula in Andromeda. Spectrum continuous, with objective prism. In H. A. **14**, neb. In H. A. **24**, Table IV, magn. of nucleus, 8.03; in B, magn. 5.30. A Nova, S Andromedae, appeared in this nebula in 1885. Max. 7. Min. fainter than 15.
192. Circumpolar Standard.
219. Parallax, 0″.20. Proper motion, in R. A. +0$^{s}$.143, in Dec. −0″.48.
222. Parallax, 0″.16. Proper motion, in R. A. +0$^{s}$.050, in Dec. −1″.15.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



226. Spectroscopic binary. Class B. Period short.
228. S.M.P. 138.
230,1. Bu. 439. Combined magn. 5.54. Equality of magnitude assumed from 8 observations with double image photometer.
247. S.M.P. 149.
251. A. G. C. 800 follows $0^s.1$, north 7″, magn. 8.5.
252. Inn. $0^h$ 52. Combined with C. P. D. −70° 38, magn. 8.0, which equals S.M.P. 151. Residual in W, *119*. Magnitudes of components, 7.14 and 7.60. Difference in magnitude, derived from 12 observations with double image photometer.
264. Circumpolar Standard. Proper motion, in R. A. $+0^s.004$, in Dec. 0″.00. Spectrum B, having also H$\beta$ and several other lines bright. In D, too bright for measurement.
271. Spectroscopic binary. Class A.
280. S.M.P. 163.
282, 3. Bu. 520. Combined magn. 5.62. Difference in magnitude derived from 16 observations with double image photometer.
285. 2 Ursae Minoris.
286. In H. A., **14**, 397 and **46**, 89, 9 and 8 observations give the magnitudes 6.52 and 6.44, respectively.
287. One observation, in H. A. **45**, gives the residual *20*.
291. 69 Piscium = 40 Andromedae.
310, 1. Bu. 570. Combined magn. 4.92. Difference in magn., 0.22, as derived from 30 observations with double image photometer.
313, 4. Bu. 574. Combined magn. 6.35. Difference in magnitude derived from 20 observations with double image photometer.
321. Parallax, 0″.14. Proper motion, in R.A. $+0^s.391$, in Dec. −1″.55.
336. Circumpolar Standard.
338. A. G. C. 1067 precedes $0^s.7$, south 3″, magn. 8.
345. RU Cassiopeiae. No variation found at Yerkes, Potsdam, or Harvard Observatories. See H. P. **55**, 33.
361, 2. Bu. 648. A, B. Combined magn. 5.18. Difference in magnitude derived from 28 observations with double image photometer.
368. One observation, in H. A. **46**, gives the residual *04*.
373. One observation, in H. A. **46**, gives the residual *10*.
377. Inn. $1^h$ 14. A. G. C. 1212 follows $0^s.0$, north 6″, magn. 7. Magnitudes of components, 5.10 and 7.29. Difference in magnitude derived from 12 observations with double image photometer.
403. Circumpolar Standard.
423. Variable. Class II. Period, $376^d.4$. Max. 6.2. Min. 8.8.
424. The Pole Star. Parallax, 0″.06. Proper motion, in R. A. $+0^s.136$, in Dec. 0″.00. Spectroscopic binary. Class B. Period $3^d.9683$; also long period, greater than 12 years. Bu. 713. The companion at 210°, 18″, is magn. 8.79. In D, too bright for measurement.
429. Spectroscopic binary. Class B. Period, $190^d$.
441. The photometric residuals *15* and *02* relate to H. A. **34** and **44**, respectively.
451. One observation, in H. A. **45**, gives the residual *05*.
462. A. G. C. 1546 precedes $0^s.3$, south 1″, magn. 7.5. Magnitudes of components, 6.03 and 7.10. Difference in magnitude dervied from 8 observations with double image photometer.
464. 51 Andromedae.
472. Achernar. Parallax, 0″.04. Proper motion, in R. A. $+0^s.010$, in Dec. −0″.04.
479. Inserted on the authority of Williams, who gives the magnitude, 5.95. Residual *119*. In C. P. D., magn. 6.9. In A. G. C. magn. 7.0. A. G. C. 1607 follows $1^s.2$, south 3″, magn. 7.5. Magnitudes of components, 7.49, and 8.54. Difference in magnitude derived from 12 observations with double image photometer.
483. Parallax, 0″.11. Proper motion, in R. A. $+0^s.073$, in Dec. −0″.15.
486, 7. Inn. $1^h$ 37. Combined magn. 5.26. Difference in magnitude derived from 12 observations with double image photometer.
489. 106 Piscium = 51 Ceti.
493. 107 Piscium = 2 Arietis. Parallax, 0″.12. Proper motion, in R. A. $-0^s.021$, in Dec. −0″.67.
496. 54 Andromedae. Spectrum B, having also H$\beta$ and several other lines bright. Spectroscopic binary. Class B.
509. Parallax, 0″.31. Proper motion, in R. A. $-0^s.120$, in Dec. +0″.86.
511. Parallax, 0″.05. Proper motion, in R. A. $+0^s.085$, in Dec. −0″.24.
534. 54 Ceti.
539. Spectroscopic binary. Class B. Period, several years.
542. Circumpolar Standard.
545,6. Bu. 993. A, B. Combined magn. 4.04. Difference in magnitude derived from 26 observations with double image photometer.
549. Spectroscopic binary. Class B. Period long.
550. In h, residual *117*.
553. Spectroscopic binary. Class B.
556,7. Bu. 1008. Combined magn. 5.18. Difference in magnitude, 0.16, as derived from 24 observations with double image photometer.
575. Circumpolar Standard.
590. Spectroscopic binary. Class B.
594. H. P. 322. Constellation Cetus.
595,6. Bu. 1061. Combined magn. 3.94. Difference in magnitude derived from 13 observations with double image photometer. Spectrum composite.
603,4. Bu. 1070. Components B and C, binary. Period $55^y.0$. Semi-major axis, 0″.346. Combined magn. 2.20. Difference in magnitude of A and BC, derived from 26 observations with double image photometer. Magnitude of B 5.39, of C 6.59, derived from estimates given by Burnham, 5.0 and 6.2. Spectrum composite.
612. S. M. P. 380.
628,9. Bu. 1125. Combined magn. 5.58. Difference in magnitude derived from 4 observations with double

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



image photometer. According to Struve, Potsdam, and the Harvard photographs, the north following component is the fainter. According to Oxford, the preceding component is the fainter.

630. S. M. P. 404.

637. Proper Motion, in R. A. $+0^s.225$, in Dec. $+0''.72$.

642. Bu. 1137. Magnitudes of components, 5.43 and 6.99. Difference in magnitude derived from 12 observations with double image photometer.

643. Spectrum composite.

649. Spectroscopic binary. Class B.

652. H. P. 355. Constellation Cetus.

660. Parallax, $0''.12$. Proper motion, in R. A. $+0^s.091$, in Dec. $-0''.23$.

663. W Andromedae. Variable. Class II. Period $395^d$. Max. 6.5. Min. 14.0.

676. In Potsdam, **13**, 360, for declination $+22°\ 24'.7$, read $+22°\ 42'.4$. Confirmed by photograph.

681. Mira. Variable. Class II. Period $331^d.6$. Max. 1.7. Min. 9.6.

702. Bayer's $\xi$ Arietis and $\psi$ Ceti are apparently the same, according to Baily's note on B. F. 300.

707. Circumpolar Standard. Bu. 1262. Magnitudes of components, A 4.76, B 7.02, C 8.19. Difference in magnitude of A and B, derived from 10, and of A and C. from 11 observations with double image photometer.

710. A. G. C. 2513 precedes $0^s.8$, north $5''$, magn. 9.

743. Circumpolar Standard.

749. A. G. C. 2692 precedes $0^s.8$, south $5''$, magn. 8.

752. Probably wrong identification in Draper Catalogue.

753. Parallax, $0''.14$. Proper motion, in R. A. $+0^s.123$, in Dec. $+1''.45$.

764,5. Bu. 1332. Combined magn. 6.11. Difference in magnitude 0.70, as derived from 4 observations with double image photometer. According to Oxford, the preceding star is brighter.

779. Spectroscopic binary. Class B. Period short. Range 10 km.

788. Spectroscopic binary. Class A. Period short.

796. One observation, in H. A. **46**, gives the residual 00.

804. Bu. 1401. Magnitudes of components, 6.16 and 3.69. Difference in magnitude derived from 35 observations with double image photometer.

812. 38 Arietis = 88 Ceti.

814. Inn. $2^h$ 28. S. M. P. 529 and 530. A. G. C. 2905 and 2906. Magnitudes of components, 7.04, and 7.15. Difference in magnitude derived from 4 observations with double image photometer.

815. RZ Cassiopeiae. Variable. Class V. Period, $1^d.195$. Max. 6.4. Min. 7.8. The residuals are taken from the mean magn., 6.28.

818. 1 Eridani = 90 Ceti.

830. 16 Trianguli.

841. H. P. 448.

844. S. M. P. 552.

854. Spectroscopic binary. Class B. Period long. Spectrum composite.

860. Circumpolar Standard.

868. Variable. Class II. Period, $405^d.0$. Photographic magnitude at Max. 5.9, Min. 12.0.

885. Spectrum contains additional bright lines.

887,8. Bu. 1512. Combined magn., 4.64. Difference in magnitude derived from estimates given by Burnham, 6.0 and 5.7.

890,1. Bu. 1510. Combined magn. 5.15. Difference in magnitude derived from 18 observations with double image photometer.

897,8. Inn. $2^h$ 50. Combined magn. 3.06. Difference in magnitude derived from 23 observations with double image photometer.

910. 93 Ceti. Identification wrong in H. A. **23**, 198.

915. Spectrum composite.

917. In H. P., $\rho$ Eridani.

921. Variable. Class III. Irregular. Max. 3.4. Min. 4.2.

922. Circumpolar Standard.

927,8. Bu. 1559. Combined magn. 5.36. Equality in light of components assumed from estimates given by Burnham, 6.0 and 6.0.

936. The variable star, Algol. Class V. Period, $2^d.867$. Max. 2.1. Min. 3.2. Spectroscopic binary. Class B. Period, $2^d.87$. Parallax, $0''.04$. Proper motion, in R. A. $-0^s.002$, in Dec. $+0''.01$.

937. Parallax, $0''.11$. Proper motion, in R. A. $+0^s.127$, in Dec. $-0''.06$. In D, too bright for measurement.

938. One observation, in H. A. **45**, gives the residual *12*.

963. 12 Eridani.

981. A. G. C. 3565 precedes $3^s.8$, south $11''$, magn. 8.

985. Circumpolar Standard. Spectrum B 2, having also H$\beta$ and several other lines bright.

987. In B, combined with H. R. 989. Magn. 4.80.

989. See H. R. 987.

994. C. DM. $-22°$ 1146, magn. 5.3. Called R Eridani by Gould. Probably not variable.

997. A. G. C. 3592 follows $0^s.6$, south $2''$, magn. 8.5.

1006. Proper motion, in R. A. $+0^s.195$, in Dec. $+0''.65$.

1008. Parallax, $0''.14$. Proper motion, in R. A. $+0^s.281$, in Dec. $+0''.76$.

1010. Proper motion, in R. A. $+0^s.192$, in Dec. $+0''.66$.

1016. One observation, in H. A. **45**, gives the residual 01.

1017. In D, too bright for measurement.

1023. Not in P., since it is magn. 7.7 in the Bonn Durchmusterung.

1057. This star is Nova Persei No. 2, 1901. See H. A. **48**, No. 2, and **56**, No. 3. Parallax, $-0''.01$.

1065. Bu. 1733. Magnitudes of components, 6.85 and 6.54. Difference in magnitude derived from 22 observations with double image photometer.

1070. In H. P., 17 Eridani.

1084. Proper motion, in R. A. $-0^s.066$, in Dec. $+0''02$. A. G. C. 3871 precedes $0^s.2$, south $7''$, magn. 9.

1087. Spectrum B 5, having also H$\beta$ and other lines bright.

1101. Parallax, $0''.06$. Proper motion, in R. A. $-0^s.016$, in Dec. $-0''.50$.

1105. Circumpolar Standard.

1117. In U.A., Eridanus, 113, magn. 6.5. Not in A. G. C. In Bonn Durchmusterung, magn. 6.1.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



1119. In U.A., Taurus, 14, magn. 6.6. Not in A. G. C. In Bonn Durchmusterung, magn. 6.7.
1122. In D, too bright for measurement.
1131. Spectroscopic binary. Class B. Period, $4^d.39$. Range, 220 km.
1134. H. P. 605. Constellation Eridanus.
1148. Circumpolar Standard.
1149. Spectroscopic binary. Class B. Range, 27 km.
1155. Circumpolar Standard.
1165. Alcyone. The brightest star in the Pleiades. Bu. 1875. The companion, B, at 289°, 117″, is magn. 6.30, as derived from 38 observations with double image photometer. Its magnitude is 8.0. in the Bonn Durchmusterung. Accordingly, it was not observed with the meridian photometer, nor at Potsdam.
1171. S. M. P. 750.
1180. Pleione. Spectrum B 8, having also Hβ and other lines bright, in 1888 and 1896. In 1905, these bright lines were not visible.
1184. H. P. 630. Constellation Eridanus.
1185. In H. A. **14**, H. P. 628, magn. 5.98, and H. P. 633, magn. 5.68. The original records show that all these observations relate to the first star. The mean magn., 5.83, has therefore been adopted. See H. A. **14**, 290.
1187. In U. A., Eridanus, 132, magn. 6.3. Not in A. G. C. In Bonn Durchmusterung, magn. 5.7.
1188. In H. A. **24**, Table IV, magn. 6.35. The companion recorded shows that the object observed was +25° 641.
1189,90. Inn. $3^h$ 44. Combined magn. 4.35. Difference in magnitude derived from 28 observations with double image photometer.
1193. See 1185.
1200. Residual in W, *129*.
1203. Bu. 1921. The companion at 208°. 12″, is magn. 9.30.
1209. Regarded by Müller and Kempf as an Algol variable, having a period of 7.67 years. In H. A. **24**, Table I, magn. 6.21; in H. A. **44**, 6.12; in D, 6.05.
1211,2. Bu. 1939. Combined magn. 4.68. Difference in magnitude derived from 22 observations with double image photometer. Spectrum composite.
1213. S. M. P. 782.
1216. A. G. C. 4364 follows $0^s.4$, north 77″, magn. 8.5.
1220. Bu. 1950. The companion, B, at 9°, 9″, is magn. 7.93. Spectroscopic binary. Class B. In D, too bright for measurement.
1230. Spectrum composite.
1239. Variable. Class V. Period, $3^d.953$. Max. 3.3. Min. 4.2. Spectroscopic binary. Class A. Period, $3^d.91$.
1246. H. P. 663.
1252. Spectrum peculiar. Lines Hβ, Hγ, and Hδ narrow with bright edges.
1256. In H. P., A 37 Tauri.
1258, 9. Combined magn. 6.03. Difference in magnitude derived from 4 observations with double image photometer.
1260. Bu. 2014. Magnitudes of components, 7.07 and 7.04. Difference in magnitude derived from 24 observations with double image photometer. In P, magnitudes of components, 7.13 and 7.04. Colors b and b, respectively.
1262. See H. R. 1256.
1267. One observation, in H. A. **45**, gives the residual *09*.
1278. Proper motion, in R. A. $+0^s.014$, in Dec. −0″.18.
1290. One observation, in H. A. **45**, gives the residual 26.
1298. One observation, in H. A. **45**, gives the residual 38.
1300. One observation, in H. A. **46**, gives the residual *01*.
1305. Circumpolar Standard.
1318. One observation, in H. A. **46**, gives the residual *30*.
1321,2. Bu. 2106. Combined magn. 6.05. Difference in magnitude 0.48, as derived from 4 observations with double image photometer.
1325. Bu. 2109. B, C. Binary. Period, $180^y.03$. Semi-major axis, 4″.791. Parallax 0″.18. Proper motion, in R. A. $-0^s.148$, in Dec. −3″.44. One observation, in H. A. **46**, gives the residual 01.
1347. H. P. 740, υ 4 Eridani. In A. G. C., X Eridani. This designation has been assigned to the variable star, *022741*, since H. R. 1347 is probably not variable. Spectroscopic binary. Class A. Period short.
1353. One observation, in H. A. **45**, gives the residual 07.
1363. In H. P., d Eridani.
1374. A. G. C. 4884 follows $2^s.1$, north 35″, magn. 8.5.
1383. One observation, in H. A. **45**, gives the residual 06.
1384. S. M. P. 889.
1387, 8. Bu. 2177. Combined magn. 4.01. Difference in magnitude 0.93, as derived from 12 observations with double image photometer.
1393. H. P. 766.
1401. Circumpolar Standard.
1405. A. G. C. 4984 precedes $0^s.8$, south 5″, magn. 7.8. Inn. $4^h$ 27. Magnitudes of components, 7.45 and 7.15. Difference in magnitude derived from 12 observations with double image photometer.
1406. Bu. 2210. Magnitudes of components, 6.47 and 8.15. Difference in magnitude derived from 16 observations with double image photometer. In P, magnitudes of components, 6.61 and 8.71. Colors c and b, respectively.
1411,2. Bu. 2212. Combined magn. 3.06. Difference in magnitude 0.47, as derived from 20 observations with double image photometer.
1417. Bu. 2220. Magnitudes of components, 6.61 and 5.86. Difference in magnitude derived from 18 observations with double image photometer. In P, magnitudes of components, 7.60 and 6.18. Colors b and c, respectively.
1424. Bu. 2229. Magnitudes of components, 6.84 and 7.21. Difference in magnitude derived from 18 observations with double image photometer. In P, magnitudes of components, 7.16 and 7.92. Colors b and b, respectively.
1438. A. G. C. 5069 follows $1^s.4$, north 21″, magn. 9.5.
1449. In U.A., Eridanus, 239, magn. 5.7. Not in A. G. C. In Bonn Durchmusterung, magn. 5.8.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



1450. In U. A., Eridanus, 240, magn. 6.2. Not in A. G. C. In Bonn Durchmusterung, magn. 6.5.
1453. S. M. P. 931.
1457. Aldebaran. Parallax, 0″.11. Proper motion, in R. A. +0ˢ.005, in Dec. —0″.19. Bu. 2266. The companion, C, at 36°, 109″, is magn. 10.59.
1460. Bu. 2269. Combined with —10° 958, magn. 8.2, =A. G. C. 5148, magn. 8. Magnitudes of components, 7.66 and 6.69. Difference in magnitude derived from 12 observations with double image photometer.
1462. A. G. C. 5162 precedes 1ˢ.2, south 3″, magn. 10.
1463. Spectroscopic binary. Class B. Period short.
1464. H. P. 802.
1492. Variable. Class II. Period 345ᵈ. Max. 4.8. Min. 6.8.
1495. S. M. P. 961. One observation, in H. A. **45**, gives the residual 18.
1497. Spectroscopic binary. Class B.
1505,6. Bu. 2330. Combined magn. 5.96. Difference in magnitude derived from 16 observations with double image photometer.
1525. One observation, in H. A. **45**, gives the residual 19. In H. A. **24**, the magnitude of this star, which is M.P. 582, should be 5.99 instead of 5.09.
1542. Circumpolar Standard. Spectroscopic binary. Class B.
1552. Spectroscopic binary. Class B.
1560. One observation, in H. A. **46**, gives the residual *10*.
1563,4. Inn. 4ʰ 58. Combined magn. 5.19. Difference in magnitude 0.67, as derived from 12 observations with double image photometer.
1567. Spectroscopic binary. Class B. Period short.
1573. Hydrogen lines narrow.
1581. Called R Eridani by Gould, but variability not confirmed. See H. A. **55**, 69.
1595. One observation, in H. A. **45**, gives the residual 14.
1603. Circumpolar Standard.
1605. Spectroscopic binary. Class B. Period several years. See a discussion by Ludendorff, regarding the variability of this star. Astron. Nach. **164**, 81. He considers it an Algol variable having a period of 27.14 years, and states that the middle of the last minimum occurred on March 31, 1902, and lasted for about two years.
1607. Variable. Class II. Period, 436ᵈ.1. Hind's crimson star. In H, magn. 5.11.
1609,10. Bu. 2467. Combined magn. 6.03. Difference in magnitude derived from 22 observations with the double image photometer. According to O, the preceding component is the brighter.
1611. Called S Eridani by Gould, but variability not confirmed. See H. A., **55**, 70.
1614. Proper motion, in R. A. +0ˢ.040, in Dec. —1″.13.
1619. Bu. 2481. Combined magn. 4.96. Difference in magnitude 0.72 as derived from 26 observations with double image photometer. In P, magnitudes of components, 6.80 and 8.08. Colors b and b, respectively.
1622,3. Bu. 2480. H. R. 1623 not observed in H. P., owing to proximity of H. R. 1622.
1632. The star +27° 725 has the magn. 5.9 in the Durchmusterung, by mistake for 9.5. The observations of H. P. 893, in H. A. **14**, in B, and in D, probably relate to +27° 723, and this has been assumed.
1634. This star is C. DM. —22° 1960, magn. 6.1.
1641. In D, too bright for measurement.
1648. Variable. Class III. In H. A. **14**, magn. 6.49; in **24**, Table I, 6.74; in **24**, Table IV, 6.77; in **44**, 7.04; in P, 6.08; in B, 6.50.
1653. In W, var.?
1656. Parallax, 0″.01. Proper motion, in R. A. +0ˢ.037. in Dec. +0″.03.
1683. Circumpolar Standard.
1707. Variable. Class II. Mean period, 458ᵈ.6. Max. 6.5. Min. 13.8.
1708. Capella. Parallax, 0″.09. Proper motion, in R. A. +0ˢ.009, in Dec. —0″.43. Spectroscopic binary. Class A. Period, 104ᵈ.022. In D, too bright for measurement.
1713. Rigel. Parallax, 0″.00. Proper motion, in R. A. 0ˢ.000, in Dec. 0″.00. Bu. 2605. The companion, B, at 200°, 9″, is magn. 6.66. In D, too bright for measurement.
1715. In W, var.?
1719. In H, residual *123*.
1720. Circumpolar Standard.
1729. Parallax, 0″.11. Proper motion, in R. A. +0ˢ.045, in Dec. —0″.66.
1734. In H, residual *112*.
1746. Probably wrongly identified in Draper Catalogue.
1763. In O, for N. P. D. 91° 41′, read 81° 41′.
1765. Spectroscopic binary. Class B. Range small.
1770. Bu. 2602. Magnitudes of components, 5.14 and 7.25. Difference in magnitude derived from 30 observations with double image photometer. In P, magnitudes of components, 5.21 and 7.54. Colors b and b, respectively.
1771. S. M. P. 1132. Bu. 2695. Magnitude of components, 5.45 and 6.67. Difference in magnitude derived from 8 observations with double image photometer. A. G. C. 6178 follows 0ˢ.2, south 0″.5, magn. 7.
1787. One observation, in H. A. **46**, gives the residual *04*.
1788. Bu. 2712. A, B. Spectroscopic binary. Class B. Period, 7ᵈ.9896. Range, 285 km. One observation in H. A. **46**, gives the residual *05*.
1790. In D, too bright for measurement.
1791. $\beta$ 112 Tauri = $\gamma$ 23 Aurigae. According to Ptolemy, the star belongs to both constellations. In D, too bright for measurement.
1800. Not in U. A., nor in A. G. C. In Bonn Durchmusterung, magn. 7.3.
1802. Circumpolar Standard.
1811. Spectroscopic binary. Class B. Period short. Range greater than 260 km.
1818. A. G. C. 6310 precedes 4ˢ.0, north 10″, magn. 7.2. =C. P. D. —54° 717, precedes 4ˢ.0, north 0′.1, magn. 7.2. Residual in h, 106. Probably the combined light was observed by h, W, and B.
1821. Bu. 2751. Magnitude of components, 6.64 and

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



5.87. Difference in magnitude derived from 12 observations with double image photometers.

1825. Bu. 2757. In D, combined with +39° 1321, magn. 7.7, which precedes $5^s.8$, in same declination.

1841. Nova Aurigae, 1892. Class I. Max. 4.5. The spectrum of this object resembled that of other new stars, the marked peculiarity being that the dark hydrogen lines had accompanying bright lines on the edge of greater wave length.

1843. Spectroscopic binary. Class B.

1847. Bu. 2789. Magnitudes of components, 6.07 and 6.44. Difference in magnitude derived from 14 observations with double image photometer. In P, magnitudes of components, 6.64 and 6.98. Colors b and b, respectively.

1851,2. Bu. 2796. A, C. Combined magn. 2.46. Difference in magnitude derived from 42 observations with double image photometer. Spectroscopic binary. Class B. Period, $5^d.7333$. In D, too bright for measurement.

1862. H. P. 1011.

1863. Not in U. A., nor in A. G. C. In Bonn Durchmusterung, magn. 7.5.

1870. In H. A. **44**, magn. 4.90, rejected, since it depends on two observations on a single night, at Cambridge, where the star culminates within 2° of the horizon.

1879,80. Bu. 2821. Combined magn. 3.49. Difference in magnitude derived from 18 observations with double image photometer.

1886,7. Bu. 2833. Combined magn. 4.28.

1888. S. M. P. 1189.

1893–6. Bu. 2837. The quadruple star, $\theta^1$ Orionis, in the Nebula in Orion. Spectroscopic binary. Class B. Range, 60 km. Combined magn. 4.85. Difference in magnitude of components derived from the discussion given in H. A. **11**, 171.

1897. Bu. 2839. Spectroscopic binary. Class B. Range, 140 km. Magnitudes of components, 5.44 and 6.80, derived from 28 observations with double image photometer.

1899. Bu. 2843. Spectroscopic binary. Class B. Magnitudes of components, 2.89 and 7.33. Difference in magnitude derived from 24 observations with double image photometer. One observation, in H. A. **46**, gives the residual 21. In D, too bright for measurement.

1909. J. Herschel identifies the star observed by him as B. A. C. 1773, which follows $0^m.2$, south 11′, and is about a magnitude fainter.

1910. Spectroscopic binary. Class B. Period long.

1916. Circumpolar Standard.

1922. Spectroscopic binary. Class B.

1925. Parallax, 0″.13. Proper motion, in R. A. $+0^s.001$, in Dec. −0″.55.

1931. Bu. 2883. Magnitudes of components AB, 3.94; C, 9.28; D, 6.82; E, 6.67. Difference in magnitude of AB, and C, D, and E, derived from 10, 26, and 22 observations, respectively, with double image photometer. Spectroscopic binary. Class B. Period, short. Range, 21 km.

1932. A. G. C. 6560 follows $1^s.6$, north 20″, magn. 8.5.

1945. Bu. 2887. Magnitudes of components, 6.75 and 7.43. Difference in magnitude derived from 24 observations with double image photometer. In P, magnitudes of components, 6.73 and 7.38. Colors a and a, respectively.

1948, 9. Bu. 2902. A, B. Combined magn. 1.91. Differnce in magnitude derived from 11 observations with double image photometer. The companion at 7°,60″, is magn. 9.79. In D, too bright for measurement.

1956. H. P. 1048. Spectrum B 5, in which the line H$\beta$ appears as a narrow bright line superposed on a broad dark line.

1963. The lines H$\gamma$ and H$\delta$ are bright in the spectrum of this star.

1969. 26 Camelopardi.

1977. Variable. Class III. In H. A. **24**, Table IV, magn. 7.32.

1982,3. Bu. 2948. Combined in U. A., H. R. 1982, not in A. G. C. Combined magn. 3.71. Difference in magnitude 2.40, as derived from 16 observations with double image photometer.

1986. A. G. C. 6752, follows $0^s.5$, south 0″, magn. 10.

1992. 29 Camelopardi.

2004. In D, too bright for measurement.

2005. Hydrogen lines narrow.

2022. Proper motion, in R. A. $+0^s.087$, in Dec. +1″.09.

2029. 30 Aurigae = 32 Camelopardi.

2040. H. P. 1088. A. G. C. 6897 follows $4^s.3$, south, 72″, magn. 9.5.

2061. Parallax, 0″.02. Proper motion, in R. A. $+0^s.002$, in Dec. +0″.01. Probably a variable of Class III. In D, too bright for measurement.

2063. Variable. Class II. Period $375^d$. Max. 5.5. Min. 10.5.

2067. Parallax, 0″.05. Proper motion, in R. A. $+0^s.032$, in Dec. —0″.50.

2073. In W, identification doubtful.

2079. 34 Camelopardi.

2088. $\beta$ Aurigae. Spectroscopic binary. Class A. Period, $3^d.9597$. As the period of this star is a little less than four days, the lines in its spectrum are alternately single and double on successive days. Proper motion, in R. A. —$0^s.004$, in Dec. —0″.01.

2106. H. P. 1110.

2116. 141 Tauri.

2123. 35 Camelopardi.

2142. Spectrum B 2, having also, H$\beta$ and several other lines bright.

2156. Variable. Class III. Max. 6.5. Min. 7.5.

2157,8. Inn. $6^h 3$. Combined magn. 5.25. S. M. P. 1363= A. G. C. 7277, precedes H. R. 2158, $0^s.4$ south 2″, magn. 9.2.

2159. Spectroscopic binary. Class B.

2164. S. M. P. 1370.

2166. See H. A. **14**, 293, 411.

2174. Bu. 3185. Magnitudes of components, 5.91 and 7.05. Difference in magnitude derived from 18 obser-

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



vations with double image photometer. One observation in H. A. **45**, gives the residual *05*.

2175,6. Bu. 3181. Combined magn. 5.64. Difference in magnitude derived from 16 observations with double image photometer.

2187. In h, residual *147*.

2194. In W, residual *113*.

2199. Spectroscopic binary. Class B. Range, 22 km.

2209. Circumpolar Standard.

2215. Circumpolar Standard.

2216. Spectroscopic binary. Class B. Period long. Variable. Class III. Period, $231^d.4$. Max. 3.2. Min. 4.2. In H. A. **14**, magn. 3.46; in H, 3.48; in O, 3.65; in B, 3.50; in D, 5.01.

2217. Bu. 3238. Magnitudes of components, 7.48 and 6.93. Difference in magnitude derived from 14 observations with double image photometer. In P, magnitudes of components, 7.76 and 7.18. Colors b and b, respectively.

2228. Combined with H. R. 2239, magn. 5.72. In B, combined magn. 5.60.

2239. See H. R. 2228.

2240. Hydrogen lines narrow.

2251. Probably wrongly identified in Draper Catalogue.

2281. In W, magn. 5.9, var.

2282. H. P. 1195.

2294. In D, too bright for measurement.

2296. H. P. 1203. 3 Canis Majoris. Spectroscopic binary. Class B. Period long.

2298,9. Bu. 3349. Combined magn. 4.33. Difference in magnitude derived from 26 observations with double image photometer.

2301. Not in U. A., nor in A. G. C. In Bonn Durchmusterung, magn. 6.3.

2302. Near border of Gemini.

2303. Spectrum probably composite.

2310. Variable. Class IV. Period, $27^d.012$. Max. 5.76. Min. 6.81.

2316. Inn. $6^h$ 27. A. G. C. 7800 precedes $0^s.9$, south 3″, magn. 10. A. G. C. 7803 follows $5^s.2$, north 27″, magn. 7.0. Combined light measured in H. A. **34**, magn. 5.57.

2326. Canopus. Magn. —0.86. Next to *α* Canis Majoris, H. R. 2491, the brightest star in the sky. Parallax, 0″.00. Proper motion, in R. A. $+0^s.002$, in Dec. +0″.01.

2328. A. G. C. 7825 precedes $1^s.3$, north 9″, magn. 10.

2332. RT Aurigae. Variable. Class IV. Period, $3^d.75$. Max. 5.0. Min. 5.6. The residuals are taken from the mean photometric magnitude, 5.42.

2335. 78 Orionis.

2356,7,8. Bu. 3402. A, B, and C. Combined magn., 3.94. Difference in magnitude of A and B derived from 12, and of B and C from 11 observations with double image photometer. Spectrum B 3, having also H*β* and other lines bright.

2361. H. P. 1222.

2365. Circumpolar Standard.

2383. Inn. $6^h$ 36. Combined with A. G. C. 7990, which precedes $0^s.9$, north 10″, magn. 8.5. Magnitudes of components, 8.40 and 5.39. Difference in magnitude derived from 28 observations with double image photometer.

2397. H. P. 1241. A. G. C. 8016 precedes $1^s.9$, south 6″, magn. 8.2.

2401. Parallax, 0″.03. Proper motion, in R. A. $-0^s.025$, in Dec. —0″.66.

2415. H. P. 1243.

2421. Spectroscopic binary. Class B. Period long. In D, too bright for measurement.

2423. In h, residual *101*.

2424. A.G.C. 8091 precedes $1^s.3$, north 12″ magn. 10.5.

2433. A. G. C. 8107 precedes $0^s.3$, north 7″, magn. 9.2.

2446. In B, residual *100*.

2456. Variability not confirmed. See H. A. **55**, 70. Mean magnitude, 4.59, derived from 68 observations in H. A. **46**. Spectroscopic binary. Class B. Range, 25 km.

2460. H. P. 1259.

2462. A. G. C. 8225 precedes $0^s.9$, north 11″, magn. 7.8.

2472. Nova Geminorum, 1903. See H. C. 70.

2475. A. G. C. 8283 follows $1^s.1$, south 5″, magn. 9.5.

2481. A. G. C. 8295 follows $0^s.8$, south 15″, magn. 8.8.

2482. A. G. C. 8303 precedes $0^s.8$, north 1″, magn. 8.

2483. Parallax, 0″.11. Proper motion, in R. A. $+0^s.002$, in Dec. +0″.16.

2485,6. Bu. 3587. Combined magn. 5.55. Difference in magnitude derived from 12 observations with double image photometer. In H. A. **24**, Table I, the object observed for +55° 1122 was +55° 1097. Therefore, in H. A. **24**, 119, for 1122, $36^m.1$, 51′, 6.0, read 1097, $25^m.6$,28′, 7.0, and add the observations to those in the third line above.

2490. Circumpolar Standard.

2491. Sirius. The brightest star in the sky. Magn. —1.58. Bu. 3596. Binary. Period, $48^y.84$. Semi-major axis, 7″.594. Spectroscopic binary. Class B. Parallax, 0″.37. Proper motion, in R. A. $-0^s.037$, in Dec. —1″.21. Magnitude of companion, 8.44, derived from 13 observations with double image photometer. In H, too bright for comparison with any other star. In D, too bright for measurement.

2492. H. P. 1276.

2496. N. G. C. 2281. In H. A. **44**, too scattered for measurement with 4-inch meridian photometer.

2508. Probably wrongly identified in Draper Catalogue.

2510. One observation, in H. A. **45**, gives the residual *01*.

2538. H. P. 1300. Spectrum B 2, having also H*β* and other lines bright.

2539. One observation, in H. A. **45**, gives the residual *05*.

2541. See H. R. 2547.

2545. A. G. C. 8532 follows $3^s.0$, north 18″, magn. 7.7.

2547. In Uranometria Nova, combined with H. R. 2541, and designation $\psi^8$ applied to both. Combined photometric magn. 5.52. Combined in B, residual *21*.

2572. One observation, in H. A. **46**, gives the residual 27.

2574. One observation, in H. A. **46**, gives the residual *18*.

2580. One observation, in H. A. **46**, gives the residual *32*.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



2583. The brightest star of the Fifth Type, sub-class b.
2585. 16 Lyncis.
2593. One observation, in H. A. **46**, gives the residual *14*. Spectrum of faint component, probably of Class A.
2595. One observation, in H. A. **46**, gives the residual 25.
2609. 51 H Cephei. Proper motion, in R. A. $+0^s.057$, in Dec. $-0''.04$.
2616. S. M. P. 1690.
2618. In D, too bright for measurement.
2627. Hydrogen lines narrow.
2640. S. M. P. 1907. Z. C. $6^h$ 2901 follows $8^s.9$, south $49''$, magn. 9.5. Magnitudes of components, 5.83 and 9.56. Difference in magnitude derived from 8 observations with double image photometer.
2643. Parallax, $0''.09$. Proper motion, in R. A. $+0^s.013$, in Dec. $-0''.80$.
2650. Variable. Class IV. Period, $10^d.154$. Max. 3.72. Min. 4.28. In H. A. **14**, magn. 4.00; in H, 4.20; in O, 4.01; in B, 4.10; in D, 4.90. Spectroscopic binary. Class B. Period, $10^d.154$. Subordinate period, $3^d.38$, double amplitude, 4.5 km.
2667,8. Combined magn. 5.47. Difference in magnitude derived from 12 observations with double image photometer.
2677. A. G. C. 8960 precedes $2^s.9$, north $10''$, magn. 8. A. G. C. 8962 follows $0^s.1$, south $5''$, magn. 7.8.
2690. Spectrum B 3, having also H$\beta$ bright.
2692. Parallax, $0''.10$. Proper motion, in R. A. $-0^s.011$, in Dec. $-0''.50$.
2715. Circumpolar Standard.
2718. In H, residual *146*.
2733. A. G. C. 9163 precedes $1^s.3$, south $8''$, magn. 9.
2735,6. Inn. $7^h$ 16. Combined magn. 3.70. Difference in magnitude derived from 52 observations with double image photometer.
2745. Spectrum B5, having also H$\beta$ and H$\gamma$, sometimes bright, and variable.
2748. Variable. Class II. Period, $140^d.15$. Max. 3.4. Min. 6.2. In H. A. **34**, magn. 4.59; in H. A. **46**, 4.29; in h, 4.32; in B, 5.10; in D, 6.9.
2749. Spectrum B3, having also H$\beta$ and other lines bright.
2764. A. G. C. 7250 follows $1^s.8$, north $12''$. The magnitudes of the two stars are 5.2 and 7 in the A. G. C., and 7.6 and 7.5 in the C. P. D.
2768. A. G. C. 9265 precedes $0^s.2$, south $38''$, magn. 8.
2772. 47 Camelopardi.
2773. In C. P. D., magn. 6.3. A. G. C. 9286 precedes $3^s.0$, north $0''$, magn. 8.2.
2782. S. M. P. 1855. A. G. C. 9314 follows $0^s.6$, south $0''$, magn. 9.2. One observation, in H. A. **46**, gives the residual 28.
2783,4. Bu. 3973. Combined magn. 5.22. Difference in magnitude derived from 22 observations with double image photometer.
2785. One observation, in H. A., **24**, Table IV, gives the residual, 12.
2787. Spectrum B3, having also H$\beta$ and other lines bright.
2788. Variable. Class V. Period, $1^d.636$. Magn., before Min., 5.79; after Min., 5.68; at Min., 6.38. See H. A. **46**, 186.
2790. A. G. C. 9336 precedes $5^s.9$, south $97''$, magn. 9.5. A. G. C. 9337 precedes $5^s.7$, south $92''$, magn. 9.2.
2796. U. A., Canis Major, 156, magn. 6.2. Not in A. G. C. Probably wrongly identified in the Draper Catalogue.
2813,4. Inn. $7^h$ 32. Combined magn. 5.88. Difference in magnitude derived from 28 observations with double image photometer.
2819. H. P. 1396. $\upsilon$ Argus.
2822. The magnitude of this star is derived from H. A. **46**, 67.
2825. In U. A., Canis Major, 165, magn. 6.0. Not in A. G. C. One observation, in H. A. **45**, gives the residual *21*.
2826. Puppis in A. G. C. Canis Major in U.A., and according to boundaries of constellation given in that work.
2830. Circumpolar Standard.
2831. In U. A., Canis Major, 168, magn. 6.8. Not in A. G. C.
2842,3. Inn. $7^h$ 41. Combined magn. 6.28. Difference in magnitude derived from 20 observations with double image photometer.
2850. Spectroscopic binary. Class B.
2853. Puppis in A. G. C. Canis Major in U. A., and according to boundaries of constellation given in that work.
2854. Spectroscopic binary. Class B. Period long.
2859. A. G. C. 9560 precedes $1^s.0$, north $13''$, magn. 8.5.
2870,1. Combined magn. 6.06. Difference in magnitude derived from 24 observations with double image photometer.
2874. S. M. P. 1943.
2878. Spectroscopic binary. Class B.
2881. H. P. 1420.
2890,1. Castor. Bu. 4122. A, B. Proper motion, in R. A. $-0^s.014$, in Dec. $-0''.08$. Combined magn. 1.58. Difference in magnitude derived from 42 observations with double image photometer. The companion at 162°, $73''$ is magn. 9.03. Spectroscopic binary. Class B. Period, $347^y$. H. R. 2890. Class B. Period, $2^d.92835$. H. R. 2891. Class B. Period, $9^d.21883$.
2897. Hydrogen lines narrow.
2909,10. Bu. 4147. Combined magn. 5.18. Difference in magnitude derived from 8 observations with double image photometer.
2921. A. G. C. 9781 follows $0^s.7$, north $18''$, magn. 9.5.
2923. Not in U. A., nor in A. G. C. In Bonn Durchmusterung, magn. 6.7.
2943. Procyon. Parallax, $0''.03$. Proper motion, in R. A. $-0^s.047$, in Dec. $-1''.04$. In D, too bright for measurement.
2944. S. M. P. 2006. Z. C. $7^h$ 2334 precedes $11^s.6$, south $26''$, magn. 9.0. Hydrogen lines narrow.
2948,9. Bu. 4197. A, B. Combined magn. 3.81. Differ-

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



ence in magnitude derived from 22 observations with double image photometer.

2963,4. Inn. $7^h$ 62. Combined magn. 5.01. In B, magn. 6.00.

2969. 50 Camelopardi.

2973. Spectroscopic binary. Class B. Period short.

2974. Called variable by Gould. Variability not confirmed by later observers. See H. A. **55**, 70.

2979, 80. Inn. $7^h$ 65. Combined magn. 6.46. Difference in magnitude derived from estimates given by Innes, 6.8 and 6.9. Too close to measure photometrically.

2990. Pollux. Parallax, 0″.06. Proper motion, in R. A. $-0^s.047$ in Dec. —0″.06. In D, too bright for measurement.

2993. 1 Argus in H. P.

2996. $\tau$, 3 Argus in H. P.

2997. Parallax, —0″.01. Proper motion, in R. A. $-0^s.200$, in Dec. +0″.02.

3009,10. 2 Argus. Combined magn. 5.62. Difference in magnitude derived from 16 observations with double image photometer.

3015. 4 Argus in H. P.

3016,7. Combined magn. 3.64.

3018. Proper motion, in R. A. $-0^s.021$, in Dec. +1″.67.

3024. A. G. C. 10204 follows $3^s.1$, south 7″, magn. 9.5.

3026,7. Combined magn. 5.99. Difference in magnitude derived from 12 observations with double image photometer.

3029. 5 Argus in H. P. A. G. C. 10164 follows $0^s.1$, north 4″, magn. 8.5.

3034. Spectrum B2, having also H$\beta$ and other lines bright.

3044. 6 Argus in H. P.

3045. 7 Argus in H. P.

3063. 8 Argus.

3064. Bu. 4310. Binary. Period, $23^y.3$. Semi-major axis, 0″.61. 9 Argus in H. P.

3065,6. Combined magn. 5.23.

3073. 10 Argus in H. P.

3075. Circumpolar Standard.

3080. Spectroscopic binary. Class B.

3083. One observation, in H. A. **45**, gives the residual 05.

3102. 11 Argus in H. P.

3112. Circumpolar Standard.

3113. H. P. 1496, $\chi$ Argus.

3114. A. G. C. 10492 follows $10^s.2$, north 64″, magn. 7.2.

3123. 12 Argus in H. P.

3129. Spectroscopic binary. Class A. Period, $1^d.454$. Relative velocity, 610 km. Variable. Class V. Period, $1^d.454$. Max. 4.1. Min. 4.8.

3142,3. Combined magn. 5,78. Difference in magnitude derived from 22 observations with double image photometer.

3145. 13 Argus.

3149. 6 Cancri.

3162. A. G. C. 10667 precedes $0^s.6$, north 29″, magn. 8.8.

3165. $\zeta$ Puppis. The star from which the secondary series of hydrogen was discovered. See H. C. 12, 16, 18, 32, and 35.

3168. 14 Argus.

3174. A. G. C. 10716 precedes $1^s.0$, north 25″, magn. 8.

3177. C. P. D. —33° 1949, magn. 8.2. C. P. D. —33° 1950, magn. 8.3., follows $1^s.5$, north 0′.0. Combined light measured. In the Cordoba Zone Catalogue, the second star follows $4^s.37$, south 0″.1. The magnitudes are 6.5 and 9.5. Magnitudes according to Innes, 6.5 and 9.5. Photographs with the 24-inch Bruce Telescope agree in position with the micrometric measures of Innes and the C. P. D. The magnitudes are nearly equal, but appear to vary slightly on different plates. The spectrum of the fainter component is probably between Classes A and F.

3182. 55 Camelopardi. Circumpolar Standard.

3185. $\iota$, 15 Argus in H. P. Spectroscopic binary. Class B. Period long.

3192. 16 Argus.

3196. Z. C. $8^h$ 316 follows $6^s.2$, south 14″, magn. 9.5.

3202. 18 Argus.

3206,7. $\gamma$ Velorum. Combined magn. 1.85. Observed at Cambridge in H. A., **44** and **45**, with magn. 2.37 and 2.69. These measures are not included in the mean, owing to the low altitude. The spectrum of this star is very peculiar. It is the brightest star of the fifth type. See H. A. **28**, 243.

3208,9,10. Bu. 4477. A and B, Binary. Period, $59^y.11$. Semi-major axis, 0″.858. Combined magn. 4.71. The three components of this star are physically connected. Their magnitudes, as given by Burnham, are 5.0, 5.7, and 5.5. The first and second are too close to be measured separately with the double image photometer. The difference in magnitude between their combined light and that of the third component is 0.92, as derived from 24 observations with double image photometer.

3211. 19 Argus. In U. A., Puppis, 263, magn. 5.2. Not in A. G. C.

3215. 15 Cancri.

3219. Hydrogen lines narrow in spectrum of this star.

3223. A. G. C. 10924 follows $0^s.5$, north 7″, magn. 8.

3229. 20 Argus.

3230. One observation, in H. A. **45**, gives the residual 14.

3237. Spectrum B3, having also H$\beta$ and other lines bright.

3240,1. Combined magn. 4.70. Difference in magnitude 1.00, as derived from 20 observations with double image photometer.

3244. A. G. C. 10985 precedes $1^s.1$, north 33″, magn. 7.8.

3245. 57 Camelopardi.

3248. Variable. Class II. Period, $362^d$. Max. 6.0. Min. 11.3.

3254. 30 Lyncis = 58 Camelopardi.

3257. 21 Argus.

3259. Proper motion, in R. A. $+0^s.017$, in Dec. —0″.99.

3260. A. G. C. 11099 follows $0^s.5$, north 2″, magn. 8.5.

3289. 22 Argus.

3296. The observations in H. A. **46**, 19, relate to C.DM. —39° 4274, magn. 7.7.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



3297. One observation, in H. A. **45**, and one in H. A. **46**, give the residuals *57* and 12, respectively.
3302. A. G. C. 11298 follows $3^s.9$, north 34″, magn. 8.
3307. Spectrum composite.
3308. One observation, in H. A. **46**, gives the residual 07.
3310,1. Bu. 4601. Combined magn. 5.56. Difference in magnitude derived from 8 observations with double image photometer.
3312,3. Bu. 4602. Combined magn. 6.58. Difference in magnitude derived from 8 observations with double image photometer.
3314. 30 Monocerotis.
3315. A. G. C. 11278 follows $3^s.0$, north 3″, magn. 8.2. One observation, in H. A. **46**, gives the residual *21*.
3323. Circumpolar Standard.
3324. One observation, in H. A. **46**, gives the residual 41.
3327,8. Inn. $8^h$ 42. Combined magn. 6.19. Difference in magnitude derived from 12 observations with double image photometer.
3330. A. G. C. 11337 precedes $1^s.8$, south 18″, magn. 9.8.
3358. A. G. C. 11423 precedes $0^s.4$, south 1″, magn. 8.5. A. G. C. 11426 follows $1^s.2$, north 16″, magn. 9.5.
3359. A. G. C. 11428 precedes $0^s.1$, north 6″, magn. 8. Magnitudes of components, 6.66 and 5.22. Difference in magnitude derived from 4 observations with double image photometer.
3364. Inn. $8^h$ 45. A. G. C. 11437 precedes $5^s.7$, north 5″, magn. 8.8. The magnitudes of the two stars in the C. P. D. are 8.3 and 8.8; in the A. G. C., 8.8 and 7.0.
3367. One observation, in H. A. **46**, gives the residual 10.
3377. One observation, in H. A. **45**, gives the residual *24*.
3384. Proper motion, in R. A. $-0^s.088$, in Dec. +0″.69.
3395,6. Bu. 4677. Combined magn. 5.71. Difference in magnitude derived from 22 observations with double image photometer.
3398. One observation, in H. A. **46**, gives the residual 23.
3402. In H. A. **24**, 218, for magn. 7.90, read 5.90.
3403. Circumpolar Standard.
3409. 1 Leonis Minoris.
3423. 4 Leonis Minoris.
3425. A. G. C. 11647 follows $0^s.4$, south 2″, magn. 9.5.
3427. In D, combined with +20° 2159, magn. 7.3, resulting magnitude, 6.49.
3428. Bu. 4715. Spectrum probably composite.
3429. The brightest star in the cluster, Praesepe. In H. A. **14**, cum.; in H. A. **44**, too scattered for measurement; in B, 4.70.
3441. One observation, in H. A. **45**, gives the residual 03.
3442. A. G. C. 11753 follows $0^s.9$, north 15″, magn. 9.5.
3443. A. G. C. 11757 precedes $0^s.3$, south 1″, magn. 8.
3452. One observation, in H. A. **44**, gives the residual *77*. Discordance probably due to low altitude.
3454. Spectroscopic binary. Class B. Period short.
3459. 31 Monocerotis.
3466. A. G. C. 11811 precedes $6^s.7$, south 3″, magn. 9.
3468. H. P. 1604.
3472. A. G. C. 11823 precedes $0^s.4$, south 0″, magn. 8.8.
3474,5. Bu. 4763. Combined magn. 4.09. Difference in magnitude derived from 34 observations with double image photometer.
3482. Bu. 4771. A, B. Binary. Period, $15^y.70$. Semi-major axis, 0″.24. Spectroscopic binary. Class B. Period, $15^y.7$. Magnitudes of components, 6.77 and 3.53. Difference in magnitude derived from 10 observations with double image photometer.
3483. S. M. P. 2620.
3489. A. G. C. 11910 precedes $0^s.6$, north 1″, magn. 7.5.
3496. In H. A. **44**, magnitude 4.16. Observations discordant, owing to low altitude. The identification, also, is uncertain.
3499. 5 Leonis Minoris.
3508. An error was made in the numbering of the stars in Lynx, by Miss Carolina Herschel; see Baily's note in B. F., p. 562. In W. Herschel's Catalogues of the brightness of the stars, the numbers in Lynx from 36 to 45, inclusive, should each be diminished by one.
3515. The cluster N. G. C. 2682. Messier 67. In H. A. **44**, too diffuse for measurement.
3522. Parallax, 0″.06. Proper motion, in R. A. $-0^s.037$, in Dec. −0″.24.
3534. In A. G. C., called R Pyxidis, but variability not confirmed, and this designation has been applied to the star in R. A. $8^h\ 41^m.3$, Dec. −27° 50′ (1900). Observed, but not printed in H. A. **46**.
3541. Variable. Class III. Max. 6. Min. 8. In H. A. **24**, Table IV, magn. 6.54; in P, 6.38; in D, 6.25.
3552,3. Bu. 4859. Combined magn. 6.03. Difference in magnitude derived from 8 measures with double image photometer.
3569. Parallax, 0″.03. Proper motion, in R. A. $-0^s.044$, in Dec. −0″.25.
3576. Circumpolar Standard.
3579. Parallax, 0″.20. Proper motion, in R. A. $-0^s.039$, in Dec. −0″.26. Newcomb. Parallax, 0″.08. Proper motion, in R. A. $-0^s.040$, in Dec. −0″.26. Yale.
3582. A. G. C. 12224 follows $5^s.0$, north 11″, magn. 7.2. Magnitudes of components, 5.29 and 6.96. Difference in magnitude derived from 4 observations with double image photometer.
3591. Spectroscopic binary. Class B. Period, $35^d.523$.
3607. S. M. P. 2753.
3615. Spectroscopic binary. Class A.
3617. Bu. 4929. A, B. In P, magns. 7.74 and 7.26. Colors a and b, respectively.
3623. Spectroscopic binary. Class A.
3624. Circumpolar Standard. Bu. 4930. Spectrum composite.
3639. Variable. Class III. Max. 5.4. Min. 6.6. The residuals are taken from the mean magnitude, 6.14.
3642. Spectrum B3, having also H$\beta$ bright.
3644. Z. C. $9^h$ 394 follows $0^s.7$, south 17″, magn. 9.5.
3648. Circumpolar Standard.
3650. Parallax, −0″.02. Proper motion, in R. A. $-0^s.038$, in Dec. +0″.25.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



3664. 19 Ursae Majoris.
3671. The nebula, N. G. C. 2808. In W, magn. 6.0, neb.; in D.C., neb. Spectrum continuous?
3690. Bu. 5014. Magnitudes of components, 5.85 and 4.00. Difference in magnitude derived from 12 observations with double image photometer.
3697. 37 Lyncis.
3715. A. G. C. 12713 follows $0^s.3$, north 1″, magn. 8.5.
3723. 6 Leonis Minoris.
3733. One observation, in H. A. **46**, gives the residual 06.
3738. One observation, in H. A. **46**, gives the residual 04.
3743. 41 Lyncis.
3745. In H. A. **24**, 220, for magn. 6.96, read 5.97.
3748. One observation, in H. A. **46**, gives the residual 17.
3754. Bu. 5107. Binary. Period, $116^y.20$. Semi-major axis, 0″.882.
3757. Circumpolar Standard.
3768. Circumpolar Standard.
3770. In H. A. **24**, for magn. 4.67, read 5.67. One observation, in H. A. **45**, gives the residual *01*.
3771. Parallax, 0″.04. Proper motion, in R. A. $-0^s.012$, in Dec. +0″.08.
3775. Parallax, 0″.07. Proper motion, in R. A. $-0^s.103$, in Dec. −0″.54.
3780,1. Inn. $9^h$ 39. Combined magn. 5.94. Difference in magnitude derived from 39 observations with double image photometer. One observation, in H. A. **45**, gives the residual *34*. The numbers in column H. P., and also those in A. G. C., of Table I, should be reversed.
3798. Variable. Class IV. Period, $0^d.324$. Max. 6.33. Min. 6.78. In H. A. **14**, magn. 6.47; in **24**, Table IV, 6.40; in B, 6.44; in D, 6.8.
3806. Bu. 5136. In P, magnitudes of components, 7.30 and 7.37. Colors b and b, respectively.
3811. Bu. 5145. In P, magnitudes of components, 6.94 and 8.28. Colors b and a, respectively.
3812. A. G. C. 13041 precedes $2^s.1$, south 50″, magn. 9.
3815. Parallax, −0″.02. Proper motion, in R. A. $-0^s.059$, in Dec. −0″.27.
3816. Variable. Class II. Period, $309^d.3$. Max. 4.5. Min. 10.0. In H. A. **34**, magn. 5.36; in h, 4.72.
3827. 1 Sextantis = 10 Leonis.
3830. S. M. P. 3026.
3841. In W, residual *108*.
3845. One observation, in H. A. **46**, gives the residual *23*.
3849. One observation, in H. A. **46**, gives the residual 41.
3852. Bu. 5175. Spectrum composite. Spectroscopic binary. Class B. Period, $14^d.5$.
3858. One observation, in H. A. **46**, gives the residual 31.
3862. One observation, in H. A. **46**, gives the residual 14.
3865. According to Herschel, 28 Ursae Majoris "Does not exist."
3870. 44 Lyncis.
3881. 15 Leonis Minoris.
3882. Variable. Class II. Period, $312^d.8$. Max. 4.6. Min. 10.5. In B, magn. 6.70.
3884. Spectroscopic binary. Class B. Variable. Class IV. Period, $35^d.523$. Max. 3.6. Min. 5.0. In H. A. **34**, magn. 3.87; in **46**, 3.91; in h, 3.83; in B, 3.93; in D, 5.8.
3888. Circumpolar Standard.
3890,1. Inn. $9^h$ 66. Combined magn. 3.08. Difference in magnitude derived from 8 observations with double image photometer.
3895. U. A., Vela, 159, magn. 6.7. Not in A. G. C.
3898. Z. C. $9^h$ 3504 follows $4^s.5$, north 46″, magn. 9.
3903. One observation, in H. A. **46**, gives the residual *21*.
3912. One observation, in H. A. **45**, gives the residual *06*.
3925. Inn. $9^h$ 71. A. G. C. 13517 precedes $0^s.5$, south 3″, magn. 8.2. Magnitudes of components, 8.02 and 5.89. Difference in magnitude derived from 8 observations with double image photometer.
3926. 10 Sextantis.
3938. 11 Sextantis.
3951. Parallax, 0″.06. Proper motion, in R. A. $-0^s.042$, in Dec. −0″.44.
3962. S. M. P. 3185.
3963. A. G. C. 13721 precedes $1^s.5$, north 2″, magn. 7.2.
3978. Called R Velorum by Gould, but variability not confirmed. See H. A. **50**, 70.
3982. Regulus. Parallax, 0″.02. Proper motion, in R. A. $-0^s.017$, in Dec. 0″.00. Bu. 5331. The companion at 307°, 177″, is magn. 7.64. In D, too bright for measurement.
3989. One observation, in H. A. **45**, gives the residual **01**.
3996. One observation, in H. A. **45**, gives the residual *02*.
3997. In h, residual *203*.
3999. Variable. Class II. Period, $148^d.7$. Max. 5.8. Min. 9.0. In D, magn. 8.4.
4008. Variable. Class III. Photographic Max. 7.0. Min. 8.3. In H. A. **14**, magn. 6.19; in **24**, Table I, 6.46; in **44**, 6.37; in **45**, 6.37; in O, 5.98; in B, 8.10; in D, 6.77.
4009 Hydrogen lines narrow.
4021. Bu. 5356. Magnitudes of components, 6.58 and 7.20. Difference in magnitude derived from 16 observations with double image photometer. In P, magnitudes of components, 6.91 and 7.58. Colors b and b, respectively.
4026. Circumpolar Standard. According to Herschel "32.38." See H. R. 4178.
4030,1. Bu. 5368. Combined magn. 3.52. Difference in magnitude 2.05, as derived from 10 observations with double image photometer.
4039. Parallax, 0″.08. Proper motion, in R. A. $-0^s.032$, in Dec. −0″.10.
4057,8. Bu. 5388. Spectroscopic binary. Class B. Period, $402^y.62$. Combined magn. 2.30. Difference in magnitude derived from 10 observations with double image photometer. The companion at 291°, 252″, is magn. 9.99. The companion at 302°, 333″, is magn. 10.89.
4069. Parallax, 0″.04. Proper motion, in R. A. $-0^s.008$, in Dec. +0″.03.
4072. Circumpolar Standard.
4074. Spectrum B5, having also H$\beta$ and H$\gamma$ bright,

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



and sometimes variable. A. G. C. 14143 precedes $1^s.6$, south 35″, magn. 9. A. G. C. 14144 precedes $0^s.8$, north, 1′, magn. 9.

4092. One observation, in H. A. **45**, gives the residual 07.

4098. Parallax, 0″.10. Proper motion, in R. A. $+0^s.011$, in Dec. —0″.89.

4104. In W, magn. 3.85, var.?

4106. According to Herschel, 35 Ursae Majoris "Does not exist."

4116. This star is also —2°3155, magn. 6.0.

4117. One observation, in H. A. **46**, gives the residual 33.

4118. H. P. 1849. Bu. 5453. In W, magn. 5.15, var.? A. G. C. 14318 precedes $0^s.6$, south 7″, magn. 9.5. Magnitude 9.48 derived from 10 observations with double image photometer.

4120. Williams derived the magnitude 6.15 for a star in this vicinity, and identified it with A. G. C. 14343, which follows $0^m.2$, south 1°0′, magn. 7.2.

4123. One observation, in H. A. **46**, gives the residual, *09*.

4134. A. G. C. 14370 follows $2^s.4$, north 10″, magn. 8.5.

4135,6. Inn. $10^h$ 48. Combined magn. 5.60. Difference in magnitude derived from 24 observations with double image photometer.

4140. Spectrum B5, having also H$\beta$ and H$\gamma$ bright.

4143. A. G. C. 14398 follows $1^s.1$, south 39″, magn. 9.

4156. 1 Crateris.

4160. For Dec. —11° 4′, read —11° 14′.

4163. Variable. Class III. Max. 4.5. Min. 6.3. In H. A. **14**, magn. 5.35; in B, 5.50. In U. A., Hydra, 240, magn. 5.4, var. Not in A. G. C.

4167. Spectroscopic binary. Class A.

4171. 2 Crateris.

4177. A. G. C. 14560 follows $0^s.7$, north 15″, magn. 7.5.

4178. Not observed by Herschel, owing to errors in reduction in the British Catalogue.

4179. C. P. D. —58° 2475 follows $2^s.0$, north, 0′.1, magn. 8.6.

4180. A. G. C. 14573 follows $5^s.8$, south 13″, magn. 7.5.

4181. Circumpolar Standard.

4193. Bu. 5539. In P, magnitudes of components, 7.38 and 6.34. Colors c and b, respectively.

4210. Variable. Class III. Max. > 1. Min. 7.4. Perhaps a Nova. In H. A. **34**, magn. 6.32; in B, 6.30; in D, 8.4.

4211, 2. Combined magn. 5.66.

4214. 3 Crateris.

4218. A. G. C. 14756 follows $1^s.9$, north 63″, magn. 7.8. A. G. C. 14757 follows $2^s.0$, north 72″, magn. 8.

4232. 4 Crateris. One observation, in H. A. **46**, gives the residual 11.

4237. One observation, in H. A. **46**, gives the residual 41.

4241,2. Combined magn. 5.90.

4243. Parallax, —0″.02. Proper motion, in R. A. $-0^s.081$, in Dec. —0″.07.

4248. Spectroscopic binary. Class B.

4249. The observations of Leo No. 35, in O, have been assumed to relate this star.

4250. Spectrum A, having also hydrogen lines bright on edge of greater wave length.

4251. 6 Crateris.

4253. Announced as double by Mädler, apparently erroneously. See Bu. 4594, Part I, 112, and Part II, 572. An examination of 20 photographs, taken between April 30, 1891 and February 12, 1907, fail to show the companion recorded by Mädler.

4257. A. G. C. 14912 follows $1^s.8$, north 62″, magn. 7.6. Magnitudes of components, 3.90 and 8.03. Difference in magnitude derived from 12 observations with double image photometer.

4259, 60. Bu. 5603. Combined magn. 4.32. Difference in magnitude derived from 28 observations with double image photometer.

4271. Announced as variable, by Gould, in the Uranometria Argentina. Max. 6.7. Min. 7.0. Variability not confirmed. See H. A. **55**, 42.

4276. Variable. Class IV. Period, $38^d.740$. Max. 6.8. Min. 8.0.

4284. This star is U. A., Crater, 4, magn. 6.4. Not in A. G. C. In H. A. **46**, magn. 6.03; in D, 7.9.

4301. Circumpolar Standard.

4302. 8 Crateris.

4314. 9 Crateris.

4323. In h, residual *150*.

4326. In h, residual *108*.

4331. One observation, in H. A. **45**, gives the residual 13.

4332. 67 Leonis = 53 Leonis Minoris.

4334. 10 Crateris.

4339. H. P. 1944.

4363. Bu. 5722. In P, magnitudes of components, 8.40 and 6.88. Colors b and c, respectively.

4367. Parallax, —0″.09. Proper motion, in R. A. $-0^s.009$, in Dec. — 0″.01.

4368. One observation, in H. A. **46**, gives the residual 13.

4369. One observation, in H. A. **46**, gives the residual 36.

4374,5. Bu. 5734. Binary. Period, $60^y.0$. Semi-major axis, 2″.508. Parallax, 0″.17. Proper motion, in R. A. $-0^s.037$, in Dec. —0″.57. Combined magn. 3.86. Difference in magnitude derived from 12 observations with double image photometer. The brighter component, 4375, is a spectroscopic binary of Class B.

4382. One observation, in H. A. **46**, gives the residual *05*.

4391. Circumpolar Standard.

4395. One observation, in H. A. **46**, gives the residual 23.

4399. Bu. 5765. Magnitudes of components, 4.12 and 6.79. Difference in magnitude derived from 10 observations with double image photometer.

4401. A. G. C. 15587 precedes $0^s.5$, north 2″, magn. 7.5.

4405. One observation, in H. A. **46**, gives the residual 09.

4414. Bu. 5779. Parallax, —0″.04. Proper motion, in R. A. $-0^s.049$, in Dec. +0″.17. Magnitudes of components, 6.54 and 7.58. Difference in magnitude derived from 30 observations with double image photometer. In P, magnitudes 6.81 and 8.02. Colors c and b, respectively.

4416. One observation, in H. A. **46**, gives the residual *01*.

4423. A. G. C. 15683 follows $0^s.1$, south 13″, magn. 8.2.

4432. One observation, in H. A. **46**, gives the residual *43*.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



4434. Circumpolar Standard.
4439. Bu. 5811. Binary. Period, $66^{y}.0$. Semi-major axis, 0″.83.
4441,2. Combined magn. 4.35. Difference in magnitudes 0.31, as derived from 12 observations with double image photometer.
4443,4. 17 Crateris. Bu. 5820. Combined magn. 5.07. Difference in magnitude derived from 12 observations with double image photometer. One observation, in H. A. **46**, gives the residual 41.
4449. H. P. 1993. 18 Crateris.
4450. H. P. 1994. 19 Crateris.
4458. 20 Crateris. Parallax, 0″.03. Proper motion, in R. A. $-0^{s}.053$, in Dec. +0″.84.
4469. 22 Crateris. A. G. C. 15853 precedes $0^{s}.3$, south 1″, magn. 9.2.
4473. 23 Crateris.
4475. A star in this vicinity was observed by Sir John Herschel, with magn. 5.19. It was identified, by him, with Lacaille 4801, whose position for 1900 is in R. A. $-11^{h}\,31^{m}.1$, Dec. $-60°\,44'$. This star was not observed with the meridian photometer. It is A. G. C. 15842, magn. 7.2, and C. P. D. −60° 3090, magn. 6.8. See H. A. **41**, 235.
4486. Parallax, 0″.02. Proper motion, in R. A. $-0^{s}.060$, in Dec. +0″.03. In P, magnitudes of components, 8.86 and 6.66. Colors b and b, respectively.
4494. 25 Crateris.
4503. H. P. 2014. 26 Crateris. A. G. C. 15988 follows $3^{s}.7$, north 48″, magn. 8.2.
4504. Circumpolar Standard.
4514. One observation, in H. A. **46**, gives the residual 16.
4523. Proper motion, in R. A. $-0^{s}.133$, in Dec. +0″.39.
4527. Spectroscopic binary. Class B.
4532. One observation, in H. A. **46**, gives the residual *11*.
4534. Parallax, 0″.12. Proper motion, in R. A. $-0^{s}.036$, in Dec. −0″.10. In D, too bright for measurement.
4539. In h, residual *160*.
4540. Parallax, 0″.11. Proper motion, in R. A. $+0^{s}.048$, in Dec. −0″.26.
4544. One observation, in H. A. **46**, gives the residual 11.
4547. Not in U. A., nor in A. G. C.
4548. H. P. 2033.
4550. Groombridge 1830. Proper motion, in R. A. $+0^{s}.341$, in Dec. −5″.78. The position of this star is given incorrectly in H. A. **44**. See H. A. **45**, 319.
4552. H. P. 2035. 28 Crateris.
4558. S. M. P. 4010.
4560,1. Bu. 5962. A, C. Combined magn. 5.87. Difference in magnitude derived from 4 observations with double image photometer.
4565. 29 Crateris.
4567. One observation, in H. A. **46**, gives the residual 14.
4576. In W, magn. 4.9, var.?
4579. S. M. P. 4030.
4587. One observation, in H. A. **46**, gives the residual 02.
4590. 31 Crateris.
4606. In H. A. **14**, 243, magn. 6.44.
4610. Circumpolar Standard.
4615. Inn. $12^{h}$ 2. Magnitudes of components, 6.18 and 7.92. Difference in magnitude derived from 16 observations with double image photometer. Second component is A. G. C. 16535, which follows $1^{s}.2$, north 5″, magn. 8.5.
4621. Spectrum B 3, having also Hβ and other lines bright.
4644. In spectrum, hydrogen lines narrow. Hγ bright on both edges, Hδ bright on edge of shorter wave length.
4645. Variable. Class IV. Period, $9^{d}.657$. Max. 6.4. Min. 7.3. In H. A. **46**, magn. 6.47.
4652. Inn. $12^{h}$ 19. Magnitudes of components, 7.11 and 5.51. Difference in magnitude derived from estimates given by Innes, 5.6 and 7.2. One observation, in H. A. **45**, gives the residual 50.
4654. 1 Canum Venaticorum.
4657. Parallax, 0″.14. Proper motion, in R. A. $+0^{s}.005$, in Dec. −1″.01.
4662. Spectroscopic binary. Class B. Period short.
4670. One observation, in H. A. **46**, gives the residual 16.
4677,8. Bu. 6113. Combined magn. 6.05. Difference in magnitude derived from 14 observations with double image photometer.
4681. One observation, in H. A. **46**, gives the residual 09.
4686. In H. A. **46**, 89, 8 observations give the magn. 6.37.
4689. Spectroscopic binary. Class A. Period short.
4698. In P, magnitudes of components, 7.41, and 7.36. Colors a and a, respectively.
4707. Bu. 6148. Spectrum composite.
4711. In B, combined with H. P. 2099. Magn. 5.72.
4722. One observation, in H. A. **46**, gives the residual 08.
4727. Circumpolar Standard.
4729. In C. P. D. magn. 7.9. In A. G. C. magn. 6.8. Magnitudes perhaps affected by proximity of α Crucis.
4730,1. Inn. $12^{h}$ 41. Combined magn. 1.05. Difference in magnitude derived from 66 observations with double image photometer.
4751,2. Bu. 6180. A, B. Combined magn. 5.10. Difference in magnitude 1.36, as derived from 22 observations with double image photometer.
4763,4. Combined magn. 1.60. Difference in magnitude derived from 12 observations with double image photometer.
4765. Circumpolar Standard.
4776. One observation, in H. A. **46**, gives the residual 26.
4778. One observation, in H. A. **46**, gives the residual 32.
4785. Parallax, 0″.09. Proper motion, in R. A. $-0^{s}.065$, in Dec. +0″.29.
4786. One observation, in H. A. **34**, gives the residual 28. One observation, in H. A. **46**, gives the residual 12.
4787. Spectrum B5, having also Hβ and other lines bright.
4790. In h, residual *125*.
4791,2. Bu. 6212. Combined magn. 4.94. Difference in magnitude derived from 35 observations with double image photometer.
4800. Variable. Class II. Period, $257^{d}.2$. Max. 6.4. Min. 13.1.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



4803. One observation, in H. A. **46**, gives the residual 20.
4808. Variable. Class II. Period, $145^d.47$. Max. 6.4. Min. 12.1.
4813. One observation, in H. A. **46**, gives the residual *01*.
4820. Variable. Class IV. Period, $0^d.882$. Max. 6.5. Min. 7.6. In H. A. **34**, magn. 6.30.
4821,2. Bu. 6239. Combined magn. 5.28. Difference in magnitude derived from 12 observations with double image photometer.
4825,6. Bu. 6243. A, B. Binary. Period, $194^y.0$. Semi-major axis, 3″.89. Spectroscopic binary. Class B. Period, $180^y$. Combined magn. 2.91. Difference in magnitude derived from 12 observations with double image photometer. The component at 180°, 252″, is magn. 8.67. One observation, in H. A. **46**, gives the residual 22.
4827. One observation, in H. A. **46**, gives the residual 12.
4830. In spectrum, hydrogen lines bright on edge of greater wave length.
4839. One observation, in H. A. **46**, gives the residual *35*.
4849. Parallax, —0″.12. Proper motion, in R. A. $+0^s.018$, in Dec. —0″.45.
4860. One observation, in H. A. **24**, Table IV, gives the residual 31. One observation, in H. A. **46**, gives the residual 03.
4865. 29 Comae = 36 Virginis.
4883. See H. R. 4924.
4884. Bu. 6292. Magnitudes of components, 7.08 and 7.52. Difference in magnitude derived from 20 observations with double image photometer. These components are 32 and 33 Comae, respectively. Magnitudes in H., 6.35 and 6.70.
4890. The cluster N. G. C. 4755. In W, residual *131*.
4891. One observation, in H. A. **46**, gives the residual 16.
4892,3. Bu. 6303. Combined magn. 4.76. Difference in magnitude derived from 10 observations with double image photometer.
4895. Variable. Class IV. Period, $4^d.690$. Max. 6.5. Min. 7.6. In C. P. D., magn. 7.9.
4905. Spectroscopic binary. Class B. Period long. In D, too bright for measurement.
4898,9. Inn. $12^h$ 80. Combined magn. 3.95. Difference in magnitude 0.91, as derived from 24 observations with double image photometer. Spectrum of H. R. 4899, B3, having also Hβ bright.
4910. Parallax, —0″.04. Proper motion, in R. A. $-0^s.034$, in Dec. —0″.05.
4912. In H. A. **24**, the magnitude of M. P. 681 should be 6.85, not 6.02.
4914,5. Bu. 6313. Combined magn. 2.80. Difference in magnitude derived from 62 observations with double image photometer. In D, too bright for measurement.
4916. Circumpolar Standard.
4924. 37 Comae = 13 Canum Venaticorum. Erroneously given as 31 Comae in the British Association Catalogue, p. 75. In H. A. **23**, 195, the position of 13 Canum Venaticorum = H. P. 2204 should be in R. A. $12^h$ $55^m.5$, Dec. +31° 20′.
4930. Spectrum B 3, having also Hβ and other lines bright.
4934. Circumpolar Standard.
4945. One observation, in H. A. **45**, gives the residual *05*.
4949. Hγ perhaps bright, Hδ bright, in the spectrum of this star. Variable?
4952. A. G. C. 17839 precedes $0^s.1$, south 6″, magn. 8.2.
4967. See H. R. 4971.
4968,9. Bu. 6406. Binary. Period, $25^y.56$. Semi-major axis, 0″.642. Combined magn. 4.47. Equality of components assumed from estimates given by Burnham.
4971. In Bu. 6410, A is H. R. 4967, B is H. R. 4971. Difference in magnitude 0.22, as derived from 20 observations with double image photometer.
4983. Parallax, 0″.11. Proper motion, in R. A. $-0^s.060$, in Dec. +0″.88. Newcomb. Parallax, 0″.12. Proper motion, in R. A. $-0^s.060$, in Dec. +0″.90. Yale.
4987. Not observed in H. R. **14**, probably owing to proximity of H. R. 4992.
4990. A. G. C. 17986 precedes $0^s.2$, south 7″, magn. 7.2.
5014. In H. A. **24**, Table I, p. 19, the magnitude of +0° 3040 should be 6.43, instead of 6.93.
5018. Circumpolar Standard.
5019. Proper motion, in R. A. $-0^s.075$, in Dec. —1″.07.
5020. One observation, in H. A. **46**, gives the residual *09*.
5021. +4°2723 follows $26^s.1$, north 1′.8, magn. 7.7. Magnitudes of components, 7.09 and 7.59. Difference in magnitude derived from 4 observations with double image photometer.
5025. In H. A. **14**, the companion recorded shows that the object observed in that work as H. P. 2254, with the resulting magnitude 6.67, was +36°2352, magn. 6.8.
5027. Spectrum A. Hydrogen lines narrow.
5034,5. Inn. $13^h$ 26. Combined magn. 4.44. Difference in magnitude 1.40, as derived from 11 observations with double image photometer.
5047. One observation, in H. A. **46**, gives the residual *03*.
5054,5. Bu. 6482. The first double star discovered by means of the telescope, and the first known spectroscopic binary. Class A. Period, $20^d.54$. Combined magn. 2.17. Difference in magnitude derived from 86 observations with double image photometer. In D, too bright for measurement.
5056. Spica. Spectroscopic binary. Class B. Period, $4^d.0$. One observation, in H. A. **46**, gives the residual *12*. In D, too bright for measurement.
5064. Spectrum composite?
5068. One observation, in H. A. **46**, gives the residual *08*.
5072. Parallax, 0″.14. Proper motion, in R. A. $-0^s.018$, in Dec. —0″.58.
5074,5. Bu. 6498. Combined magn. 6.07. Difference in magnitude derived from 4 observations with double image photometer.
5080. Variable. Class II. Period, $425^d.15$. Max. 4.0. Min. 9.8.
5085. Circumpolar Standard.
5097. One observation, in H. A. **46**, gives the residual 25.
5099. One observation, in H. A. **46**, gives the residual *09*.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



5100. One observation, in H. A. **46**, gives the residual *25*.
5101. Variable. Class II. Period, $376^d.9$. Max. 5.6. Min. 12.3. In B, magn. 6.70.
5106. Called Y Virginis in A. G. C. The variable star Y Virginis is in R. A. $12^h\ 28^m.7$, Dec. —3° 52′ (1900).
5120. A. G. C. 18511 precedes $0^s.1$, south 12″, magn. 7.2.
5122. In W, residual *108*.
5128. In H. A. **24**, the magnitude of M. P. 1746 should be 5.97, not 6.49.
5138. Bu. 6578. Binary. Period, $30^y.00$. Semi-major axis, 0″.28.
5141. Inn. $13^h63$. Combined with A. G. C. 18588, which follows $0^s.3$, south 6″, magn. 7.5. Magnitudes of components 5.65 and 7.10. Difference in magnitude derived from 12 observations with double image photometer.
5147. Variable. Class II. Period, $90^d.3$. Photographic magnitude at Max. 6.5. Min. 9.2. In H. A. **46**, magn. 8.45; in D, 7.0.
5166. S. M. P. 4638. One observation, in H. A. **45**, gives the residual 25.
5173. One observation, in H. A. **46**, gives the residual *38*.
5181. One observation, in H. A. **46**, gives the residual *48*.
5185. Parallax, 0″.03. Proper motion, in R. A. —$0^s.035$, in Dec. +0″.04.
5189. Inn. $13^h$ 74. Combined with A. G. C. 18760 which precedes $0^s.1$, north 11″, magn. 10. Magnitudes of components, 9.35 and 6.55. Difference in magnitude derived from 12 observations with double image photometer.
5190. Suspected of variability by Gould and Williams.
5191. In D, too bright for measurement.
5192. In H, magn. 2.1. The discordance is perhaps due to the low altitude.
5193. Spectrum B2, having also Hβ and other lines bright.
5199. Variable. Class II. Period, 333d. Max. 6.1. Min. 12.7. In H. A. **24**, Table IV, magn. 8.77.
5207. Inn. $13^h$ 78. A. G. C. 18814 precedes $2^s.1$, north 7″, magn. 8. Magnitudes of components, 7.72 and 5.68. Differerence in magnitude derived from 12 observations with double image photometer.
5210,1. Inn. $13^h$ 79. Combined magn. 4.47. Difference in magnitude derived from 12 observations with double image photometer.
5213. Circumpolar Standard.
5214,5. Combined magn. 5.50.
5221. A. G. C. 18854 precedes $0^s.2$, south 14″, magn. 8.
5223. Speectrum B 3, having also Hβ bright.
5226. Circumpolar Standard. 10 Draconis = 87 Ursae Majoris.
5231. Spectroscopic binary. Class A. Components unequal. Period, $8^d.024$.
5233. A. G. C. 18915 follows $0^s.2$, south 3″, magn. 8.8.
5235. Spectroscopic binary. Class B. Period long.
5261. Variable. Class III. Max. 5.5. Min. 6.6. In H. A. **34**, magn. 5.68; in H. A. **46**, 5.49; in W, 5.1; in B, 5.65; in D, 7.4.
5265. One observation, in H. A. **46**, gives the residual *15*.
5267. Parallax, 0″.05. Proper motion, in R. A. —$0^s.003$, in Dec. —0″.03.
5288. H. P. 2379. In H, magn. 4.8. The discordance is perhaps due to the low altitude.
5291. Spectroscopic binary. Class B.
5296. In C. P. D., magn. 9.6; in A. G. C., 6.6; in C.DM., 6.3.
5304. Spectroscopic binary. Class B. Period short.
5316. Spectrum B 3, having also Hβ bright.
5326. Variable. Class II. Period, $562^d.8$. Max. 5.3. Min. 13.
5328,9. Bu. 6778. Combined magn. 4.44. Difference in magnitude derived from 40 observations with double image photometer.
5334. Circumpolar Standard.
5340. Arcturus. Parallax, 0″.03. Proper motion, in R. A. —$0^s.078$, in Dec. —2″.00. In D, too bright for measurement.
5352. 101 Virginis.
5354. In W, var.?
5355. One observation, in H. A. **46**, gives the residual 27.
5356. S. M. P. 4846.
5364. One observation, in H. A. **45**, gives the residual 40.
5371. Inn. $14^h$ 28. A. G. C. 19407 follows $0^s.3$, south 10″, magn. 7.8. Magnitudes of components, 5.06 and 7.01. Difference in magnitude derived from 12 observations with double image photometer.
5384. Parallax, —0″.02. Proper motion, in R. A. +$0^s.015$, in Dec. —0″.50.
5385,6. Bu. 6842. AB, C. Combined magn. 4.87. Diference in magnitude derived from 12 observations with double image photometer.
5397. A. G. C. 19521 precedes $2^s.2$, north 15″, magn. 7.2.
5410. One observation, in H. A. **46**, gives the residual *24*.
5412. One observation, in H. A. **45**, gives the residual 26.
5414,5. Bu. 6887. Combined magn. 6.42. Difference in magnitude derived from 14 observations with double image photometer.
5421. Variable. Class IV. Period, $5^d.494$. Max. 6.4. Min. 7.8. In D, magn. 8.0.
5437. One observation, in H. A. **45**, gives the residual 02.
5440. Inn. $14^h$ 50. Spectrum B 3, composite and variable, having also Hβ and other lines bright.
5450. A. G. C. 19774 follows $0^s.7$, north 19″, magn. 8.
5459,60. Inn. $14^h$ 59. Spectroscopic binary. Class B. Period, $81^d.185$. Parallax, 0″.75. Proper motion, in R. A. —$0^s.485$, in Dec. +0″.73. The parallax, is greater than that of any other star as yet measured. Combined magn. 0.06. Difference in magnitude derived from 56 observations, with double image photometer.
5463. Inn. $14^h$ 63. A. G. C. 19847 precedes $2^s.1$, south 9″, magn. 8.5. Magnitudes of components, 8.83 and 3.42. Difference in magnitude derived from 12 observations with double image photometer.
5475,6. Bu. 6954. Combined magn. 4.54. Difference in magnitude derived from 22 observations with double image photometer.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



5477,8. Bu. 6955. Combined magn. 3.86. Difference in magnitude derived from estimates given by Burnham, 3.9 and 3.5.

5484. 4 Librae = 53 Hydrae.

5490. Called W Bootis, but probably not variable. See H. A. **55**, 70.

5492. Circumpolar Standard.

5497. Bu. 6989. S. M. P. 5000. Combined with S. M. P. 5001 = A. G. C. 19998, which follows $0^s.6$, south 7″, magn. 7. Magnitudes of components, 5.21, and 7.07. Difference in magnitude derived from 24 observations with double image photometer.

5500. A. G. C. 19976 precedes $7^s.9$, north 69″, magn. 8.2.

5505,6. Bu. 6993. Combined magn. 2.59. Difference in magnitude derived from 21 observations with double image photometer. In D, too bright for measurement. Spectrum composite.

5514. S. M. P. 5010.

5526. 58 Hydrae = 6 Librae.

5530,1. Bu. 7018. Combined magn. 2.79. Difference in magnitude 2.18, as derived from 35 observations with double image photometer. H. R. 5531 is a spectroscopic binary. Class B. Period short. Range, 80 km.

5540. Called R Apodis. Max. 5.5. Min. 6.2. Variability doubtful. See H. A. **55**, 76.

5542. H. P. 2486.

5544. Bu. 7034. Magnitudes of components, 6.82 and 4.80. Difference in magnitude derived from 14 observations with double image photometer.

5559. A. G. C. 20201, precedes $0^s.5$, north 0″, magn. 8.

5563. Circumpolar Standard.

5568. A. G. C. 20256, precedes $1^s.1$, north 6″, magn. 7.2. Proper motion, in R. A. $+0^s.074$, in Dec. —1″.79.

5571. Spectroscopic binary. Class A. Spectrum composite.

5573. 1 Serpentis.

5582. A. G. C. 20319 follows $1^s.8$, north 17″, magn. 10.

5586. Spectroscopic binary. Class B. Period, $2^d.33$. Variable. Class V. Period, $2^d.327$. Max. 4.8. Min. 6.2. For observations of W. Herschel, see Proc. Amer. Acad. **19**, 270. In h, magn. 4.88.

5589. Circumpolar Standard.

5591. 60 Hydra. Lupus in H. P.

5594. 2 Serpentis.

5603. S. M. P. 5117. 20 Librae. $\gamma$ Scorpii in H. P., $\sigma$ Librae in A. G. C.

5605,6. Inn. $14^h$ 116. Combined magn. 4.02. Difference in magnitude of components derived from estimates given by Innes, 4.5 and 4.6.

5609. Spectrum composite.

5610. Bu. 7111. Magnitudes of components, 7.34 and 7.06. Difference in magnitude derived from 16 observations with double image photometer. In P, magnitudes of components, 7.69 and 7.60. Colors a and b, respectively.

5611. In W, var.?

5618. Bu. 7120. Magnitudes of components, 6.08 and 5.28. Difference in magnitude derived from 10 observations with double image photometer.

5644. Variable. Class III. Photographic magnitude at Max. 8.2. Min. 10.0. In H. A. **34**, magn. 5.28; in H. A. **46**, 5.78; in W, 6.1, var.?; in B, 5.65; in C. P. D., 9.0.

5646,7 Inn. $15^h$ 10. Combined magn. 3.97. Difference in magnitude 1.69, as derived from 11 observations with double image photometer.

5649. Magnitudes of components, 6.78 and 3.55. Difference in magnitude derived from 12 observations with double image photometer.

5652. Perhaps variable.

5657. In H. A. **24**, Table IV, magn. 7.35. No explanation has been found for this discordance. In H, residual 127. In U. A., 6.5; in A. G. C., 6.5; in C.DM. 6.5; in C. P. D., 6.7.

5659. Bu. 7162. Parallax, 0″.04. Proper motion, in R. A. $-0^s.043$, in Dec. +0″.30. Magnitudes of components, 6.83, and 7.63. Difference in magnitude derived from 30 observations with double image photometer. In P, magnitudes of components, 6.98 and 7.88. Colors c and a, respectively.

5670. In B, residual 104.

5681. Bu. 7194. Magnitudes of components, 3.56 and 8.02. Difference in magnitude derived from 33 observations with double image photometer.

5683. Inn. $15^h$ 27. A. G. C. 20714 follows $1^s.6$, south 16″, magn. 7. Magnitudes of components, 4.46 and 7.03. Difference in magnitude derived from 12 observations with double image photometer.

5686. S. M. P. 5208.

5694. Parallax, 0″.20. Proper motion, in R. A. $+0^s.024$, in Dec. —0″.54.

5695. One observation, in H. A. **45**, gives the residual *13*.

5697. A. G. C. 20788 follows $0^s.4$, south 4″, magn. 9.

5704. Inn. $15^h$ 35. Magnitudes of components, 5.24 and 5.34. Difference in magnitude derived from estimates given by Innes, 5.1 and 5.2. Too close to be measured separately with double image photometer. Spectrum composite.

5708. A. G. C. 20807 follows $0^s.4$, south 27″, magn. 9.5.

5711. One observation, in H. A. **45**, gives the residual 00.

5723. Spectroscopic binary. Class B. Period, $90^d+$.

5727,8. Bu. 7251. Binary. Period, $41^y.51$. Semi-major axis, 0″.891. Combined magn. 5.05. Difference in magnitude derived from estimates given by Burnham, 5.2 and 5.7.

5730. Spectrum B 5, having also H$\beta$ and other lines bright and variable.

5733,4. Bu. 7258. Combined magn. 4.33. Difference in magnitude derived from 30 observations with double image photometer. H. R. 5734 = Bu. 7259.

5735. Circumpolar Standard. In H, residual 126. In D, too bright for measurement.

5744. Circumpolar Standard.

5756. A. G. C. 21033 precedes $0^s.8$, north 3″, magn. 8.5.

5763. Combined in H. P. with H. R. 5774, with the designation, $\nu$ Bootis. According to Ptolemy this star is common to Bootes and Hercules. $\nu$ Bootis = $\psi$ Herculis.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



5765. Bu. 7301. Inn. $15^h$ 52. Triple. Magnitudes of components, A 7.02, B 7.81, and C 7.81. Combined magnitudes of B, C derived from 8 observations with double image photometer. Equality of components B and C assumed from estimates given by Innes, 8.3 and 8.3.
5772. U. A., Serpens, 15, magn. 5.9. Not in A. G. C.
5774. See H. R. 5763.
5775. 36 Librae. Scorpius in H. P.
5782. A. G. C. 21079 follows $2^s.4$, south 90″, magn. 7.8.
5785. Circumpolar Standard.
5788,9. Bu. 7318. Combined magn. 3.85. Difference in magnitude derived from 10 observations with double image photometer.
5793. Spectroscopic binary. Class B. Range greater than 60 km. In D, too bright for measurement.
5794. $\upsilon$ Librae. Scorpius in H. P.
5797. One observation, in H. A. **45**, gives the residual *23*. In W, var.?
5798. This star is also C. P. D. —51° 8320, magn. 5.8.
5804. In H, residual *118*.
5812. 40 Librae. $o$ Scorpii in H. P.
5815,6. Bu. 7334. Combined magn. 5.82. Difference in magnitude derived from 30 observations with double image photometer.
5820. H. P. 2605.
5829. Bu. 7362. Magnitudes of components, 6.93 and 7.61. Difference in magnitude derived from 24 observations with double image photometer.
5833,4. Bu. 7352. Combined magn. 4.69. Difference in magnitude derived from 32 observations with double image photometer.
5846. Inn. $15^h$ 77. Combined with A. G. C. 21308, which precedes $0^s.2$, north 5″, magn. 8.5. Magnitudes of components, 7.99 and 6.57. Difference in magnitiude derived from 22 observations with double image photometer.
5849. Bu. 7368. Binary. Period, $73^y.0$. Semi-major axis, 0″.736.
5851,2. Inn. $15^h$ 80. Combined magn. 5.75. Difference in magnitude derived from 4 observations with double image photometer.
5854. Bu. 7372. The companion at 351°, 58″, is magn. 12.79.
5855. One observation, in H. A. **45**, gives the residual *01*.
5873. A. G. C. 21422 follows $0^s.7$, north 20″, magn. 9.5.
5875. 30 Serpentis.
5880. Variable. Class III. Max. 5.5. Min. 12.5. R Coronae and RY Sagittarii are the only two objects known, of their kind. While their variations are small during a large part of the time, they occasionally undergo a great diminution in light, followed by marked changes which appear to be irregular.
5883. H. P. 2637. $\lambda$ 5 Lupi, in H. P.
5894. Variable. Class II. Period, $357^d.2$. Max. 5.6. Min. 13.
5904. S. M. P. 5427.
5911. Parallax, 0″.03. Proper motion, in R. A. —$0^s.012$, in Dec. —0″.58. One observation in H. A. **45**, gives the residual *48*.
5914. Parallax, 0″.09. Proper motion, in R. A. +$0^s.039$, in Dec. +0″.61.
5925,6. Inn. $15^h$ 97. H. P. 2659. $\mu$ Lupi in H. P. Combined magn. 4.78. Difference in magnitude derived from 24 observations with double image photometer.
5933. Parallax, 0″.09. Proper motion, in R. A. +$0^s.019$, in Dec. —1″.29.
5939. Variable. Class IV. Period, $6^d.323$. Max. 6.4. Min. 7.4.
5944. Spectroscopic binary. Class A. Period, $1^d.57$.
5945. One observation, in H. A. **45**, gives the residual 45.
5948. Inn. $15^h$ 101. A. G. C. 21655 follows $0^s.6$, north 15″, magn. 7.8. Magnitudes of components, 3,64 and 7.69. Difference in magnitude derived from 23 observations with double image photometer.
5952. Inn. $15^h$ 105. A. G. C. 21677 follows $0^s.1$, south 9″, magn. 10. Magnitudes of components, 6.53 and 10.25. Difference in magnitude derived from 8 observations with double image photometer.
5958. Nova Coronae. Appeared May 12, 1866. Still visible as a star having the magnitude 9.98. Class I. Max. 2.0. Min. 10.0.
5959. In H, residual *115*.
5961. A. G. C. 21693 precedes $1^s.3$, south 4″, magn. 8.
5963. 3 Herculis.
5968. Parallax, 0″.02. Proper motion, in R. A. —$0^s.016$, in Dec. —0″.79.
5976. In H, residual *198*.
5977,8. 51 Librae. Bu. 7487. A, B. Binary. Period, $44^y.5$. Semi-major axis, 0″.701. Combined magn. 4.16. Difference in magnitude derived from estimates given by Burnham, 4.9 and 5.2. Third component estimated 7.2. One observation in H. A., **46**, gives the residual 11.
5980. In H. A. **44**, one observation, magn. 5.72. Rejected owing to low altitude.
5984,5. Bu. 7493. A B, C. Spectroscopic binary. Class B. Period, $6^d.88\pm$. Combined magn. 2.76. Difference in magnitude derived from 10 observations with double image photometer. One observation, in H. A. **46**, gives the residual 12.
5986. Circumpolar Standard. Spectroscopic binary. Class B. Period, $3^d.0708$.
5997. One observation, in H. A. **46**, gives the residual *11*.
6001. One observation, in H. A. **46**, gives the residual *22*.
6002. One observation, in H. A. **46**, gives the residual 21.
6006. A. G. C. 21876 follows $0^s.6$, south 1″, magn. 7.2. Inn. $16^h$ 5. Magnitudes of components, 6.74 and 7.48. Difference in magnitude derived from 32 observations with double image photometer.
6008,9. Bu. 7514. Combined magn. 5.02. Difference in magnitude derived from 42 observations with double image photometer.
6014. Parallax, 0″.00. Proper motion, in R. A. +$0^s.016$, in Dec. —0″.75.
6017. One observation, in H. A. **45**, gives the residual *15*.
6020,1. Combined magn. 4.23.
6025. Circumpolar Standard.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



6026,7. Bu. 7533. AB, C. Combined magn. 4.16. Difference in magnitude derived from 18 observations with double image photometer.
6035. 48 Serpentis.
6039. Probably wrongly identified in Draper Catalogue.
6046. One observation, in H. A. **45**, gives the residual 20.
6054. Magnitudes of components, 6.19 and 9.92. Difference in magnitude derived from 12 observations with double image photometer.
6062. Variable. Class IV. Period, $9^d.752$. Max. 6.6. Min. 7.6. In H. A. **46**, magn. 6.48; in D, 7.4.
6063,4. Bu. 7563. Combined magn. 5.36. Difference in magnitude derived from 24 observations with double image photometer. Magnitude of component, C, 10.83. Lines in spectrum hazy.
6070. One observation, in H. A. **46**, gives the residual 21.
6077. H. P. 2734. Bu. 7572. A. G. C. 22106 precedes $1^s.2$, north 17″, magn. 7.2. Magnitudes of components, 7.06 and 5.69. Difference in magnitude derived from 32 observations with double image photometer.
6081. In h, residual *105*.
6084. S. M. P. 5612. Spectroscopic binary. Class B. Period short. Range, 50 km.
6097. Inn. $16^h$ 33. A. G. C. 22200 follows $0^s.2$, south 8″, magn. 7.5. Magnitudes of components, 7.06 and 7.59. Difference in magnitude derived from 20 observations with double image photometer.
6101. One observation, in H. A. **45**, gives the residual 22.
6105,6. Bu. 7599. Inn. $16^h$ 35. Combined magn. 5.46. Difference in magnitude derived from 8 observations with double image photometer.
6107,8. Bu. 7608. A, B. Combined magn. 4.57. Magnitudes of components, 5.19 and 5.47, as derived from 16 observations with double image photometer.
6112,3. Inn. $16^h$ 40. Combined magn. 4.76. Difference in magnitude derived from 4 observations with double image photometer.
6115. Inn. $16^h$ 45. A. G. C. 22244 precedes $0^s.8$, north 20″, magn. 7. Magnitude of preceding component, in H. A. **46**, 7.66; from 12 observations with double image photometer, 7.46.
6117. 24 Herculis = 51 Serpentis.
6119. Variable. Class II. Period, $403^d$. Max. 6.4. Min. 12.0.
6129. Not observed by Herschel, owing to errors in the British Catalogue.
6132. Circumpolar Standard. In D, too bright for measurement. The companion at 144°, 5″, is magn. 8.75.
6134. Antares. Parallax, 0″.02. Proper motion, in R. A. $-0^s.001$, in Dec. −0″.03.
6137. A. G. C. 22321 precedes $0^s.3$, north 2″, magn. 9.
6141. S. M. P. 5662.
6146. The supposed variable, g Herculis. Class III. Max. 4.7. Min. 6.0. See H. A. **55**, 48.
6148. Spectroscopic binary. Class B. Period, $410^d.58$.
6152. In H. A. **14**, 212, for magn. 4.70, read 5.18.
6156. In H, the only comparisons made were with the supposed variable, g Herculis, H. R. 6146.
6158. 28 Herculis = 11 Ophiuchi.
6161. Circumpolar Standard.
6171. This star is also −2° 4211, magn. 5.5.
6184, 5, 6. Bu. 7702. 18 observations with the double image photometer make 6185 brighter than 6184, by 0.14 magn., and 4 observations make 6185,6 combined, 0.28 magn. brighter than 6184. 6185,6 = Bu. 7703. Combined magn. 5.20. Difference in magnitude derived from 24 observations with double image photometer.
6187. Inn. $16^h$ 61. A, D. A. G. C. 22533 precedes $1^s.1$, south 0″, magn. 6.8. Magnitudes of components, 7.12 and 5.90. Difference in magnitude derived from 12 observations with double image photometer. Hydrogen lines narrow.
6194,5. Bu. 7711. Combined magn. 5.40. Difference in magnitude 1.12, as derived from 22 observations with double image photometer.
6196. In H. P., 24 Scorpii.
6212. Bu. 7717. Binary. Period, $34^y.53$. Semi-major axis, 1″.355. Parallax, 0″.17. Proper motion, in R. A. $-0^s.036$, in Dec. +0″.41. Spectroscopic binary. Class B. Period, $33^y.9$.
6220. Proper motion, in R. A. $+0^s.003$, in Dec. −0″.09.
6223. Circumpolar Standard.
6228. 43 Herculis = 17 Ophiuchi.
6236. Inn. $16^h$ 73. A. G. C. 22712 follows $0^s.3$, north 2″, magn. 7.5. Magnitudes of components, 7.30 and 7.31. Difference in magnitude derived from 4 observations with double image photometer.
6241. H. P. 2818. See H. A. **23**, 228.
6244. A. G. C. 22745 precedes $0^s.1$, south 8″, magn. 9.5.
6247. Spectroscopic binary. Class A. Period, $1^d.45$. Relative velocity, 460 km.
6260. In C. P. D., cum. This star is in the cluster N. G. C. 6231. Hydrogen lines narrow.
6262. Spectrum B1, having also H$\beta$ and other lines bright.
6268. H$\beta$ is perhaps bright in the spectrum of this star.
6293. Herschel found that either 54 or 55 Herculis did not exist. The star observed is here assumed to be 54 Herculis. See Baily's Flamsteed, p. 610.
6294. A. G. C. 22943 precedes $0^s.3$, south 4″, magn. 8.
6309. Nova Ophiuchi, No. 2. First observed on April 27, 1848. Max. 5.5. Min. 12.5.
6315. Spectroscopic binary. Class B.
6316. H. P. 2841.
6319. In H. A. **24**, 232, for magn. 7.82, read 6.42.
6322. Spectroscopic binary. Class B. Period short.
6324. Spectroscopic binary. Class B. Period short.
6335. Circumpolar Standard.
6337. 32 Ophiuchi.
6341,2. H. R. 6341 is 33 Ophiuchi. H. R. 6342 is 34 Ophiuchi. Bu. 7845. Combined magn. 5.24. Difference in magnitude 0.25, as derived from 18 observations with double image photometer.
6350. 28 Scorpii.
6369, 70. Bu. 7878. A, B. Combined magn. 5.06. Difference in magnitude derived from 18 observations with double image photometer.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



6389. A. G. C. 23286 follows $3^s.5$, north 1″, magn. 9.8.
6396. Circumpolar Standard.
6399. The observations in H. A. **14**, in O, and in B, recorded under H. R. 6437, have been assumed to relate to this star. See H. A. **45**, 323.
6401,2. Bu. 7905. Combined magn. 4.56. Difference in magnitude derived from 10 observations with double image photometer. Proper motion, in R. A. $-0^s.037$, in Dec. −1″.17.
6406,7. Bu. 7914. Supposed variable. Class III. Max. 3.1. Min. 3.9. Combined magn. 3.31. Difference in magnitude derived from 30 observations with double image photometer.
6414. 38 Ophiuchi = 31 Scorpii. Variable. Class V. Period, $0^d.839$. Max. 6.0. Min. 6.7. In H. A. **14**, magn. 5.76; in **44**, 6.09; in O, 5.68; in P, 6.19; in B, 5.75; in D, 5.72.
6416. A. G. C. 23398 follows $0^s.2$, north 4″, magn. 8.2.
6418. Proper motion, in R. A. $-0^s.001$, in Dec. 0″.00.
6424, 5. Bu. 7928. Combined magn. 5.15. The southern component is the brighter. Difference in magnitude derived from 10 observations with double image photometer.
6426. Bu. 7929. A, B. Binary. Period, 45″.90. Semi-major axis, 1″.93.
6427. In W, residual *141*.
6431. Spectroscopic binary. Class B. Period short. Variable. Class III. Max. 4.6. Min. 5.4. In H. A. **14**, magn. 4.91; in O, 5.14; in P, 5.12; in B, 5.00; in D, 4.81.
6433. 66 Herculis.
6437. See H. R. 6399.
6453. S. M. P. 6007.
6458. Parallax, 0″.14. Proper motion, in R. A. $+0^s.010$, in Dec. −1″.05.
6463. Near border of Hercules.
6477. A. G. C. 23592 follows $0^s.4$, south 0″, magn. 7.8. In H. A. **44**, magn. 4.44. Rejected owing to discordance, low altitude, and since it depends on only one observation.
6484,5. Bu. 8003. Combined magn. 4.14. Difference in magnitude derived from 22 observations with double image photometer.
6489. In U. A. Ophichus, 138, magn. 6.5. Not in A. G. C.
6492. S. M. P. 6048. In H. A. **24**, owing to an error in reduction, the magnitude of M. P. 2276 should be 4.58, not 4.90.
6496. 47 Ophiuchi.
6497. Spectrum composite.
6508. H. P. 2924.
6510. Spectrum B 3, having also H$\beta$ and other lines bright.
6515. Nova Ophiuchi, No. 1, 1604. Max. magn. > 1.
6516. Bu. 8038. Binary. Period, $46^y.0$. Semi-major axis, 1″.143.
6518. Parallax, 0″.04. Proper motion, in R. A. $-0^s.091$, in Dec. +0″.03.
6519. One observation, in H. A. **45**, gives the residual *10*.
6524. Additional bright lines are present in the spectrum of this star.
6527. H. P. 2932. Spectroscopic binary. Class B. Period, $5^d.6\pm$.
6535. The hydrogen lines are narrow in the spectrum of this star.
6541. In H. A. **14**, magn. 6.45. Rejected for discordance, as other catalogues confirm the magnitude given in H. A. **44**.
6545. One observation, in H. A. **45**, gives the residual *19*.
6546. In W, var.?
6548. Bu. 8067. Magnitudes of components, 7.78 and 5.96. Difference in magnitude derived from 19 observations with double image photometer.
6554,5. Bu. 8076. Combined magn. 4.21. Difference in magnitude 0.04, and following star the brighter, as derived from 36 observations with double image photometer. Parallax, 0″.32. Proper motion, in R. A. $+0^s.018$, in Dec. +0″.05.
6561. Spectroscopic binary. Class B. Period short.
6567. According to Herschel "56 Serpentis —, 57."
6573. Circumpolar Standard. Parallax, 0″.08. Proper motion, in R. A. $+0^s.035$, in Dec. −0″.50.
6595. In H, residual 101.
6596. Circumpolar Standard. Spectroscopic binary. Class B. Period short.
6609,10. Bu. 8136. Combined magn. 5.67. Difference in magnitude derived from 20 observations with double image photometer.
6616. Spectroscopic binary. Class B. Period, $7^d.01$. Range, 23 km. Variable. Class IV. Period, $7^d.012$. Max. 4.35. Min. 5.02. In H. A. **14**, magn. 4.87; in **34**, 5.02; in H, 5.30; in D, 5.48.
6620. One observation, in H. A. **46**, gives the residual 04.
6623. Bu. 8162. B, C. Binary. Period, $45^y.39$. Semi-major axis, 1″.369. Parallax, 0″.12. Proper motion, in R. A. $-0^s.024$, in Dec. −0″.74.
6636,7. Circumpolar Standard. Bu. 8182. Combined magn. 4.58. Difference in magnitude derived from 44 observations with double image photometer.
6645. A. G. C. 24225 precedes $0^s.1$, south 13″, magn. 8.
6660. A. G. C. 24270 precedes $1^s.4$, south 29″, magn. 8.
6661. Variable. Class IV. Period, $17^d.121$. Max. 6.08. Min. 6.54. In H. A. **24**, Table IV, magn. 6.47; in **44**, 6.39.
6672. 63 Ophiuchi.
6691. A. G. C. 24385 precedes $3^s.8$, south 6″, magn. 8.5. Magnitudes of components, 8.20 and 5.90. Difference in magnitude derived from 12 observations with double image photometer.
6693,4. Inn. $17^h$ 115. Combined magn. 5.07. Difference in magnitude derived from 20 observations with double image photometer.
6698. One observation, in H. A. **46**, gives the residual *04*.
6714. Bu. 8284. A, C. Magnitudes of components, 3.95 and 8.01. Difference in magnitude derived from 22 observations with double image photometer.
6724. In H, residual 126.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



6729,30. Bu. 8302. Combined magn. 4.42. Difference in magnitude derived from 30 observations with double image photometer. Spectrum composite.

6733,4. Bu. 8303. Combined magn. 4.88. Difference in magnitude of components derived from estimates given by Burnham, 5.7 and 5.0. One observation, in H. A. **46**, gives gives the residual 22.

6736. One observation, in H. A. **46**, gives the residual 31.

6742. Spectroscopic binary. Class B. Period, $7^d.5946$. Secondary curve with period, $3^d.80$, and range, 9.7 km. Variable. Class IV. Period, $7^d.595$. Max. 4.29. Min. 5.14. In H. A. **14**, magn. 4.88; in B, 5.02; in D, 6.1.

6746. H. P. 3036.

6749,50. Inn. $17^h$ 129. Combined magn. 5.02. Equality of magnitudes of components assumed from estimates given by Innes, 6.0 and 6.0.

6752. Bu. 8340. Binary. Period, $88^y.395$. Semi-major axis, $4''.548$. Parallax, $0''.19$. Proper motion, in R.A. $-0^s.018$, in Dec. $-1''.12$. Magnitudes of components, 4.28 and 5.98. Difference in magnitude derived from 11 observations with double image photometer.

6753. Error in identification in H. P. See H. A. **14**, 304.

6758. Bu. 8348. Combined with $+12°$ 3382. Magnitudes of components, 7.41 and 7.05. Difference in magnitude derived from 14 observations with double image photometer. In P, magnitudes of components, 8.02 and 7.32. Colors c and b, respectively.

6772. The hydrogen lines are narrow in the spectrum of this star.

6775. Bu. 8372. Binary. Period, $64^y.52$. Semi-major axis, $1''.282$.

6780. H. P. 3046. A. G. C. 24709 follows $0^s.0$, north $5''$, magn. 8.2.

6781,2. Bu. 8377. Combined magn. 5.21. Difference in magnitude derived from 22 observations with double image photometer.

6789. Proper motion, in R. A. $+0^s.019$, in Dec. $+0''.05$.

6809,10. Bu. 8441. Combined magn. 5.22. Difference in magnitude derived from 4 observations with double image photometer. According to H, "41–40." In O, the preceding star is measured as the brighter.

6812. Spectroscopic binary. Class B. One observation, in H. A. **46**, gives the residual 05.

6815. This star is A Herculis.

6816. One observation, in H. A. **46**, gives the residual *08*.

6821. C. P. D. $-51°$ 10795, magn. 6.8.

6822. One observation, in H. A. **46**, gives the residual 27.

6832. H. P. 3074.

6833. Variable. Class V. Period, $2^d.416$. Max. 5.88. Min. 6.30. In A. G. C., Y Sagittarii. See H. A. **55**, 75. In H. A. **46**, magn. 6.48.

6842. One observation, in H. A. **46**, gives the residual *06*.

6848. A. G. C. 24943 follows $1^s.0$, north $12''$, magn. 8. In H. A. **14**, cum.

6850. Circumpolar Standard.

6858. One observation, in H. A. **46**, gives the residual *30*.

6859. S. M. P. 6444. One observation, in H. A. **46**, gives the residual 00.

6861. S. M. P. 6448.

6863. Spectroscopic binary. Class B. Period, $5^d.7734$. Variable. Class IV. Period, $5^d.73$. Max. 5.44. Min. 6.18. In H. A. **14**, magn. 6.00; in B, 6.07; in D, 6.06. See H. R. 6833.

6869. One observation, in H. A. **46**, gives the residual *16*.

6879. H. P. 3095.

6881. One observation, in H. A. **46**, gives the residual 08.

6884. One observation, in H. A. **46**, gives the residual 06.

6888. H. P. 3103. There are two stars in this vicinity, A. G. C. 24991 = Piazzi XVIII, 33, and A. G. C. 25086 = Piazzi XVIII, 52. In the British Catalogue, the second star, B. F. 2489, is called 18 Sagittarii. This Flamsteed number is assigned, in the B. A. C., p. 278, to the first star, B. A. C. 6211, but on p. 73, Baily states that "18 Sagittarii is XVIII, 52, not 33." Not found by Herschel owing to errors of reduction in the British Catalogue.

6896. One observation, in H. A. **46**, gives the residual *23*.

6907. S. M. P. 6493. Z. C. $18^h$ 1231 precedes $1^s.4$, north $80''$, magn. 9.5.

6918. Variability suspected, but not confirmed. See H. A. **55**, 51. Mean magnitude 5.21, derived from 42 observations in H. A. **46**, 194.

6920. Circumpolar Standard.

6924. Bu. 8569. A, C. In B, magn. 6.00, combined with H. P. 3114.

6925. Near border of Ophiuchus.

6926. A. G. C. 25196 precedes $0^s.1$, south $42''$, magn. 8.2.

6927. Circumpolar Standard. Spectroscopic binary. Class B. Period, $281^d.8$. Parallax, $0''.11$. Proper motion, in R. A. $+0^s.113$, in Dec. $-0''.37$.

6941. Near border of Ophiuchus.

6944. One observation, in H. A. **46**, gives the residual 45.

6945. Circumpolar Standard.

6946. A. G. C. 25294 precedes $0^s.9$, south $3''$, magn. 8.

6947. Variable. Class IV. Period, $6^d.745$. Max. 6.51. Min. 7.30. In D, magn. 7.8.

6956. Not in U. A., nor in A. G. C. In Bonn Durchmusterung, magn. 7.0.

6952,3. Inn. $18^h$ 61. Combined magn. 5.46. Difference in magnitude derived from 12 observations with double image photometer.

6959. One observation, in H. A. **46**, gives the residual *16*.

6970. One observation, in H. A. **46**, gives the residual 10.

6973. 1 Aquilae.

6990. One observation, in H. A. **46**, gives the residual 17.

6993. One observation, in H. A. **46**, gives the residual 01.

7001. Wega. Parallax, $0''.11$. Proper motion, in R. A. $+0^s.018$, in Dec. $+0''.28$. In D, too bright for measurement. Bu. 8692. The companion at 138°, $43''$, is magn. 10.11.

7012. C. P. D. $-64°$ 3950 follows $10^s.8$, north $0'.6$, magn. 8.8. Magnitudes of components, 4.92 and 9.47. Difference in magnitude derived from 4 observations with double image photometer.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



7020. 2 Aquilae. Spectroscopic binary. Class B.
7021. A. G. C. 25544 precedes $1^s.6$, south 25″, magn. 9.
7032. 3 Aquilae.
7035. S. M. P. 6591. One observation, in H. A. **46**, gives the residual 31.
7039. One observation, in H. A. **46**, gives the residual 03.
7046. One observation, in H. A. **45**, gives the residual *16*. One observation, in H. A. **46**, gives the residual *37*.
7051,2. Bu. 8783. Combined magn. 4.68. Difference in magnitude derived from 11 observations with double image photometer. Bu. 8782 = H. R. 7051 and 7053. Difference in magnitude of H. R. 7051,2 and 7053,4, 0.08, and following pair the brighter, as derived from 22 observations with double image photometer. Combined magnitude of four stars, 3.83. In B, combined magn. 4.10.
7053,4. See H. R. 7051,2. Bu. 8785. Combined magn. 4.50. Difference in magnitude derived from 12 observations with double image photometer.
7055. One observation, in H. A. **46**, gives the residual 26.
7056,7. Bu. 8788. A, D. Combined magn. 4.06. Difference in magnitude 1.38, as derived from 39 observations with double image photometer. H. R. 7056 is a spectroscopic binary. Class B.
7059. Inn. $18^h$ 82. A. G. C. 25677 follows $0^s.7$, south 7″, magn. 8. Magnitudes of components, 5.94 and 7.37. Difference in magnitude derived from 23 observations with double image photometer.
7063. 6 Aquilae. Spectroscopic binary. Class B. Period long. One observation, in H. A. **46**, gives the residual 00.
7066. Variable. Class III. Max. 4.8. Min. 7.8. In H. A. **14**, magn. 5.51; in O, 5.37; in B, 5.85; in D, 5.93.
7077. Not in U. A., nor in A. G. C. In Bonn Durchmusterung, magn. 7.1.
7078. One observation, in H. A. **46**, gives the residual 09.
7083. A. G. C. 25754 follows $1^s.2$, south 113″, magn. 7.8.
7089. Variable. Class III. Photographic magnitude at Max. 6.8. Min. 10.0. In H. A. **24**, Table IV, magn. 7.34.
7099. Bu. 8860. Magnitudes of components, 8.03 and 6.98. Difference in magnitude derived from 4 observations with double image photometer.
7105. H. P. 3189.
7106. Spectroscopic binary. Class A. Period, $12^d.908$. Perhaps three bodies. Variable. Class IV. Period, $12^d.908$. Max. 3.36. Min. 4.10. In H. A. **14**, magn. 3.57; in B, 3.60; in D, 3.87. Spectrum B 2, having also H$\beta$ and other lines bright and variable.
7107. Spectroscopic binary. Class B. Period, $9^d.091$? Variable. Class IV. Period, $9^d.092$. Max. 3.8. Min. 5.2. In H. A. **34**, magn. 4.38; in **46**, 4.57; in B, 4.86; in D, 6.6.
7131. See H. R. 7139. Spectroscopic binary. Class B.
7133. Spectroscopic binary. Class B.
7138. In H. A. **24**, 235, for magnitude 6.30 read 7.30.
7139. Bu. 8907. Combined with H. R. 7131, resulting magnitude, 4.15. In B, combined magnitude 4.20.
7141,2. Bu. 8914. Combined magn. 4.10. Difference in magnitude derived from 10 observations with double image photometer. See H. A. **23**, 228.
7149. 9 Aquilae. One observation, in H. A. **46**, gives the residual *06*.
7150. One observation, in H. A. **46**, gives the residual *02*.
7157. Variable. Class III. Period, $46^d.4$. Max. 4.0. Min. 4.7.
7158. Wrongly identified in H. P. See H. A. **14**, 306.
7166. One observation, in H. A. **46**, gives the residual 27.
7169,70. Inn. $18^h$ 97. Combined magn. 5.97. Difference in magnitude derived from 16 observations with double image photometer.
7189. Nova Sagittarii. 1899. Photographic Max. 4.7. Min. $<15$. See H. C. 42 and 46.
7194. H. P. 3237. Bu. 8965. A, B. Binary. Period, $21^y.17$. Semi-major axis, 0″.565. Inn. $18^h$ 107. Magnitudes of components, 3.37 and 3.57. Difference in magnitude derived from estimates given by Innes, 3.4 and 3.6.
7195. S. M. P. 6685. One observation, in H. A. **46**, gives the residual *17*.
7199. Bu. 8997. In P, magnitudes of components, 8.06 and 7.02. Colors b and b, respectively.
7201. One observation, in H. A. **45**, gives the residual *07*.
7211. H. P. 3248.
7220. Variable. Class III. Max. 6.5. Min. 8.0. In H. A. **24**, Table IV, magn. $7^s.44$.
7225. A. G. C. 26132 precedes $1^s.2$, south 33″, magn. 7.2.
7226. Inn. $18^h$ 113. Binary. Period, $152^y.7$. Semi-major axis, 2″.45. Combined magnitude 4.26. Equality of components assumed from esitmates given by Innes, 5.1 and 5.1.
7234. Spectroscopic binary. Class B.
7239. A. G. C. 26164, follows $0^s.0$, north 8″, magn. 9.
7243. Variable. Class II. Period, $355^d.0$. Max. 5.8. Min. $<12$.
7248. Spectroscopic binary. Class B. Variability not confirmed. See H. A. **55**, 71. Mean magnitude, 5.05, derived from 80 observations in H. A. **46**, 194.
7279. S. M. P. 6755.
7293,4. Bu. 9137. Parallax, —0″.03. Proper motion, in R. A. —$0^s.014$, in Dec. +0″.61. Combined magn. 5.97. Difference in magnitude derived from 16 observations with double image photometer.
7296. Variable. Class III. Max. 6.5. Min. $<11.0$. In H. A. **46**, magn. 7.48. See H. R. 5880.
7308. One observation, in H. A. **45**, gives the residual 37.
7310. Circumpolar Standard.
7315. In H. P. $\omega$ Aquilae.
7326. Variable. Class V. Period, $3^d.381$. Max. 6.5. Min. 9. In H. A. **24**, 6.55; in **45**, 6.46; in P, 6.96; iu D, 6.14.
7332. Not in H. P.
7333. S. M. P. 6795.
7337. Inn. $19^h$ 13. A. G. C. 26486 follows $2^s.6$, north 6″, magn. 7. Magnitudes of components, 4.31 and 7.26. Difference in magnitude derived from 12 observations with double image photometer.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



7340. In H. P. $\rho$ 44 Sagittarii.
7342. Spectroscopic binary. Class B. Spectrum B 8, composite, having also H$\beta$ and other lines bright and variable.
7344. In H. P. 45 Sagittarii.
7352. Circumpolar Standard.
7353. Incorrectly numbered —7° 4922 in Southern Bonn Durchmusterung.
7356. Combined with H. R. 7365, resulting magnitude 5.53. In B, combined magnitude 5.75.
7362. S. M. P. 6812. In H. P. $\chi$ 47 Sagittarii.
7363. In H. P. 49 Sagittarii.
7365. See H. R. 7356.
7367. One observation, in H. A. **46**, gives the residual 20.
7369. Bu. 9277. In B, combined with H. P. 3338. Magn. 5.40. Magnitude of fainter component 6.89, as derived from 7 observations with double image photometer.
7373. Parallax, 0″.06. Proper motion, in R. A. $+0^s.050$, in Dec. +0″.63. Newcomb. Parallax, 0″.02. Proper motion, in R. A. $+0^s.049$, in Dec. +0″.63. Yale.
7377. Spectroscopic binary. Class B.
7380. S. M. P. 6819.
7386. 3 Cygni. Parallax, 0″.05. Proper motion, in R. A. $-0^s.015$, in Dec. —0″.63.
7394. Commonly known as $\lambda$ Ursae Minoris, and so called by Bode, but not by Heis, nor in the B. A. C. In H. A. **46**, 90, 102 observations give the magn. 6.72.
7398. A. G. C. 26683 follows $0^s.4$, south 8″, magn. 8.5.
7402. Variable. Class IV. Period, $7^d.024$. Max. 6.17. Min. 6.92.
7405,6. Bu. 9350. Combined magn. 4.35. Difference in magnitude 1.10, as derived from 4 observations with double image photometer.
7417,8. Bu. 9374. Parallax, —0″.03. Proper motion, in R. A. $-0^s.002$, in Dec. —0″.02. Combined magn. 3.10. Difference in magnitude derived from 68 observations with double image photometer. Spectrum composite.
7431. S. M. P. 6868. In H. P. 51 Sagittarii.
7440. S. M. P. 6871. In H. P. h 52 Sagittarii.
7448. Bu. 9448. Magnitudes of components, 8.34 and 6.64. Difference in magnitude derived from 16 observations with double image photometer.
7458. Variable. Class IV. Period, $7^d.98$. Max. 6.5. Min. 7.8. In H. A. **24**, Table I, magn. 7.30.
7460. S. M. P. 6889.
7462. Circumpolar Standard. Proper motion, in R. A. $+0^s.100$, in Dec. —1″.76.
7463. Bu. 9458. Magnitudes of components, 5.75 and 8.61. Difference in magnitude derived from 22 observations with double image photometer.
7469. Parallax, 0″.06. Proper motion, in R. A. $-0^s.003$, in Dec. +0″.24.
7476. In H. P. 54 Sagittarii.
7489. In H. P. e 55 Sagittarii.
7495. Parallax, —0″.01. Proper motion, in R. A. $-0^s.015$, in Dec. —0″.10.
7503,4. Bu. 9560. Combined magn. 5.56. Difference in magnitude derived from 26 observations with double image photometer.
7518. Variable. Class IV. Period, $3^d.844$. Max. 6.2. Min. 7.0.
7529. Bu. 9607. In D. C. combined with +35° 3787, magn. 8.0, which follows $0^s.6$, south 0′.3, magn. 5.83.
7530. Probably wrongly identified in Draper Catalogue.
7534. Parallax, 0″.01. Proper motion, in R. A. $0^s.000$, in Dec. —0″.47.
7536. Spectrum composite.
7539. Nova Vulpeculae. Class I. Max. 3. Min. uncertain.
7548,9. Inn. $19^h$ 64. Combined magn. 5.64. Difference in magnitude derived from 12 observations with double image photometer.
7557. Altair. Parallax, 0″.23. Proper motion, in R. A. $+0^s.036$, in Dec. —0″.38. In D, too bright for measurement.
7561. One observation, in H. A. **46**, gives the residual **14**.
7564. Variable. Class II. Period, $406^d.02$. Max. 4.0. Min. 13.5.
7570. Spectroscopic binary. Class B. Period, $7^d.176$. Variable. Class IV. Period, $7^d.176$. Max. 3.66. Min. 4.45. In H. A. **14**, magn. 3.89; in H, 3.95; in h, var.; in O, 4.22; in B, 4.30; in D, 4.95.
7575. One observation, in H. A. **46**, gives the residual 21.
7582. Circumpolar Standard.
7593,4. Bu. 9707. Combined magn. 5.34. Difference in magnitude derived from 22 observations with double image photometer.
7596. One observation, in H. A. **46**, gives the residual 30.
7609. Spectroscopic binary. Class B. Period, $8^d.3832$. Variable. Class IV. Period, $8^d.383$. Max. 5.46. Min. 6.09. In H. A. **14**, magn. 5.54; in **44**, 5.75; in H, 5.45; in O, 5.29; in P, 5.83; in B, 5.50.
7623. H. P. 3461.
7644. Proper motion, in R. A. $+0^s.186$, in Dec. —0″.67.
7659. H. P. 3484.
7665. Proper motion, in R. A. $+0^s.192$, in Dec. —1″.13.
7666. In B, combined with H. P. 3494, resulting magnitude, 6.22. Magnitude of fainter component 7.94, as derived from 4 observations with double image photometer. See H. A. **45**, 330.
7667. One observation, in H. A. **46**, gives the residual *04*.
7670. Parallax, 0″.03. Proper motion, in R. A. $+0^s.052$, in Dec. —0″.52.
7672. Parallax, 0″.16. Proper motion, in R. A. $-0^s.028$, in Dec. —0″.42.
7676. Circumpolar Standard.
7685. Circumpolar Standard.
7697. Parallax, 0″.05. Proper motion, in R. A. $+0^s.024$, in Dec. +0″.24.
7703. Proper motion, in R. A. $+0^s.037$, in Dec. —1″.64.
7710. Spectroscopic binary. Class B. Period, $17^d\pm$. One observation, in H. A. **46**, gives the residual 10.
7722. Proper motion, in R. A. $+0^s.094$, in Dec. —0″.24. One observation, in H. A. **46**, gives the residual 14.
7730. See H. R. 7735.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



7735. Spectrum composite. Spectroscopic binary. Class B. In H. P. $o^1$ Cygni is applied to the combined light of H. R. 7730 and 7735, which equal Bu. 10036, A, D. Combined magn. 3.59. Difference in magnitude 1,17, as derived from 20 observations with double image photometer. The companion at 174°, 107″, is magn. 7.10.

7761. A. G. C. 27828, follows $0^s.3$, south 56″, magn. 8.2.

7763. Nova Cygni, No. 1. Max. 3.5. Min. <6. Spectrum B 1, having also Hβ and other lines bright.

7764. Bu. 10086. A, C. Magnitudes of components, 7.64 and 6.70. Difference in magnitude derived from 16 observations with double image photometer.

7771. Probably wrongly identified in Draper Catalogue.

7775,6. Bu. 10112. Combined magnitude, 3.18. Difference in magnitude 2.85, as derived from 22 observations with double image photometer. H. R. 7776. Spectroscopic binary. Class B. Period, $3^y.3$. Spectrum composite.

7783. Parallax, 0″.11. Proper motion, in R. A. $+0^s.080$, in Dec. +0″.31.

7796. Parallax, 0″.10. Proper motion, in R. A. $-0^s.000$, in Dec. +0″.02.

7829,30. Bu. 10246. Combined magn. 5.58. Difference in magnitude derived from 8 observations with double image photometer.

7840. Bu. 10281. A, BC. Magnitudes of components, 7.26 and 7.04. Difference in magnitude derived from 8 observations with double image photometer. In P, magnitudes of components, 7.64, and 7.26. Colors c and b, respectively.

7841. Probably wrongly identified in Draper Catalogue.

7850. Circumpolar Standard.

7860. Probably wrongly identified in Draper Catalogue.

7863. Spectrum continuous.

7864. Inn. $20^h$ 52. A. G. C. 28171 and 28172. Magnitudes of components, 7.08 and 7.60. Difference in magnitude derived from 12 observations with double image photometer.

7882. Bu. 10363. A, B. Binary. Period, $27^y.66$. Semi-major axis, 0″.475.

7884. Spectroscopic binary. Class B. Period long.

7885. Bu. 10373. Magnitudes of components, 6.93 and 7.05. Difference in magnitude derived from 20 observations with double image photometer.

7924. Parallax, 0″.00. Proper motion, in R. A. $0^s.000$, in Dec. 0″.00. In D, too bright for measurement.

7925. Parallax, 0″.01. Proper motion, in R. A. $+0^s.001$, in Dec. +0″.19.

7932. Variable. Class IV. Period, $16^d.386$. Max. 5.96. Min. 6.97. In H. A. **14**, magn. 6.20; in **24**, Table I, 6.72; in **44**, 6.27; in O, 6.26; in B, 6.40.

7941. Variable. Class III. Max. 6.4. Min. 7.3. In P. magn. 6.38.

7943. A. G. C. 28499 follows $17^s.1$, north 1″, magn. 8.5.

7945. Circumpolar Standard.

7947,8. Bu. 10509. Combined magn. 4.12. Difference in magnitude derived from 34 observations with double image photometer. In O, magnitudes, 4.05 and 4.99. Probably these magnitudes should be reversed, as the following star is the brighter.

7955. Parallax, 0″.00. Proper motion, in R. A. $-0^s.012$, in Dec. −0″.25.

7956. Supposed variable. See H. A. **55**, 60. Mean magnitude, 5.09, derived from 43 observations in H. A. **46**, 194.

7957. Circumpolar Standard. Parallax, 0″.09. Proper motion, in R. A. $+0^s.012$, in Dec. +0″.81.

7959,60. Inn. $20^h$ 72. Combined magn. 5.84. Equality of components assumed from estimates given by Innes, 6.6, and 6.6.

7977, Probably wrongly identified in the Draper Catalogue.

7988. Spectroscopic binary. Class B. Period, $4^d.4358$. Variable. Class IV. Period, $4^d.436$. Max. 5.53. Min. 6.13. In H. A. **14**, magn. 6.13; in **44**, 5.77; in B, 5.80; in D, 6.19.

8001. Spectroscopic binary. Class A. Period short.

8010. One observation, in H. A. **45**, gives the residual *23*.

8034. One observation, in H. A. **45**, gives the residual *16*.

8039 1 Piscis Austrini.

8042. A. G. C. 28797 follows $5^s.0$, north 18″, magn. 7.

8047. Spectrum B, having also Hβ, Hγ, Hδ, Hε, and other lines bright. See H. C. 98.

8056. This star is not contained in P.

8058,9. Bu. 10698. Combined magn. 5.63. Difference in magnitude derived from 8 observations with double image photometer.

8076. 2 Piscis Austrini.

8080. One observation, in H. A. **46**, gives the residual 02.

8085,6. Bu. 10732. Spectroscopic binary. Class B. Period very long. Parallax, 0″.39. Proper motion, in R. A. $+0^s.350$, in Dec. +3″.24. Combined magn. 5.12. Difference in magnitude derived from 30 observations with double image photometer, One observation, in H. A. **45**, gives the residual 16.

8087. One observation, in H. A. **46**, gives the residual 09.

8093. One observation, in H. A. **46**, gives the residual 24.

8097,8. Bu. 10782. A, D. Combined magn. 4.46.

8101. Magnitudes of components, 7.72 and 6.94. Difference in magnitude derived from 8 observations with double image photometer. In P, magnitudes of components, 8.20 and 7.08. Colors c and a, respectively.

8110. 3 Piscis Austrini.

8112. 77 Draconis.

8113. Variable. Class II. Period, $387^d$. Max. 5.1. Min. 10.5.

8123. Bu. 10829. A, B. Binary. Period, $5^y.70$. Semi-major axis, 0″.25. Spectroscopic binary. Class B. Period, $5^y.7$. Magnitudes of components, 5.14 and 5.64. Difference in magnitude derived from estimates given by Burnham, 4.5 and 5.0.

8130. Bu. 10846. A, B. Binary. Period, $57^y.25$. Semi-major axis, 1″.16.

8131. Spectroscopic binary. Class B. Period long. Spectrum composite.

8135. 4 Piscis Austrini. H. P. 3742.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



8145. The variable star, T Indi. Photographic magnitude at Max. 7.2. Min. 8.9.
8146. Spectrum B 3, having also Hβ, and other lines, bright.
8162. Circumpolar Standard. Proper motion, in R. A. $+0^s.022$, in Dec. $+0''.05$. In D, too bright for measurement.
8165. 34 Vulpeculae.
8167. In U. A., Capricornus, 86, magn. 4.4. Not in A.G.C.
8179. Bu. 10941. Magnitudes of components, 7.14 and 6.86. Difference in magnitude 0.28, as derived from 4 observations with double image photometer. Not observed in H. A. **14**, owing to proximity of +60° 2224, which, however, is fainter. In B, combined magn. 6.20.
8189. Not observed in H. A. **14**, owing to proximity of H. R. 8193. Combined magnitude of H. R. 8189 and 8193, 5.83. Difference in magnitude 0.22, as derived from 4 observations with double image photometer. In B, combined magnitude, 5.45.
8193. See H. R. 8189.
8203. This star is not contained in P.
8204. In C. DM., —22° 15388, magn. 3.7.
8207. One observation, in H. A. **46**, gives the residual *26*.
8213. One observation, in H. A. **46**, gives the residual 02.
8232. In H. A. **24**, 240, for magn. 3.61, read 3.31. See H. A. **23**, 245.
8238. Circumpolar Standard. Spectroscopic binary. Class B. Period, a few days.
8252. Parallax, $0''.04$. Proper motion, in R. A. $-0^s.003$, in Dec. $-0''.10$.
8255. Parallax, $-0''.03$. Proper motion, in R. A. $+0^s.009$, in Dec. $+0''.10$.
8258. Probably wrongly identified in Draper Catalogue.
8260. Spectroscopic binary. Class B. Period short.
8262. Variable. Class II. Period, $131^d.5$. Max. 5.0. Min. 6.7. In H. A. **24**, Table I, magn. 6.17; in **44**, 6.37.
8277. 25 Aquarii = 6 Pegasi.
8278. Spectrum composite.
8296. Nova Cygni, No. 2. 1876. Max. 3. Min. 15.7. Spectrum peculiar. See H. A. **55**, 63.
8300. In H. A. **24**, 241, the magnitude 7.57 is in error. See H. A. **23**, 245.
8305. H. P. 3834.
8308. Bu. 11205. The companion at 323°, 91″, is magn. 8.51.
8309,10. Bu. 11214. A, B. Combined magn. 4.45. Difference in magnitude derived from 21 observations with double image photometer. The companion at 61°, 217″ is magn. 6.71.
8311. One observation, in H. A. **46**, gives the residual *10*.
8315. Bu. 11222. A, B. Binary. Period, $11^y.37$. Semi-major axis, $0''.29$. Spectroscopic binary. Class B. Period $6^d$+.
8316. Variable. Class III. Max. 4? Min. 5? In H. A. **14**, magn. 3.92; in O, 4.53; in B, 3.90; in D, 6.04.
8318. Wrongly identified in Draper Catalogue.
8324. 78 Draconis.
8326. H. P. 3850.
8328. 11 Pegasi = 27 Aquarii.
8334. Circumpolar Standard.
8350. One observation, in H. A. **45**, gives the residual *55*.
8357. Bu. 11323. Combined with +55° 2638. Magnitudes of components, 6.80 and 5.95. Difference in magnitude derived from 26 observations with double image photometer. In P, magnitudes of components, 6.99 and 6.22. Colors a and b, respectively.
8384. Magnitudes of components, 6.90 and 7.18. Difference in magnitude derived from 4 observations with double image photometer.
8387. Parallax, $0''.20$. Proper motion, in R. A. $+0^s.479$, in Dec. $-2''.58$.
8390. One observation, in H. A. **24**, Table IV, gives the residual 63.
8396. Bu. 11434. Combined with A. G. C. 30146, which precedes $0^s.4$, south 3″, magn. 7.2. Magnitudes of components, 7.23 and 7.25. Difference in magnitude derived from 8 observations with double image photometer.
8400. Circumpolar Standard.
8402. In U. A., Aquarius, 103, magn. 4.9. Not in A. G. C.
8417. Circumpolar Standard.
8423. Bu. 11514. Combined with +82° 674, magn. 8.0. Magnitudes of components, 7.12 and 7.37. Difference in magnitude derived from 11 observations with double image photometer. In P, magnitudes of components, 7.19 and 7.54. Colors c and b, respectively.
8425. Parallax, $0''.02$. Proper motion, in R. A. $+0^s.011$, in Dec. $-0''.18$.
8430. Spectroscopic binary. Class B. Period, $10^d.2131$.
8431. H. P. 3908.
8452. One observation, in H. A. **46**, gives the residual 16.
8470. One observation, in H. A. **46**, gives the residual 14. In H. A. **24**, 241, for magn. 6.42, read 5.42.
8473. 80 Draconis.
8477. In W, residual *115*.
8515. Proper motion, in R. A. $+0^s.280$, in Dec. $-0''.74$.
8521. In W, var. See H. R. 8524. Spectrum very peculiar, and having three broad, bright bands.
8523. Spectroscopic binary. Class A.
8524. In W, combined with H. R. 8521. Magn. 4.85.
8526. A. G. C. 30522 follows $5^s.1$, north 2″, magn. 9. Magnitudes of components, 6.28 and 8.66. Difference in magnitude derived from 4 observations with double image photometer.
8539. Spectrum B1, having also Hβ, and other lines, bright.
8544,5. Bu. 11715. A, B. Combined magn. 5.70. Difference in magnitude derived from 8 observations with double image photometer.
8557. Circumpolar Standard.
8558,9. Bu. 11743. Combined magn. 3.75. Difference in magnitude derived from 14 observations with double image photometer.
8560. A. G. C. 30656 precedes $3^s.2$, south 51″. magn. 9. Magnitudes of components, 9.43 and 4.32. Differ-

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



ence in magnitude derived from 8 observations with double image photometer.

8571. Bu. 11772. A, C. Spectroscopic binary. Class B. Period, $5^d.367$. Variable. Class IV. Period, $5^d.366$. Max. 3.70. Min. 4.58. In H. A **14**, magn. 4.00; in H, v; in O, 4.21; in D, 4.73. Combined with +57° 2547, magn. 7.5. In P, magn. of +57° 2547, 6.61.

8576. Inn. $22^h$ 30. H. P. 3983. A. G. C. 30705 follows $0^s.4$, south 30″, magn. 7. Magnitudes of components 4.40 and 7.84. Difference in magnitude derived from 22 observations with double image photometer.

8579. Spectroscopic binary. Class B.

8592. One observation, in H. A. **46**, gives the residual 01.

8596. One observation, in H. A. **46**, gives the residual 04.

8603. Bu. 11839. A, B. Magnitudes of components, 6.55 and 5.83. Difference in magnitude derived from 24 observations with double image photometer. In O, magnitudes of components, 5.67 and 5.31. In P, magnitudes of components, 6.74 and 5.92. Colors d and b, respectively.

8607. Near border of Cepheus.

8615. Parallax, —0″.04. Proper motion, in R. A. $+0^s.042$, in Dec. +0″.02.

8616. H. P. 3998.

8618. One observation, in H. A. **45**, gives the residual 17.

8627. Circumpolar Standard.

8635. A. G. C. 30910 follows $0^s.5$, south 6″, magn. 10.

8637. In h, residual *147*.

8645. A. G. C. 30940 precedes $0^s.2$, north 3″, magn. 8.2.

8650. Spectroscopic binary. Class B. Period, $818^d.0$.

8662. A. G. C. 31000 follows $0^s.8$, south 8″, magn. 9.5.

8665. Parallax, 0″.08. Proper motion, in R. A. $+0^s.013$, in Dec. —0″.51.

8675. C. P. D. —51° 11870, magn. 3.3.

8676. One observation, in H. A. **46**, gives the residual 11.

8687. In P, magnitudes of components, 7.28 and 7.39. Colors b and b, respectively.

8694. Circumpolar Standard.

8695. H. P. 4038.

8697. Parallax, 0″.01. Proper motion, in R. A. $+0^s.034$, in Dec. +0″.04.

8720. H. P. 4052. A. G. C. 31183 precedes $0^s.3$, south 2″, magn. 9.

8728. Famalhaut. Frequently written Fomalhaut. See H. A. **14**, 313, 510. H. P. 4057. 24 Piscis Austrini = 79 Aquarii. According to Ptolemy, the star is jn both constellations; according to Bayer, only in Piscis Austrinus. Parallax, 0″.13. Proper motion, in R. A. $+0^s.025$, in Dec. —0″.17. In H, residual 121. Probably due to low altitude.

8741. A. G. C. 31256 follows $3^s.9$, north 85″, magn. 10.

8745. Near border of Cepheus.

8749. C. P. D. —51° 11893, magn. 6.8.

8762. Spectroscopic binary. Class B.

8775. Supposed variable. Max. 2.2. Min. 2.7. Not contained in P.

8779. One observation, in H. A. **45**, gives the residual 14.

8781. In D, too bright for measurement.

8787. A. G. C. 31378 precedes $13^s.6$, north 61″, magn. 9.

8793. Inn. $23^h$ 4. C. P. D. —51° 11904, magn. 6.4. A. G. C. 31386 precedes $0^s.9$, south 2″, magn. 7.2. Magnitudes of components, 7.26 and 6.59. Difference in magnitude derived from 12 observations with double image photometer.

8798. Bu. 12173. In P, magnitudes of components, 6.76 and 8.42. Colors a and b, respectively.

8813. Near border of Aquarius.

8817. Spectrum composite.

8819. Circumpolar Standard. Spectroscopic binary. Class B.

8832. Parallax, 0″.15. Proper motion, in R. A. $+0^s.253$, in Dec. +0″.30.

8841. A. G. C. 31544 precedes $2^s.4$, north 33″, magn. 8.5. Bu. 12257. A, BC. Magnitudes of components, 9.08 and 4.48. Difference in magnitude derived from 36 observations with double image photometer.

8846. One observation, in H. A. **45**, gives the residual *05*.

8852. Parallax, —0″.05. Proper motion, in R. A. $+0^s.049$, in Dec. +0″.02.

8863. H. P. 4121. Constellation, Piscis Austrinus.

8872. Circumpolar Standard.

8877. Inn. $23^h$ 25. Magnitudes of components, 8.87 and 6.20. Difference in magnitude derived from 12 observations with double image photometer.

8895. Inn. $23^h$ 28. A. G. C. 31685 precedes $1^s.6$, south 23″, magn. 7.2. Magnitudes of components, 7.37 and 6.48. Difference in magnitude derived from 12 observations with double image photometer.

8911. See H. A., **23**, 227.

8912. See H. A., **23**, 227.

8926. Spectroscopic binary. Class B.

8929. One observation, in H. A. **45**, gives the residual *08*.

8943. In Potsdam, **17**, 280, for Dec. +30° 36′.4, read +30° 46′.4.

8945. Entered on the authority of Williams, who gives the magnitude, 5.85. In C. P. D., magn. 7.5. In A. G. C., magn. 7.3.

8961. Parallax, —0″.02. Proper motion, in R. A. $+0^s.016$, in Dec. —0″.42. Spectroscopic binary. Class B. Period, $20^d.5$.

8966. Inn. $23^h$ 48. A. G. C. 31981 precedes $0^s.5$, north 1″, magn. 7.5. Magnitudes of components, 7.35 and 6.78. Difference in magnitude derived from 4 observations with double image photometer.

8969. Parallax, 0″.14. Proper motion, in R. A. $+0^s.023$, in Dec. —0″.44.

8972. Circumpolar Standard.

8980. In H. P., 103 Aquarii. See H. R. 8982.

8982. In H. P., A 104 Aquarii.

8987. One observation, in H. A. **46**, gives the residual 07.

8989. Circumpolar Standard. Probably wrongly identified in Draper Catalogue.

8992. Variable. Class II. Period, $387^d.16$. Max. 6.2. Min. 11.0.

9002. In H. P., 107 Aquarii.

9007. In W, residual *118*.

9031. In H. P., $i^2$ 108 Aquarii.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



9035. 23 Piscium. See H. A. **23**, 227.
9043. S. M. P. 7876.
9044. Bu. 12623. Inn. $23^h$ 65. A. G. C. 32252 follows $0^s.5$, south 0″, magn. 7.2. Magnitudes of components, 7.24 and 6.85. Difference in magnitude derived from 8 observations with double image photometer. Burnham, Innes, and the photometric measures make the following star the brighter, the A. G. C., the fainter.
9049,50. Combined magn. 5.59.
9056. V Cephei. Supposed variable. Class II. Period, $360^d$. Max. 6.2. Min. 7.1. Photometric observations prove that the apparent variation is due to changes in position angle of the stars compared. See H. A. **55**, 67.
9060. In W, residual 119.
9066. Variable. Class II. Period, $438^d.0$. Max. 5.3. Min. 12.8. In D, magn. 6.80.
9074,5. Bu. 12675. Combined magn. 5.83. Magnitudes of components, 6.64 and 6.52. Difference in magnitude derived from 4 observations with double image photometer.
9088. Bu. 12701. A, B. Binary. Period, $25^y.70$. Semi-major axis, 0″.78. Parallax, 0″.05. Proper motion, in R. A. $+0^s.062$, in Dec. —0″.99. Newcomb. Parallax, 0″.10. Yale.
9090. Variable. Period, $366^d$. Max. 6.5. Min. 12.0.
9091. H. P. 4248.
9096. S. M. P. 7915.
9104. Circumpolar Standard.
9106. Inserted on the authority of Williams, who gives the magnitude, 6.25. In C. P. D. magn. 7.6. In A. G. C. magn. 7.3. In Table II, magn. 7.43.
9107. Parallax, —0″.00. Proper motion, in R. A. $+0^s.062$, in Dec. + 0″.08.

A comparison of the magnitudes in Table I, with those of the same stars measured with the meridian photometer during the years 1902 to 1906, will be found in Table II. The successive columns give the H. R. number, the number of sets of four settings each, the magnitude as determined by the meridian photometer, and the residual found by subtracting from this magnitude that given in the ninth column of Table I. H. R. 3999 is the variable star S Carinae, and was observed on J. D. 6979. H. R. 9106 was inserted on the authority of Williams, who gives the magnitude 6.25, as stated above.

TABLE II.

PHOTOMETRIC MAGNITUDES, 1902 TO 1906.

| H. R. | No. | Magn. | Res. | H. R. | No. | Magn. | Res. | H. R. | No. | Magn. | Res. | H. R. | No. | Magn. | Res. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 | 22 | 5.22 | *08* | 324 | 6 | 5.12 | *04* | 558 | 20 | 5.23 | 23 | 809 | 8 | 5.72 | *08* |
| 35 | 20 | 5.32 | 13 | 330 | 6 | 5.56 | *11* | 607 | 10 | 5.51 | *05* | 836 | 8 | 5.29 | *01* |
| 53 | 6 | 6.32 | 26 | 331 | 20 | 5.30 | 15 | 671 | 8 | 6.16 | 04 | 871 | 20 | 6.07 | 01 |
| 62 | 6 | 5.79 | *03* | 338 | 20 | 4.12 | *01* | 695 | 10 | 5.23 | *14* | 894 | 6 | 6.16 | 24 |
| 100 | 20 | 4.08 | 18 | 348 | 6 | 5.84 | 09 | 701 | 20 | 5.98 | *03* | 899 | 12 | 5.49 | 01 |
| 115 | 10 | 6.17 | *07* | 364 | 6 | 6.03 | 18 | 702 | 8 | 5.58 | 05 | 901 | 12 | 5.71 | 08 |
| 118 | 10 | 5.28 | 05 | 421 | 20 | 5.56 | *12* | 708 | 10 | 4.94 | 04 | 903 | 22 | 6.32 | 03 |
| 139 | 20 | 6.16 | 06 | 465 | 6 | 6.41 | 07 | 714 | 20 | 5.35 | *12* | 905 | 6 | 5.91 | 00 |
| 140 | 20 | 5.57 | 02 | 473 | 20 | 5.60 | *08* | 721 | 20 | 4.30 | *14* | 910 | 4 | 5.53 | *10* |
| 169 | 8 | 6.78 | *23* | 490 | 6 | 5.68 | 23 | 724 | 22 | 5.19 | 03 | 950 | 2 | 6.08 | 08 |
| 187 | 20 | 5.40 | *06* | 498 | 28 | 5.80 | 16 | 732 | 12 | 6.10 | 07 | 968 | 20 | 5.96 | 04 |
| 247 | 16 | 5.56 | *03* | 520 | 20 | 5.14 | 00 | 769 | 8 | 6.40 | 14 | 1062 | 10 | 5.56 | *03* |
| 262 | 6 | 6.16 | 22 | 522 | 6 | 5.93 | 20 | 776 | 20 | 5.17 | *12* | 1081 | 20 | 5.99 | *02* |
| 293 | 26 | 5.60 | 08 | 547 | 12 | 5.84 | 12 | 782 | 8 | 5.42 | 04 | 1092 | 20 | 5.87 | 09 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | No. | Magn. | Res. | H. R. | No. | Magn. | Res. | H. R. | No. | Magn. | Res. | H. R. | No. | Magn. | Res. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1109 | 20 | 5.58 | 06 | 2324 | 10 | 5.87 | 14 | 3871 | 12 | 4.79 | 19 | 4576 | 20 | 5.55 | 09 |
| 1126 | 2 | 5.64 | 14 | 2330 | 6 | 6.18 | 07 | 3875 | 20 | 5.64 | 07 | 4663 | 10 | 5.16 | 08 |
| 1134 | 20 | 5.07 | 14 | 2348 | 20 | 5.75 | 19 | 3886 | 20 | 5.65 | 03 | 4681 | 14 | 5.98 | 06 |
| 1146 | 10 | 5.22 | 13 | 2349 | 10 | 5.92 | 12 | 3900 | 6 | 5.30 | 03 | 4715 | 6 | 5.92 | 06 |
| 1153 | 2 | 5.32 | 04 | 2372 | 6 | 5.99 | 01 | 3902 | 20 | 5.39 | 04 | 4724 | 24 | 5.77 | 00 |
| 1170 | 2 | 5.81 | 05 | 2373 | 10 | 6.14 | 05 | 3906 | 6 | 6.00 | 12 | 4749 | 26 | 6.11 | 11 |
| 1217 | 10 | 5.94 | 00 | 2550 | 20 | 3.25 | 05 | 3937 | 8 | 5.40 | 22 | 4773 | 20 | 3.92 | 12 |
| 1227 | 20 | 6.44 | 02 | 2596 | 10 | 4.36 | 03 | 3947 | 20 | 5.27 | 02 | 4775 | 16 | 4.34 | 08 |
| 1347 | 20 | 3.64 | 05 | 2602 | 20 | 5.43 | 09 | 3960 | 6 | 6.00 | 11 | 4780 | 6 | 6.28 | 14 |
| 1350 | 2 | 4.97 | 08 | 2619 | 20 | 5.07 | 00 | 3971 | 6 | 6.06 | 28 | 4781 | 14 | 5.54 | 13 |
| 1353 | 10 | 6.04 | 04 | 2640 | 10 | 5.74 | 06 | 3984 | 6 | 6.35 | 01 | 4802 | 20 | 3.97 | 05 |
| 1365 | 20 | 6.02 | 02 | 2648 | 10 | 5.02 | 13 | 3992 | 6 | 6.07 | 21 | 4803 | 14 | 5.48 | 04 |
| 1383 | 10 | 5.20 | 03 | 2666 | 20 | 5.20 | 06 | 3999 | 2 | 5.26 | R | 4830 | 20 | 5.97 | 03 |
| 1424 | 2 | 6.35 | 09 | 2683 | 20 | 5.17 | 13 | 4022 | 6 | 6.31 | 17 | 4847 | 6 | 5.21 | 03 |
| 1438 | 10 | 6.28 | 17 | 2710 | 4 | 6.13 | 09 | 4023 | 20 | 3.95 | 14 | 4865 | 6 | 5.78 | 14 |
| 1443 | 20 | 5.13 | 03 | 2965 | 2 | 5.88 | 01 | 4064 | 8 | 6.66 | 19 | 4921 | 16 | 5.89 | 02 |
| 1448 | 6 | 5.73 | 05 | 2994 | 20 | 5.61 | 01 | 4070 | 8 | 6.15 | 05 | 4940 | 20 | 4.84 | 12 |
| 1559 | 20 | 5.80 | 02 | 3004 | 8 | 5.67 | 14 | 4082 | 10 | 6.07 | 03 | 4947 | 22 | 5.73 | 12 |
| 1563 | 20 | 5.40 | 20 | 3029 | 2 | 5.42 | 10 | 4086 | 22 | 5.36 | 04 | 4951 | 20 | 5.80 | 16 |
| 1645 | 10 | 5.61 | 06 | 3037 | 20 | 5.24 | 02 | 4090 | 10 | 4.67 | 16 | 4958 | 16 | 4.88 | 23 |
| 1646 | 10 | 6.07 | 09 | 3056 | 20 | 6.28 | 10 | 4096 | 6 | 6.06 | 26 | 5025 | 6 | 5.88 | 08 |
| 1649 | 20 | 5.35 | 09 | 3135 | 2 | 6.52 | 33 | 4123 | 14 | 5.61 | 10 | 5084 | 20 | 5.58 | 07 |
| 1659 | 6 | 5.53 | 03 | 3260 | 20 | 5.21 | 05 | 4125 | 14 | 6.46 | 01 | 5117 | 6 | 6.50 | 12 |
| 1676 | 6 | 4.82 | 04 | 3283 | 20 | 5.16 | 01 | 4134 | 20 | 4.92 | 16 | 5141 | 20 | 5.15 | 25 |
| 1677 | 20 | 5.26 | 04 | 3285 | 2 | 5.84 | 23 | 4189 | 12 | 5.51 | 04 | 5163 | 14 | 6.60 | 21 |
| 1705 | 10 | 4.41 | 05 | 3293 | 20 | 5.89 | 18 | 4227 | 14 | 5.35 | 08 | 5167 | 12 | 5.89 | 11 |
| 1712 | 6 | 5.80 | 01 | 3334 | 20 | 5.29 | 11 | 4248 | 16 | 4.70 | 14 | 5170 | 12 | 6.23 | 08 |
| 1746 | 6 | 5.25 | 20 | 3359 | 20 | 5.18 | 12 | 4250 | 20 | 5.28 | 29 | 5174 | 20 | 5.23 | 01 |
| 1861 | 10 | 5.34 | 04 | 3367 | 2 | 5.33 | 05 | 4288 | 10 | 4.98 | 14 | 5179 | 6 | 5.82 | 13 |
| 1869 | 6 | 6.09 | 04 | 3552 | 8 | 6.14 | 11 | 4299 | 20 | 4.59 | 38 | 5206 | 20 | 5.88 | 01 |
| 1917 | 20 | 5.21 | 09 | 3553 | | | | 4313 | 32 | 5.47 | 06 | 5220 | 6 | 6.14 | 15 |
| 1928 | 6 | 5.22 | 22 | 3587 | 2 | 5.96 | 13 | 4317 | 22 | 5.76 | 07 | 5222 | 6 | 5.62 | 02 |
| 1947 | 20 | 5.81 | 00 | 3595 | 2 | 5.61 | 16 | 4319 | 8 | 5.49 | 17 | 5224 | 6 | 6.21 | 06 |
| 1968 | 10 | 5.86 | 00 | 3605 | 20 | 5.36 | 06 | 4327 | 20 | 5.21 | 13 | 5255 | 10 | 5.87 | 45 |
| 1973 | 20 | 5.28 | 03 | 3637 | 10 | 6.21 | 01 | 4332 | 8 | 5.74 | 11 | 5264 | 8 | 4.27 | 07 |
| 1990 | 6 | 5.44 | 07 | 3638 | 10 | 5.82 | 08 | 4347 | 20 | 6.10 | 01 | 5281 | 6 | 6.48 | 02 |
| 1998 | 10 | 3.50 | 17 | 3651 | 6 | 6.28 | 17 | 4401 | 20 | 5.22 | 12 | 5292 | 6 | 6.34 | 09 |
| 1999 | 6 | 5.20 | 07 | 3652 | 6 | 5.20 | 10 | 4456 | 12 | 6.01 | 25 | 5320 | 20 | 5.88 | 00 |
| 2059 | 20 | 6.09 | 15 | 3654 | 20 | 5.01 | 05 | 4477 | 10 | 5.47 | 05 | 5336 | 20 | 5.12 | 08 |
| 2072 | 20 | 5.79 | 16 | 3684 | 20 | 4.56 | 14 | 4479 | 20 | 5.66 | 08 | 5349 | 6 | 5.34 | 06 |
| 2258 | 6 | 6.22 | 05 | 3760 | 10 | 6.11 | 07 | 4494 | 28 | 4.74 | 14 | 5358 | 20 | 4.39 | 02 |
| 2288 | 20 | 5.52 | 08 | 3776 | 6 | 6.10 | 09 | 4505 | 8 | 6.67 | 17 | 5365 | 8 | 5.47 | 16 |
| 2298 | 6 | 4.28 | 05 | 3849 | 10 | 5.18 | 22 | 4519 | 20 | 5.36 | 08 | 5371 | 6 | 5.06 | 17 |
| 2299 | | | | 3856 | 20 | 4.65 | 02 | 4545 | 16 | 6.24 | 10 | 5373 | 8 | 6.33 | 35 |
| 2320 | 20 | 5.55 | 17 | 3857 | 6 | 5.95 | 08 | 4558 | 14 | 5.30 | 20 | 5376 | 22 | 5.64 | 08 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | No. | Magn. | Res. | H. R. | No. | Magn. | Res. | H. R. | No. | Magn. | Res. | H. R. | No. | Magn. | Res. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5390 | 12 | 5.25 | *14* | 6291 | 14 | 5.63 | 03 | 7262 | 10 | 5.25 | 12 | 8286 | 20 | 6.09 | *09* |
| 5392 | 8 | 5.22 | 14 | 6320 | 20 | 5.82 | *06* | 7287 | 14 | 5.14 | 04 | 8295 | 8 | 5.88 | *11* |
| 5406 | 12 | 6.26 | 10 | 6355 | 14 | 4.95 | 04 | 7292 | 22 | 4.82 | *11* | 8323 | 20 | 5.53 | *17* |
| 5412 | 20 | 5.58 | 09 | 6367 | 14 | 6.08 | 06 | 7416 | 20 | 5.66 | *21* | 8326 | 20 | 5.04 | *05* |
| 5433 | 8 | 6.11 | 21 | 6380 | 20 | 3.30 | *14* | 7431 | 22 | 5.67 | *01* | 8328 | 6 | 5.68 | 18 |
| 5556 | 20 | 5.50 | *06* | 6397 | 28 | 5.58 | 08 | 7447 | 22 | 4.37 | 09 | 8332 | 10 | 6.13 | *07* |
| 5567 | 10 | 5.94 | 17 | 6411 | 20 | 5.46 | *14* | 7474 | 22 | 5.24 | 07 | 8356 | 6 | 5.12 | 07 |
| 5570 | 14 | 4.60 | 01 | 6418 | 8 | 2.99 | *37* | 7486 | 18 | 6.03 | 19 | 8368 | 20 | 4.38 | *18* |
| 5591 | 14 | 5.90 | 03 | 6435 | 16 | 6.06 | 02 | 7496 | 20 | 5.46 | *04* | 8513 | 12 | 5.41 | 06 |
| 5595 | 24 | 5.53 | 08 | 6440 | 20 | 5.77 | *11* | 7502 | 14 | 5.95 | 06 | 8518 | 10 | 3.87 | *10* |
| 5601 | 10 | 4.43 | *19* | 6455 | 6 | 5.45 | 13 | 7507 | 24 | 5.55 | *01* | 8523 | 12 | 4.54 | *12* |
| 5602 | 10 | 3.45 | *18* | 6497 | 10 | 6.08 | 10 | 7510 | 20 | 5.38 | *14* | 8524 | 20 | 5.62 | *20* |
| 5626 | 20 | 4.17 | *22* | 6534 | 16 | 5.64 | *05* | 7567 | 8 | 5.75 | 13 | 8553 | 12 | 6.09 | 02 |
| 5634 | 16 | 4.99 | *04* | 6552 | 6 | 6.48 | 04 | 7601 | 6 | 5.63 | 16 | 8563 | 10 | 6.00 | 05 |
| 5652 | 14 | 4.64 | *02* | 6569 | 20 | 4.77 | *07* | 7617 | 6 | 6.19 | *05* | 8573 | 10 | 4.89 | 00 |
| 5681 | 16 | 3.51 | *03* | 6581 | 20 | 4.28 | *11* | 7703 | 20 | 5.22 | *12* | 8593 | 20 | 6.24 | *02* |
| 5684 | 6 | 6.34 | *14* | 6588 | 10 | 3.85 | 06 | 7724 | 8 | 4.98 | 02 | 8616 | 20 | 5.70 | 10 |
| 5782 | 20 | 5.74 | *02* | 6622 | 20 | 5.75 | *15* | 7736 | 6 | 4.92 | *06* | 8641 | 12 | 4.80 | *05* |
| 5843 | 22 | 5.43 | 17 | 6623 | 8 | 3.36 | *12* | 7773 | 18 | 4.87 | 03 | 8723 | 12 | 5.76 | 13 |
| 5848 | 16 | 5.47 | *08* | 6627 | 6 | 5.77 | 19 | 7779 | 20 | 5.64 | 00 | 8739 | 6 | 5.87 | 08 |
| 5851 | 20 | 5.64 | *11* | 6658 | 20 | 5.49 | *19* | 7789 | 6 | 5.50 | 09 | 8767 | 20 | 5.11 | *02* |
| 5852 | | | | 6680 | 20 | 5.83 | 07 | 7801 | 18 | 5.80 | *17* | 8773 | 6 | 4.67 | 09 |
| 5859 | 12 | 5.69 | 13 | 6695 | 8 | 3.75 | *24* | 7803 | 8 | 6.24 | 13 | 8787 | 20 | 4.28 | *07* |
| 5860 | 30 | 5.69 | 08 | 6752 | 8 | 3.87 | *20* | 7821 | 16 | 6.18 | 15 | 8789 | 16 | 4.45 | *32* |
| 5872 | 20 | 6.15 | *06* | 6794 | 8 | 5.13 | *11* | 7863 | 20 | 5.98 | *16* | 8793 | 20 | 5.97 | *15* |
| 5873 | 20 | 5.86 | 02 | 6819 | 20 | 5.42 | *12* | 7870 | 6 | 5.76 | 17 | 8799 | 12 | 6.10 | 17 |
| 5875 | 22 | 5.64 | 03 | 6845 | 6 | 5.56 | 14 | 7881 | 20 | 5.17 | *19* | 8830 | 8 | 4.58 | *04* |
| 5885 | 20 | 4.72 | *05* | 6875 | 20 | 5.32 | *10* | 7920 | 20 | 4.53 | *17* | 8840 | 10 | 5.67 | 12 |
| 5914 | 20 | 4.66 | 05 | 6881 | 16 | 5.75 | 02 | 7928 | 14 | 4.34 | *19* | 8890 | 10 | 5.26 | *04* |
| 5971 | 10 | 5.04 | 13 | 6895 | 10 | 3.77 | *15* | 8034 | 18 | 5.26 | *03* | 8919 | 20 | 5.82 | 08 |
| 5972 | 8 | 4.94 | 12 | 6936 | 26 | 5.42 | *02* | 8045 | 22 | 5.99 | 07 | 8935 | 20 | 5.79 | 01 |
| 6023 | 6 | 4.20 | *06* | 6990 | 18 | 5.78 | 03 | 8075 | 22 | 4.10 | *09* | 8937 | 22 | 4.48 | 02 |
| 6061 | 14 | 6.18 | 08 | 6993 | 16 | 5.79 | *01* | 8100 | 20 | 5.84 | 00 | 8947 | 4 | 5.53 | 03 |
| 6074 | 6 | 5.79 | 06 | 6997 | 6 | 5.39 | *07* | 8114 | 20 | 5.81 | *03* | 8962 | 8 | 5.70 | *16* |
| 6100 | 20 | 5.52 | 09 | 7027 | 20 | 6.13 | *09* | 8135 | 32 | 4.74 | *05* | 8963 | 4 | 5.54 | 12 |
| 6111 | 6 | 6.00 | 28 | 7036 | 20 | 5.75 | *14* | 8141 | 22 | 5.81 | 13 | 8983 | 2 | 5.94 | 09 |
| 6114 | 20 | 5.75 | *03* | 7129 | 22 | 5.43 | 02 | 8143 | 18 | 4.20 | *08* | 9001 | 20 | 6.42 | 09 |
| 6117 | 8 | 4.65 | 12 | 7134 | 20 | 4.90 | *13* | 8144 | 16 | 6.11 | 02 | 9006 | 20 | 5.32 | *05* |
| 6123 | 12 | 5.56 | 03 | 7166 | 18 | 5.55 | 19 | 8194 | 4 | 6.12 | *10* | 9016 | 10 | 4.67 | 03 |
| 6133 | 6 | 6.63 | 17 | 7172 | 8 | 5.19 | *18* | 8209 | 4 | 5.96 | 12 | 9025 | 2 | 5.85 | *06* |
| 6141 | 16 | 4.88 | 01 | 7209 | 20 | 5.43 | *12* | 8249 | 20 | 6.29 | *03* | 9031 | 10 | 5.26 | *06* |
| 6155 | 20 | 4.94 | *21* | 7215 | 10 | 4.93 | *13* | 8253 | 12 | 5.72 | *05* | 9061 | 2 | 5.76 | 08 |
| 6179 | 16 | 6.07 | 07 | 7228 | 20 | 5.48 | 00 | 8265 | 6 | 6.18 | 13 | 9087 | 10 | 5.21 | 06 |
| 6234 | 16 | 5.28 | 00 | 7250 | 14 | 5.80 | 08 | 8267 | 4 | 5.42 | 13 | 9106 | 6 | 7.43 | R |
| 6254 | 14 | 4.83 | *03* | 7257 | 20 | 5.93 | 07 | 8272 | 4 | 6.13 | 02 | | | | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



The constellation given in the Harvard Photometry differs in a few cases from that in the Argentine General Catalogue. Table III gives, for these stars, the H. R. number and the constellation according to the Harvard Photometry. The constellation according to the Argentine Catalogue is given in Table I, as explained on page 8.

TABLE III.

CONSTELLATION IN HARVARD PHOTOMETRY.

| H. R. | Constellation. | H. R. | Constellation. | H. R. | Constellation. | H. R. | Constellation. |
|---|---|---|---|---|---|---|---|
| 11 | Cetus | 963 | Eridanus | 3314 | Monoceros | 5989 | Libra |
| 14 | Cetus | 980 | Eridanus | 3324 | Monoceros | 5990 | Libra |
| 24 | Piscis Austr. | 993 | Eridanus | 3383 | Monoceros | 6016 | Libra |
| 29 | Cetus | 1004 | Eridanus | 3398 | Monoceros | 6196 | Scorpius |
| 34 | Piscis Austr. | 1013 | Eridanus | 3459 | Monoceros | 6202 | Scorpius |
| 42 | Cetus | 1018 | Eridanus | 3828 | Hydra | 6496 | Serpens |
| 84 | Piscis Austr. | 1045 | Eridanus | 3830 | Hydra | 6681 | Ophiuchus |
| 105 | Piscis Austr. | 1171 | Eridanus | 4049 | Hydra | 6686 | Serpens |
| 268 | Cetus | 1184 | Eridanus | 4118 | Hydra | 6706 | Serpens |
| 280 | Cetus | 1583 | Eridanus | 4233 | Hydra | 6732 | Serpens |
| 436 | Cetus | 1604 | Eridanus | 4428 | Hydra | 6858 | Sagittarius |
| 514 | Cetus | 1758 | Lepus | 4587 | Crater | 7119 | Sagittarius |
| 594 | Cetus | 1919 | Orion | 4590 | Crater | 7722 | Sagittarius |
| 612 | Cetus | 1926 | Lepus | 4935 | Corvus | 7890 | Aquila |
| 652 | Cetus | 2140 | Columba | 5098 | Centaurus | 8024 | Capricornus |
| 683 | Cetus | 2142 | Orion | 5128 | Centaurus | 8110 | Piscis Austr. |
| 695 | Cetus | 2154 | Orion | 5197 | Centaurus | 8135 | Piscis Austr. |
| 703 | Cetus | 2192 | Columba | 5228 | Centaurus | 8378 | Aquarius |
| 730 | Eridanus | 2200 | Columba | 5390 | Hydra | 8743 | Aquarius |
| 733 | Cetus | 2206 | Columba | 5484 | Hydra | 8754 | Aquarius |
| 735 | Eridanus | 2275 | Monoceros | 5542 | Lupus | 8802 | Piscis Austr. |
| 749 | Cetus | 2284 | Monoceros | 5565 | Lupus | 8813 | Piscis Austr. |
| 841 | Eridanus | 2305 | Monoceros | 5591 | Lupus | 8863 | Piscis Austr. |
| 844 | Eridanus | 2313 | Orion | 5603 | Scorpius | 8883 | Piscis Austr. |
| 845 | Eridanus | 2392 | Monoceros | 5775 | Scorpius | 9016 | Piscis Austr. |
| 900 | Eridanus | 2502 | Canis Major | 5794 | Scorpius | 9043 | Cetus |
| 901 | Eridanus | 2859 | Monoceros | 5812 | Scorpius | 9044 | Cetus |
| 914 | Eridanus | 3212 | Monoceros | 5875 | Serpens | 9091 | Piscis Austr. |
| 943 | Eridanus | | | | | | |

The region covered by the Bonn Durchmusterung is that north of declination $-23° 0'$, in 1855. The Cordoba Durchmusterung includes stars, in 1875, as far north as $-22° 0'$. The fourth column of Table I contains the numbers

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



of the stars in the zones of these catalogues. For stars contained in both catalogues, the number in the Bonn Durchmusterung is given in Table I, and that in the Cordoba Durchmusterung in Table IV. This list contains not only stars in Zone −22°, but a few from Zone −23°, carried north by precession. The two columns of Table IV give the H. R. number, and the number in the Cordoba Durchmusterung.

TABLE IV.

STARS COMMON TO BONN AND CORDOBA DURCHMUSTERUNGS.

| H. R. | C. DM. | H. R. | C. DM. | H. R. | C. DM. | H. R. | C. DM. | H. R. | C. DM. |
|---|---|---|---|---|---|---|---|---|---|
| 197 | −22° 239 | 2186 | −22° 2806 | 3023 | −22° 5140 | 4661 | −22° 9344 | 6727 | −22° 12473 |
| 220 | −22° 261 | 2254 | −22° 2917 | 3102 | −22° 5403 | 4759 | −23° 10572 | 7046 | −22° 13275 |
| 433 | −22° 516 | 2414 | −22° 3235 | 3123 | −22° 5476 | 4786 | −22° 9505 | 7088 | −22° 13340 |
| 826 | −22° 943 | 2433 | −22° 3272 | 3276 | −22° 6017 | 4918 | −22° 9687 | 7116 | −22° 13399 |
| 862 | −22° 984 | 2481 | −22° 3403 | 3308 | −22° 6115 | 4958 | −22° 9774 | 7120 | −22° 13419 |
| 994 | −22° 1146 | 2595 | −22° 3720 | 3344 | −22° 6201 | 5020 | −22° 9855 | 7159 | −22° 13478 |
| 1003 | −22° 1154 | 2603 | −22° 3758 | 3430 | −22° 6442 | 5080 | −22° 9961 | 7182 | −22° 13527 |
| 1088 | −22° 1238 | 2730 | −22° 4195 | 3646 | −22° 6945 | 5146 | −22° 10061 | 7327 | −22° 13846 |
| 1634 | −22° 1960 | 2733 | −22° 4204 | 3767 | −22° 7295 | 5246 | −22° 10206 | 7375 | −22° 13950 |
| 1654 | −22° 1997 | 2799 | −22° 4383 | 3810 | −22° 7357 | 5499 | −22° 10645 | 7658 | −22° 14454 |
| 1968 | −22° 2400 | 2826 | −22° 4462 | 3858 | −23° 8624 | 5806 | −22° 11100 | 7748 | −22° 14603 |
| 1982 | −22° 2437 | 2855 | −22° 4526 | 4071 | −23° 9219 | 5819 | −22° 11115 | 7825 | −22° 14746 |
| 1983 | −22° 2438 | 2860 | −22° 4540 | 4145 | −23° 9386 | 5953 | −22° 11292 | 8204 | −22° 15388 |
| 2036 | −22° 2534 | 2874 | −22° 4587 | 4149 | −22° 8332 | 6291 | −22° 11734 | 8213 | −22° 15402 |
| 2086 | −22° 2593 | 2906 | −22° 4702 | 4343 | −22° 8743 | 6617 | −22° 12236 | 8516 | −22° 15862 |
| 2180 | −22° 2793 | 2976 | −22° 4950 | 4635 | −22° 9308 | 6716 | −22° 12441 | 8932 | −22° 16349 |

A list of the stars common to the Draper Catalogue and the Cape Photographic Durchmusterung is contained in Table V. The first four columns give the H. R. number, the magnitude in the Draper Catalogue, the magnitude in the Cape Photographic Durchmusterung, and the residual found by subtracting from the latter the magnitude given in the ninth column of Table I, taken to the nearest tenth. This residual is expressed in tenths, and is the same as that given for other stars in the Cape Durchmusterung, in the column headed D in Table I, and serves to render complete the residuals for that work. It will be noticed that when the spectrum is K or M, indicating that the star is red, the residual in the fourth column often exceeds two magnitudes. The residuals for the Draper Catalogue are all given in Table I. The class of spectrum is given

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



in the fifth column, taken from the last column of Table I. H. R., 85 and 6616 are variable, and therefore no residuals are given for them in the fourth column of Table V.

TABLE V.

STARS COMMON TO D. C. AND C. P. D.

| H. R. | D. C. | C. P. D. | D. | Sp. | H. R. | D. C. | C. P. D. | D. | Sp. | H. R. | D. C. | C. P. D. | D. | Sp. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 6.38 | 6.0 | 1 | F | 735 | 6.20 | 7.3 | 9 | K 5 | 1496 | 6.05 | 6.1 | 16 | Ma |
| 12 | 5.94 | 5.7 | *2* | A | 745 | 6.29 | 7.3 | 9 | K | 1525 | 5.86 | 6.8 | 8 | A |
| 24 | 6.50 | 6.2 | 7 | F 2 | 749 | 4.65 | 5.3 | 3 | B 9 | 1583 | 6.18 | 7.0 | 4 | K |
| 48 | 6.00 | 5.8 | 11 | Ma | 818 | 4.84 | 4.6 | 0 | F 5 | 1621 | 4.74 | 4.7 | *3* | A |
| 61 | 5.98 | 6.0 | *5* | A | 826 | 6.61 | 6.5 | 0 | F | 1628 | 5.82 | 6.6 | 16 | K |
| 66 | 6.50 | 6.6 | 1 | F | 827 | 6.15 | 6.4 | *3* | F | 1634 | 6.40 | 6.8 | 10 | K |
| 85 | var. | 7.5 | R | Mb | 844 | 6.20 | 7.4 | 11 | G 5 | 1645 | 5.46 | 5.5 | *1* | A |
| 108 | 6.19 | 6.5 | 1 | F 5 | 845 | 5.01 | 6.0 | 6 | A | 1654 | 4.76 | 5.8 | 25 | K 5 |
| 118 | 5.22 | 5.8 | 6 | A 5 | 850 | 5.75 | 5.8 | 10 | K | 1655 | 6.57 | 7.2 | 13 | A |
| 151 | 5.74 | 6.8 | 7 | A 2 | 889 | 5.12 | 7.3 | 13 | K | 1723 | 5.60 | 4.7 | *3* | A |
| 159 | 5.95 | 6.5 | 8 | K | 901 | 5.69 | 6.0 | 4 | F | 1758 | 5.44 | 5.7 | *1* | A |
| 173 | 6.02 | 6.9 | 7 | K | 919 | 4.60 | 4.4 | 2 | A 3 | 1762 | 4.66 | 4.6 | *1* | A |
| 197 | 5.17 | 5.8 | 5 | A 5 | 963 | 4.88 | 4.2 | 2 | F 8 | 1771 | 5.89 | 5.7 | *2* | F |
| 210 | 5.84 | 6.6 | 10 | G 5 | 980 | 6.17 | 6.4 | 3 | A 2 | 1812 | 6.35 | 6.8 | 10 | A |
| 220 | 5.41 | 5.0 | *4* | B 9 | 994 | 5.55 | 5.9 | 9 | K | 1829 | 4.07 | 4.1 | 11 | G |
| 228 | 6.06 | 6.9 | 8 | G 5 | 997 | 5.76 | 6.4 | 6 | K | 1849 | 5.67 | 5.8 | 3 | A |
| 232 | 5.78 | 6.2 | 0 | A | 1003 | 5.46 | 5.7 | 17 | Mb | 1968 | 5.96 | 6.1 | 2 | A |
| 247 | 5.96 | 6.6 | 10 | K | 1004 | 6.61 | 7.0 | 10 | Ma | 1983 | 4.50 | 4.4 | 6 | F 8 |
| 251 | 6.25 | 6.4 | 0 | F 5 | 1013 | 6.40 | 6.5 | 1 | F 2 | 2026 | 5.64 | 6.1 | 3 | A |
| 320 | 6.16 | 7.4 | 11 | K | 1016 | 5.88 | 6.8 | 11 | F 8 | 2035 | 4.82 | 5.6 | 17 | K |
| 325 | 5.91 | 7.0 | 7 | A | 1018 | 5.78 | 6.4 | 1 | A | 2036 | 6.30 | 7.7 | 16 | G 2 |
| 394 | 6.22 | 6.8 | 4 | A | 1045 | 6.33 | 6.8 | 8 | G | 2060 | 6.45 | 7.5 | 10 | A 2 |
| 433 | 5.11 | 5.0 | *1* | A | 1082 | 5.78 | 6.2 | *1* | A | 2086 | 6.25 | 7.5 | 15 | K |
| 436 | 6.46 | 7.4 | 14 | K | 1088 | 4.45 | 3.6 | *7* | B 8 | 2129 | 5.67 | 6.3 | 4 | A |
| 473 | 5.68 | 5.5 | *2* | A | 1128 | 6.32 | 6.6 | 1 | A | 2140 | 6.02 | 6.9 | 17 | G 5 |
| 474 | 6.19 | 6.0 | *4* | A | 1173 | 5.01 | 4.5 | 2 | F 8 | 2163 | 5.23 | 5.3 | *2* | A 2 |
| 514 | 5.74 | 6.4 | 10 | A | 1181 | 5.82 | 5.6 | 6 | A 2 | 2164 | 5.76 | 5.8 | 1 | A 2 |
| 565 | 5.79 | 6.2 | 10 | K 5 | 1213 | 4.96 | 4.3 | *5* | B 5 | 2166 | 6.22 | 7.8 | 17 | Mb |
| 583 | 6.27 | 7.0 | 13 | Ma | 1240 | 4.82 | 4.5 | *2* | Ap | 2168 | 6.21 | 7.4 | 19 | Ma |
| 585 | 6.47 | 5.4 | 12 | Ma | 1258 | 5.94 | 5.8 | *6* | A | 2180 | 5.21 | 5.7 | 2 | A |
| 612 | 5.31 | 4.1 | *6* | Ap | 1259 | | | | K 5 | 2186 | 5.78 | 6.3 | 6 | F 5 |
| 630 | 6.01 | 7.0 | 5 | F | 1300 | 5.89 | 5.8 | 0 | A | 2200 | 6.12 | 7.3 | 15 | K |
| 651 | 6.02 | 6.3 | 3 | K | 1353 | 6.24 | 6.0 | *1* | A | 2206 | 5.69 | 6.2 | 2 | A |
| 683 | 6.37 | 7.2 | 8 | G | 1367 | 5.43 | 4.8 | *5* | A | 2254 | 6.25 | 7.9 | 19 | A |
| 695 | 5.52 | 6.1 | 7 | F | 1461 | 6.14 | 7.2 | 10 | A | 2266 | 5.17 | 5.7 | 4 | B 5 |
| 713 | 5.94 | 6.7 | 7 | K | 1464 | 5.52 | 5.0 | 11 | K | 2271 | 5.53 | 6.2 | 5 | A |
| 730 | 5.29 | 6.2 | *4* | A 5 | 1495 | 6.21 | 6.8 | 12 | K | 2282 | 3.45 | 3.5 | 4 | B 3 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | D. C. | C. P. D. | D. | Sp. | H. R. | D. C. | C. P. D. | D. | Sp. | H. R. | D. C. | C. P. D. | D. | Sp. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2306 | 6.67 | 6.8 | 2 | A | 2841 | 5.22 | 6.3 | 4 | A | 3921 | 6.16 | 6.2 | *1* | A 2 |
| 2380 | 5.58 | 6.2 | 4 | B 8 | 2855 | 5.07 | 5.7 | 2 | B 2 p | 3931 | 6.28 | 6.6 | 4 | A 5 |
| 2387 | 4.24 | 4.9 | 5 | B 1 | 2860 | 5.60 | 6.4 | 7 | B 8 | 3946 | 6.09 | 6.1 | 0 | B 5 |
| 2414 | 4.45 | 5.3 | 8 | A | 2863 | 5.49 | 6.4 | 9 | B 9 | 3962 | 6.34 | 7.4 | 7 | A |
| 2429 | 4.91 | 6.4 | 23 | K | 2874 | 4.87 | 5.6 | 8 | A 3 p | 3965 | 6.01 | 6.4 | 6 | A |
| 2455 | 5.48 | 6.5 | 6 | A | 2899 | 5.41 | 7.8 | 20 | K | 4049 | 6.01 | 7.0 | 14 | A |
| 2509 | 5.73 | 6.0 | 0 | A | 2900 | 5.66 | 7.0 | 13 | A | 4071 | 6.34 | 7.0 | 5 | F 5 |
| 2528 | 5.53 | 7.0 | 8 | A | 2906 | 4.83 | 5.5 | 10 | F 8 | 4073 | 6.31 | 6.7 | 3 | A |
| 2537 | 6.10 | 7.0 | 2 | A | 2909 | 5.22 | 6.3 | 3 | F | 4076 | 5.88 | 6.7 | 6 | A |
| 2544 | 5.39 | 6.4 | 2 | B 3 | 2910 | | | | | 4149 | 6.40 | 7.0 | 8 | G 2 |
| 2571 | 4.72 | 5.0 | 3 | B 1 | 2922 | 4.72 | 5.5 | 9 | B 8 | 4251 | 5.78 | 6.1 | 8 | K |
| 2578 | 5.72 | 7.0 | 8 | A | 2928 | 5.35 | 5.8 | 1 | B 3 | 4302 | 5.72 | 6.8 | 6 | A |
| 2580 | 5.37 | 7.2 | 31 | K 2 | 2944 | 4.72 | 5.4 | 8 | A | 4314 | 5.76 | 5.7 | 6 | F 5 |
| 2583 | 6.18 | 7.4 | 8 | Ob | 2948 | 3.86 | 4.6 | 8 | B 8 | 4317 | 5.96 | 5.7 | 0 | B 8 |
| 2588 | 5.72 | 6.2 | 4 | A 2 | 2949 | | | | B 3 | 4334 | 5.64 | 6.5 | 10 | A 2 |
| 2590 | 5.06 | 5.6 | 10 | F 5 | 2956 | 5.71 | 7.1 | 9 | B 8 | 4343 | 4.76 | 5.0 | 5 | A 2 |
| 2595 | 5.20 | 5.6 | 3 | B 3 | 2996 | 4.98 | 5.4 | 13 | A 2 p | 4428 | 5.63 | 6.3 | 6 | A |
| 2603 | 5.91 | 6.9 | 5 | A | 3004 | 5.44 | 6.6 | 11 | B 3 | 4440 | 6.19 | 7.2 | 9 | K |
| 2607 | 5.51 | 6.6 | 12 | F 5 | 3023 | 5.64 | 5.8 | 0 | A | 4443 | 5.65 | 6.0 | 9 | G |
| 2611 | 5.64 | 6.8 | 7 | A | 3034 | 4.84 | 5.4 | 8 | B 2 p | 4444 | | | | |
| 2616 | 5.25 | 5.8 | 1 | B 3 | 3045 | 4.81 | 6.4 | 29 | G | 4489 | 6.27 | 7.2 | 8 | K |
| 2618 | R | 3.2 | 16 | B 1 | 3102 | 4.95 | 5.8 | 14 | F 8 | 4532 | 6.17 | 7.1 | 17 | Mb |
| 2623 | 5.97 | 6.4 | 2 | A | 3168 | 5.73 | 6.4 | 3 | A | 4542 | 6.46 | 7.6 | 11 | K |
| 2625 | 6.14 | 6.6 | 5 | A | 3183 | 5.28 | 5.8 | 6 | A 3 | 4558 | 5.85 | 6.8 | 13 | G |
| 2640 | 5.35 | 6.5 | 7 | B 3 | 3185 | 3.82 | 4.7 | 18 | F 5 | 4579 | 5.90 | 7.0 | 6 | A |
| 2646 | 5.38 | 7.1 | 34 | K 5 | 3279 | 6.00 | 6.6 | 10 | F 8 | 4590 | 6.23 | 5.4 | 1 | B 3 |
| 2653 | 3.50 | 4.0 | 9 | B 5 p | 3308 | 5.80 | 5.5 | *1* | A | 4623 | 4.62 | 5.0 | 8 | F 2 |
| 2690 | 5.58 | 6.4 | 6 | B 3 p | 3316 | 6.28 | 6.6 | 6 | F | 4630 | 4.63 | 5.1 | 19 | K |
| 2693 | 2.92 | 4.4 | 24 | F 8 p | 3367 | 5.19 | 5.7 | 3 | A | 4635 | 5.36 | 5.7 | 3 | A 2 |
| 2695 | 5.28 | 7.4 | 9 | B 3 | 3420 | 5.08 | 5.4 | 2 | A | 4655 | 6.34 | 7.2 | 12 | G 2 |
| 2704 | 5.20 | 6.2 | 4 | B 8 | 3430 | 5.71 | 6.2 | 11 | K | 4661 | 6.20 | 7.0 | 6 | F |
| 2716 | 5.53 | 6.4 | 7 | A | 3483 | 5.75 | 6.5 | 5 | K | 4691 | 6.22 | 7.0 | 9 | G 5 |
| 2718 | 5.39 | 6.2 | 3 | B 3 | 3518 | 5.44 | 6.3 | 21 | K 2 | 4696 | 5.12 | 5.5 | 2 | B 8 |
| 2734 | 5.50 | 6.6 | 7 | B 3 | 3556 | 5.19 | 5.8 | 9 | A | 4711 | 6.14 | 7.4 | 16 | K |
| 2745 | 4.70 | 5.1 | 4 | B 5 | 3559 | 5.84 | 6.6 | 1 | A | 4778 | 5.41 | 7.1 | 9 | A 5 |
| 2749 | 4.04 | 4.7 | 9 | B 3 p | 3646 | 5.90 | 7.0 | 5 | A | 4786 | 4.20 | 4.8 | 20 | G 5 |
| 2755 | 5.48 | 7.0 | 7 | A | 3653 | 5.85 | 6.9 | 11 | K | 4797 | 5.54 | 7.1 | 10 | A 5 |
| 2764 | 5.22 | 7.6 | 28 | K 5 | 3749 | 5.36 | 6.3 | 14 | K | 4827 | 6.06 | 7.0 | 10 | F 5 |
| 2781 | 4.77 | 5.4 | 5 | Oe | 3808 | 5.98 | 6.1 | 9 | K 5 | 4935 | 5.84 | 6.6 | 9 | F 2 |
| 2782 | 4.16 | 5.2 | 8 | Oe 5 | 3810 | 5.83 | 5.8 | 0 | A | 4958 | 6.10 | 6.6 | 15 | K |
| 2786 | 5.72 | 7.2 | 18 | G | 3822 | 6.16 | 6.8 | 6 | A | 4978 | 6.28 | 7.2 | 7 | A |
| 2800 | 5.41 | 6.2 | 4 | B 3 | 3858 | 4.92 | 4.4 | *3* | B 2 | 4995 | 6.00 | 6.4 | 8 | G |
| 2826 | 5.43 | 6.6 | 5 | B 9 | 3862 | 5.54 | 5.7 | 7 | F 5 | 5001 | 6.05 | 6.7 | 14 | G 5 |
| 2827 | 3.54 | 3.8 | 14 | B 5 p | 3871 | 5.49 | 5.8 | 8 | F 2 | 5020 | 4.58 | 5.0 | 17 | G 5 |
| 2839 | 5.87 | 6.9 | 10 | A | 3919 | 5.94 | 7.0 | 20 | K | 5090 | 6.24 | 6.8 | 2 | A |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | D. C. | C. P. D. | D. | Sp. | H. R. | D. C. | C. P. D. | D. | Sp. | H. R. | D. C. | C. P. D. | D. | Sp. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5097 | 5.67 | 6.2 | 5 | A | 5904 | 4.90 | 5.2 | 5 | B 3 | 6402 | 5.32 | 5.5 | 9 | K |
| 5120 | 5.48 | 5.6 | 1 | A 2 | 5906 | 4.87 | 6.2 | 8 | A | 6424 | 5.87 | 6.3 | 11 | K |
| 5128 | 6.34 | 6.8 | 10 | F 2 | 5907 | 5.38 | 5.7 | 3 | G | 6425 | | | | |
| 5146 | 6.10 | 6.9 | 5 | A | 5912 | 5.30 | 6.5 | 6 | A | 6445 | 4.76 | 4.9 | 4 | F 5 |
| 5167 | 5.64 | 6.7 | 9 | A | 5915 | 5.56 | 6.0 | 1 | A | 6453 | 3.43 | 3.3 | *1* | B 3 |
| 5250 | 5.11 | 5.7 | 5 | B 8 | 5917 | 5.23 | 6.4 | 8 | A 2 | 6486 | 4.57 | 4.8 | 5 | F |
| 5257 | 5.26 | 7.1 | 13 | F | 5928 | 4.64 | 4.8 | 8 | B 3 | 6490 | 6.38 | 6.3 | 0 | K |
| 5272 | 6.01 | 7.1 | 9 | F | 5934 | 5.53 | 6.1 | 2 | F | 6519 | 4.83 | 5.3 | 4 | A |
| 5287 | 4.82 | 5.3 | 18 | K | 5942 | 4.86 | 5.8 | 4 | B 8 | 6595 | 5.52 | 5.6 | 7 | F |
| 5324 | 5.80 | 6.9 | 9 | A 2 | 5944 | 3.52 | 3.7 | 7 | B 2 p | 6616 | var. | 6.7 | R | F 8 |
| 5356 | 6.14 | 7.1 | 12 | F | 5953 | 2.99 | 2.9 | 4 | B | 6672 | 5.71 | 7.0 | 9 | G |
| 5390 | 5.97 | 6.8 | 14 | G 5 | 5984 | 3.03 | 3.0 | 1 | B 1 | 6680 | 6.02 | 6.8 | 10 | A |
| 5397 | 5.68 | 7.4 | 10 | A | 5985 | | | | | 6692 | 6.15 | 6.5 | 5 | G |
| 5407 | 5.64 | 5.2 | 2 | B 8 | 5988 | 5.04 | 6.1 | 2 | F | 6700 | 4.48 | 5.0 | 2 | A |
| 5438 | 6.01 | 7.0 | 5 | A | 5993 | 4.19 | 3.7 | *4* | B 2 | 6716 | 5.00 | 5.7 | 0 | B |
| 5484 | 5.46 | 6.2 | 4 | B 9 | 5997 | 5.31 | 5.4 | 8 | G | 6724 | 5.32 | 6.6 | 11 | F |
| 5497 | 5.25 | 5.6 | 6 | F 5 | 5998 | 5.37 | 6.6 | 4 | A | 6727 | 6.30 | 6.5 | *1* | G |
| 5499 | 6.30 | 6.9 | 10 | G 5 | 6003 | 4.99 | 6.2 | 4 | A | 6736 | 5.37 | 6.6 | 7 | Oe 5 |
| 5504 | 6.58 | 7.1 | 7 | F 2 | 6026 | 4.28 | 4.4 | 2 | B 3 | 6762 | 5.97 | 6.2 | 0 | A |
| 5514 | 5.55 | 5.7 | 0 | A | 6027 | | | | | 6766 | 5.61 | 6.4 | 17 | K |
| 5516 | 5.99 | 7.0 | 16 | K 5 | 6028 | 4.98 | 4.7 | 0 | B 3 | 6798 | 6.45 | 6.5 | 2 | A |
| 5517 | 5.62 | 6.1 | 3 | B 9 | 6029 | 5.52 | 6.6 | 9 | K | 6801 | 5.23 | 7.3 | 22 | K |
| 5526 | 5.89 | 7.0 | 24 | K 2 | 6054 | 5.35 | 6.8 | 6 | G | 6802 | 6.44 | 6.6 | 2 | G |
| 5548 | 6.32 | 6.6 | 12 | K | 6066 | 5.68 | 6.4 | 0 | K | 6812 | 4.23 | 4.2 | 2 | B 8 p |
| 5577 | 6.00 | 6.4 | 7 | A 5 | 6070 | 5.21 | 5.5 | 6 | A | 6822 | 5.89 | 5.8 | *2* | B |
| 5603 | 5.21 | 6.2 | 28 | Mb | 6081 | 5.03 | 5.6 | 8 | A 3 | 6823 | 5.35 | 5.2 | *2* | B 1 |
| 5614 | 6.49 | 7.0 | 4 | B 5 | 6084 | 3.75 | 3.9 | 8 | B 1 | 6842 | 6.10 | 7.1 | 24 | K 5 |
| 5652 | 4.27 | 4.5 | *2* | Ap | 6104 | 5.22 | 5.8 | 12 | K | 6896 | 5.64 | 7.0 | 20 | G 5 |
| 5655 | 5.98 | 6.5 | 1 | G | 6112 | 4.96 | 4.9 | 1 | B 5 | 6913 | 4.49 | 4.7 | 18 | K |
| 5656 | 5.70 | 6.6 | 6 | A 2 | 6113 | | | | | 6926 | 5.96 | 6.8 | 3 | A |
| 5678 | 5.91 | 7.4 | 17 | K | 6134 | 3.62 | 4.2 | 30 | Map | 6961 | 6.37 | 7.6 | 19 | K 5 |
| 5749 | 5.54 | 6.5 | 4 | A | 6141 | 4.81 | 4.7 | *2* | B 3 | 6969 | 6.38 | 7.4 | 9 | F |
| 5756 | 5.75 | 6.5 | 4 | F | 6153 | 4.63 | 4.5 | *1* | F | 6988 | 5.82 | 6.0 | 2 | A 5 |
| 5762 | 5.37 | 6.0 | 5 | A 2 | 6165 | 3.77 | 3.0 | 1 | B | 6990 | 5.18 | 5.8 | 0 | B 9 |
| 5765 | 5.77 | 6.7 | 4 | A | 6193 | 5.47 | 6.5 | 4 | A | 6998 | 5.83 | 6.8 | 9 | A |
| 5775 | 5.88 | 6.4 | 12 | K | 6202 | 5.82 | 6.8 | 12 | A | 7011 | 5.73 | 6.8 | 7 | A 2 |
| 5794 | 5.08 | 5.7 | 19 | K 2 | 6216 | 6.24 | 7.4 | 10 | G | 7035 | 5.35 | 6.7 | 9 | A |
| 5801 | 5.43 | 6.0 | 0 | B 9 | 6291 | 5.17 | 5.8 | 2 | A | 7038 | 6.03 | 7.1 | 7 | K |
| 5806 | 5.65 | 6.6 | 8 | K | 6294 | 5.85 | 6.8 | 7 | A | 7039 | 3.55 | 3.6 | 3 | B 8 |
| 5810 | 5.83 | 6.9 | 10 | K | 6310 | 5.71 | 6.4 | 6 | G | 7046 | 5.95 | 7.5 | 17 | K |
| 5819 | 5.55 | 6.4 | 2 | A | 6350 | 5.77 | 6.0 | *3* | A | 7077 | 6.30 | 7.0 | 6 | F |
| 5824 | 5.69 | 6.7 | 16 | K | 6354 | 6.02 | 6.4 | 2 | G | 7078 | 6.09 | 6.9 | 15 | K |
| 5838 | 5.75 | 6.6 | 16 | K | 6386 | 6.00 | 7.1 | 8 | A | 7088 | 5.81 | 6.6 | 4 | F 2 |
| 5885 | 4.91 | 5.1 | 3 | B 3 | 6387 | 5.93 | 6.4 | 3 | A | 7103 | 6.21 | 7.7 | 14 | K |
| 5902 | 4.97 | 5.0 | *1* | A | 6401 | 5.32 | 5.5 | 9 | K | 7114 | 6.17 | 7.0 | 12 | K |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | D. C. | C. P. D. | D. | Sp. | H. R. | D. C. | C. P. D. | D. | Sp. | H. R. | D. C. | C. P. D. | D. | Sp. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7116 | 5.65 | 6.9 | 19 | G 5 | 7410 | 5.32 | 6.7 | 7 | A 2 | 8457 | 5.87 | 6.4 | 3 | K |
| 7120 | 5.65 | 6.6 | 16 | K | 7431 | 5.25 | 5.8 | 1 | A 3 | 8464 | 5.71 | 6.4 | 2 | A. |
| 7121 | 2.77 | 2.9 | 8 | B 3 | 7439 | 5.71 | 6.5 | 4 | A 5 | 8470 | 5.59 | 6.0 | 4 | A |
| 7128 | 5.34 | 5.8 | *1* | B 8 | 7440 | 4.60 | 4.8 | 1 | B 9 | 8478 | 5.46 | 5.4 | 0 | A |
| 7145 | 5.26 | 4.9 | *2* | A | 7470 | 5.43 | 6.4 | 2 | A | 8480 | 5.95 | 6.6 | 12 | K |
| 7150 | 4.91 | 5.1 | 15 | K | 7473 | 6.03 | 6.9 | 8 | K | 8516 | 6.11 | 6.8 | 14 | K |
| 7159 | 5.55 | 6.3 | 3 | A 2 | 7515 | 5.44 | 6.4 | 13 | K | 8542 | 5.87 | 6.1 | *1* | A |
| 7168 | 6.15 | 7.7 | 13 | K | 7597 | 5.76 | 6.1 | 13 | G 5 | 8592 | 5.83 | 5.4 | 1 | F |
| 7217 | 4.99 | 5.2 | 13 | K | 7618 | 5.57 | 6.3 | 13 | G 5 | 8628 | 4.42 | 3.4 | *8* | B 8 |
| 7234 | 4.53 | 5.3 | 19 | K | 7829 | 5.33 | 5.7 | 1 | A 2 | 8649 | 5.90 | 6.5 | 16 | K |
| 7246 | 5.86 | 6.6 | 4 | A | 7830 | | | | | 8670 | 6.19 | 6.4 | 10 | K |
| 7249 | 5.43 | 5.1 | *3* | B 3 | 7936 | 4.84 | 4.1 | *2* | F 8 | 8756 | 5.89 | 6.4 | 1 | A |
| 7264 | 3.75 | 3.5 | 5 | F 2 | 7937 | 5.56 | 6.4 | 5 | A | 8789 | 5.22 | 5.7 | 9 | G 5 |
| 7276 | 6.42 | 7.5 | 11 | K | 8060 | 5.26 | 4.9 | 0 | A 3 | 8812 | 4.92 | 5.0 | 12 | K |
| 7277 | 6.03 | 7.8 | 19 | K | 8087 | 5.52 | 5.3 | 0 | A | 8817 | 5.37 | 5.3 | 4 | Gp |
| 7291 | 5.92 | 6.8 | 6 | F | 8204 | 4.78 | 5.4 | 15 | Gp | 8883 | 5.99 | 7.0 | 12 | K |
| 7292 | 5.04 | 5.7 | 8 | F 5 | 8213 | 5.04 | 6.5 | 19 | G 5 | 8892 | 5.11 | 5.7 | 15 | K |
| 7304 | 5.76 | 6.4 | 14 | K 5 | 8245 | 5.84 | 6.4 | 6 | F 5 | 8906 | 5.57 | 6.4 | 19 | K 5 |
| 7327 | 5.05 | 6.6 | 10 | F | 8260 | 4.43 | 4.6 | *1* | B 5 p | 8932 | 5.96 | 6.8 | 6 | A |
| 7339 | 5.45 | 6.8 | 4 | A | 8288 | 5.27 | 6.4 | 16 | K | 8939 | 4.96 | 4.8 | 0 | A |
| 7355 | 5.82 | 6.4 | 5 | G | 8293 | 6.19 | 7.1 | 9 | A 3 | 9002 | 5.54 | 5.7 | 3 | A 5 |
| 7362 | 5.36 | 6.1 | 11 | A 5 | 8346 | 5.66 | 7.0 | 9 | A | 9016 | 5.80 | 5.0 | 4 | A |
| 7363 | 5.82 | 7.0 | 14 | K | 8408 | 5.54 | 6.0 | 2 | F | 9031 | 5.07 | 5.0 | *3* | Ap |
| 7375 | 5.76 | 7.2 | 16 | K | 8439 | 5.46 | 5.6 | *1* | B 3 | 9043 | 6.36 | 6.2 | 0 | G |
| 7398 | 5.85 | 6.8 | 13 | K 5 | 8446 | 5.35 | 6.8 | 3 | A 5 | 9095 | 6.34 | 6.9 | 6 | A |

As stated on page 15, a list of the marked discrepancies between the classification of spectra by Vogel and that derived from the Draper photographs is given in Table VI. The H. R. number, magnitude, and class of spectrum are given in the first three columns, and are taken from Table I. The class as estimated by Vogel is given in the fourth column. In the fifth column, this is converted into the Draper notation by assuming A for Ia, B for Ib, K for IIa, and M for IIIa. The class according to the Draper Catalogue is given in the sixth column, first converting it into the later Draper notation. For this purpose, G is substituted for E, and K for H and I. The results of independent classifications of the spectra of these stars, made from later and better plates taken with the 8-inch doublets, are given in the seventh column. The eighth column gives the result of an examination of plates taken with the 11-inch Draper and 13-inch Boyden telescopes. These spectra have a much larger dispersion than those taken

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



with the 8-inch telescopes. The results in the first portion of this column are taken from H. A. 28, those in the second portion, from catalogues now in preparation.

It will be noticed that the principal discrepancies between the visual and photographic classifications occur in stars of Class F, intermediate between the first and second types. The most striking differences of these spectra from those of the first type are the faintness of the hydrogen lines H$\beta$, H$\gamma$, and H$\delta$, and the strength of the calcium lines, H and K. Neither of these differences would be marked in visual observations, such as those of Vogel. A second difference is that several stars, described by Vogel as of the third type, Class M, are shown by the photographs to belong to Class K. The difference may be due to the different portions of the spectrum observed visually and photographically.

TABLE VI.

COMPARISON WITH POTSDAM.

| H. R. | Magn. | Sp. | V. | V. Dr. | D. C. | 8 inch. | | 11 in. | 13 in. | H. R. | Magn. | Sp. | V. | V. Dr. | D. C. | 8 inch. | | 11 in. | 13 in. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 5.58 | K | IIIa | M | K | K | K | . | . | 766 | 6.04 | G5 | I | A | K | G5 | G5 | . | . |
| 131 | 5.53 | G5 | Ia | A | K | G5 | G5 | . | . | 770 | 6.46 | F5 | Ia! | A! | G | F5 | F5 | . | . |
| 143 | 5.93 | F | Ia | A | F | F | . | . | . | 783 | 6.25 | F2 | Ia? | A? | G | F2 | F | . | . |
| 145 | 6.40 | F | Ia | A | G | F | F5 | . | . | 790 | 5.73 | F5 | Ia? | A? | G | F5 | F8 | . | . |
| 214 | 6.06 | F | Ia! | A! | F | F2 | . | . | . | 816 | 6.02 | F2 | Ia! | A! | G | F2 | F | . | . |
| 222 | 5.82 | K | I? | A? | K? | G5 | K | . | . | 856 | 6.38 | F | Ia | A | F | F5 | . | . | . |
| 225 | 5.23 | F | Ia! | A! | F | F8 | . | . | . | 869 | 5.57 | F | Ia | A | F | F2 | . | . | . |
| 313 | 6.75 | F | Ia? | A? | F | F | . | . | . | 870 | 6.08 | F5 | Ia | A | G | F5 | F8 | . | . |
| 314 | 7.64 | | I | A! | | | | | | 902 | 6.20 | K5 | IIIa | M | . | K5 | K | . | . |
| 368 | 5.82 | F | Ia | A | F | F2 | . | . | . | 908 | 6.38 | G5 | Ia | A | . | G5 | K | . | . |
| 397 | 6.30 | K5 | IIIa? | M? | K | K5 | K5 | . | . | 996 | 4.96 | K | Ia | A | G | K | G5 | . | . |
| 413 | 5.32 | F | Ia | A | F | F | . | . | . | 1030 | 3.80 | G5 | Ia | A | K | G5 | . | G5 | . |
| 450 | 6.05 | K5 | IIIa! | M | K | K5 | . | . | . | 1067 | 6.12 | G2 | Ia | A | K | G2 | G5 | . | . |
| 463 | 5.63 | F | Ia | A | F? | . | F | . | . | 1201 | 5.96 | F | Ia | A | F | A8 | . | . | . |
| 510 | 4.50 | G5 | Ia | A | K? | G | . | . | G5 | 1238 | 5.76 | F | Ia | A | F | F | . | . | . |
| 560 | 6.18 | F | Ia! | A! | F | F5 | . | . | . | 1249 | 5.42 | G | Ia | A | G | G | F5 | . | . |
| 582 | 5.84 | G | Ia | A | G | F8 | . | G | G | 1257 | 5.39 | F2 | Ia | A | G | F2 | F8 | . | . |
| 624 | 6.43 | F5 | Ia | A | G? | F5 | F5 | . | . | 1292 | 5.71 | F | Ia | A | G? | F | . | . | . |
| 719 | 6.49 | K | Ia? | A? | G | K | K | . | . | 1311 | 4.98 | G5 | Ia! | A! | G5 | . | . | G5 | . |
| 725 | 6.30 | G5 | Ia | A | K | K | G5 | . | . | 1319 | 6.35 | F | Ia | A | F? | F | F | . | . |
| 741 | 6.07 | F5 | Ia! | A! | G | F5 | F5 | . | . | 1321 | 7.16 | F5 | Ia | A | G? | G | F5 | . | . |
| 753 | 5.92 | G5 | Ia? | A? | K | G5 | G5p | . | . | 1322 | 6.54 | | Ia | A | | | | | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | Magn. | Sp. | V. | V. Dr. | D. C. | 8 inch. | | 11 in. | 13 in. |
|---|---|---|---|---|---|---|---|---|---|
| 1354 | 5.96 | F | Ia | A | F | F8 | . | . | . |
| 1358 | 6.14 | F8 | Ia | A | F? | F8 | F5 | . | . |
| 1385 | 5.96 | F | Ia | A | F | F2 | . | . | . |
| 1407 | 5.29 | K | IIIa! | M! | K | K | G | . | . |
| 1427 | 4.84 | A5 | Ia! | A! | A | A2 | A2 | A2 | A5 |
| 1428 | 5.49 | F | Ia! | A! | A | A5 | . | . | F |
| 1432 | 6.04 | F | Ia | A | A | F | . | . | F |
| 1436 | 6.43 | F2 | I | A | G | F2 | F | . | . |
| 1458 | 4.38 | A2 | Ia! | A! | A | F | A2 | . | A3 |
| 1472 | 5.80 | F | Ia | A | A? | F | F2 | . | . |
| 1534 | 6.20 | A | IIa? | K? | A? | A | . | . | . |
| 1543 | 3.31 | F8 | Ia | A | F? | F5 | . | F8 | . |
| 1562 | 5.67 | Ma | IIa | K | . | Ma | . | Ma | . |
| 1591 | 6.23 | F | Ia | A | . | F | F | . | . |
| 1656 | 5.04 | G | Ia | A | G | G | G2 | . | . |
| 1664 | 5.47 | F | Ia! | A! | A | A5 | . | . | F |
| 1676 | 4.86 | F | Ia | A | A | F | . | . | F |
| 1746 | 5.45 | F8 | IIa | K | A | F8 | F5 | . | . |
| 1780 | 5.14 | F5 | Ia | A | F | F2 | . | . | G |
| 1787 | 5.15 | K | Ib | B | K | K | G5 | . | . |
| 1908 | 6.10 | G8 | IIIa | M | . | G8 | K | . | . |
| 1988 | 6.14 | F8 | I | A | G | F8 | G2 | . | . |
| 2051 | 6.55 | K | IIIa? | M? | K | K | K | . | . |
| 2220 | 5.18 | F5 | Ia | A | F | F2 | . | F5 | . |
| 2233 | 5.68 | F | Ia | A | F | F5 | . | . | . |
| 2236 | 6.34 | F2 | Ia | A | A | F2 | F | . | . |
| 2251 | 5.81 | F8 | Ia | A | A | F8 | F8 | . | . |
| 2313 | 5.85 | F2 | IIa | K | A | F2 | F5 | . | . |
| 2378 | 6.15 | A | IIa | K | . | A | A2 | . | . |
| 2413 | 6.46 | A | Ia | A | F | A | . | . | . |
| 2422 | 6.06 | A5 | Ia | A | F | A5 | . | . | . |
| 2458 | 6.43 | Kp | IIIa! | M! | . | Kp | K | . | . |
| 2484 | 3.40 | F5 | Ia! | A! | F | F5 | . | F5 | . |
| 2564 | 4.70 | F | Ia | A | A | A5 | . | . | F |
| 2615 | 5.86 | K5 | IIIa | M | . | K | K5 | . | . |
| 2635 | 6.01 | K5 | IIIa!! | M!! | . | K | K5 | . | . |
| 2707 | 5.40 | F | Ia | A | A | F | . | F | . |
| 2744 | 6.52 | G5 | Ia | A | . | G5 | G5 | . | . |
| 2778 | 6.06 | G5 | Ia | A | . | G5 | G5 | . | . |
| 2779 | 5.95 | F5 | Ia | A | G | F5 | F5 | . | . |
| 2989 | 6.34 | F | Ia | A | F | A5 | . | . | . |
| 3003 | 5.02 | K | IIIa | M | K | K | K | . | . |
| 3115 | 6.20 | Ma | IIa? | K? | K | Ma | Ma | . | . |
| 3184 | 6.26 | F5 | Ia | A | F | F5 | F | . | F5 |
| 3208 | 5.56 | | | | | | | | |
| 3209 | 6.26 | F | Ia | A | F | F5 | . | . | . |
| 3210 | 6.02 | | | | | | | | |
| 3269 | 6.29 | G | Ia | A | . | G | G | . | . |
| 3271 | 6.30 | F | Ia | A | . | F | F5 | . | . |
| 3290 | 6.29 | K5p | IIIa | M | . | Kp | K5p | . | . |
| 3299 | 6.18 | F | Ia | A | F | F2 | . | . | . |
| 3306 | 5.23 | K | Ia | A | K | K | G5 | . | . |
| 3357 | 5.57 | K5 | IIIa | M | K | K5 | K5p | . | . |
| 3378 | 6.13 | K | Ia | A | . | K | K | . | . |
| 3380 | 5.97 | F | Ia | A | K | F | F | . | . |
| 3394 | 6.28 | F | Ia | A | . | F | F | . | . |
| 3395 | 6.04 | F5 | Ia | A | A | F2 | . | F8 | . |
| 3396 | 7.15 | | | | | | | | |
| 3482 | 3.48 | F8 | Ia | A | F | F5 | . | F8 | . |
| 3510 | 6.29 | F | Ia | A | . | F | F | . | . |
| 3649 | 6.21 | F | Ia | A | F | A5 | . | . | . |
| 3650 | 6.40 | G | Ia | A | K | G | G2 | . | . |
| 3754 | 5.52 | G | Ia | A | G | G | F5 | . | . |
| 3758 | 6.29 | F | Ia | A | A? | F | A5 | . | . |
| 3794 | 6.15 | F8 | Ia | A | . | F8 | F5 | . | . |
| 3852 | 3.76 | F5p | Ia | A | G? | F | . | F5p | . |
| 3876 | 5.99 | Kp | IIIa | M | . | Kp | K | . | . |
| 3877 | 5.87 | K5p | IIIa | M | . | K | K5p | . | . |
| 3879 | 5.69 | F2 | Ia | A | A? | F2 | F | . | . |
| 3893 | 6.24 | F8 | Ia | A | F? | F8 | F | . | . |
| 3926 | 5.93 | G5p | IIa | K | A | G5 | G5 | . | . |
| 3945 | 6.63 | F | Ia | A | K | F | A8 | . | . |
| 3969 | 6.28 | F | Ia | A | . | F | A8 | . | . |
| 4028 | 6.56 | F5 | Ia! | A! | G | F5 | F | . | . |
| 4079 | 6.50 | F2 | Ia | A | G | F2 | F5 | . | . |
| 4085 | 6.43 | G | IIa | K | A | G | G2 | . | . |
| 4265 | 6.05 | F | Ia | A | F | F | . | . | . |
| 4281 | 6.36 | F5 | Ia | A | F | F5 | . | . | . |
| 4310 | 4.66 | F | Ia | A | F | F | . | . | F |
| 4319 | 5.66 | K | IIa | K | A | K | . | . | . |
| 4399 | 4.03 | F5 | Ia | A | G | F2 | . | F5 | . |
| 4400 | 5.52 | K | Ia? | A | K | K | K | . | . |
| 4410 | 6.36 | F | Ia | A | F? | F | F | . | . |
| 4414 | 6.19 | K | Ia | A | K | K | K5 | K | . |
| 4533 | 6.24 | F8 | Ia | A | . | F8 | F8 | . | . |
| 4540 | 3.80 | F8 | Ia | A | G | F5 | . | F8 | . |
| 4629 | 5.74 | F | Ia | A | A? | F | F | . | . |
| 4708 | 6.46 | F5 | Ia | A | G | F5 | F5 | . | . |
| 4926 | 6.12 | F2 | Ia | A | G | F2 | F5 | . | . |
| 4960 | 5.95 | K | Ia | A | K | K | K5p | . | . |
| 4868 | 5.22 | F5 | Ia | A | F | F5 | F5 | F5 | . |
| 5869 | 5.22 | | | | | | | | |
| 4987 | 6.58 | K | Ia | A | K | K | G2 | . | . |
| 5005 | 6.49 | F | Ia | A | F | A8 | . | . | . |
| 5011 | 5.22 | F | Ia | A | F | F5 | . | . | . |
| 5072 | 5.16 | F | Ia | A | F | F | . | . | . |
| 5087 | 6.41 | G5 | Ia | A | . | G5 | G5 | . | . |
| 5137 | 6.46 | K | Ia | A | K | K | K | . | . |
| 5185 | 4.51 | F5 | Ia | A | F | F8 | . | . | F5 |
| 5225 | 5.71 | G | Ia | A | G | G | G | . | . |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | Magn. | Sp. | V. | V. Dr. | D. C. | 8 inch. | | 11 in. | 13 in. |
|---|---|---|---|---|---|---|---|---|---|
| 5235 | 2.80 | G | Ia | A | G | F8 | . | G | . |
| 5243 | 6.15 | F | Ia | A | F | F5 | . | . | . |
| 5275 | 6.28 | F | Ia | A | G | G | F | . | . |
| 5307 | 6.30 | F2 | Ia | A | G | F2 | F5 | . | . |
| 5317 | 5.81 | F2 | Ia | A | F? | F2 | F5 | . | . |
| 5323 | 5.54 | F | Ia | A | F | F5 | . | . | . |
| 5352 | 6.05 | K5p | IIIa | M | . | K5p | K5p | . | . |
| 5365 | 5.31 | F | Ia | A | F | F | . | . | F |
| 5384 | 6.34 | G | Ia | A | G | G | G | . | . |
| 5405 | 5.36 | A5 | Ia | A | A | F | A2 | . | A5 |
| 5409 | 4.97 | K | Ia | A | G | G | G5 | . | K |
| 5507 | 6.39 | G | IIa | K | A | G | . | . | . |
| 5550 | 6.43 | F2 | Ia | A | F | G5 | F2 | . | . |
| 5659 | 6.41 | G | Ia | A | . | G | G5 | . | . |
| 5739 | 5.46 | Ma | IIa | K | K | K5 | . | Ma | . |
| 5740 | 6.29 | G5 | Ia | A | K | G5 | F8 | . | . |
| 5758 | 6.46 | F | Ia | A | F | F | . | . | . |
| 5799 | 6.51 | F5 | Ia | A | G? | F5 | F5 | . | . |
| 5804 | 5.88 | F | Ia | A | F | F | . | . | . |
| 5853 | 5.80 | K | Ia | A | K | K | G | . | . |
| 5879 | 4.28 | K5 | IIIa!!! | M!!! | M? | K5 | . | K5 | . |
| 5913 | 6.14 | F5 | Ia | A | . | F5 | F | . | . |
| 5933 | 3.86 | F8 | Ia | A | F | F5 | . | F8 | . |
| 5976 | 6.18 | K | Ia | A | K | K | G | . | . |
| 5992 | 6.14 | A | Ia | A | F | A | A | . | . |
| 6093 | 4.80 | F | Ia! | A! | F | F | . | . | . |
| 6095 | 3.79 | F | Ia! | A! | A | F5 | A8 | F | . |
| 6181 | 6.20 | G | Ia | A | G | G | F2 | . | . |
| 6277 | 6.21 | A5 | Ia | A | K? | A5 | A8 | . | . |
| 6339 | 6.52 | K | Ia | A | K | K | G5 | . | . |
| 6393 | 5.56 | K | IIIa | M | . | G5 | K | . | . |
| 6452 | 5.17 | K5p | IIIa! | M! | K | K | K5p | . | . |
| 6463 | 6.59 | Ma | Ia | A | . | K | Ma | . | . |
| 6489 | 6.31 | F2 | Ia | A | K | K | F2 | . | . |
| 6577 | 6.29 | F2 | Ia | A | G | F2 | . | . | . |
| 6604 | 6.21 | F | Ia! | A! | G | G | A8 | . | . |
| 6714 | 3.92 | B5p | IIa | K | B | B8p | B5p | . | . |
| 6719 | 6.18 | A | Ia | A | F | A | A | . | . |
| 6722 | 6.30 | G5 | IIa | K | A? | G5 | G5 | . | . |
| 6747 | 6.09 | Ap | Ia | A | G? | Ap | . | . | . |
| 6770 | 4.73 | G5 | Ia | A | K | G5 | . | G5 | . |
| 6844 | 6.60 | F | Ia | A | A? | F | A5 | . | . |
| 6898 | 6.11 | F | Ia! | A! | F | F | . | . | . |
| 6941 | 6.50 | A | Ia | A | H | A | A | . | . |
| 7010 | 6.36 | Kp | IIa | K | A? | Kp | . | . | . |
| 7147 | 6.41 | A | Ia | A | . | A | . | . | . |
| 7148 | 5.72 | A | IIa | K | A | A | A | . | . |
| 7163 | 6.38 | F5 | Ia | A | K | F5 | F5 | . | . |
| 7165 | 5.37 | F8 | Ia! | A! | F | F8 | F8 | . | . |
| 7198 | 6.51 | K | Ia | A | . | K | K | . | . |

| H. R. | Magn. | Sp. | V. | V. Dr. | D. C. | 8 inch | | 11 in. | 13 in. |
|---|---|---|---|---|---|---|---|---|---|
| 7231 | 6.45 | F | Ia | A | F? | A8 | . | . | . |
| 7267 | 6.46 | F2 | Ia | A | . | F2 | F | . | . |
| 7354 | 6.25 | F5 | Ia | A | . | F5 | F2 | . | . |
| 7377 | 3.44 | F | Ia! | A! | A | F | . | F | . |
| 7389 | 5.77 | F | Ia | A | F | F5 | . | . | . |
| 7391 | 6.04 | A | IIa | K | K | A | A | . | . |
| 7412 | 6.38 | K5 | IIIa | M | . | K5 | K | . | . |
| 7438 | 6.49 | F | Ia | A | . | G | F | . | . |
| 7456 | 6.16 | G5 | Ia | A | . | G5 | K5 | . | . |
| 7475 | 6.58 | K5 | IIa | K | . | A | K5 | . | . |
| 7497 | 5.32 | F2 | Ia | A | G | F2 | F5 | . | . |
| 7542 | 6.38 | F5 | Ia | A | . | F5 | F5 | . | |
| 7560 | 5.22 | F5 | Ia | A | F? | F5 | F8 | . | |
| 7667 | 5.84 | A | IIa | K | A | A | . | . | |
| 7669 | 5.65 | G5 | IIa | K | A | G5 | . | . | . |
| 7693 | 6.38 | F2 | Ia | A | . | F2 | F | . | . |
| 7778 | 6.34 | G5 | Ia | A | . | G5 | G5 | . | . |
| 7793 | 6.22 | F2 | Ia | A | . | F2 | F5 | . | . |
| 7816 | 6.17 | K | Ia | A | . | K5 | K | . | . |
| 7878 | 6.16 | A | Ia | A | F | A | A | . | . |
| 7882 | 3.72 | F5 | Ia! | A! | F | F5 | . | F5 | . |
| 7896 | 5.23 | G2 | IIa | K | A | G2 | G2 | . | . |
| 7907 | 6.42 | G | Ia | A | . | G | F5 | . | . |
| 7914 | 6.40 | F8 | Ia | A | . | F5 | F8 | . | . |
| 7973 | 6.00 | F | Ia | A | . | F | F | . | . |
| 8006 | 6.58 | F | Ia | A | . | F | F | . | . |
| 8037 | 6.53 | F | Ia | A | A? | F | F | . | . |
| 8077 | 6.03 | F5 | Ia | A | . | F5 | F5 | . | . |
| 8088 | 6.52 | K5 | IIa | K | A? | K | K5 | . | . |
| 8097 | 4.76 | Fp | Ia! | A! | A | Ap | A5 | . | Fp |
| 8131 | 4.14 | A8p | Ia! | A | A | F2 | A8 | F8p | . |
| 8191 | 6.39 | F5 | Ia | A | . | F5 | F2 | . | . |
| 8210 | 6.06 | A | Ia | A | K | A | A | . | . |
| 8231 | 5.94 | A | Ia | A | F | A | A | . | . |
| 8270 | 5.80 | F | Ia! | A! | F? | F | . | . | . |
| 8330 | 6.24 | F | Ia | A | . | F | . | . | F |
| 8392 | 5.66 | F | Ia? IIa | A?K | A? | F | F | . | . |
| 8435 | 5.78 | F | Ia | A | A? | F | F | . | . |
| 8455 | 6.07 | G | IIa | K | A? | G | G | . | . |
| 8507 | 6.36 | F5 | Ia | A | K? | F5 | . | . | . |
| 8539 | 4.64 | B1p | IIa! | K! | F | Pec. | . | B1p | . |
| 8548 | 5.85 | F | Ia | A | F | F2 | F2 | . | . |
| 8558 | 4.59 | F5 | Ia? | A? | F | F | . | F5 | . |
| 8559 | 4.42 | | IIa | K | | | | | |
| 8562 | 5.82 | K | IIIa | M | K | K | K | . | . |
| 8566 | 5.47 | F | Ia | A | F? | F | . | . | . |
| 8653 | 6.43 | F | Ia | A | F | F | . | . | . |
| 8681 | 6.46 | F | Ia | A | . | F | A8 | . | . |
| 8714 | 6.48 | Mb | IIIa! | M | . | K | Mb | . | . |
| 8737 | 6.50 | F5 | Ia | A | . | F5 | F | . | . |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| H. R. | Magn. | Sp. | V. | V. Dr. | D. C. | 8 inch. | | 11 in. | 13 in. | H. R. | Magn. | Sp. | V. | V. Dr. | D. C. | 8 inch. | | 11 in. | 13 in. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8776 | 6.34 | F | Ia | A | . | F | F | . | . | 8984 | 4.61 | A5 | Ia! | A! | A? | A5 | A2 | . | K |
| 8784 | 6.45 | G | Ia | A | . | G | K | . | . | 8991 | 5.39 | Ma | IIIa! | M! | K | K | Ma | . | . |
| 8788 | 6.14 | F | Ia | A | . | F | F2 | . | . | 9072 | 4.03 | F5 | Ia | A | F | F2 | . | F5 | . |
| 8954 | 5.65 | F | Ia | A | F | F | . | . | . | 9093 | 5.78 | F | Ia! | A! | F | F | . | . | . |
| 8969 | 4.28 | F5 | Ia | A | F | F2 | F2 | . | G | | | | | | | | | | |

The spectra of H. R. 3877 and 5087 were classified at Potsdam as IIIa (IIa) and Ia (IIa), respectively.

Bright stars are commonly designated by the Bayer or Lacaille letter, followed by the name of the constellation. An index is needed to identify these stars readily in Table I. Frequently the adopted magnitude and class of spectrum only are desired, and they have consequently been included in Table VII, which gives a list of these stars arranged alphabetically according to constellation and letter. The successive columns give the letter, the H. R. number, the magnitude, and the class of spectrum. The last three columns are taken from the columns headed H. R., Magn., and Spect. in Table I.

TABLE VII.

INDEX TO BAYER AND LACAILLE LETTERS.

| Let. | H. R. | Magn. | Spect. | Let. | H. R. | Magn. | Spect. | Let. | H. R. | Magn. | Spect. | Let. | H. R. | Magn. | Spect. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ANDROMEDA. | | | | ANDROMEDA (con.) | | | | ANDROMEDA (con.) | | | | ANTLIA (con.) | | | |
| $\alpha$ | 15 | 2.15 | A | $\nu$ | 226 | 4.42 | B 3 | b | 643 | 5.08 | Kp | $\zeta^2$ | 3789 | 5.96 | A 8 |
| $\beta$ | 337 | 2.37 | Ma | $\xi$ | 390 | 4.99 | K | c | 670 | 5.12 | A | $\eta$ | 3947 | 5.25 | F 8 |
| $\gamma$ | 603 | 2.20 | K | $o$ | 8762 | 3.63 | B 3 | W | 663 | var. | Md | $\theta$ | 3871 | 4.98 | F 2 |
| | 604 | 5.08 | | $\pi$ | 154 | 4.44 | B 3 | R | 90 | var. | Md | $\iota$ | 4273 | 4.70 | K |
| $\delta$ | 165 | 3.49 | K | $\rho$ | 82 | 5.20 | F 5 | | | | | S | 3798 | var. | F |
| $\varepsilon$ | 163 | 4.52 | G 5 | $\sigma$ | 68 | 4.51 | A 2 | ANTLIA. | | | | U | 4153 | 5.75 | N |
| $\zeta$ | 215 | 4.30 | K | $\tau$ | 477 | 4.90 | B 8 | | | | | | | | |
| $\eta$ | 271 | 4.62 | G 5 | $\upsilon$ | 458 | 4.18 | G | | | | | APUS. | | | |
| $\theta$ | 63 | 4.44 | A | $\varphi$ | 335 | 4.28 | B 8 | $\alpha$ | 4104 | 4.42 | K 5 | | | | |
| $\iota$ | 8965 | 4.28 | B 8 | $\chi$ | 469 | 5.17 | K | $\delta$ | 4118 | 5.65 | B 9 | | | | |
| $\kappa$ | 8976 | 4.33 | A | $\psi$ | 9003 | 5.09 | K | $\varepsilon$ | 3765 | 4.64 | K 2 | $\alpha$ | 5470 | 3.81 | K 5 |
| $\lambda$ | 8961 | 4.00 | K | $\omega$ | 417 | 4.96 | F 5 | $\zeta^1$ | 3780 | 7.21 | A 2 | $\beta$ | 6163 | 4.16 | K |
| $\mu$ | 269 | 3.94 | A 2 | A | 430 | 5.33 | K | | 3781 | 6.35 | | $\gamma$ | 6102 | 3.90 | K |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Apus (con.)** | | | |
| $\delta^1$ | 6020 | 4.78 | Mb |
| $\delta^2$ | 6021 | 5.22 | K 5 |
| $\varepsilon$ | 5336 | 5.20 | A |
| $\zeta$ | 6417 | 4.74 | K 2 |
| $\eta$ | 5303 | 4.97 | A 1 |
| $\theta$ | 5261 | var. | Mc |
| $\iota$ | 6411 | 5.60 | B 8 |
| $\kappa^1$ | 5730 | 5.65 | B 5 p |
| $\kappa^2$ | 5782 | 5.76 | B 8 |
| R | 5540 | 5.35 | K |
| **Aquarius.** | | | |
| $\alpha$ | 8414 | 3.19 | G |
| $\beta$ | 8232 | 3.07 | G |
| $\gamma$ | 8518 | 3.97 | A |
| $\delta$ | 8709 | 3.51 | A 2 |
| $\varepsilon$ | 7950 | 3.83 | A |
| $\zeta$ | 8558 | 4.59 | F 5 |
| | 8559 | 4.42 | |
| $\eta$ | 8597 | 4.13 | B 8 |
| $\theta$ | 8499 | 4.32 | K |
| $\iota$ | 8418 | 4.35 | B 8 |
| $\kappa$ | 8610 | 5.33 | K |
| $\lambda$ | 8698 | 3.84 | Ma |
| $\mu$ | 7990 | 4.80 | F |
| $\nu$ | 8093 | 4.52 | K |
| $\xi$ | 8264 | 4.78 | A 5 |
| $o$ | 8402 | 4.66 | B 5 |
| $\pi$ | 8539 | 4.64 | B 1 p |
| $\rho$ | 8512 | 5.36 | B 8 |
| $\sigma$ | 8573 | 4.89 | A |
| $\tau$ | 8679 | 4.21 | K 5 |
| $\upsilon$ | 8592 | 5.29 | F |
| $\varphi$ | 8834 | 4.40 | K 5 |
| $\chi$ | 8850 | 5.14 | Mb |
| $\psi^1$ | 8841 | 4.46 | K |
| $\psi^2$ | 8858 | 4.56 | B 5 |
| $\psi^3$ | 8865 | 5.16 | A |
| $\omega^1$ | 8968 | 5.16 | A 8 |
| $\omega^2$ | 8988 | 4.62 | A |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Aquarius (con.)** | | | |
| $A^1$ | 8980 | 5.60 | K |
| $A^2$ | 8982 | 4.95 | G |
| $b^1$ | 8892 | 4.20 | K |
| $b^2$ | 8906 | 4.52 | K 5 |
| $b^3$ | 8939 | 4.76 | A |
| $c^1$ | 8789 | 4.77 | G 5 |
| $c^2$ | 8812 | 3.80 | K |
| $c^3$ | 8817 | 4.94 | G p |
| d | 8277 | 5.33 | K |
| e | 8452 | 5.40 | B 5 |
| f | 8544 | 6.57 | F 8 |
| | 8585 | 6.35 | |
| g | 8649 | 4.88 | K |
| h | 8782 | 5.56 | A |
| $i^1$ | 8998 | 5.26 | A |
| $i^2$ | 9002 | 5.45 | A 5 |
| $i^3$ | 9031 | 5.32 | Ap |
| k | 7951 | 4.60 | Ma |
| R | 8992 | var. | Md |
| **Aquila.** | | | |
| $\alpha$ | 7557 | 0.89 | A 5 |
| $\beta$ | 7602 | 3.90 | K |
| $\gamma$ | 7525 | 2.80 | K 2 |
| $\delta$ | 7377 | 3.44 | F |
| $\varepsilon$ | 7176 | 4.21 | K |
| $\zeta$ | 7235 | 3.02 | A |
| $\eta$ | 7570 | var. | G |
| $\theta$ | 7710 | 3.37 | A |
| $\iota$ | 7447 | 4.28 | B 5 |
| $\kappa$ | 7446 | 5.04 | B |
| $\lambda$ | 7236 | 3.55 | A |
| $\mu$ | 7429 | 4.65 | K |
| $\nu$ | 7387 | 4.86 | A 8 |
| $\xi$ | 7595 | 4.86 | G 5 |
| $o$ | 7560 | 5.22 | F 5 |
| $\pi$ | 7544 | 5.70 | A 5 |
| $\rho$ | 7724 | 4.96 | A |
| $\sigma$ | 7474 | 5.17 | B 8 |
| $\tau$ | 7669 | 5.65 | G 5 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Aquila (con.)** | | | |
| $\upsilon$ | 7519 | 5.72 | A 5 |
| $\phi$ | 7610 | 5.29 | A 2 |
| $\chi$ | 7497 | 5.32 | F 2 |
| $\psi$ | 7511 | 6.12 | B 8 |
| $\omega^1$ | 7315 | 5.14 | A |
| $\omega^2$ | 7332 | 6.02 | A |
| A | 7331 | 5.42 | A |
| b | 7373 | 5.23 | G 5 |
| c | 7400 | 5.77 | A |
| d | 7336 | 5.46 | A |
| e | 7414 | 5.22 | K 5 |
| f | 7333 | 5.10 | G |
| g | 7209 | 5.55 | A |
| h | 7225 | 5.53 | K |
| i | 7193 | 4.15 | K |
| l | 7884 | 4.51 | K |
| R | 7243 | var. | Md |
| U | 7402 | var. | G |
| V | 7220 | var. | N |
| Y | 7248 | 5.10 | B 8 |
| **Ara.** | | | |
| $\alpha$ | 6510 | 2.97 | B 3p |
| $\beta$ | 6461 | 2.80 | K 2 |
| $\gamma$ | 6462 | 3.51 | B 1 |
| $\delta$ | 6500 | 3.79 | B 8 |
| $\varepsilon^1$ | 6295 | 4.15 | K 2 |
| $\varepsilon^2$ | 6314 | 5.36 | F 8 |
| $\zeta$ | 6285 | 3.06 | K 5 |
| $\eta$ | 6229 | 3.68 | K 5 |
| $\theta$ | 6743 | 3.90 | B 1 |
| $\iota$ | 6451 | 5.50 | B 3 |
| $\kappa$ | 6468 | 5.24 | K |
| $\lambda$ | 6569 | 4.84 | F 5 |
| $\mu$ | 6585 | 5.26 | K |
| $\pi$ | 6549 | 5.31 | A |
| $\sigma$ | 6537 | 4.63 | A |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Aries.** | | | |
| $\alpha$ | 617 | 2.23 | K 2 |
| $\beta$ | 553 | 2.72 | A 5 |
| $\gamma$ | 545 | 4.83 | Ap |
| | 546 | 4.75 | |
| $\delta$ | 951 | 4.53 | K |
| $\varepsilon$ | 887 | 5.55 | A 2 |
| | 888 | 5.25 | |
| $\zeta$ | 972 | 4.95 | A |
| $\eta$ | 646 | 5.35 | F 5 |
| $\theta$ | 669 | 5.69 | A |
| $\iota$ | 563 | 5.16 | Kp |
| $\kappa$ | 613 | 5.08 | A |
| $\lambda$ | 569 | 4.83 | A 5 |
| $\mu$ | 793 | 5.72 | A |
| $\nu$ | 773 | 5.36 | A |
| $\xi$ | 702 | 5.53 | B 5 |
| $o$ | 809 | 5.80 | A |
| $\pi$ | 836 | 5.30 | B 5 |
| $\rho$ | 869 | 5.57 | F |
| $\sigma$ | 847 | 5.46 | B 5 |
| $\tau$ | 1005 | 5.17 | B 3 |
| **Auriga.** | | | |
| $\alpha$ | 1708 | 0.21 | G |
| $\beta$ | 2088 | 2.07 | Ap |
| $\gamma$ | 1791 | R | B 8 |
| $\delta$ | 2077 | 3.88 | K |
| $\varepsilon$ | 1605 | var. | F 5 p |
| $\zeta$ | 1612 | 3.94 | Kp |
| $\eta$ | 1641 | 3.28 | B 3 |
| $\theta$ | 2095 | 2.71 | Ap |
| $\iota$ | 1577 | 2.90 | K 2 |
| $\kappa$ | 2219 | 4.45 | K |
| $\lambda$ | 1729 | 4.85 | G |
| $\mu$ | 1689 | 4.78 | A 3 |
| $\nu$ | 2012 | 4.18 | K |
| $\xi$ | 2029 | 4.92 | A 2 |
| $o$ | 1971 | 5.52 | A |
| $\pi$ | 2091 | 4.59 | Ma |
| $\rho$ | 1749 | 5.12 | B 3 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Auriga (con.)** | | | |
| σ | 1773 | 5.22 | K |
| τ | 1995 | 4.64 | K |
| υ | 2011 | 4.99 | Ma |
| φ | 1805 | 5.26 | G 2 |
| χ | 1843 | 4.88 | B 1 |
| $\psi^1$ | 2289 | 5.10 | K |
| $\psi^2$ | 2427 | 5.09 | K |
| $\psi^3$ | 2420 | 5.28 | B 8 |
| $\psi^4$ | 2459 | 5.17 | K |
| $\psi^5$ | 2483 | 5.34 | F 5 |
| $\psi^6$ | 2487 | 5.28 | K |
| $\psi^7$ | 2516 | 5.04 | K |
| $\psi^8$ | 2547 | 6.23 | A |
| $\psi^9$ | 2568 | 5.80 | A |
| $\psi^{10}$ | 2585 | 4.80 | A 2 |
| R | 1707 | var. | Md |
| T | 1841 | nov. | Pec. |
| **Bootes.** | | | |
| α | 5340 | 0.24 | K |
| β | 5602 | 3.63 | G 5 |
| γ | 5435 | 3.00 | F |
| δ | 5681 | 3.54 | K |
| ε | 5505 | 5.12 | K |
| | 5506 | 2.70 | |
| ζ | 5477 | 4.83 | A 2 |
| | 5478 | 4.43 | |
| η | 5235 | 2.80 | G |
| θ | 5404 | 4.06 | F 8 |
| ι | 5350 | 4.78 | A 5 |
| κ | 5328 | 6.61 | A 5 |
| | 5329 | 4.60 | |
| λ | 5351 | 4.26 | A |
| μ | 5733 | 4.47 | F |
| | 5734 | 6.66 | K |
| ν | 5763 | 5.15 | K 5 |
| | 5774 | 4.98 | A 2 |
| ξ | 5544 | 4.64 | K 5 p |
| ο | 5502 | 4.69 | K |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Bootes (con.)** | | | |
| π | 5475 | 4.94 | A |
| | 5476 | 5.81 | |
| ρ | 5429 | 3.78 | K |
| σ | 5447 | 4.48 | F |
| τ | 5185 | 4.51 | F 5 |
| υ | 5200 | 4.28 | K 5 |
| φ | 5823 | 5.41 | K |
| χ | 5676 | 5.26 | A |
| ψ | 5616 | 4.67 | K |
| ω | 5600 | 4.93 | K 5 |
| A | 5361 | 4.83 | G 5 |
| b | 5638 | 5.73 | K |
| c | 5634 | 5.03 | A 5 |
| d | 5304 | 4.82 | F 5 |
| e | 5201 | 5.06 | K 5 |
| f | 5405 | 5.36 | A 5 |
| g | 5420 | 5.61 | G 5 |
| h | 5533 | 5.76 | F |
| i | 5618 | 4.86 | G |
| k | 5627 | 5.59 | A |
| W | 5490 | 4.93 | K 5 |
| **Caelum.** | | | |
| α | 1502 | 4.52 | F 2 |
| β | 1503 | 5.08 | F 5 |
| γ | 1652 | 4.62 | K |
| δ | 1443 | 5.16 | B 3 |
| ζ | 1539 | 6.35 | K |
| **Cancer.** | | | |
| α | 3572 | 4.27 | A 5 |
| β | 3249 | 3.76 | K 2 |
| γ | 3449 | 4.73 | A |
| δ | 3461 | 4.17 | K |
| ε | 3429 | 6.32 | A |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Cancer (con.)** | | | |
| | 3208 | 5.56 | |
| ζ | 3209 | 6.26 | F |
| | 3210 | 6.02 | |
| η | 3366 | 5.52 | K |
| θ | 3357 | 5.57 | K 5 |
| ι | 3474 | 6.61 | G 5 |
| | 3475 | 4.20 | |
| κ | 3623 | 5.14 | B 8 |
| λ | 3268 | 5.87 | A |
| μ | 3176 | 5.38 | F 5 |
| ν | 3595 | 5.45 | A |
| ξ | 3627 | 5.22 | K |
| ο | 3561 | 5.16 | A 3 |
| π | 3669 | 5.57 | K |
| $\rho^1$ | 3522 | 6.06 | K 5 |
| $\rho^2$ | 3540 | 5.25 | G 5 |
| $\sigma^1$ | 3519 | 5.75 | A 3 |
| $\sigma^2$ | 3555 | 5.48 | A 3 |
| $\sigma^3$ | 3575 | 5.64 | K |
| τ | 3621 | 5.38 | Gp |
| $\upsilon^1$ | 3355 | 5.73 | A |
| $\upsilon^2$ | 3369 | 6.41 | G 2 |
| $\phi^1$ | 3304 | 5.83 | K 2 |
| $\phi^2$ | 3310 | 6.32 | A |
| | 3311 | 6.30 | |
| χ | 3262 | 5.16 | F |
| ψ | 3191 | 5.83 | G |
| ω | 3124 | 5.88 | K |
| $A^1$ | 3450 | 5.67 | A |
| $A^2$ | 3481 | 5.71 | A |
| b | 3465 | 5.58 | Ap |
| c | 3406 | 5.98 | A |
| $d^1$ | 3284 | 5.88 | A |
| $d^2$ | 3299 | 6.18 | F |
| R | 3248 | var. | Md |
| X | 3541 | var. | N |
| **Canes Venatici.** | | | |
| R | 5199 | var. | Md |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Canis Major.** | | | |
| α | 2491 | *1.58* | A |
| β | 2294 | 1.99 | B 1 |
| γ | 2657 | 4.07 | B 5 |
| δ | 2693 | 1.98 | F 8 p |
| ε | 2618 | 1.63 | B 1 |
| ζ | 2282 | 3.10 | B 3 |
| η | 2827 | 2.43 | B 5 p |
| θ | 2574 | 4.25 | K 5 |
| ι | 2596 | 4.39 | B 5 |
| κ | 2538 | 3.78 | B 2 p |
| λ | 2361 | 4.48 | B 5 |
| μ | 2593 | 5.19 | K |
| $\nu^1$ | 2423 | 5.81 | K |
| $\nu^2$ | 2429 | 4.14 | K |
| $\nu^3$ | 2443 | 4.65 | G 5 p |
| $\xi^1$ | 2387 | 4.35 | B 1 |
| $\xi^2$ | 2414 | 4.54 | A |
| $o^1$ | 2580 | 4.12 | K 2 |
| $o^2$ | 2653 | 3.12 | B 5 p |
| π | 2590 | 4.62 | F 5 |
| σ | 2646 | 3.68 | K 5 |
| τ | 2782 | 4.40 | Oe 5 |
| ω | 2749 | 3.83 | B 3 p |
| R | 2788 | 5.79 | F |
| **Canis Minor.** | | | |
| α | 2943 | 0.48 | F 5 |
| β | 2845 | 3.09 | B 8 |
| γ | 2854 | 4.60 | K |
| $\delta^1$ | 2880 | 5.26 | A 5 |
| $\delta^2$ | 2887 | 5.66 | A 5 |
| $\delta^3$ | 2901 | 5.82 | A |
| ε | 2828 | 5.07 | G 5 |
| ζ | 3059 | 5.11 | A |
| η | 2851 | 5.34 | A 5 |
| **Capricornus.** | | | |
| $\alpha^1$ | 7747 | 4.55 | G |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Capricornus (con.)** | | | |
| $\alpha^2$ | 7754 | 3.77 | K |
| $\beta$ | 7776 | 3.25 | Gp |
| $\gamma$ | 8278 | 3.80 | Fp |
| $\delta$ | 8322 | 2.98 | A 5 |
| $\varepsilon$ | 8260 | 4.72 | B 5 p |
| $\zeta$ | 8204 | 3.86 | Gp |
| $\eta$ | 8060 | 4.93 | A 3 |
| $\theta$ | 8075 | 4.19 | A |
| $\iota$ | 8167 | 4.30 | K |
| $\kappa$ | 8288 | 4.82 | K |
| $\lambda$ | 8319 | 5.43 | A |
| $\mu$ | 8351 | 5.18 | F |
| $\nu$ | 7773 | 4.84 | A |
| $\xi$ | 7715 | 5.88 | F 5 |
| $o$ | 7829 | 6.64 | A 2 |
| | 7830 | 6.10 | |
| $\pi$ | 7814 | 5.20 | B 8 |
| $\rho$ | 7822 | 4.96 | F |
| $\sigma$ | 7761 | 5.46 | K |
| $\tau$ | 7889 | 5.30 | B 5 |
| $\upsilon$ | 7900 | 5.33 | Ma |
| $\phi$ | 8127 | 5.35 | K |
| $\chi$ | 8087 | 5.27 | A |
| $\psi$ | 7936 | 4.26 | F 8 |
| $\omega$ | 7980 | 4.24 | Ma |
| A | 8080 | 4.60 | Ma |
| b | 8213 | 4.59 | G 5 |
| c | 8311 | 5.28 | K |
| **Carina.** | | | |
| $\alpha$ | 2326 | *0.86* | F |
| $\beta$ | 3685 | 1.80 | A |
| $\varepsilon$ | 3307 | 1.74 | Kp |
| $\eta$ | 4210 | var. | Pec. |
| $\theta$ | 4199 | 3.03 | B |
| $\iota$ | 3699 | 2.25 | F |
| $\upsilon$ | 3890 | 3.15 | F |
| | 3891 | 6.03 | |
| $\chi$ | 3117 | 3.60 | B 3 |
| $\omega$ | 4037 | 3.56 | B 8 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Carina (con.)** | | | |
| A | 2554 | 4.38 | G 5 |
| a | 3659 | 3.56 | B 3 |
| $b^1$ | 3582 | 5.08 | B 3 |
| $b^2$ | 3598 | 5.17 | F |
| c | 3571 | 3.98 | B 8 |
| d | 3457 | 4.42 | B 2 |
| $e^1$ | 3415 | 5.40 | B 3 |
| $e^2$ | 3414 | 4.80 | K |
| f | 3498 | 4.63 | B 3 |
| g | 3696 | 4.18 | K 5 |
| h | 3825 | 4.20 | B 5 |
| i | 3663 | 4.18 | B 3 |
| k | 3728 | 4.86 | K |
| l | 3884 | var. | G |
| m | 3856 | 4.67 | B 9 |
| p | 4140 | 3.58 | B 5 p |
| q | 4050 | 3.44 | K 5 |
| r | 4159 | 4.54 | K 5 |
| s | 4114 | 4.08 | F |
| $t^1$ | 4164 | 5.26 | K |
| $t^2$ | 4177 | 4.73 | K 5 |
| u | 4257 | 3.88 | K |
| w | 4200 | 4.49 | K 5 |
| x | 4337 | 4.02 | F 8 p |
| y | 4352 | 4.73 | F 5 p |
| z | 4325 | 4.76 | K |
| B | 3220 | 4.80 | F 5 |
| C | 3260 | 5.26 | A 2 |
| D | 3159 | 4.96 | B 3 |
| E | 3642 | 4.86 | B 3 p |
| G | 3643 | 4.50 | F 5 |
| H | 3821 | 5.52 | K |
| I | 4102 | 4.08 | F 5. |
| K | 4138 | 4.94 | A 2 |
| L | 4089 | 5.28 | A |
| M | 4025 | 5.37 | A 3 |
| N | 2435 | 4.44 | A |
| Q | 2934 | 4.92 | K 5 |
| R | 3816 | var. | Md |
| S | 3999 | var. | Md |
| T | 4271 | 6.03 | K |
| U | 4276 | var. | F |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Cassiopeia.** | | | |
| $\alpha$ | 168 | 2.47 | K |
| $\beta$ | 21 | 2.42 | F 5 |
| $\gamma$ | 264 | 2.25 | Bp |
| $\delta$ | 403 | 2.80 | A 5 |
| $\varepsilon$ | 542 | 3.44 | B 5 |
| $\zeta$ | 153 | 3.72 | B 2 |
| $\eta$ | 219 | 3.64 | F 8 |
| $\theta$ | 343 | 4.52 | A 5 |
| $\iota$ | 707 | 4.59 | A 5 |
| $\kappa$ | 130 | 4.24 | B |
| $\lambda$ | 123 | 4.88 | B 5 |
| $\mu$ | 321 | 5.26 | G 5 |
| $\nu$ | 223 | 5.03 | B 9 |
| $\xi$ | 179 | 4.85 | B 3 |
| $o$ | 193 | 4.70 | B 2 |
| $\pi$ | 184 | 5.02 | A 5 |
| $\rho$ | 9045 | 4.85 | F 8 p |
| $\sigma$ | 9071 | 4.93 | B 2 |
| $\tau$ | 9008 | 5.09 | K |
| $\upsilon^1$ | 253 | 4.95 | K 5 |
| $\upsilon^2$ | 265 | 4.83 | K |
| $\phi$ | 382 | 5.25 | G |
| $\chi$ | 442 | 4.88 | G 2 |
| $\psi$ | 399 | 4.96 | K |
| $\omega$ | 548 | 5.03 | B 8 |
| A | 575 | 4.61 | A 2 |
| B | 92 | nov. | .. |
| R | 9066 | var. | Md |
| RZ | 815 | var. | A |
| **Centaurus.** | | | |
| $\alpha^1$ | 5459 | 0.33 | G |
| $\alpha^2$ | 5460 | 1.70 | K 5 |
| $\beta$ | 5267 | 0.86 | B 1 |
| $\gamma$ | 4819 | 2.38 | A |
| $\delta$ | 4621 | 2.88 | B 3 p |
| $\varepsilon$ | 5132 | 2.56 | B 1 |
| $\zeta$ | 5231 | 3.06 | B 2 p |
| $\eta$ | 5440 | 2.65 | B 3 p |
| $\theta$ | 5288 | 2.26 | K |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Centaurus (con.)** | | | |
| $\iota$ | 5028 | 2.91 | A 2 |
| $\kappa$ | 5576 | 3.35 | B 3 |
| $\lambda$ | 4467 | 3.34 | B 9 |
| $\mu$ | 5193 | 3.32 | B 2 p |
| $\nu$ | 5190 | 3.53 | B 2 |
| $\xi^1$ | 4933 | 5.02 | A |
| $\xi^2$ | 4942 | 4.40 | B 3 |
| $o^1$ | 4441 | 4.96 | F 8 p |
| $o^2$ | 4442 | 5.26 | A 2 p |
| $\pi$ | 4390 | 4.26 | B 5 |
| $\rho$ | 4638 | 4.20 | B 3 |
| $\sigma$ | 4743 | 4.16 | B 3 |
| $\tau$ | 4802 | 4.02 | A 2 |
| $\upsilon^1$ | 5249 | 4.17 | B 3 |
| $\upsilon^2$ | 5260 | 4.39 | F 5 |
| $\phi$ | 5248 | 4.05 | B 3 |
| $\chi$ | 5285 | 4.54 | B 3 |
| $\psi$ | 5367 | 4.17 | A |
| A | 4460 | 4.82 | B 8 |
| a | 5378 | 4.55 | B 5 |
| b | 5471 | 4.09 | B 3 |
| $c^1$ | 5485 | 4.13 | K |
| $c^2$ | 5489 | 5.00 | A |
| d | 5089 | 3.96 | K |
| e | 4888 | 4.35 | K 2 |
| f | 4940 | 4.96 | B 3 |
| g | 5192 | 4.40 | Mb |
| h | 5221 | 4.76 | B 5 |
| i | 5168 | 4.36 | F 5 |
| j | 4537 | 4.52 | B 5 |
| k | 5210 | 4.72 | B 5 |
| | 5211 | 6.17 | |
| l | 4817 | 4.79 | B 8 |
| m | 5041 | 4.50 | G |
| n | 4889 | 4.34 | A 5 |
| p | 4874 | 5.01 | A |
| r | 5006 | 5.36 | K |
| u | 4748 | 5.60 | B 9 |
| v | 5358 | 4.41 | B 5 |
| w | 4831 | 4.65 | K |
| $x^1$ | 4712 | 5.42 | B 9 |
| $x^2$ | 4724 | 5.77 | B 9 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Centaurus (con.)** | | | |
| y | 5222 | 5.64 | F |
| z | 5174 | 5.24 | A |
| B | 4546 | 4.71 | Kp |
| $C^1$ | 4463 | 5.63 | Ma |
| $C^2$ | 4466 | 5.42 | A 5 |
| $C^3$ | 4476 | 5.45 | G 5 p |
| D | 4652 | 5.29 | K |
| E | 4620 | 5.58 | A |
| F | 4682 | 4.98 | Ma |
| G | 4732 | 5.04 | B 3 |
| H | 4913 | 5.29 | B 8 |
| J | 5035 | 4.62 | B 5 |
| K | 5071 | 5.31 | A |
| M | 5172 | 4.68 | K |
| N | 5207 | 5.42 | B 8 |
| Q | 5141 | 5.40 | B 9 |
| R | 5326 | var. | Md |
| T | 5147 | var. | Md |
| V | 5421 | var. | G 5 |
| **Cepheus.** | | | |
| α | 8162 | 2.60 | A 5 |
| β | 8238 | 3.32 | B 1 |
| γ | 8974 | 3.42 | K |
| δ | 8571 | var. | G |
| ε | 8494 | 4.23 | A 5 |
| ζ | 8465 | 3.62 | K |
| η | 7957 | 3.59 | K |
| θ | 7850 | 4.28 | A |
| ι | 8694 | 3.68 | K |
| κ | 7750 | 4.40 | B 9 |
| λ | 8469 | 5.19 | Od |
| μ | 8316 | var. | Ma |
| ν | 8334 | 4.46 | A 2 p |
| ξ | 8417 | 4.40 | A 8 |
| ο | 8872 | 4.90 | K |
| π | 8819 | 4.56 | G 5 |
| ρ | 8591 | 5.50 | A |
| T | 8113 | var. | Md |
| V | 9056 | 6.42 | A |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Cetus.** | | | |
| α | 911 | 2.82 | Ma |
| β | 188 | 2.24 | K |
| γ | 804 | 3.58 | A |
| δ | 779 | 4.04 | B 2 |
| ε | 781 | 5.01 | F 5 |
| ζ | 539 | 3.92 | K |
| η | 334 | 3.60 | K |
| θ | 402 | 3.83 | K |
| ι | 74 | 3.75 | K |
| κ | 996 | 4.96 | K |
| λ | 896 | 4.69 | B 5 |
| μ | 813 | 4.36 | A 5 |
| ν | 754 | 5.02 | K |
| $\xi^1$ | 649 | 4.54 | G 5 |
| $\xi^2$ | 718 | 4.34 | A |
| ο | 681 | var. | Md |
| π | 811 | 4.39 | B 5 |
| ρ | 708 | 4.90 | A |
| σ | 740 | 4.82 | F 5 |
| τ | 509 | 3.65 | K |
| υ | 585 | 4.18 | Ma |
| $\phi^1$ | 194 | 4.93 | K |
| $\phi^2$ | 235 | 5.24 | F |
| $\phi^3$ | 267 | 5.49 | K |
| $\phi^4$ | 279 | 5.79 | G 5 |
| χ | 531 | 4.77 | F |
| T | 85 | var. | Mb |
| W | 9090 | var. | Md. |
| **Chamaeleon.** | | | |
| α | 3318 | 4.08 | F 5 |
| β | 4674 | 4.38 | B 5 |
| γ | 4174 | 4.10 | Ma |
| $\delta^1$ | 4231 | 5.48 | K |
| $\delta^2$ | 4234 | 4.62 | B 3 |
| ε | 4583 | 5.05 | B 9 |
| ζ | 3860 | 5.24 | B |
| η | 3502 | 5.62 | K |
| θ | 3340 | 4.26 | K |
| ι | 3795 | 5.44 | F 2 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Chamaeleon (con.)** | | | |
| κ | 4605 | 5.00 | K 5 |
| μ | 3983 | 5.62 | A |
| ν | 3902 | 5.35 | Ma |
| π | 4479 | 5.74 | F |
| **Circinus.** | | | |
| α | 5463 | 3.41 | F |
| β | 5670 | 4.16 | A 3 |
| γ | 5704 | 4.54 | B 5 p |
| δ | 5664 | 5.24 | O e 5 |
| ε | 5666 | 4.84 | K |
| ζ | 5539 | 6.16 | B 3 |
| η | 5593 | 5.22 | G |
| θ | 5551 | 5.42 | B 2 |
| **Columba.** | | | |
| α | 1956 | 2.75 | B 5 p |
| β | 2040 | 3.22 | K |
| γ | 2106 | 4.36 | B 3 |
| δ | 2296 | 3.98 | G 5 |
| ε | 1862 | 3.92 | K |
| η | 2120 | 4.03 | K |
| θ | 2177 | 5.13 | A |
| κ | 2256 | 4.51 | K |
| λ | 2056 | 4.89 | B 5 |
| μ | 1996 | 5.20 | A 2 |
| $\nu^1$ | 1926 | 5.95 | A 5 |
| $\nu^2$ | 1935 | 5.32 | F 2 |
| ξ | 2087 | 5.02 | K |
| ο | 1743 | 4.91 | K |
| $\pi^1$ | 2171 | 6.25 | A |
| $\pi^2$ | 2181 | 5.48 | A |
| σ | 2092 | 5.54 | F |
| **Corona Borealis.** | | | |
| α | 5793 | 2.31 | A |
| β | 5747 | 3.72 | Fp |

| Let. | H. R | Magn. | Spect. |
|---|---|---|---|
| **Corona Bor. (con.)** | | | |
| γ | 5849 | 3.93 | K |
| δ | 5889 | 4.73 | G 5 |
| ε | 5947 | 4.22 | K |
| ζ | 5833 | 6.00 | B 8 |
| | 5834 | 5.07 | |
| η | 5727 | 5.58 | G |
| | 5728 | 6.08 | |
| θ | 5778 | 4.17 | B 5 |
| ι | 5971 | 4.91 | A |
| κ | 5901 | 4.77 | Mb |
| λ | 5936 | 5.47 | A |
| μ | 5800 | 5.44 | K 5 |
| ν | 6107 | 5.38 | Ma |
| | 6108 | 5.28 | K.5 |
| ξ | 6103 | 4.72 | G 5 |
| ο | 5709 | 5.57 | K |
| π | 5855 | 5.60 | Ma |
| ρ | 5968 | 5.43 | F |
| σ | 6063 | 5.76 | F 5 |
| | 6064 | 6.66 | |
| τ | 6018 | 4.94 | G 2 |
| υ | 6074 | 5.73 | A |
| R | 5880 | var. | Pec. |
| T | 5958 | nov. | Pec. |
| **Corona Austr.** | | | |
| α | 7254 | 4.12 | A 2 |
| β | 7259 | 4.16 | G 5 |
| γ | 7226 | 5.01 | F 8 |
| | 7227 | 5.01 | |
| δ | 7242 | 4.66 | K |
| ε | 7152 | 4.87 | F 5 |
| ζ | 7188 | 4.85 | A |
| $\eta^1$ | 7062 | 5.59 | A 3 |
| $\eta^2$ | 7068 | 5.64 | B 9 |
| θ | 6951 | 4.69 | G 5 |
| κ | 6952 | 6.55 | B 9 |
| | 6953 | 5.95 | |
| λ | 7021 | 5.13 | A |
| μ | 7050 | 5.28 | G |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Corvus.** | | | |
| α | 4623 | 4.18 | F 2 |
| β | 4786 | 2.84 | G 5 |
| γ | 4662 | 2.78 | B 8 |
| δ | 4757 | 3.11 | A |
| ε | 4630 | 3.21 | K |
| ζ | 4696 | 5.30 | B 8 |
| η | 4775 | 4.42 | F |
| **Crater.** | | | |
| α | 4287 | 4.20 | K |
| β | 4343 | 4.52 | A 2 |
| γ | 4405 | 4.14 | A 2 |
| δ | 4382 | 3.82 | K |
| ε | 4402 | 5.07 | K |
| ζ | 4514 | 4.90 | G 5 |
| η | 4567 | 5.16 | A |
| θ | 4468 | 4.81 | B 9 |
| ι | 4488 | 5.64 | F 8 |
| κ | 4416 | 5.96 | F 5 |
| λ | 4395 | 5.15 | G |
| **Crux.** | | | |
| $\alpha^1$ | 4730 | 1.58 | B 1 |
| $\alpha^2$ | 4731 | 2.09 | |
| β | 4853 | 1.50 | B 1 |
| γ | 4763 | 1.61 | Mb |
| | 4764 | 6.55 | |
| δ | 4656 | 3.08 | B 3 |
| ε | 4700 | 3.57 | K 2 |
| ζ | 4679 | 4.26 | B 3 |
| η | 4616 | 4.30 | F |
| $\theta^1$ | 4599 | 4.48 | A 3 |
| $\theta^2$ | 4603 | 4.98 | B 3 |
| ι | 4842 | 4.68 | K |
| κ | 4890 | 6.11 | B 5 |
| λ | 4897 | 4.84 | B 3 |
| μ | 4898 | 4.26 | B 3 |
| S | 4895 | var. | K 5 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Cygnus.** | | | |
| α | 7924 | 1.33 | A 2 |
| β | 7417 | 3.24 | Kp |
| | 7418 | 5.36 | |
| γ | 7796 | 2.32 | F 8 p |
| δ | 7528 | 2.97 | A |
| ε | 7949 | 2.64 | K |
| ζ | 8115 | 3.40 | K |
| η | 7615 | 4.03 | K |
| θ | 7469 | 4.64 | F 5 |
| ι | 7420 | 3.94 | A 2 |
| κ | 7328 | 3.98 | K |
| λ | 7963 | 4.47 | B 5 |
| μ | 8309 | 4.73 | F 5 |
| | 8310 | 6.08 | |
| ν | 8028 | 4.04 | A |
| ξ | 8079 | 3.92 | K 5 |
| $o^1$ | 7730 | 4.96 | A 2 |
| | 7735 | 3.95 | Kp |
| $o^2$ | 7751 | 4.16 | G 5 |
| $\pi^1$ | 8301 | 4 78 | B 3 |
| $\pi^2$ | 8335 | 4.26 | B 3 |
| ρ | 8252 | 4.22 | K |
| σ | 8143 | 4.28 | B 8 p |
| τ | 8130 | 3.82 | F |
| υ | 8146 | 4.42 | B 3 p |
| φ | 7478 | 4.79 | K |
| χ | 7564 | var. | Mdp |
| ψ | 7619 | 4.80 | A 3 |
| $\omega^1$ | 7844 | 4.89 | B 3 |
| $\omega^2$ | 7851 | 5.57 | Ma |
| A | 8154 | 5.06 | Oe 5 |
| $b^1$ | 7689 | 5.52 | K |
| $b^2$ | 7708 | 4.82 | B 2 |
| $b^3$ | 7736 | 4.98 | A |
| c | 7503 | 6.26 | F |
| | 7504 | 6.37 | |
| d | 7576 | 5.17 | K |
| e | 7660 | 5.28 | K |
| $f^1$ | 8047 | 4.86 | Bp |
| $f^2$ | 8089 | 4.88 | K |
| g | 8228 | 5.34 | K |
| P | 7763 | 4.58 | B 4 p |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Cygnus (con.)** | | | |
| Q | 8296 | nov. | Pec. |
| R | 5199 | var. | Md |
| T | 7956 | 5.20 | K |
| W | 8262 | var. | Mc |
| X | 7932 | var. | F 5 p |
| SU | 7518 | var. | F 5 |
| **Delphinus.** | | | |
| α | 7906 | 3.86 | B 8 |
| β | 7882 | 3.72 | F 5 |
| γ | 7947 | 5.47 | G 5 |
| | 7948 | 4.49 | |
| δ | 7928 | 4.53 | A 2 |
| ε | 7852 | 3.98 | B 5 |
| ζ | 7871 | 4.69 | A |
| η | 7858 | 5.23 | A 2 |
| θ | 7892 | 6.06 | K |
| ι | 7883 | 5.43 | A 2 |
| κ | 7896 | 5.23 | G 2 |
| U | 7941 | var. | Md |
| **Dorado.** | | | |
| α | 1465 | 3.47 | Ap |
| β | 1922 | 3.81 | F 5 |
| γ | 1338 | 4.36 | F 5 |
| δ | 2015 | 4.52 | A 5 |
| ε | 2064 | 5.15 | B 5 |
| ζ | 1674 | 4.76 | F 8 |
| $\eta^1$ | 2194 | 5.83 | A |
| $\eta^2$ | 2245 | 4.88 | Mb |
| θ | 1744 | 4.78 | K |
| κ | 1530 | 5.35 | A 5 |
| λ | 1836 | 5.06 | K 8 |
| ν | 2221 | 5.21 | B 9 |
| $\pi^1$ | 2352 | 5.56 | F |
| $\pi^2$ | 2377 | 5.40 | G 5 |
| R | 1492 | var. | Mc |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Draco.** | | | |
| α | 5291 | 3.64 | A |
| β | 6536 | 2.99 | G |
| γ | 6705 | 2.42 | K 5 |
| δ | 7310 | 3.24 | K |
| ε | 7582 | 3.99 | K |
| ζ | 6396 | 3.22 | B 5 |
| η | 6132 | 2.89 | G 5 |
| θ | 5986 | 4.11 | F 8 |
| ι | 5744 | 3.47 | K |
| κ | 4787 | 3.88 | B 5 p |
| λ | 4434 | 4.06 | Ma |
| μ | 6369 | 5.83 | F 5 |
| | 6370 | 5.80 | |
| ν | 6554 | 4.98 | A 5 |
| | 6555 | 4.95 | A 5 |
| ξ | 6688 | 3.90 | K |
| o | 7125 | 4.78 | K |
| π | 7371 | 4.63 | A 2 |
| ρ | 7685 | 4.66 | K |
| σ | 7462 | 4.78 | G 5 |
| τ | 7352 | 4.63 | K |
| υ | 7180 | 4.91 | K |
| φ | 6920 | 4.24 | Ap |
| χ | 6927 | 3.69 | F 8 |
| ψ | 6636 | 4.90 | F 5 |
| | 6637 | 6.07 | |
| ω | 6596 | 4.87 | F 5 |
| A | 6161 | 4.98 | B 8 p |
| b | 6923 | 4.85 | A 2 |
| c | 7049 | 5.08 | A |
| d | 6978 | 4.95 | F 8 p |
| e | 7676 | 5.43 | Ma |
| f | 6566 | 5.21 | K |
| g | 6223 | 5.00 | K 5 |
| h | 6315 | 4.82 | F 5 |
| i | 5226 | 4.77 | Ma |
| **Equuleus.** | | | |
| α | 8131 | 4.14 | A 8 p |
| β | 8178 | 5.14 | A |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Equuleus (con.)** | | | |
| γ | 8097 | 4.76 | Fp |
| δ | 8123 | 4.61 | F 5 |
| **Eridanus.** | | | |
| α | 472 | 0.60 | B 5 |
| β | 1666 | 2.92 | A 2 |
| γ | 1231 | 3.19 | K 5 |
| δ | 1136 | 3.72 | K |
| ε | 984 | 4.90 | A 5 |
| ζ | 1084 | 3.81 | K |
| η | 874 | 4.05 | K |
| θ | 897 | 3.42 | A 2 |
| | 898 | 4.42 | |
| ι | 794 | 4.06 | K |
| κ | 721 | 4.44 | B 5 |
| λ | 1679 | 4.34 | B 2 |
| μ | 1520 | 4.18 | B 5 |
| ν | 1463 | 4.12 | B 2 |
| ξ | 1383 | 5.23 | A 2 |
| $o^1$ | 1298 | 4.14 | F 5 |
| $o^2$ | 1325 | 4.48 | G 5 |
| π | 1162 | 4.64 | Ma |
| $\rho^1$ | 907 | 5.94 | G 5 |
| $\rho^2$ | 917 | 5.52 | G 5 |
| $\rho^3$ | 925 | 5.43 | A 3 |
| $\tau^1$ | 818 | 4.61 | F 5 |
| $\tau^2$ | 850 | 4.81 | K |
| $\tau^3$ | 919 | 4.16 | A 3 |
| $\tau^4$ | 1003 | 3.95 | Mb |
| $\tau^5$ | 1088 | 4.32 | B 8 |
| $\tau^6$ | 1173 | 4.33 | F 8 |
| $\tau^7$ | 1181 | 5.04 | A 2 |
| $\tau^8$ | 1213 | 4.76 | B 5 |
| $\tau^9$ | 1240 | 4.69 | Ap |
| $\upsilon^1$ | 1453 | 4.59 | K |
| $\upsilon^2$ | 1464 | 3.88 | K |
| φ | 674 | 3.78 | B 8 |
| χ | 566 | 3.73 | G 5 |
| ψ | 1617 | 4.81 | B |
| ω | 1560 | 4.45 | A 5 |

| Let. | H .R | Magn. | Spect. |
|---|---|---|---|
| **Eridanus (con.)** | | | |
| A | 1318 | 5.13 | K |
| b | 1582 | 5.46 | A |
| c | 1474 | 5.31 | A 5 |
| d | 1393 | 4.06 | K 5 |
| e | 1008 | 4.30 | G 5 |
| f | 1189 | 5.42 | B |
| | 1190 | 4.86 | B 8 |
| g | 1195 | 4.24 | K |
| h | 1143 | 4.64 | K 2 |
| i | 1214 | 5.12 | A |
| l | 1481 | 3.98 | K |
| p | 486 | 6.03 | G 5 |
| | 487 | 6.00 | |
| $q^1$ | 506 | 5.56 | F 2 |
| $q^2$ | 520 | 5.14 | A |
| s | 789 | 4.53 | A |
| v | 1070 | 4.80 | A |
| w | 1211 | 6.33 | G p |
| | 1212 | 4.95 | |
| y | 1106 | 4.58 | K |
| R | 1581 | 5.82 | G 5 |
| S | 1611 | 4.85 | F |
| **Fornax.** | | | |
| α | 963 | 3.95 | F 8 |
| β | 841 | 4.50 | K |
| $\gamma^1$ | 844 | 6.27 | G 5 |
| $\gamma^2$ | 845 | 5.39 | A |
| δ | 1134 | 4.93 | B 5 |
| ε | 914 | 5.90 | G |
| ζ | 901 | 5.63 | F |
| $\eta^1$ | 835 | 6.51 | F 8 |
| $\eta^2$ | 848 | 5.82 | G 5 |
| $\eta^3$ | 851 | 5.49 | K |
| $\iota^1$ | 767 | 5.79 | G 5 |
| $\iota^2$ | 777 | 5.79 | F 2 |
| κ | 695 | 5.37 | F |
| $\lambda^1$ | 744 | 5.88 | K |
| $\lambda^2$ | 772 | 5.80 | G |
| μ | 652 | 5.24 | A |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Fornax (con.)** | | | |
| ν | 612 | 4.74 | Ap |
| π | 594 | 5.39 | G 5 |
| ρ | 1184 | 5.61 | G |
| σ | 1171 | 5.90 | A |
| τ | 1114 | 6.08 | A |
| φ | 724 | 5.16 | A 2 |
| $\chi^1$ | 1042 | 6.25 | K |
| $\chi^2$ | 1054 | 5.72 | K |
| $\chi^3$ | 1058 | 6.50 | A |
| ψ | 863 | 5.85 | F |
| ω | 749 | 4.95 | B 9 |
| **Gemini.** | | | |
| α | 2890 | 2.85 | A |
| | 2891 | 1.99 | |
| β | 2990 | 1.21 | K |
| γ | 2421 | 1.93 | A |
| δ | 2777 | 3.51 | F |
| ε | 2473 | 3.18 | G 5 |
| ζ | 2650 | var. | G |
| η | 2216 | var. | Ma |
| θ | 2540 | 3.64 | A 2 |
| ι | 2821 | 3.89 | K |
| κ | 2985 | 3.68 | G 5 |
| λ | 2763 | 3.65 | A 2 |
| μ | 2286 | 3.19 | Ma |
| ν | 2343 | 4.06 | B 5 |
| ξ | 2484 | 3.40 | F 5 |
| o | 2930 | 4.92 | F |
| π | 3013 | 5.29 | K |
| ρ | 2852 | 4.18 | F |
| σ | 2973 | 4.26 | K |
| τ | 2697 | 4.48 | K |
| υ | 2905 | 4.22 | K 5 |
| φ | 3067 | 4.99 | A 2 |
| χ | 3149 | 5.04 | K |
| ψ | 3215 | 5.59 | Ap |
| ω | 2630 | 5.21 | G |
| A | 2808 | 5.08 | G |
| b | 2861 | 5.09 | G 5 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Gemini (con.)** | | | |
| c | 2983 | 5.40 | K 5 |
| d | 2529 | 5.22 | A |
| e | 2564 | 4.70 | F |
| f | 2938 | 5.24 | K 5 |
| g | 3003 | 5.02 | K |
| R | 2671 | var. | G |
| **Grus.** | | | |
| α | 8425 | 2.16 | B 5 |
| β | 8636 | 2.24 | Mb |
| γ | 8353 | 3.16 | A |
| $\delta^1$ | 8556 | 4.02 | G 5 |
| $\delta^2$ | 8560 | 4.31 | Mb |
| ε | 8675 | 3.69 | A 2 |
| ζ | 8747 | 4.18 | G 5 |
| η | 8655 | 4.86 | K |
| θ | 8787 | 4.35 | F 5 |
| ι | 8820 | 4.10 | K |
| κ | 8774 | 5.26 | K |
| λ | 8411 | 4.60 | K 2 |
| $\mu^1$ | 8486 | 4.86 | G |
| $\mu^2$ | 8488 | 5.19 | G 5 |
| ν | 8552 | 5.48 | K |
| ξ | 8229 | 5.35 | K 5 |
| o | 8907 | 5.54 | F |
| $\pi^1$ | 8521 | 6.65 | Pec. |
| $\pi^2$ | 8524 | 5.82 | F |
| ρ | 8644 | 4.89 | K |
| $\tau^1$ | 8700 | 6.32 | G |
| $\tau^3$ | 8722 | 5.90 | A 5 |
| υ | 8790 | 5.59 | A |
| φ | 8859 | 5.55 | F 2 |
| **Hercules.** | | | |
| α | 6406 | 3.48 | Mb |
| | 6407 | 5.39 | |
| β | 6148 | 2.81 | K |
| γ | 6195 | 3.79 | F |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Hercules (con.)** | | | |
| δ | 6410 | 3.16 | A |
| ε | 6324 | 3.92 | A |
| ζ | 6212 | 3.00 | G |
| η | 6220 | 3.61 | K |
| θ | 6695 | 3.99 | K |
| ι | 6588 | 3.79 | B 3 |
| κ | 6008 | 5.34 | K |
| | 6009 | 6.52 | |
| λ | 6526 | 4.48 | K 5 |
| μ | 6623 | 3.48 | G 5 |
| ν | 6707 | 4.48 | F |
| ξ | 6703 | 3.82 | K |
| o | 6779 | 3.83 | A |
| π | 6418 | 3.36 | K 2 |
| ρ | 6484 | 5.47 | A |
| | 6485 | 4.52 | |
| σ | 6168 | 4.25 | A |
| τ | 6092 | 3.91 | B 5 |
| υ | 5982 | 4.64 | B 9 |
| φ | 6023 | 4.26 | A |
| χ | 5914 | 4.61 | F |
| ω | 6117 | 4.53 | Ap |
| A | 6815 | 5.02 | Ma |
| b | 6775 | 5.21 | F 8 |
| c | 6377 | 5.38 | A |
| d | 6332 | 5.27 | A 2 |
| e | 6436 | 4.80 | A |
| f | 6677 | 5.12 | G 2 |
| g | 6146 | 5.02 | Mb |
| h | 6159 | 4.92 | K 5 |
| i | 6228 | 5.38 | K |
| k | 6250 | 5.46 | A |
| l | 6234 | 5.28 | Ap |
| m | 6194 | 6.86 | A |
| | 6195 | 5.73 | |
| n | 6158 | 5.56 | A |
| o | 6111 | 5.72 | A |
| q | 6035 | 5.90 | A |
| r | 5966 | 5.28 | K |
| s | 6152 | 5.29 | G 5 |
| t | 6877 | 5.05 | A 5 |
| u | 6431 | var. | B 3 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Hercules (con.)** | | | |
| w | 6458 | 5.36 | G |
| x | 6509 | 5.81 | A |
| y | 6574 | 5.54 | K |
| z | 6664 | 6.43 | B |
| U | 6119 | var. | Md |
| **Horologium.** | | | |
| α | 1326 | 3.83 | K |
| β | 909 | 5.08 | A 5 |
| δ | 1302 | 4.85 | F |
| ζ | 802 | 5.26 | A 8 |
| η | 778 | 5.26 | A 5 |
| ι | 810 | 5.42 | F 2 |
| λ | 714 | 5.47 | F |
| μ | 934 | 5.16 | F |
| ν | 852 | 5.39 | A |
| R | 868 | var. | Md |
| **Hydra.** | | | |
| α | 3748 | 2.16 | K 2 |
| β | 4552 | 4.40 | B 9 |
| γ | 5020 | 3.33 | G 5 |
| δ | 3410 | 4.18 | A |
| ε | 3482 | 3.48 | F 8 |
| ζ | 3547 | 3.30 | K |
| η | 3454 | 4.32 | B 3 |
| θ | 3665 | 3.84 | A |
| ι | 3845 | 4.10 | K |
| κ | 3849 | 4.96 | B 3 |
| λ | 3994 | 3.83 | K |
| μ | 4094 | 4.06 | K 5 |
| ν | 4232 | 3.32 | K |
| ξ | 4450 | 3.72 | G 5 |
| o | 4494 | 4.88 | B 8 |
| π | 5287 | 3.48 | K |
| ρ | 3492 | 4.42 | A |
| σ | 3418 | 4.54 | K 5 |
| $\tau^1$ | 3759 | 4.78 | F 5 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Hydra (con.)** | | | |
| $\tau^2$ | 3787 | 4.50 | A 3 |
| $\upsilon^1$ | 3903 | 4.29 | G |
| $\upsilon^2$ | 3970 | 4.72 | A |
| φ | 4171 | 5.11 | K |
| $\chi^1$ | 4314 | 5.06 | F 5 |
| $\chi^2$ | 4317 | 5.69 | B 8 |
| ψ | 4958 | 5.11 | K |
| ω | 3613 | 5.41 | K |
| A | 3814 | 5.70 | K |
| a | 3431 | 5.15 | K |
| $b^1$ | 4214 | 5.56 | A |
| $b^3$ | 4251 | 5.28 | K |
| k | 5381 | 4.93 | K 2 |
| l | 5407 | 5.00 | B 8 |
| m | 5497 | 5.03 | F 5 |
| C | 3314 | 3.95 | A |
| D | 3484 | 4.44 | G 5 |
| E | 5526 | 4.63 | K 2 |
| F | 3459 | 4.70 | G |
| G | 3749 | 4.94 | K |
| I | 3858 | 4.74 | B 2 |
| N | 4443 | 5.86 | G |
| | 4444 | 5.78 | |
| P | 3709 | 4.97 | G 5 |
| R | 5080 | var. | Md |
| U | 4163 | var. | N |
| **Hydrus.** | | | |
| α | 591 | 3.02 | F |
| β | 98 | 2.90 | G |
| γ | 1208 | 3.17 | Ma |
| δ | 705 | 4.26 | A 2 |
| ε | 806 | 4.26 | B 9 |
| ζ | 837 | 4.90 | A 2 |
| $\eta^2$ | 570 | 4.72 | K |
| θ | 939 | 5.52 | A |
| ι | 1025 | 5.53 | F 2 |
| κ | 715 | 6.00 | G 5 |
| λ | 236 | 4.96 | K 5 |
| μ | 776 | 5.29 | K |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Hydrus (con.)** | | | |
| ν | 872 | 4.70 | K 2 |
| $\pi^1$ | 667 | 5.44 | Ma |
| $\pi^2$ | 678 | 5.52 | K |
| σ | 593 | 6.22 | F 5 |
| $\tau^1$ | 516 | 6.24 | K |
| $\tau^2$ | 550 | 6.06 | F 2 |
| **Indus.** | | | |
| α | 7869 | 3.21 | K |
| β | 7986 | 3.72 | K |
| γ | 8188 | 6.24 | F |
| δ | 8368 | 4.56 | F |
| ε | 8387 | 4.74 | K 5 |
| ζ | 7952 | 4.90 | K 5 |
| η | 7920 | 4.70 | F |
| θ | 8140 | 4.60 | A 5 |
| ι | 7968 | 5.16 | K |
| μ | 8055 | 5.20 | K |
| ν | 8515 | 5.42 | F |
| o | 8333 | 5.50 | K 5 |
| ρ | 8701 | 6.14 | G |
| T | 8145 | 6.16 | N |
| **Leo.** | | | |
| α | 3982 | 1.34 | B 8 |
| β | 4534 | 2.23 | A 2 |
| γ | 4057 | 2.61 | K |
| | 4058 | 3.80 | |
| δ | 4357 | 2.58 | A 2 |
| ε | 3873 | 3.12 | Gp |
| ζ | 4031 | 3.65 | F |
| η | 3975 | 3.58 | Ap |
| θ | 4359 | 3.41 | A |
| ι | 4399 | 4.03 | F 5 |
| κ | 3731 | 4.61 | K |
| λ | 3773 | 4.48 | K 5 p |
| μ | 3905 | 4.10 | K |
| ν | 3937 | 5.18 | A |

1908AnHar..50....1P

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Leo (con.)** | | | |
| ξ | 3782 | 5.12 | K |
| o | 3852 | 3.76 | F 5 p |
| π | 3950 | 4.89 | Ma |
| ρ | 4133 | 3.85 | Bp |
| σ | 4386 | 4.13 | A |
| τ | 4418 | 5.18 | K |
| υ | 4471 | 4.47 | K |
| φ | 4368 | 4.58 | A 5 |
| χ | 4310 | 4.66 | F |
| ψ | 3866 | 5.62 | Mbp |
| ω | 3754 | 5.52 | G |
| A | 3980 | 4.58 | K 5 p |
| b | 4300 | 4.42 | A |
| c | 4294 | 5.08 | A 5 |
| d | 4291 | 5.05 | Kp |
| e | 4432 | 5.07 | K |
| f | 3861 | 5.73 | A 3 |
| g | 3900 | 5.33 | A |
| h | 3779 | 5.28 | F 5 |
| k | 4209 | 5.64 | G |
| l | 4227 | 5.27 | A |
| m | 4208 | 5.64 | G |
| n | 4365 | 5.48 | K |
| o | 4564 | 5.49 | A 2 |
| $p^1$ | 4253 | 5.72 | K |
| $p^2$ | 4299 | 4.97 | Ma |
| $p^3$ | 4306 | 6.15 | G 5 |
| $p^4$ | 4319 | 5.66 | K |
| $p^5$ | 4356 | 5.40 | A |
| R | 3882 | var. | Md |
| **Lepus.** | | | |
| α | 1865 | 2.69 | F |
| β | 1829 | 2.96 | G |
| γ | 1983 | 3.80 | F 8 |
| δ | 2035 | 3.90 | K |
| ε | 1654 | 3.29 | K 5 |
| ζ | 1998 | 3.67 | A 2 |
| η | 2085 | 3.77 | F 5 |
| θ | 2155 | 4.67 | A |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Lepus (con.)** | | | |
| ι | 1696 | 4.54 | A |
| κ | 1705 | 4.46 | B 8 |
| λ | 1756 | 4.29 | B 2 |
| μ | 1702 | 3.30 | Ap |
| ν | 1757 | 5.29 | A |
| R | 1607 | var. | N |
| S | 2156 | var. | Mb |
| **Libra.** | | | |
| $α^1$ | 5530 | 5.33 | F 5 |
| $α^2$ | 5531 | 2.90 | A 2 |
| β | 5685 | 2.74 | B 8 |
| γ | 5787 | 4.02 | K |
| δ | 5586 | 4.84 | A |
| ε | 5723 | 5.08 | F |
| ζ | 5764 | 5.59 | B 3 |
| η | 5848 | 5.55 | A 5 |
| θ | 5908 | 4.34 | K |
| ι | 5652 | 4.66 | Ap |
| κ | 5838 | 4.96 | K |
| λ | 5902 | 5.06 | A |
| μ | 5523 | 5.38 | A |
| ν | 5622 | 5.28 | K |
| $ξ^1$ | 5554 | 5.84 | K |
| $ξ^2$ | 5564 | 5.63 | K |
| o | 5703 | 6.11 | A |
| σ | 5603 | 3.41 | Mb |
| τ | 5812 | 3.80 | B 3 |
| υ | 5794 | 3.78 | K 2 |
| **Lupus.** | | | |
| α | 5469 | 2.89 | B 2 |
| β | 5571 | 2.81 | B 2 p |
| γ | 5776 | 2.95 | B 3 |
| δ | 5695 | 3.43 | B 2 |
| ε | 5708 | 3.74 | B 3 |
| ζ | 5649 | 3.50 | K |
| η | 5948 | 3.61 | B 3 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Lupus (con.)** | | | |
| θ | 5987 | 4.33 | B 3 |
| ι | 5354 | 4.10 | B 3 |
| κ | 5646 | 4.14 | B 9 |
| λ | 5626 | 4.39 | B 3 |
| μ | 5683 | 4.36 | B 8 |
| $ν^1$ | 5698 | 5.06 | F 8 |
| $ν^2$ | 5699 | 5.71 | G |
| ξ | 5925 | 5.37 | A |
| | 5926 | 5.73 | |
| o | 5528 | 4.49 | B 5 |
| π | 5605 | 4.72 | B 5 |
| | 5606 | 4.82 | |
| ρ | 5453 | 4.14 | B 5 |
| σ | 5425 | 4.60 | B 2 |
| $τ^1$ | 5395 | 4.65 | B 3 |
| $τ^2$ | 5396 | 4.49 | F 5 |
| υ | 5719 | 5.38 | A |
| $φ^1$ | 5705 | 3.59 | K 5 |
| $φ^2$ | 5712 | 4.69 | B 3 |
| χ | 5883 | 4.11 | B 9 |
| $ψ^1$ | 5820 | 4.63 | K |
| $ψ^2$ | 5839 | 4.82 | B 5 |
| ω | 5797 | 4.27 | K 5 |
| a | 5450 | 5.44 | K |
| b | 5495 | 5.20 | K |
| c | 5556 | 5.56 | A 2 |
| d | 5781 | 4.84 | B 3 |
| e | 5651 | 4.92 | B 3 |
| f | 5686 | 4.43 | K |
| g | 5825 | 4.69 | F |
| h | 5837 | 5.31 | K |
| i | 5660 | 4.95 | F |
| k | 5724 | 4.68 | A |
| **Lyra.** | | | |
| α | 7001 | 0.14 | A |
| β | 7106 | var. | B 2 p |
| γ | 7178 | 3.30 | A |
| $δ^1$ | 7131 | 5.51 | B 3 |
| $δ^2$ | 7139 | 4.52 | Mb |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Lyra (con.)** | | | |
| ε | 7051 | 5.06 | A 3 |
| | 7052 | 6.02 | |
| | 7053 | 5.14 | A 5 |
| | 7054 | 5.37 | |
| ζ | 7056 | 4.29 | F |
| | 7057 | 5.87 | A 5 |
| η | 7298 | 4.46 | B 3 |
| θ | 7314 | 4.46 | K |
| ι | 7262 | 5.13 | B 5 |
| κ | 6872 | 4.34 | K |
| λ | 7192 | 5.11 | K |
| μ | 6903 | 5.04 | A 2 |
| ν | 7102 | 5.16 | A 2 |
| R | 7157 | 4.32 | Mb |
| **Mensa.** | | | |
| α | 2261 | 5.14 | K |
| β | 1677 | 5.30 | K |
| γ | 1953 | 5.06 | K |
| δ | 1426 | 5.62 | K |
| ε | 2919 | 5.42 | K |
| ζ | 2559 | 5.64 | A 2 |
| η | 1629 | 5.28 | K |
| θ | 2689 | 5.51 | A |
| ι | 1991 | 6.14 | A |
| κ | 2125 | 5.56 | A |
| λ | 2062 | 6.51 | K |
| μ | 1541 | 5.69 | A |
| ν | 1456 | 5.79 | A 5 |
| ξ | 1716 | 5.85 | K |
| π | 2022 | 5.65 | G 5 |
| **Microscopium.** | | | |
| α | 7965 | 5.00 | K |
| β | 7979 | 6.03 | A 2 |
| γ | 8039 | 4.71 | G 5 |
| δ | 8070 | 5.71 | K |
| ε | 8135 | 4.79 | A |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Microscopium (con.)** | | | |
| ζ | 8048 | 5.35 | F |
| η | 8069 | 5.56 | K |
| $\theta^1$ | 8151 | 4.92 | A 2 p |
| $\theta^2$ | 8180 | 5.86 | Ap |
| ι | 7943 | 5.14 | A 5 |
| ν | 7846 | 5.30 | K |
| **Monoceros.** | | | |
| α | 2970 | 4.07 | K |
| β | 2356 | 4.73 | B 3 p |
| | 2357 | 5.22 | |
| | 2358 | 5.60 | |
| γ | 2227 | 4.09 | K |
| δ | 2714 | 4.09 | A |
| ζ | 3188 | 4.41 | G |
| S | 2456 | 4.68 | Oe 5 |
| T | 2310 | var. | G |
| **Musca.** | | | |
| α | 4798 | 2.94 | B 3 |
| β | 4844 | 3.26 | B 3 |
| γ | 4773 | 4.04 | B 5 |
| δ | 4923 | 3.63 | K 2 |
| ε | 4671 | 4.16 | Mb |
| $\zeta^1$ | 4704 | 5.82 | K |
| $\zeta^2$ | 4703 | 5.26 | A 5 |
| η | 4993 | 4.95 | B 8 |
| θ | 4952 | 5.64 | Oap |
| $\iota^1$ | 5042 | 4.96 | K |
| $\iota^2$ | 5051 | 6.76 | A |
| λ | 4520 | 3.80 | A 5 |
| μ | 4530 | 4.71 | K 5 |
| R | 4820 | var. | K |
| S | 4645 | var. | G |
| **Norma.** | | | |
| $\gamma^1$ | 6058 | 5.00 | F 8 |
| $\gamma^2$ | 6072 | 4.14 | K |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Norma (con.)** | | | |
| δ | 5980 | 4.84 | A 3 p |
| ε | 6115 | 4.71 | B 4 |
| η | 5962 | 4.74 | G 5 |
| θ | 6045 | 5.36 | B 4 |
| $\iota^1$ | 5961 | 4.87 | A 2 |
| $\iota^2$ | 5994 | 5.79 | B 9 |
| κ | 6024 | 5.09 | K |
| λ | 6071 | 5.62 | A 2 |
| μ | 6155 | 5.15 | A |
| S | 6062 | var. | Fp |
| **Octans.** | | | |
| α | 8021 | 5.24 | F 5 |
| β | 8630 | 4.34 | F |
| $\gamma^1$ | 9032 | 5.10 | G 5 |
| $\gamma^2$ | 9061 | 5.68 | G 5 |
| $\gamma^3$ | 30 | 5.30 | K 5 |
| δ | 5339 | 4.14 | K 2 |
| ε | 8481 | 5.11 | Mb |
| ζ | 3678 | 5.38 | F 5 |
| η | 4312 | 6.26 | A |
| θ | 9084 | 4.73 | K |
| ι | 4870 | 5.38 | K |
| κ | 5084 | 5.65 | A |
| λ | 8280 | 5.38 | K |
| $\mu^1$ | 7863 | 6.14 | Pec. |
| $\mu^2$ | 7864 | 6.56 | G |
| ν | 8254 | 3.74 | K |
| ξ | 8663 | 5.52 | B 8 |
| $\pi^1$ | 5525 | 5.60 | K |
| $\pi^2$ | 5545 | 5.55 | K |
| ρ | 5729 | 5.66 | A |
| σ | 7228 | 5.48 | A 8 |
| τ | 8862 | 5.56 | K |
| υ | 8505 | 5.74 | K |
| φ | 6829 | 5.61 | A |
| χ | 6721 | 5.22 | K 5 |
| ψ | 8471 | 5.63 | A 5 |
| ω | 5557 | 5.90 | A |
| B | 8294 | 6.54 | K |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Ophiuchus.** | | | |
| α | 6556 | 2.14 | A 5 |
| β | 6603 | 2.94 | K |
| γ | 6629 | 3.74 | A |
| δ | 6056 | 3.03 | Ma |
| ε | 6075 | 3.34 | K |
| ζ | 6175 | 2.70 | B |
| η | 6378 | 2.63 | A |
| θ | 6453 | 3.37 | B 3 |
| ι | 6281 | 4.29 | B 8 |
| κ | 6299 | 3.42 | K |
| λ | 6149 | 3.85 | A |
| μ | 6567 | 4.65 | B 8 |
| ν | 6698 | 3.50 | K |
| ξ | 6445 | 4.46 | F 5 |
| ο | 6424 | 5.39 | K |
| | 6425 | 6.90 | |
| ρ | 6112 | 5.22 | B 5 |
| | 6113 | 5.92 | |
| σ | 6498 | 4.44 | K |
| τ | 6733 | 6.04 | F |
| | 6734 | 5.34 | |
| υ | 6129 | 4.68 | A 2 |
| φ | 6147 | 4.40 | K |
| χ | 6118 | 4.85 | B 3 |
| ψ | 6104 | 4.59 | K |
| ω | 6153 | 4.57 | F |
| A | 6401 | 5.33 | K |
| | 6402 | 5.29 | |
| b | 6486 | 4.28 | F |
| c | 6519 | 4.89 | A |
| d | 6492 | 4.37 | F 5 |
| e | 6433 | 5.28 | K |
| f | 6548 | 5.77 | A 2 |
| U | 6414 | 5.76 | B |
| X | 7002 | var. | Md |
| Y | 6661 | var. | G |
| **Orion.** | | | |
| α | 2061 | 0.92 | Ma |
| β | 1713 | 0.34 | B 8 p |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Orion (con.)** | | | |
| γ | 1790 | 1.70 | B 2 |
| δ | 1851 | 6.87 | B |
| | 1852 | 2.48 | |
| ε | 1903 | 1.75 | B |
| ζ | 1948 | 2.05 | B |
| | 1949 | 4.21 | |
| η | 1788 | 3.44 | B 1 |
| $\theta^1$ | 1893 | 6.84 | Oe 5 |
| | 1894 | 7.93 | |
| | 1895 | 5.36 | |
| | 1896 | 6.85 | |
| $\theta^2$ | 1897 | 5.17 | B 1 |
| ι | 1899 | 2.87 | Oe 5 |
| κ | 2004 | 2.20 | B |
| λ | 1879 | 3.66 | Oe 5 |
| | 1880 | 5.56 | |
| μ | 2124 | 4.19 | A 2 |
| ν | 2159 | 4.40 | B 2 |
| ξ | 2199 | 4.35 | B 3 |
| $o^1$ | 1556 | 5.19 | Ma |
| $o^2$ | 1580 | 4.28 | K |
| $\pi^1$ | 1570 | 4.74 | A |
| $\pi^2$ | 1544 | 4.35 | A |
| $\pi^3$ | 1543 | 3.31 | F 8 |
| $\pi^4$ | 1552 | 3.78 | B 3 |
| $\pi^5$ | 1567 | 3.87 | B 3 |
| $\pi^6$ | 1601 | 4.73 | K |
| ρ | 1698 | 4.64 | K |
| σ | 1931 | 3.78 | B |
| τ | 1735 | 3.68 | B 5 |
| υ | 1855 | 4.64 | B |
| $\phi^1$ | 1876 | 4.53 | B |
| $\phi^2$ | 1907 | 4.39 | K |
| $\chi^1$ | 2047 | 4.62 | F 8 |
| $\chi^2$ | 2135 | 4.71 | B 2 |
| ψ | 1811 | 4.66 | B 2 |
| ω | 1934 | 4 54 | B 3 |
| A | 1839 | 4.32 | B 3 |
| b | 1963 | 5.24 | Kp |
| c | 1892 | 4.65 | B 3 |
| d | 1937 | 4.88 | A 3 |
| e | 1784 | 4.21 | K |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Orion (con.)** | | | |
| f¹ | 2198 | 4.92 | B 3 |
| f² | 2223 | 5.28 | B 9 |
| g | 1569 | 5.15 | A |
| h | 1672 | 5.42 | A |
| i | 1664 | 5.47 | F |
| k | 2241 | 5.11 | F 5 |
| l | 2247 | 5.29 | A |
| m | 1770 | 4.99 | B 3 |
| n¹ | 1842 | 5.52 | B 3 |
| n² | 1872 | 5.32 | A |
| o | 1765 | 4.65 | B 3 |
| p | 1787 | 5.15 | K |
| U | 2063 | var. | Md |
| W | 1648 | var. | N |
| **Pavo.** | | | |
| α | 7790 | 2.12 | B 3 |
| β | 7913 | 3.60 | A 5 |
| γ | 8181 | 4.30 | F 8 |
| δ | 7665 | 3.64 | G 5 |
| ε | 7590 | 4.10 | A |
| ζ | 6982 | 4.10 | K |
| η | 6582 | 3.58 | K |
| θ | 7036 | 5.89 | A 3 |
| ι | 6761 | 5.48 | G |
| κ | 7107 | var. | F 5 |
| λ | 7074 | 4.42 | B 2 |
| μ¹ | 7603 | 5.72 | K |
| μ² | 7612 | 5.19 | K |
| ν | 6916 | 4.81 | B 8 |
| ξ | 6855 | 4.25 | K 2 |
| ο | 8092 | 5.08 | Ma |
| π | 6745 | 4.44 | A 5 |
| ρ | 7859 | 5.03 | F 5 |
| σ | 7934 | 5.47 | K |
| τ | 7274 | 6.50 | A 5 |
| υ | 7881 | 5.36 | B 9 |
| φ¹ | 7848 | 4.84 | F |
| φ² | 7875 | 5.30 | F 8 |
| ω | 7127 | 5.14 | K |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Pegasus.** | | | |
| α | 8781 | 2.57 | A |
| β | 8775 | 2.61 | Mb |
| γ | 39 | 2.87 | B 2 |
| δ | 15 | R | A |
| ε | 8308 | 2.54 | K |
| ζ | 8634 | 3.61 | B 8 |
| η | 8650 | 3.10 | G |
| θ | 8450 | 3.70 | A |
| ι | 8430 | 3.96 | F 5 |
| κ | 8315 | 4.27 | F 5 |
| λ | 8667 | 4.14 | K |
| μ | 8684 | 3.67 | K |
| ν | 8413 | 4.90 | Kp |
| ξ | 8665 | 4.31 | F 5 |
| ο | 8641 | 4.85 | A |
| π | 8454 | 4.38 | F 5 |
| ρ | 8717 | 4.95 | A |
| σ | 8697 | 5.30 | F |
| τ | 8880 | 4.65 | A 5 |
| υ | 8905 | 4.57 | G |
| φ | 9036 | 5.23 | Ma |
| χ | 45 | 4.94 | Ma |
| ψ | 9064 | 4.75 | Ma |
| **Perseus.** | | | |
| α | 1017 | 1.90 | F 5 |
| β | 936 | var. | B 8 |
| γ | 915 | 3.08 | Gp |
| δ | 1122 | 3.10 | B 5 |
| ε | 1220 | 2.96 | B |
| ζ | 1203 | 2.91 | B 1 |
| η | 834 | 3.93 | K |
| θ | 799 | 4.22 | G |
| ι | 937 | 4.17 | G |
| κ | 941 | 4.00 | K |
| λ | 1261 | 4.33 | A |
| μ | 1303 | 4.28 | G |
| ν | 1135 | 3.93 | F 5 |
| ξ | 1228 | 4.05 | Oe 5 |
| ο | 1131 | 3.94 | B 1 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Perseus (con.)** | | | |
| π | 879 | 4.62 | A 2 |
| ρ | 921 | var. | Mb |
| σ | 1052 | 4.55 | K |
| τ | 854 | 4.06 | Gp |
| υ | 464 | 3.77 | K |
| φ | 496 | 4.19 | Bp |
| ψ | 1087 | 4.26 | B 5 p |
| ω | 947 | 4.82 | G 5 |
| A | 1210 | 5.47 | F |
| b | 1324 | 4.57 | A 2 |
| c | 1273 | 4.03 | B 3 p |
| d | 1350 | 4.89 | B 3 |
| e | 1454 | 4.46 | G |
| f | 1306 | 4.89 | F |
| g | 590 | 4.99 | B 8 |
| i | 685 | 5.22 | A 2 |
| k | 918 | 5.08 | K |
| l | 1002 | 4.98 | A 2 |
| m | 1434 | 6.07 | A 2 |
| n | 1177 | 5.10 | A |
| o | 1123 | 5.04 | B 2 |
| X | 1209 | var. | F |
| **Phoenix.** | | | |
| α | 99 | 2.44 | K |
| β | 322 | 3.35 | K |
| γ | 429 | 3.40 | K 5 |
| δ | 440 | 3.96 | K |
| ε | 25 | 3.94 | K |
| ζ | 338 | 4.13 | B 8 |
| η | 191 | 4.53 | A |
| ι | 8949 | 4.80 | A 2 p |
| κ | 100 | 3.90 | A 3 |
| λ¹ | 125 | 4.88 | A 2 |
| λ² | 147 | 5.52 | F 8 |
| μ | 180 | 4.65 | K |
| ν | 370 | 4.88 | G |
| ξ | 183 | 5.83 | Fp |
| π | 9069 | 5.14 | K |
| ρ | 242 | 5.22 | F 5 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Phoenix (con.)** | | | |
| σ | 9006 | 5.37 | B 5 |
| τ | 9081 | 5.66 | G 5 |
| υ | 331 | 5.15 | A 3 |
| φ | 558 | 5.00 | B 9 |
| χ | 602 | 4.96 | K |
| ψ | 555 | 4.41 | Mb |
| **Pictor.** | | | |
| α | 2550 | 3.30 | A 5 |
| β | 2020 | 3.94 | A 3 |
| γ | 2042 | 4.38 | K |
| δ | 2212 | 4.84 | B 1 |
| ζ | 1767 | 5.52 | F 5 |
| η¹ | 1649 | 5.44 | F 5 |
| η² | 1663 | 4.92 | K 5 |
| θ | 1818 | 6.32 | A |
| ι | 1563 | 5.60 | F |
| | 1564 | 6.44 | |
| λ | 1516 | 5.26 | G 5 |
| μ | 2412 | 5.78 | A |
| ν | 2320 | 5.72 | A 2 |
| **Pisces.** | | | |
| α | 595 | 5.23 | A 2 p |
| | 596 | 4.33 | |
| β | 8773 | 4.58 | B 5 |
| γ | 8852 | 3.85 | K |
| δ | 224 | 4.55 | K 5 |
| ε | 294 | 4.45 | G 5 |
| ζ | 361 | 5.57 | A 5 p |
| | 362 | 6.49 | F 2 |
| η | 437 | 3.72 | G 5 |
| θ | 8916 | 4.45 | G 5 |
| ι | 8969 | 4.28 | F 5 |
| κ | 8911 | 4.94 | A 2 |
| λ | 8984 | 4.61 | A 5 |
| μ | 434 | 5.12 | K |
| ν | 489 | 4.68 | K |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Pisces (con.)** | | | |
| ξ | 549 | 4.84 | K |
| ο | 510 | 4.50 | G 5 |
| π | 463 | 5.63 | F |
| ρ | 413 | 5.32 | F |
| σ | 291 | 5.46 | B 9 |
| τ | 352 | 4.70 | Kp |
| υ | 383 | 4.67 | A 2 |
| φ | 360 | 4.64 | K |
| χ | 351 | 4.89 | K |
| $\psi^1$ | 310 | 5.55 | A |
| | 311 | 5.82 | A 2 |
| $\psi^2$ | 328 | 5.63 | A 2 |
| $\psi^3$ | 339 | 5.60 | G |
| ω | 9072 | 4.03 | F 5 |
| A | 8807 | 5.56 | K |
| b | 8878 | 5.18 | K |
| c | 9093 | 5.78 | F |
| d | 80 | 5.58 | K |
| e | 330 | 5.67 | A |
| f | 378 | 5.28 | A 2 |
| g | 349 | 5.04 | A 5 |
| h | 274 | 5.64 | K |
| i | 230 | 6.29 | F |
| | 231 | 6.29 | |
| k | 262 | 5.94 | A |
| l | 389 | 5.60 | K |
| **Piscis Austrinus.** | | | |
| α | 8728 | 1.29 | A 3 |
| β | 8576 | 4.36 | A |
| γ | 8695 | 4.52 | A |
| δ | 8720 | 4.33 | K |
| ε | 8628 | 4.22 | B 8 |
| ζ | 8570 | 6.53 | K |
| η | 8386 | 5.42 | A |
| θ | 8326 | 5.09 | A 2 |
| ι | 8305 | 4.35 | A |
| λ | 8478 | 5.40 | A |
| μ | 8431 | 4.62 | A 2 |
| π | 8767 | 5.13 | K |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Piscis Austr. (con.)** | | | |
| τ | 8447 | 5.06 | F 8 |
| υ | 8433 | 5.09 | K 5 |
| **Puppis.** | | | |
| ζ | 3165 | 2.27 | Od |
| ν | 2451 | 3.18 | B 8 |
| ξ | 3045 | 3.47 | G |
| ο | 3034 | 4.59 | B 2 p |
| π | 2773 | 2.74 | K 5 |
| ρ | 3185 | 2.88 | F 5 |
| σ | 2878 | 3.27 | K 5 |
| τ | 2553 | 2.83 | K |
| A | 2702 | 4.85 | B 3 |
| a | 3080 | 3.76 | G 5 |
| b | 3084 | 4.53 | B 3 |
| c | 3017 | 3.72 | K 5 |
| $d^1$ | 2961 | 4.91 | B 5 |
| $d^2$ | 2963 | 5.74 | A |
| $d^3$ | 2964 | 5.78 | B 5 |
| f | 2937 | 4.62 | B 8 |
| $h^1$ | 3225 | 4.43 | K 5 |
| $h^2$ | 3243 | 4.43 | K |
| j | 3102 | 4.35 | F 8 |
| k | 2948 | 4.50 | B 8 |
| l | 2996 | 4.10 | A 2 p |
| m | 2944 | 4.64 | A |
| n | 2909 | 5.86 | F |
| p | 2922 | 4.55 | B 8 |
| q | 3270 | 4.43 | A 5 |
| r | 3237 | 4.77 | B 3 p |
| t | 2619 | 5.07 | B 5 |
| $v^1$ | 2787 | 4.68 | B 3 p |
| $v^2$ | 2790 | 5.11 | B 3 |
| w | 3282 | 4.94 | K |
| x | 2518 | 5.25 | A |
| y | 2875 | 5.41 | A |
| C | 2666 | 5.26 | A 5 |
| E | 2727 | 5.40 | A 5 |
| F | 2791 | 5.24 | A 5 |
| G | 2348 | 5.94 | A |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Puppis (con.)** | | | |
| H | 2672 | 5.12 | A 2 |
| I | 2740 | 4.47 | F |
| J | 3090 | 4.32 | B 1 |
| $L^1$ | 2746 | 5.04 | Ap |
| $L^2$ | 2748 | var. | Md |
| N | 3116 | 5.10 | A |
| O | 3121 | 5.16 | Kp |
| P | 3055 | 4.25 | B |
| Q | 3046 | 4.64 | K |
| R | 2974 | 6.64 | F |
| T | 3041 | 5.96 | Ma |
| V | 3129 | 4.50 | B 1 p |
| Z | 2911 | 5.51 | A |
| **Pyxis.** | | | |
| α | 3468 | 3.70 | B 2 |
| β | 3438 | 4.04 | G 5 |
| γ | 3518 | 4.19 | K 2 |
| δ | 3556 | 4.87 | A |
| ε | 3644 | 5.56 | A 5 |
| ζ | 3433 | 5.04 | G 2 |
| η | 3420 | 5.20 | A |
| θ | 3718 | 4.93 | Ma |
| κ | 3628 | 4.82 | K 5 p |
| λ | 3733 | 4.90 | G 2 |
| R | 3534 | 6.54 | F 2 |
| **Reticulum.** | | | |
| α | 1336 | 3.36 | G 5 |
| β | 1175 | 3.80 | K |
| γ | 1264 | 4.46 | Mb |
| δ | 1247 | 4.41 | Ma |
| ε | 1355 | 4.42 | K 2 |
| $\zeta^1$ | 1006 | 5.48 | G |
| $\zeta^2$ | 1010 | 5.16 | F 8 |
| η | 1395 | 5.18 | G 5 |
| ι | 1266 | 4.81 | K 5 |
| κ | 1083 | 4.80 | F 5 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Sagitta.** | | | |
| α | 7479 | 4.37 | G |
| β | 7488 | 4.45 | K |
| γ | 7635 | 3.71 | K 5 |
| δ | 7536 | 3.78 | Map |
| ε | 7463 | 5.67 | K |
| ζ | 7546 | 4.95 | A |
| η | 7679 | 5.26 | K |
| θ | 7705 | 6.32 | F |
| S | 7609 | var. | G |
| U | 7326 | var. | A |
| **Sagittarius.** | | | |
| α | 7348 | 4.11 | B 8 |
| $\beta^1$ | 7337 | 4.24 | B 8 |
| $\beta^2$ | 7343 | 4.51 | F |
| γ | 6746 | 3.07 | K |
| δ | 6859 | 2.84 | K |
| ε | 6879 | 1.95 | A |
| ζ | 7194 | 2.71 | A 2 |
| η | 6832 | 3.16 | Mb |
| $\theta^1$ | 7623 | 4.39 | B 3 |
| $\theta^2$ | 7624 | 5.34 | A 3 |
| ι | 7581 | 4.21 | K |
| $\kappa^1$ | 7779 | 5.64 | A |
| $\kappa^2$ | 7787 | 5.68 | A 3 |
| λ | 6913 | 2.94 | K |
| μ | 6812 | 4.01 | B 8 p |
| $\nu^1$ | 7116 | 4.96 | G 5 |
| $\nu^2$ | 7120 | 5.04 | K |
| $\xi^1$ | 7145 | 5.06 | A |
| $\xi^2$ | 7150 | 3.61 | K |
| ο | 7217 | 3.90 | K |
| π | 7264 | 3.02 | F 2 |
| $\rho^1$ | 7340 | 3.95 | F |
| $\rho^2$ | 7344 | 6.02 | K |
| σ | 7121 | 2.14 | B 3 |
| τ | 7234 | 3.42 | K |
| υ | 7342 | 4.58 | B 8 p |
| φ | 7039 | 3.30 | B 8 |
| $\chi^1$ | 7362 | 5.01 | A 5 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Sagittarius (con.)** | | | |
| $\chi^3$ | 7363 | 5.56 | K |
| $\psi$ | 7292 | 4.93 | F 5 |
| $\omega$ | 7597 | 4.81 | G 5 |
| A | 7618 | 4.95 | G 5 |
| b | 7604 | 4.62 | K 2 |
| c | 7650 | 4.60 | Mb |
| d | 7304 | 5.03 | K 5 |
| $e^1$ | 7476 | 5.45 | K |
| $e^2$ | 7489 | 5.10 | A |
| f | 7515 | 5.06 | K |
| g | 7614 | 5.05 | A |
| $h^1$ | 7431 | 5.68 | A 3 |
| $h^2$ | 7440 | 4.66 | B 9 |
| U | 6947 | var. | F 5 |
| W | 6742 | var. | F 5 |
| X | 6616 | var. | F 8 |
| Y | 6863 | var. | G |
| RS | 6833 | var. | A |
| RY | 7296 | var. | Pec. |
| **Scorpius.** | | | |
| $\alpha$ | 6134 | 1.22 | Map |
| $\beta$ | 5984 | 2.90 | B 1 |
| | 5985 | 5.06 | |
| $\gamma$ | 5603 | R | Mb |
| $\delta$ | 5953 | 2.54 | B |
| $\varepsilon$ | 6241 | 2.36 | K |
| $\zeta^1$ | 6262 | 4.88 | B 1 p |
| $\zeta^2$ | 6271 | 3.75 | K 5 |
| $\eta$ | 6380 | 3.44 | F 2 |
| $\theta$ | 6553 | 2.04 | F |
| $\iota^1$ | 6615 | 3.14 | F 5 p |
| $\iota^2$ | 6631 | 4.88 | A 2 p |
| $\kappa$ | 6580 | 2.51 | B 2 |
| $\lambda$ | 6527 | 1.71 | B 2 |
| $\mu^1$ | 6247 | 3.09 | B 3 p |
| $\mu^2$ | 6252 | 3.64 | B 2 |
| $\nu$ | 6026 | 6.49 | B 3 |
| | 6027 | 4.29 | |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Scorpius (con.)** | | | |
| $\xi$ | 5977 | 5.07 | F 8 |
| | 5978 | 4.77 | |
| $o$ | 6081 | 4.76 | A 3 |
| $\pi$ | 5944 | 3.00 | B 2 p |
| $\rho$ | 5928 | 4.02 | B 3 |
| $\sigma$ | 6084 | 3.08 | B 1 |
| $\tau$ | 6165 | 2.91 | B |
| $\upsilon$ | 6508 | 2.80 | B 3 |
| $\chi$ | 6048 | 5.50 | G 5 |
| $\psi$ | 6031 | 4.91 | A 2 |
| $\omega^1$ | 5993 | 4.13 | B 2 |
| $\omega^2$ | 5997 | 4.58 | G |
| A | 5904 | 4.66 | B 3 |
| b | 5885 | 4.77 | B 3 |
| $c^1$ | 6029 | 5.70 | K |
| $c^2$ | 6028 | 4.70 | B 3 |
| d | 6070 | 4.87 | A |
| i | 6141 | 4.87 | B 3 |
| k | 6334 | 4.87 | B 1 p |
| G | 6630 | 3.25 | K 2 |
| H | 6166 | 4.30 | Ma |
| N | 6143 | 4.33 | B 3 |
| Q | 6546 | 4.34 | K |
| **Sculptor.** | | | |
| $\alpha$ | 280 | 4.39 | B 5 |
| $\beta$ | 8937 | 4.46 | B 9 |
| $\gamma$ | 8863 | 4.51 | K |
| $\delta$ | 9016 | 4.64 | A |
| $\varepsilon$ | 514 | 5.39 | A |
| $\zeta$ | 9091 | 4.99 | B 5 |
| $\eta$ | 105 | 4.96 | Mb |
| $\theta$ | 35 | 5.19 | F 5 p |
| $\iota$ | 84 | 5.35 | G 5 |
| $\kappa^1$ | 24 | 5.46 | F 2 |
| $\kappa^2$ | 34 | 5.56 | K |
| $\lambda^1$ | 185 | 6.07 | A |
| $\lambda^2$ | 195 | 5.97 | K 5 |
| $\mu$ | 8975 | 5.33 | K |
| $\xi$ | 288 | 5.57 | K |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Sculptor (con.)** | | | |
| $\pi$ | 497 | 5.28 | K |
| $\sigma$ | 293 | 5.52 | A |
| $\tau$ | 462 | 5.68 | A 8 |
| R | 423 | var. | N |
| Z | 170 | var. | F 2 |
| **Scutum.** | | | |
| $\alpha$ | 6973 | 4.06 | K |
| $\beta$ | 7063 | 4.47 | G |
| $\gamma$ | 6930 | 4.73 | A 3 |
| $\delta$ | 7020 | 4.74 | F |
| $\varepsilon$ | 7032 | 5.09 | G |
| $\zeta$ | 6884 | 4.83 | G 5 |
| $\eta$ | 7149 | 5.04 | K |
| R | 7066 | var. | G 5 |
| S | 7089 | var. | N |
| **Serpens.** | | | |
| $\alpha$ | 5854 | 2.75 | K |
| $\beta$ | 5867 | 3.74 | A 2 |
| $\gamma$ | 5933 | 3.86 | F 8 |
| $\delta$ | 5788 | 5.16 | A 5 |
| | 5789 | 4.23 | |
| $\varepsilon$ | 5892 | 3.75 | A |
| $\zeta$ | 6710 | 4.60 | F |
| $\eta$ | 6869 | 3.42 | K |
| $\theta$ | 7141 | 4.50 | A 5 |
| | 7142 | 5.18 | A 5 |
| $\iota$ | 5842 | 4.49 | A 2 |
| $\kappa$ | 5879 | 4.28 | K 5 |
| $\lambda$ | 5868 | 4.42 | G |
| $\mu$ | 5881 | 3.63 | A |
| $\nu$ | 6446 | 4.35 | A |
| $\xi$ | 6561 | 3.64 | A 5 |
| $o$ | 6581 | 4.39 | A 2 |
| $\pi$ | 5972 | 4.82 | A 2 |
| $\rho$ | 5899 | 4.88 | K |
| $\sigma$ | 6093 | 4.80 | F |
| $\tau^1$ | 5739 | 5.46 | Ma |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Serpens (con.)** | | | |
| $\tau^2$ | 5770 | 6.14 | A |
| $\tau^3$ | 5795 | 6.06 | K |
| $\tau^5$ | 5804 | 5.88 | F |
| $\tau^6$ | 5840 | 5.97 | K |
| $\tau^7$ | 5845 | 5.80 | A 3 |
| $\tau^8$ | 5858 | 5.89 | A |
| $\upsilon$ | 5870 | 5.72 | A |
| $\phi$ | 5940 | 5.66 | K 5 |
| $\chi$ | 5843 | 5.26 | B 9 |
| $\psi$ | 5853 | 5.80 | K |
| $\omega$ | 5888 | 5.33 | K |
| $A^1$ | 5772 | 5.76 | K |
| $A^2$ | 5863 | 5.37 | B 8 |
| b | 5895 | 5.16 | A 2 |
| c | 6935 | 5.44 | G 5 |
| d | 6918 | 5.33 | Ap |
| e | 6993 | 5.80 | A |
| R | 5894 | var. | Md |
| **Sextans.** | | | |
| $\gamma$ | 3909 | 5.16 | A 2 |
| $\delta$ | 4116 | 5.24 | B 9 |
| $\varepsilon$ | 4042 | 5.40 | A |
| **Taurus.** | | | |
| $\alpha$ | 1457 | 1.06 | K 5 |
| $\beta$ | 1791 | 1.78 | B 8 |
| $\gamma$ | 1346 | 3.86 | G |
| $\delta$ | 1373 | 3.93 | K |
| $\varepsilon$ | 1409 | 3.63 | K |
| $\zeta$ | 1910 | 3.00 | B 3 |
| $\eta$ | 1165 | 2.96 | B 5 |
| $\theta^1$ | 1411 | 4.04 | K |
| $\theta^2$ | 1412 | 3.62 | A 5 |
| $\iota$ | 1620 | 4.70 | A 5 |
| $\kappa$ | 1387 | 4.36 | A 3 |
| $\lambda$ | 1239 | var. | B 3 |
| $\mu$ | 1320 | 4.32 | B 5 |

37/

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Taurus (con.)** | | | |
| ν | 1251 | 3.94 | A |
| ξ | 1038 | 3.75 | B 8 |
| ο | 1030 | 3.80 | G 5 |
| π | 1396 | 4.94 | G 5 |
| ρ | 1444 | 4.75 | A 5 |
| $\sigma^1$ | 1478 | 5.15 | A |
| $\sigma^2$ | 1479 | 4.85 | A |
| τ | 1497 | 4.33 | A |
| υ | 1392 | 4.40 | A 5 |
| φ | 1348 | 5.06 | K |
| χ | 1369 | 5.38 | B 9 |
| ψ | 1269 | 5.29 | F |
| ω | 1329 | 4.80 | A 5 |
| $A^1$ | 1256 | 4.50 | K |
| $A^2$ | 1262 | 5.96 | G 5 |
| b | 1414 | 5.12 | A 5 |
| c | 1473 | 4.30 | A 5 |
| d | 1458 | 4.38 | A 2 |
| e | 1174 | 5.03 | B 3 |
| f | 1066 | 4.28 | K |
| g | 958 | 5.84 | F 8 |
| h | 1351 | 5.59 | A |
| i | 1547 | 5.12 | A 5 |
| k | 1590 | 5.65 | A |
| l | 1658 | 5.29 | A 3 |
| m | 1656 | 5.04 | G |
| n | 1739 | 5.14 | K |
| o | 1810 | 4.83 | B 3 |
| p | 1287 | 5.55 | F |
| q | 1145 | 4.37 | B 5 |
| r | 1381 | 5.06 | A |
| s | 1061 | 5.12 | A |
| t | 1079 | 5.64 | A |
| u | 1153 | 5.36 | B 3 |
| Y | 1977 | var. | N |
| **Telescopium.** | | | |
| α | 6897 | 3.76 | B 3 |
| $\delta^1$ | 6934 | 5.05 | B 8 |
| $\delta^2$ | 6938 | 5.33 | B 5 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Telescopium (con.)** | | | |
| ε | 6783 | 4.60 | K |
| ζ | 6905 | 4.14 | K |
| η | 7329 | 5.16 | A |
| ι | 7424 | 5.02 | K |
| κ | 7087 | 5.27 | K |
| λ | 7134 | 5.03 | B 9 |
| ν | 7510 | 5.52 | A 5 |
| ξ | 7673 | 4.86 | Ma |
| ρ | 7213 | 5.18 | F 5 |
| **Triangulum.** | | | |
| α | 544 | 3.58 | F 5 |
| β | 622 | 3.08 | A 5 |
| γ | 664 | 4.07 | A |
| δ | 660 | 5.07 | G |
| ε | 599 | 5.44 | A 2 |
| R | 758 | var. | Md. |
| **Triang. Australe.** | | | |
| α | 6217 | 1.88 | K 2 |
| β | 5897 | 3.04 | F |
| γ | 5671 | 3.06 | A |
| δ | 6030 | 4.03 | G |
| ε | 5771 | 4.11 | K |
| ζ | 6098 | 4.93 | G |
| $\eta^1$ | 6172 | 6.04 | A |
| θ | 6151 | 5.38 | G 5 |
| ι | 6109 | 5.30 | F |
| κ | 5891 | 5.20 | K |
| S | 5939 | var. | G 5 |
| **Tucana.** | | | |
| α | 8502 | 2.91 | K 2 |
| $\beta^1$ | 126 | 4.52 | B 9 |
| $\beta^2$ | 127 | 4.48 | A 2 |
| γ | 8848 | 4.10 | F 2 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Tucana (con.)** | | | |
| δ | 8540 | 4.80 | B 9 |
| ε | 9076 | 4.71 | B 9 |
| ζ | 77 | 4.34 | F 8 |
| η | 9062 | 5.16 | A 2 |
| θ | 139 | 6.10 | A 5 |
| ι | 332 | 5.32 | K |
| κ | 377 | 4.96 | F 8 |
| $\lambda^1$ | 252 | 6.59 | F 5 |
| $\lambda^2$ | 270 | 5.34 | G 5 |
| ν | 8582 | 4.92 | Mb |
| ξ | 95 | R | R |
| π | 83 | 5.42 | B 8 |
| ρ | 187 | 5.46 | F 5 |
| **Ursa Major.** | | | |
| α | 4301 | 1.95 | K |
| β | 4295 | 2.44 | A |
| γ | 4554 | 2.54 | A |
| δ | 4660 | 3.44 | A 2 |
| ε | 4905 | 1.68 | Ap |
| ζ | 5054 | 2.40 | Ap |
| | 5055 | 3.96 | A 2 |
| η | 5191 | 1.91 | B 3 |
| θ | 3775 | 3.26 | F 8 |
| ι | 3569 | 3.12 | A 5 |
| κ | 3594 | 3.68 | A |
| λ | 4033 | 3.52 | A |
| μ | 4069 | 3.21 | K 5 |
| ν | 4377 | 3.71 | K |
| ξ | 4374 | 4.87 | G |
| | 4375 | 4.41 | |
| ο | 3323 | 3.47 | G |
| $\pi^1$ | 3391 | 5.69 | G 5 |
| $\pi^2$ | 3403 | 4.76 | K |
| ρ | 3576 | 4.99 | Ma |
| $\sigma^1$ | 3609 | 5.33 | K 5 |
| $\sigma^2$ | 3616 | 4.87 | F 8 |
| τ | 3624 | 4.74 | F 8 p |
| υ | 3888 | 3.89 | F |
| φ | 3894 | 4.54 | A 2 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Ursa Major (con.)** | | | |
| χ | 4518 | 3.85 | K |
| ψ | 4335 | 3.15 | K |
| ω | 4248 | 4.84 | A |
| A | 3354 | 5.39 | A |
| b | 3505 | 5.72 | A |
| c | 3648 | 5.23 | F |
| d | 3771 | 4.57 | G |
| e | 3662 | 4.89 | A 5 |
| f | 3619 | 4.54 | A 3 p |
| g | 5062 | 4.02 | A 5 |
| h | 3757 | 3.75 | F |
| T | 4800 | var. | Md |
| U | 4008 | 6.35 | K |
| **Ursa Minor.** | | | |
| α | 424 | 2.12 | F 8 |
| β | 5563 | 2.24 | K 5 |
| γ | 5735 | 3.14 | A 2 |
| δ | 6789 | 4.44 | A |
| ε | 6322 | 4.40 | G 5 |
| ζ | 5903 | 4.34 | A 2 |
| η | 6116 | 5.04 | F |
| θ | 5826 | 5.33 | K 5 |
| λ | 7394 | 6.55 | Ma |
| **Vela.** | | | |
| γ | 3207 | 2.22 | Oap |
| δ | 3485 | 2.01 | A |
| κ | 3734 | 2.63 | B 3 |
| λ | 3634 | 2.22 | K 5 |
| μ | 4216 | 2.84 | G 5 |
| σ | 3447 | 3.68 | B 3 |
| φ | 3940 | 3.70 | B 5 |
| ψ | 3786 | 3.64 | F 5 |
| A | 3358 | 5.52 | B 5 |
| a | 3487 | 4.09 | A |
| b | 3445 | 4.07 | F 5 p |
| c | 3614 | 3.69 | K |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....1P



| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Vela (con.)** | | | |
| d | 3477 | 4.12 | G 5 |
| e | 3426 | 4.13 | A 5 |
| f | 3527 | 4.89 | B |
| g | 3520 | 5.02 | A 2 |
| i | 4293 | 4.56 | A 2 |
| k | 3684 | 4.70 | F 5 |
| l | 3682 | 4.98 | K |
| m | 3912 | 4.56 | G 5 |
| n | 3452 | 4.85 | A 3 |
| p | 4167 | 4.06 | F 2 |
| q | 4023 | 4.09 | A 2 |
| r | 4080 | 4.99 | K 5 |
| s | 4136 | 6.53 | A |
| t | 4143 | 5.11 | K |
| u | 3898 | 5.26 | A |
| w | 3591 | 4.42 | F 8 |
| x | 4180 | 4.37 | G |
| y | 3842 | 5.50 | G |
| z | 3674 | 5.15 | B 3 |
| B | 3294 | 4.90 | B 2 |
| C | 3407 | 4.87 | K |
| D | 3476 | 5.19 | A |
| F | 3350 | 5.12 | A 8 |
| H | 3574 | 4.77 | B 5 |
| I | 3753 | 5.22 | A |
| J | 4074 | 4.65 | B 5 p |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Vela (con.)** | | | |
| K | 3703 | 5.34 | A |
| L | 3819 | 5.16 | B 8 |
| M | 3836 | 4.49 | A 5 |
| N | 3803 | 3.04 | K 5 |
| O | 3875 | 5.71 | A |
| Q | 3990 | 5.10 | B 3 |
| R | 3978 | 6.76 | K p |
| **Virgo.** | | | |
| α | 5056 | 1.21 | B 2 |
| β | 4540 | 3.80 | F 8 |
| γ | 4825 | 3.65 | F |
| | 4826 | 3.68 | |
| δ | 4910 | 3.66 | Ma |
| ε | 4932 | 2.95 | K |
| ζ | 5107 | 3.44 | A 2 |
| η | 4689 | 4.00 | A |
| θ | 4963 | 4.44 | A |
| ι | 5338 | 4.16 | F 5 |
| κ | 5315 | 4.31 | K |
| λ | 5359 | 4.60 | A 2 |
| μ | 5487 | 3.95 | F 5 |
| ν | 4517 | 4.20 | Ma |
| ξ | 4515 | 5.06 | A 3 |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Virgo (con.)** | | | |
| o | 4608 | 4.24 | G 5 |
| π | 4589 | 4.57 | A 3 |
| ρ | 4828 | 4.95 | A |
| σ | 5015 | 5.01 | Ma |
| τ | 5264 | 4.34 | A 2 |
| υ | 5366 | 5.24 | K |
| φ | 5409 | 4.97 | K |
| χ | 4813 | 4.78 | K |
| ψ | 4902 | 4.91 | Mb |
| ω | 4483 | 5.47 | Mb |
| $A^1$ | 4528 | 5.22 | A |
| $A^2$ | 4559 | 5.62 | G |
| b | 4585 | 5.24 | A |
| c | 4695 | 5.10 | K |
| $d^1$ | 4829 | 5.49 | A |
| $d^2$ | 4847 | 5.24 | A |
| e | 5011 | 5.22 | F |
| f | 4799 | 5.90 | A |
| g | 4957 | 5.70 | G 2 |
| h | 5100 | 5.43 | G |
| i | 5064 | 5.59 | Kp |
| k | 4921 | 5.87 | A |
| l | 5095 | 4.83 | Mb |
| m | 5150 | 5.16 | Ma |
| o | 5105 | 4.93 | Ap |
| p | 5232 | 5.30 | K |

| Let. | H. R. | Magn. | Spect. |
|---|---|---|---|
| **Virgo (con.)** | | | |
| q | 4781 | 5.41 | A |
| R | 4808 | var. | Md |
| S | 5101 | var. | Md |
| **Volans.** | | | |
| α | 3615 | 4.18 | A 5 |
| β | 3347 | 3.65 | K |
| $\gamma^1$ | 2735 | 5.81 | G |
| $\gamma^2$ | 2736 | 3.87 | K |
| δ | 2803 | 4.02 | F 5 |
| ε | 3223 | 4.46 | B 5 |
| ζ | 3024 | 3.89 | K |
| η | 3334 | 5.40 | A |
| θ | 3460 | 5.26 | A |
| ι | 2602 | 5.52 | B 8 |
| $\kappa^1$ | 3301 | 5.44 | B 9 |
| $\kappa^2$ | 3302 | 5.72 | A |
| **Vulpecula.** | | | |
| T | 7988 | var. | F |
| U | 7458 | var. | K 5 |

The letter R refers to the Remarks beginning on p. 200. On page 23, 9 observations of H. R. 286, in H. A. 14, 397, giving the magnitude 6.52, are omitted. On page 85, the declination of H. R. 3400 should be +53° 45′, not +45° 53′. On page 207, the parallax of H. R. 2943 should be 0″.30, not 0″.03. In Table V, the residuals in the fourth column for H. R. 9, 1258–9, 1771, 2909–10, and 5984–5, should be *1*, *2*, 6, 11, and 2, respectively. The magnitudes and residuals of 6401–2 relate to the combined light. For 6822 and 6823, the magnitudes in the second and third columns should be interchanged, since the brighter star precedes.

Dr. H. N. Russell, from a discussion of his own and other observations, has derived the following parallaxes: — H. R. 21, β Cassiopeiae, 0″.12; H. R. 70,

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1908AnHar..50....



26 Andromedae, insensible; H. R. 219, $\eta$ Cassiopeiae, 0″.19; H. R. 921, $\rho$ Persei, 0″.09; H. R. 936, $\beta$ Persei, 0″.05; H. R. 4098, Groombridge 1646, 0″.08; H. R. 4414, 83 Leonis, 0″.03; H. R. 4550, Groombridge 1830, 0″.14; H. R. 4825–6, $\gamma$ Virginis, 0″.07; H. R. 7293–4, 6 Cygni, 0″.05; H. R. 8085–6, 61 Cygni, 0″.31. These results depend on 41 determinations by different observers, 11 relating to 61 Cygni. Seven stars depend on 3 or more determinations, and give a probable error of one determination, $\pm$ 0″.029.

Remarks like those on page 200, giving additional information regarding individual stars, will be found in H. A. **14**, 287, 337, 411; **23**, 102, 156, 222; **24**, 191, 245; **34**, 201, 254; **44**, 105; **45**, 309; **46**, 53, 85, 90.

END OF VOLUME L.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System