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# THE HENRY DRAPER CATALOGUE

## $17^h$ AND $18^h$

BY

ANNIE J. CANNON
CURATOR OF ASTRONOMICAL PHOTOGRAPHS

AND

EDWARD C. PICKERING
LATE DIRECTOR OF THE OBSERVATORY

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# PREFACE

GENERAL views of the Harvard stations in Cambridge and in Arequipa, where the photographs were taken for the Henry Draper Catalogue, are shown as the Frontispiece of this, the seventh volume. The 11-inch Draper Telescope was generally used for stars brighter than the fifth photometric magnitude north of declination $-20°$, and the 13-inch Boyden Telescope for stars of similar brightness south of $-20°$. For fainter stars, the 8-inch Draper and 8-inch Bache Telescopes were used for the northern and southern sky, respectively. The 16-inch Metcalf Telescope was employed for the faint stars in the Harvard Standard Regions and in a few special regions. The focal lengths and scales of the telescopes are as follows:

| | Focal Length | Scale |
|---|---|---|
| 16-inch Metcalf | 82 inches | 98″.2 = 1 mm. |
| 13-inch Boyden | 192 " | 42 .4 = " |
| 11-inch Draper | 153 " | 52 .6 = " |
| 8-inch Draper | 50 " | 163 = " |
| 8-inch Bache | 45 " | 179 = " |

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HARLOW SHAPLEY
*Director of the Observatory of Harvard College*

CAMBRIDGE, MASSACHUSETTS
*February 15, 1922*



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# THE HENRY DRAPER CATALOGUE.

THE Henry Draper Catalogue originated in the attempt to collect in a single catalogue a description of all the stellar spectra which could be classified on the photographs of the Henry Draper Memorial. It was shown in May, 1885, that by placing a prism in front of the objective of a photographic telescope, excellent spectra could be obtained of all the stars of sufficient brightness in the field of the instrument. The immediate effect was that the photographic image of each star, instead of appearing as a point, was spread into a line, the rays of different wave lengths being diverted by the prism to different points upon the plate. These lines were then broadened into bands by giving a rate to the driving clock differing slightly from sidereal time. The principal lines in the spectra appear in these bands. The advantages of this method are, first, that the spectra of several hundred stars can be obtained on a single photograph, while with a slit spectroscope only one star can be photographed at a time. Secondly, the loss of light is so small that, even if stars are faint, satisfactory spectra can be obtained. Thirdly, the spectra can be identified with certainty, since they occupy the same relative positions on the photographs as stars on a chart plate, or map.

The classification of the spectra required for the Henry Draper Catalogue was begun by Miss Annie J. Cannon on October 2, 1911, and practically completed September 30, 1915. Some additional spectra were taken from later plates, where faint stars had not been classified previously. The total number of spectra classified is 242,093, relating to about 222,000 stars. The greater portion of the northern stars were classified from 709 plates taken with the 8-inch Draper Telescope, mounted at Cambridge. In like manner, 1,409 plates of the southern stars were used, taken with the Bache Telescope, mounted at Arequipa, Peru. Each of these instruments has, for an objective, an 8-inch Voigtländer Portrait Lens, corrected by Alvan Clark and Sons. Two prisms having angles of 13° and 5° were originally used with each instrument. They formed spectra having a dispersion such that for the 8-inch Draper Telescope the intervals between the lines $H\beta$ and $H\epsilon$ were 5.61 and 1.60 mm., respectively.



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The corresponding intervals for the Bache Telescope were 5.80 and 2.23 mm. It appeared that the definition was better with the prism giving the larger dispersion attached to the 8-inch Draper Telescope, and with the prism giving the smaller dispersion attached to the Bache Telescope. For this reason, the spectra of much fainter stars could be classified from the photographs taken in Arequipa, than from those taken in Cambridge. Exceptions were made in the case of southern stars which are too dense on plates of small dispersion, and of northern stars so near together that their spectra are superposed on plates of long dispersion. Some northern stars between 0° and +10° in declination were also classified from plates of short dispersion taken in Arequipa.

In November, 1900, two prisms, having nearly equal angles of about 6°, were attached to the 8-inch Draper Telescope. They were mounted so that they could be rotated by any desired amount, which was measured by means of a graduated circle. When placed in opposite directions they nearly neutralized each other, while, when turned in the same direction, the dispersion was double that of one of the prisms. The angles adopted were such that the dispersions were the same as those previously employed, 5.61 and 1.60 mm.

A number of photographs showing fainter stars were taken with the 16-inch Metcalf Telescope. The regions selected were the centres of the Harvard Standard Regions described in H.A. **14**, 477, and a few others, such as the Pleiades, Praesepe, etc. The distance between the lines H$\beta$ and H$\epsilon$ was here 3.90 mm.

On all of the plates described above, the spectra of the bright stars were dense, so that they could not be classified. Accordingly, spectra taken with a larger dispersion were used. For stars north of declination −20°, from one to four prisms were attached to the 11-inch Draper Telescope. The interval between the lines H$\beta$ and H$\epsilon$ varied from 19.63 to 80.50 mm. These spectra have already been described in H.A. **28**, Part **1**, but as a different system of classification was there employed by Miss Maury, the spectra were again classified by Miss Cannon. This work was extended to stars of the fifth magnitude, and a few that were fainter, by means of H.A. **56**, No. **4**. For the southern stars, brighter than the sixth magnitude, the spectra are taken from H.A. **28**, Part **2**, and H.A. **56**, No. **5**. From one to three prisms were employed, and the interval from H$\beta$ to H$\epsilon$ varied from 21.57 to 72.15 mm.

From August, 1885, to November, 1894, Seed 26+, from December, 1894, to December, 1899, Cramer Crown, from January, 1900, to May, 1911, Seed G. E. 27, and since June, 1911, Hammer Special plates were generally used.

Substantially the same classification has been used in all the publications of the Henry Draper Memorial, except in the case of H.A. **28**, Part **1**. Slight changes have



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been introduced from time to time as experience showed that the classification could be improved. For instance, Class H, used in H.A. 27, has been abandoned, since it has been found that it is identical with Class K, when photographed under favorable conditions. The letters were originally applied empirically, a separate letter for each class of spectrum which appeared to be different. Later, it was found that nearly all the spectra fell into the classes B, A, F, G, K, and M, which thus formed a continuous sequence. Intermediate spectra are indicated by numbers representing tenths of the interval. Thus, A5 represents a spectrum midway between Ao and Fo. The numeral is omitted when a precise classification cannot be made. Class B was found to precede A, but the letters could not be reversed without causing confusion. Class P, designating gaseous nebulae, and Class O, stars of the fifth type, appear to precede Class B. The unanimous adoption of this system by an International Committee appointed by the Solar Union has secured its universal acceptance. The countries represented on this Committee were Canada, England, France, Germany, Holland, and the United States.

The designations of the lines used in describing the spectra, are generally the same as in the previous volumes. An exception is made, however, in the case of the series of lines first found in the spectrum of $\zeta$ Puppis. Professor Pickering showed these lines to be so closely represented by a modification of Balmer's formula, that he assumed them to be due to "hydrogen under conditions of temperature or pressure yet unknown," as stated in H. C. 16, January 12, 1897. The lines were therefore called "additional hydrogen lines," with the specific designations as follows: line 5411, H$\beta'$; 4541.9, H$\gamma'$; 4200.3, H$\delta'$; 4026.0, H$\epsilon'$; 3924.0, H$\zeta'$; 3860.8, H$\eta'$; 3815.7, H$\theta'$; and 3783.4, $\iota'$. Recent investigators, however, find by experiments in the laboratory that these lines are probably due to helium. They are now commonly called $\zeta$ Puppis lines and this designation is accordingly adopted here.

The classification and designation of peculiar spectra present great difficulties. Some spectra are so peculiar that they can not be assigned to any known class, and are marked Pec. in Table I. Others show deviations of various kinds and degrees, and yet resemble the typical spectra in the most essential characteristics. In the latter case, the class which the peculiar spectrum resembles most nearly is given, followed by the letter p. A description of the deviation from the typical spectrum will then be found in the Remarks following Table I. The deviations may occur in several ways, as has already been discussed in H.A. 28, 143. First, in the width of the lines. The difference in the width of the lines, especially whether the lines are diffuse or sharp, was early recognized. On September 8, 1887, the spectra of $\alpha$ Cygni, in which the lines are very sharp, and of $\alpha$ Aquilae, in which they are diffuse, were



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photographed on the same plate, to prove that the difference was due to the star and not to the instrument, or condition of the air. Narrow lines will appear hazy, or even double, if the focus is poor, or the air unsteady, and a slit spectroscope is much to be preferred to an objective prism for determining this condition. Whenever the width of the lines appeared to be abnormal, it is noted in the Remarks. With the larger dispersion in H.A. **28** and **56**, the deviation from the normal in the width of the lines was always noted, when certainly seen. When the lines are broad, the spectra are designated in H.A. **28**, 1, by the letter "b," and in H.A. **28**, 2, by Remark 18, when narrow, by the letter "c" and Remark 40, respectively. For convenience of reference, a list of bright stars in whose spectra the lines are narrow, was given in H.A. **56**, 162.

Secondly, deviations may occur in the intensity of certain lines in stellar spectra. Numerous spectra in Classes Ao to A5, show the double silicon line, 4128.1, 4131.1 to be of increased intensity, and in other spectra the strontium lines 4077.9, 4215.7 are very strong. Lists of a few of these peculiar spectra are given in H.A. **56**, 113, 161. The great intensity of these strontium lines in spectra of various classes, such as $\theta^1$ Microscopii of Class A2, $\xi$ Phoenicis of Class Fo, and $\zeta$ Capricorni of Class G5, is of interest in connection with the relation of these lines to the absolute brightness of the stars, and to the possibility of distinguishing between the so-called "giants" and "dwarfs." Numerous other lines, including those of hydrogen, have also been found to be of abnormal intensity in certain spectra. In the case of C.DM. $-27°$ 178, R. A. $0^h\ 31^m.7$, Dec. $-27°\ 50'$, the continuous spectrum is of Class G5, but the hydrogen lines are as strong as in Class F5. In some spectra of Class K5, or Ma, such as B.D. $+50°$ 1725, R. A. $10^h\ 5^m.3$, Dec. $+49°\ 58'$, and C.DM. $-39°$ 14192, R. A. $21^h\ 11^m.5$, Dec. $-39°\ 15'$, several lines, including 4435 and 4455, are abnormally intense.

A third peculiarity in stellar spectra is the presence of bright, or emission, lines. At least 750 spectra are known to have bright lines. The gaseous nebulae, Class P, the Fifth Type, Class O, the P Cygni Type, and the Novae are discussed in H.A. **76**, No. 3. The presence of bright lines in spectra of Class M, characteristic of long period variables, is indicated by the combination, Md. No symbol has ever been adopted to show the presence of bright lines in spectra of Class B, although the use of a suffix, such as "$\beta$" or "h," has been suggested. It seemed best, however, to continue to designate these spectra by placing the letter "p" after the class, until some definite action should be taken by the Committee on Stellar Classification. These spectra may easily be found by means of the Remarks following Table I.

The other two deviations consist in a periodic doubling of the lines in the spectrum, also indicated by the letter "p," and in the existence of the lines of two



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classes of spectra completely superposed, designated composite spectra. A large part of the bright stars having composite spectra are known to be double, either visually or spectroscopically. It is assumed that this is always the case, and two lines are accordingly given to such stars.

Miss Cannon has described the classification in full in H.A. **28**, 146, and more concisely in H.A. **56**, 66. A classification of the gaseous nebulae is given in H.A. **76**, 20. For convenience, the classification as used in the present volume is again given below.

Class Pa. Typical nebula, I.C. 418, R. A. $5^h\ 22^m.8$, Dec. $-12°\ 46'$. The double line, 3726, 3729, is more conspicuous than the chief nebular lines, 5007.0 and 4959.0. The hydrogen lines H$\alpha$, H$\beta$, H$\gamma$, H$\delta$, H$\epsilon$, and H$\zeta$ are bright.

Class Pb. Typical nebula, The Great Nebula of Orion. Lines 5007.0 and 4959.0 are more intense than in Class Pa.

Class Pc. Typical nebula, I.C. 4997, R. A. $20^h\ 15^m.6$, Dec. $+16°\ 25'$. Line 4363.4 is the most conspicuous. Novae usually show this line much stronger than 5007.0 when they first become nebulae.

Class Pd. Typical nebulae, N.G.C. 6826, R. A. $19^h\ 42^m.1$, Dec. $+50°\ 17'$, and N.G.C. 6326, R. A. $17^h\ 12^m.9$, Dec. $-51°\ 40'$. The chief nebular line, 5007.0, is the strongest line. The greater number of the gaseous nebulae belong to this and the following class.

Class Pe. Typical nebulae, N.G.C. 7662, R. A. $23^h\ 21^m.1$, $+41°\ 59'$, and N.G.C. 7009, R. A. $20^h\ 58^m.7$, Dec. $-11°\ 46'$. This class differs from Class Pd in having line 4685.9 present.

Class Pf. Typical nebula, N.G.C. 40, R. A. $0^h\ 7^m.6$, Dec. $+71°\ 32'$. A bright band whose centre is at 4650 is the most conspicuous portion of this spectrum and appears to ally it with spectra of Class O.

Class Oa. Typical stars, B.D. $+35°\ 4013$, R. A. $20^h\ 8^m.2$, Dec. $+35°\ 54'$, and C.P.D. $-60°\ 2578$, R. A. $11^h\ 5^m.8$, Dec. $-60°\ 26'$. A broad, bright band, whose centre is at 4650, is the most conspicuous portion of these spectra. H$\gamma$ and H$\delta$ are bright, and several other bright bands are seen.

Class Ob. Typical stars, B.D. $+35°\ 4001$, R. A. $20^h\ 6^m.5$, Dec. $+35°\ 53'$, and C.DM. $-23°\ 4553$, R. A. $6^h\ 50^m.0$, Dec. $-23°\ 48'$. A wide, bright band, whose centre is at the wave length 4686, is the most characteristic feature of these spectra. The hydrogen lines H$\beta$, H$\gamma$, and H$\delta$ are bright, and also those of the $\zeta$ Puppis series.

Class Oc. Typical stars, B.D. $+36°\ 3987$, R. A. $20^h\ 13^m.3$, Dec. $+37°\ 7'$ and C.DM. $-41°\ 10972$, R. A. $16^h\ 45^m.3$, Dec. $-41°\ 41'$. The bands are narrower than in



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Classes Oa and Ob, and two well separated lines are seen at 4686 and 4638, the former being twice as bright as the latter. The hydrogen lines are bright, and also the lines of the $\zeta$ Puppis series. No dark lines are seen.

Class Od. Typical stars, $\zeta$ Puppis and $\lambda$ Cephei. All lines are dark except 4686 and 4638, which are bright. Seven dark lines of the $\zeta$ Puppis series have been photographed. The helium line, 4471.6, is present but very faint in $\zeta$ Puppis. Several faint, dark lines between H$\beta$ and H$\gamma$ are seen in the spectrum of $\lambda$ Cephei, but not in that of $\zeta$ Puppis.

Class Oe. Typical star, 29 Canis Majoris, R. A. $7^h\ 14^m.5$, Dec. $-24°\ 23'$. The spectrum resembles that of $\zeta$ Puppis in having all lines dark except 4686 and 4638. Numerous helium and other dark lines are present. Line 4097.5, sometimes attributed to silicon, and the silicon line, 4089.0 are at their maximum intensity.

Class Oe5. Typical star, $\tau$ Canis Majoris, R. A. $7^h\ 14^m.5$, Dec. $-24°\ 47'$. All the lines are dark. This spectrum is clearly intermediate between those of Classes Oe and Bo. It resembles those of Class Oe in the presence and intensity of the $\zeta$ Puppis series, and those of Class Bo with respect to the helium lines. No bright bands are seen, but the strong dark lines 4649.3 and 4685.9 are present.

Class Bo. Typical star, $\epsilon$ Orionis. The hydrogen lines are 0.3 as intense as in the spectrum of $\alpha$ Canis Majoris. The $\zeta$ Puppis series is present, but much fainter than in Class Oe5. Oxygen lines are strong. Line 4649.3 is slightly more intense than the helium lines 4026.3 and 4471.6, which are equally strong. The triplet, 4070.0, 4072.5, and 4076.1, is well marked. Lines 4649.3, 4116.3 and 4089.0, reach their greatest intensity in this class and decrease very rapidly in succeeding classes of spectra.

Class B1. Typical stars, $\beta$ Canis Majoris and $\beta$ Centauri. The hydrogen lines are seen from H$\beta$ to H$\tau$. The $\zeta$ Puppis series is not distinctly seen. The lines of helium are more intense while the silicon and oxygen lines are fainter than in Class Bo. Line 4471.6 exceeds 4649.3, while 4121.0 exceeds 4116.3, in intensity.

Class B2. Typical stars, $\gamma$ Orionis and $\alpha$ Lupi. The lines of helium are at their maximum intensity in this and the following class. Line 4116.3 is not seen, and lines 4089.0 and 4649.3 are faint.

Class B3. Typical stars, $\pi^4$ Orionis and $\alpha$ Pavonis. The hydrogen lines are about 0.5 as intense as in $\alpha$ Canis Majoris. The helium lines, while not stronger than in Class B2, are more prominent, due to the disappearance or extreme faintness of the lines, 4070.0, 4072.5, 4076.1, 4089.0, 4116.3 and 4649.3. Helium lines having the greatest intensities are 3819.8, 4009.4, 4026.3, 4143.9, 4388.1, 4471.6, and 4922.1.



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Class B5. Typical stars, q Tauri and $\phi$ Velorum. These spectra show an advance towards Class Ao in the increased intensity of the calcium line, K, and of the double silicon line 4128.1, 4131.1, which is stronger than the helium line 4121.0, and fainter than 4143.9. Line 4481.3 is 0.7 as intense as 4471.6.

Class B8. Typical stars, $\beta$ Persei and $\gamma$ Gruis. The helium lines 4026.3 and 4471.6 are present, together with several lines prominent in the spectra of Class Ao. Lines 4471.6 and 4481.3 are approximately equal. Line K is less intense than 4026.3.

Class B9. Typical stars, $\lambda$ Aquilae and $\lambda$ Centauri. The spectrum is nearly like that of Class Ao, except that 4026.3 is seen and the line K is somewhat fainter than in Class Ao.

Class Ao. Typical star, $\alpha$ Canis Majoris. The hydrogen lines are at their maximum intensity, and line K is 0.1 as intense as H$\delta$, or less. On plates having sufficient dispersion, the calcium line H, at 3968.6, is separated from H$\epsilon$, 3970.3, and is nearly as intense as line K. Line 4481.3 is the strongest except the hydrogen lines and line K. On a photograph taken with the 13-inch Boyden Telescope, with the dispersion of three prisms, 93 solar lines were measured.

Class A2. Typical stars, $\delta$ Ursae Majoris and $\iota$ Centauri. The line K is 0.3 or 0.5 as intense as H$\delta$. Solar lines are well marked, especially lines 4481.3, 4226.9, and 4233.8. The two latter form a nearly equal pair. No helium lines are seen in this, or any following class.

Class A3. Typical stars, $\alpha$ Piscis Austrini, and $\tau^3$ Eridani. The line K is more than 0.5 as intense as the compound line H and H$\epsilon$, and is 0.8 as intense as H$\delta$. The metallic lines are more numerous and more intense than in Class A2, while the hydrogen lines are slightly fainter.

Class A5. Typical stars, $\beta$ Trianguli and $\alpha$ Pictoris. The line K is 0.9 as intense as the compound line H and H$\epsilon$, and more intense than H$\delta$. Line 4481.3 is no longer the most conspicuous among the solar lines. Lines 4299.4, 4300.7, and 4302.7 are well marked.

Class Fo. Typical stars, $\delta$ Geminorum and $\alpha$ Carinae. The lines of hydrogen are about 0.5 as intense as in $\alpha$ Canis Majoris. The line K is as strong as the compound line H and H$\epsilon$, and about 3.0 as intense as H$\delta$. The lines 4305.6, 4308.0, and 4309.5 and other lines which form the absorption band called G by Fraunhofer, are faint and inconspicuous.

Class F2. Typical star, $\pi$ Sagittarii. This spectrum resembles Class Fo, except that there is more appearance of continuity in the band G, due to increased strength of lines 4305.6 to 4315.2.



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Class F5. Typical stars, $\alpha$ Canis Minoris and $\rho$ Puppis. The hydrogen lines are 2.0 as intense as in the Sun, and metallic lines are fainter and less numerous. Line 4325.9 is about 0.1 as strong as H$\gamma$. On plates with small dispersion, the Fraunhofer band G appears to be nearly continuous from 4299.4 to 4315.2. The compound line 4308.0 and 4309.5 is more intense than 4315.2. Line 4226.9 is well marked among the numerous lines, but is not 0.5 as strong as H$\gamma$.

Class F8. Typical stars, $\beta$ Virginis and $\alpha$ Fornacis. The spectrum resembles that of the Sun, except that the hydrogen lines are stronger, and a few of the metallic lines are fainter.

Class G0. Typical stars, $\alpha$ Aurigae and $\beta$ Hydri. The spectrum closely resembles that of the Sun. The hydrogen lines are no longer conspicuous as a series of lines. H$\gamma$ is 1.5 as intense as 4325.9, and 3.0 as intense as the adjacent line, 4337.7, when the dispersion is sufficient to show the two lines separately. The lines 4076.8 to 4077.9, H$\delta$, and 4226.9 are nearly equal in intensity. The band G is continuous on photographs taken with one or two prisms. The continuous spectrum shows no very marked changes in the distribution of light, from H$\beta$ to H$\epsilon$, although there is a slight gradual decrease from H$\gamma$ to H$\epsilon$. The bands H and K are very conspicuous.

Class G5. Typical stars, $\kappa$ Geminorum and $\alpha$ Reticuli. The hydrogen lines are slightly fainter than in Class G0. H$\gamma$ when combined with 4337.7 is equal to 4325.9; when separated, H$\gamma$ is fainter than 4325.9. Several spaces appear brighter than adjacent portions, and in the distribution of light there is a decided advance towards Class K0.

Class K0. Typical stars, $\alpha$ Bootis and $\alpha$ Phoenicis. The hydrogen lines are fainter than in Class G5 and the light of the continuous spectrum shows a decided decrease from H$\gamma$ to H$\epsilon$. H$\gamma$ is about 0.5 as strong as 4325.9. Line 4226.9 is 3.0 as intense as in Class G0. Bands H and K reach their greatest intensity. Line 4226.9 is 2.0 as intense as the compound line 4172 and nearly 3.0 as intense as lines 4383 to 4385. The band G, extending from 4299 to 4315, is continuous and is more conspicuous than line 4226.9. Several portions appear brighter than adjacent parts, such as from 4077.9 to H$\delta$, 4215.7 to 4226.9, 4470 to 4525, and 4614 to 4648, approximately.

Class K2. Typical stars, $\beta$ Cancri and $\upsilon$ Librae. The spectrum resembles Class K5 in the increased intensities of several lines, as 4226.9, and a general faintness of the continuous portion towards the end of shorter wave length. The band G is still continuous.

Class K5. Typical star, $\alpha$ Tauri. The bands H and K and line 4226.9 are the most conspicuous absorption lines. The band G is no longer continuous, owing to



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the disappearance of several of the fainter lines. The double lines 4383 to 4385 and 4405 to 4408, form a conspicuous pair, of which the one of shorter wave length is somewhat stronger. Faint breaks in the light are seen at the wave lengths 4762, 4954, and 5168, which are the beginning of the absorption bands of Class M. There is also a sudden diminution in light at H$\beta$, which is nearly as well marked as the similar change at 4762.

Class Ma. Typical stars, $\alpha$ Orionis and $\gamma$ Hydri. The spectrum is banded. The bands extending from 4762 to 4954 and from 5168 to 5445 are well marked. The change in light at H$\beta$ is much less conspicuous than at 4762. Several bright spaces are seen, such as from 4556 to 4586, and from 4657 to 4668. The lines of the G band are well separated, and line 4315.2 is very faint. Line 4226.9 is the most conspicuous absorption line. The spectrum is faint towards the end of greater wave length, so that bands H and K are generally barely seen.

Class Mb. Typical stars, $\rho$ Persei and $\gamma$ Crucis. The edges of the absorption bands, at wave lengths 4762, 4954, 5168, and 5445 are strong and appear somewhat like bright bands. These bands fade gradually towards the edge of shorter wave length. Line 4226.9 is very wide and sometimes appears to be as intense as H$\delta$ in the spectrum of $\alpha$ Canis Majoris. Conspicuous bright bands of equal intensity are seen from 4556 to 4586 and from 4614 to 4626. Lines 4299.4, 4300.7, and the compound line 4305.6, 4308.0 and 4309.5 are the only well marked lines remaining of the band G. On isochromatic plates, absorption bands are also seen having edges at the wave lengths 5763, 5816, and 5857, approximately.

Class Mc. Typical stars, W Cygni and RX Aquarii. The continuous spectrum is fainter, and the bright edged bands are stronger, than in Classes Ma and Mb, so that the spectrum appears to be of a fluted character, and on plates of small dispersion many of the dark lines seem to have disappeared.

Class Md. Typical stars, $\chi$ Cygni and $o$ Ceti. This designation is used for spectra of any division of Class M, in which at least one hydrogen line is bright. The greater portion of the variable stars of long period have this class of spectrum. The spectra differ widely. Either H$\beta$, H$\gamma$, or H$\delta$ may be the strongest bright line, while the underlying spectrum may belong to Class Ma, Mb, or Mc. The subject is further complicated by changes in the relative intensity of the hydrogen lines and probably in the class of spectrum, connected with the variation in the light of the star. As an example, the spectrum of 154615, R Serpentis, may be cited. On April 25, 1912, the bright line, H$\delta$, was seven times as intense as H$\gamma$, while on April 18, 1914, the two lines were of nearly the same intensity. On the first date, the star was of the ninth magnitude, and the phase was 40 days before maximum. On the



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second date, the star was at maximum light, about the sixth magnitude. It is evident that no accurate subdivision of these spectra can be made until observations have been obtained at different points on the light curve. It has therefore seemed best to use the designation Md without numeral, in Table I, and to give additional facts, such as the intensities of the bright hydrogen lines, assuming Hγ to be equal to 10, in the Remarks. Several spectra which have hitherto been called Md1 or Md2, in which Hβ is the strongest bright line, are found to be peculiar and are designated Pec. in Table I. The variable stars R Andromedae, U Cassiopeiae, S Cassiopeiae, R Lyncis, R Canis Minoris, T Geminorum, and R Cygni may be given as examples. These spectra do not show the titanium bands having bright edges at 4762, 4954, and 5168 as in all divisions of Class M, but more nearly resemble the spectrum of $\pi^1$ Gruis, which may be placed in a subdivision of Class R, assuming some peculiarities.

Class R. This letter was assigned in 1908, to a few spectra which on photographs of small dispersion, resemble those of Class N between Hβ and Hγ, but which contain so much blue light that the spectrum is visible as far as the calcium bands, H and K. A list of spectra assigned at that time to Class R is given in H. C. 145. A careful study of these spectra shows that they may be subdivided into at least four classes, which are described below.

Class Ro. Typical star, S.D. −10° 5057, ptm. magn. 7.04, R. A. $19^h\ 17^m.6$, Dec. −10° 54′. The distribution of light resembles that in Class G5 or Ko, and the absorption bands H and K, are well seen. The dark carbon band at 4700 is wide and strong, and the dark band 4395 is about equal to Fraunhofer's G band. Lines 4226.9, 4233.8, 4236.1, and 4239.0 are well marked, and on photographs having small dispersion the appearance at this region is that of a wide, continuous band of absorption. Some spectra have been found during observations for this catalogue, which may be considered to be intermediate between the spectra of Classes K and Ro. One of the best examples is the spectrum of the star S.D. −19° 3634, ptm. magn. 8.7, R. A. $13^h\ 1^m.1$, Dec. −19° 31′. This spectrum contains the wide band of absorption near 4227 as in Class Ro, and a fainter band at 4700. Other peculiar spectra of Class K show the same bands in more or less marked degree, as stated in the Remarks.

Class R3. Typical star, B.D. +5° 5223, ptm. magn. 8.8, R. A. $23^h\ 44^m.0$, Dec. +5° 50′. The H and K bands of calcium are visible, but they are fainter than in Class Ro, and the continuous spectrum between these bands and Hγ is not more than 0.5 as intense as in Class Ro.

Class R5. Typical star, S.D. −3° 1685, ptm. magn. 7.5, R. A. $6^h\ 56^m.1$, Dec. −3° 6′. In the region of shorter wave length than 4240, the continuous spectrum is barely visible on plates of normal exposure. When the dispersion is small, the spectrum



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appears to consist of three wide, bright bands, whose centres are at the approximate wave lengths, 4300, 4400, 4840, and whose intensities are estimated to be 3, 6 and 10, respectively.

Class R8. Typical star, B.D. +61° 667, ptm. magn. 7.92, R.A. $3^h\,57^m.2$, Dec. +61° 31′. The spectrum is very faint from 4240 to the violet, so that on photographs of long dispersion, it is difficult to distinguish between this Class and Class Na.

Class Na. Typical star, 19 Piscium, B.D. +2° 4709, var., R. A. $23^h\,41^m.3$, Dec. +2° 56′. The spectrum is visible as far towards the violet as the bands H and K, but the portion between 4240 and K is even fainter than in Class R8. When the dispersion is short, the dark band 4700 separates the spectrum into two wide bright bands, the portion from 4400 to 4700 being estimated as 0.8 as intense as that from 4700 to 5100. According to this estimate of the distribution of light, spectra of this class may be designated 0, 8, 10, when compared with those of Class R5, in which the bands were estimated as 3, 6, 10.

Class Nb. Typical star, B.D. +67° 350, ptm. magn. 7.39, R. A. $4^h\,40^m.8$, Dec. +67° 59′. This spectrum may be designated 0, 6, 10, when the distribution of light is considered. The bright portion from 4400 to 4700 is now only 0.6 as intense as the portion of greater wave length than 4700.

The spectra of some very red stars have recently been obtained with the 24-inch Reflector, using plates stained with pinacyanol or dicyanin. Some examples are the spectra of the variable stars, VX Andromedae, and S Cephei, and also of the stars, R. A. $6^h\,33^m.3$, Dec. +22° 42′, and +49° 3673, R. A. $21^h\,51^m.5$, Dec. +50° 1′. These spectra show no light of shorter wave length than H$\beta$, and probably form a later subdivision of Class N, which may for convenience be designated Nc.

Pec. All spectra which can not be assigned to any known class, considering their principal characteristics. This includes the spectra of novae, and some variable stars.

Con. Spectra apparently continuous. This includes the spectra of nebulae without bright lines, or of clusters which resemble such nebulae with the dispersion employed. As these objects appear as surfaces, and objective prisms are used, dark lines would not be visible. Neb. or Cl. is then given in the magnitude column according to the description of the object in H.A. **60, 8.**

Table I contains 23,151 stars, between $17^h\,00^m.0$ and $19^h\,00^m.0$, whose spectra have been classified. A description of each column of the table is given below, preceded by its heading.

H.D. A number for reference, to be added to the number in heavy type at the top of the first column. It is recommended that these numbers be preceded by the



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letters H.D., indicating the Henry Draper Catalogue, when reference is made to their designations in this catalogue. Thus, the first star on page 17 may be referred to as H.D. 154,401. This notation also conforms to the designations H.A., H.B., and H.C., which are already in use to denote the Harvard Annals, Bulletins, and Circulars, respectively. In like manner, H.N., H.P., H.R., H.S., and H.V. are used to designate the Harvard Nebulae, Photometry, Revised Photometry, Standard Regions, and Variables, respectively.

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, and for stars south of $-52°$, the Cape Photographic Durchmusterung, was used. The number of the zone is generally the same as the degree of declination given in the fourth column. When they differ, owing to precession, the number 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.

Nearly twelve hundred of these stars are not contained in the Bonn, Cordoba, or Cape Durchmusterungs. They are indicated by the absence of a number in the second column. The spectra of these stars were generally classified from plates taken with the 16-inch Metcalf Telescope.

R. A. 1900. The minutes and tenths of the right ascension for 1900. The right ascension of the first star is given in heavy face figures at the top of the table to the right. These positions are only approximate. Owing to the large number of stars in the Catalogue, they will fall into groups, each containing a number of stars whose right ascension is the same in this table. They are then arranged in the order of declination, the northern star being placed first. It may accordingly happen that, when two stars are near together, the preceding one, as shown by its number in the Durchmusterung, may here follow the other.

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

Ptm. The photometric magnitude. This is taken from H.A. **50** or **54**, for stars contained in those works, and is given to hundredths of a magnitude. For other stars, which are north of $-62°$, the magnitude in the Bonn or Cordoba Durchmusterung is used after reducing it to the photometric scale by means of the tables, given in H.A. **72**, 214, 245, and H.A. **80**, 132. The magnitudes are then given only to tenths. The magnitudes of stars south of $-62°$, and which are, therefore, not contained in the Cordoba Durchmusterung, are also given only to tenths, and are derived from the photographic magnitudes given in the next column, by subtracting



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the color index depending on the class of spectrum. The color index is taken from H.A. **80**, 151, and has the values for Bo, −0.24; B1, −0.22; B2, −0.19; B3, −0.17; B5, −0.12; B8, −0.05; B9, −0.02; Ao, 0.00; A2, +0.06; A3, +0.08; A5, +0.14; Fo, +0.28; F2, +0.34; F5, +0.42; F8, +0.50; Go, +0.56; G5, +0.78; Ko, +1.00; K2, +1.07; K5, +1.18; M, +1.35.

Ptg. The Photographic Magnitude. For stars north of declination −19°, in 1875, the magnitudes are derived from the photometric magnitudes, contained in the preceding column, by adding the correction for the class of spectrum given above. For stars south of −19°, the magnitude is taken from the Cape Durchmusterung, first reducing it to the standard scale as described in H.A. **80**, 256. It will be noticed that when either the photometric or photographic magnitudes are derived by means of the color index, they are placed in Italics. In the first case, the color index is subtracted, in the second, added. This method is unsatisfactory from its indirectness, but no direct measures are known to exist.

Sp. The Class of Spectrum. A description of the adopted classification will be found on page 5.

Int. The photographic intensity of the spectrum as estimated by Miss Cannon when she observed it. The faintest spectra which could be classified with certainty were estimated as 1, the densest as 10. When a spectrum was too dense to be classified, it was looked for on a plate showing less faint stars. This might be due to a greater dispersion, a larger load on the pendulum of the control clock, a hazy night, or a slower emulsion.

Rem. Remarks are here indicated which furnish much additional information. The letter R refers to additional facts regarding the star, to be found in the Remarks following Table I. When two figures are given they show that the spectrum was classified on another plate. The first figure indicates, in tenths of the interval between two classes, how much the second classification differs from the first. Thus, if the class in column Sp. was Fo, and the spectrum was again estimated Fo, the first figure would be 0; if the second classification was F5, it would be 5 and if A5, it would be 5. The average value of the differences of the first 100 of these is ±0.13. A comparison of the classification of spectra taken at the Yerkes, Lick, Allegheny, and Mt. Wilson Observatories with that made here is contained in H.A. **56**, 263, and gives the average difference ±0.14. When the residual was greater than 5, an estimate on a third plate was made, if practicable. If not, the spectra were re-examined. In case one observation appeared to be wrong, it was rejected, and the facts are given in the Remarks. The second figure indicates the intensity on the second plate. If the spectrum was estimated on a third plate, a hyphen is



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inserted, and the estimates will be published later. When the estimates of the class differ, the most reliable one is given in Column Sp. The intensities serve to decide which is most likely to be correct; the order of precedence being 6, 5, 7, 4, 8, 3, 2, 9, 10, 1. When the column is not wide enough for a complete remark, it is given in full in the remarks following Table I.

Pl. No. The number of the plate in its series. The letter b indicates that the instrument used was the 8-inch Bache Telescope; the letter c, the 11-inch Draper Telescope; i, the 8-inch Draper Telescope; m, the 16-inch Metcalf Telescope. When the spectrum was taken from H.A. **28**, **56**, or **76**, the volume and page are given and when derived from an unpublished manuscript, the letter M is inserted, instead of the plate number.

Table I is followed by a series of Remarks which give much additional information regarding the individual stars. They include the Bayer designation, additional information regarding the spectrum when it is peculiar, and the position and magnitude of adjacent stars when it is probable that they affect the spectrum. When the stars differ only in declination the spectra are superposed, while equal differences in right ascension are shown at the edges of the spectra. In the case of variable stars, the designation by letter and constellation, and the class are given. Novae are designated by I, long period variables by II, irregular variables by III, short period variables by IV, and Algol variables by V. The magnitude at maximum and minimum, and the period are also given. Parallaxes of $0''.1$, or more, are inserted from a manuscript copy of a Catalogue of Stellar Parallaxes which is being prepared by Professor Schlesinger. Proper motions of $1''$, or more, are inserted from the list given by Dr. van Maanen in A. P. J. **41**, 187.

As an example of the facts that can be derived from Table I, it appears that the twenty-first star on page 20, H. D. 154,721, is S. B. D. $-15°\,4445$, R. A. $17^d\,2^m.0$, Dec. $-15°\,58'$ (1900). Its magnitude is variable. The class of spectrum is Md, which stands for any division of Class M, having also one or more bright hydrogen lines. The dots in the eighth column show that an estimate of intensity was not made, because, as indicated by the letter M in the last column, the spectrum did not appear on a plate in the regular series used for this Catalogue. The letter R in the ninth column refers to the Remarks following the Table, where additional facts concerning this variable star may be found. In those cases where the Remark refers to the identification of a star with a Durchmusterung number, the letter R is placed in the first column of Table I.



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# TABLE I.

## THE HENRY DRAPER CATALOGUE.

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## 154300 — $16^h\,59^m.6$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3218 | 59.6 | +19 50 | 6.57 | *7.75* | K5 | 5 | .. | 38775i |
| 2 | 3135 | 59.6 | +10 41 | 9.1 | *9.2* | A2 | 2 | .. | 18982b |
| 3 | 3295 | 59.6 | + 7 1 | 10.1 | *10.2* | A2 | 1 | .. | 18982b |
| 4 | 3237 | 59.6 | + 2 54 | 9.1 | *10.1* | Ko | 2 | .. | 39408b |
| 5 | 4398 | 59.6 | − 5 28 | 9.5 | *10.1* | Go | 2 | .. | 39399b |
| 6 | 4506 | 59.6 | −21 34 | 10.3 | 10.4 | Ao | 1 | .. | 40627b |
| 7 | 13557 | 59.6 | −31 49 | 8.2 | 8.8 | Go | 5 | .. | 39202b |
| 8 | 12335 | 59.6 | −32 55 | 8.8 | 8.5 | Ao | 6 | .. | 39202b |
| 9 | 11469 | 59.6 | −34 33 | 9.7 | 9.2 | Ao | 4 | .. | 40431b |
| 10 | 11274 | 59.6 | −37 5 | 6.14 | 6.3 | A2 | .. | o,10 | 56,139 |
| 11 | 11272 | 59.6 | −37 44 | 11.9 | 10.1 | Ao | 2 | .. | 17037b |
| 12 | 11113 | 59.6 | −39 10 | 8.00 | 8.7 | F8 | 6 | .. | 22853b |
| 13 | 11832 | 59.6 | −42 12 | 10.1 | 9.5 | Bo | 2 | .. | 19751b |
| 14 | 11443 | 59.6 | −44 36 | 10.6 | 9.8 | B9 | 2 | .. | 17084b |
| 15 | 11011 | 59.6 | −50 35 | 9.2 | 8.8 | B8 | 5 | .. | 19895b |
| 16 | 10453 | 59.6 | −52 20 | *9.4* | 9.4 | Ao | 2 | .. | 19895b |
| 17 | 5839 | 59.6 | −61 47 | 9.2 | 10.2 | A2 | 2 | .. | 39370b |
| 18 | 2116 | 59.6 | −71 35 | *8.9* | 9.0 | A2 | 3 | .. | 20270b |
| 19 | 884 | 59.7 | +69 20 | 6.52 | *7.52* | Ko | 8 | R | 38095i |
| 20 | 908 | 59.7 | +68 48 | 7.32 | *7.46* | A5 | 4 | .. | 38095i |
| 21 | 1692 | 59.7 | +58 43 | 9.5 | *9.9* | F5 | 1 | .. | 37802i |
| 22 | 2358 | 59.7 | +50 27 | 7.42 | *8.42* | Ko | 5 | .. | 37609i |
| 23 | 2579 | 59.7 | +49 45 | 7.17 | *8.17* | Ko | 7 | .. | 37609i |
| 24 | 2578 | 59.7 | +49 34 | 9.1 | *9.4* | F2 | 3 | .. | 37609i |
| 25 | 2646 | 59.7 | +44 47 | 8.52 | *9.30* | G5 | 4 | .. | 37609i |
| 26 | 3035 | 59.7 | +21 1 | 8.9 | *9.7* | G5 | 1 | .. | 38775i |
| 27 | 3103 | 59.7 | +15 34 | 10.5 | *11.5* | K | 1 | .. | 5404m |
| 28 | 3344 | 59.7 | + 6 51 | 9.1 | *9.9* | G5 | 2 | .. | 37767i |
| 29 | 3322 | 59.7 | + 4 50 | 9.05 | *9.33* | F | 2 | .. | 37767i |
| 30 | 3289 | 59.7 | − 1 57 | 10.5 | *10.6* | A2 | 2 | .. | 39399b |
| 31 | 4517 | 59.7 | −19 14 | 10.1 | 10.1 | Go | 2 | .. | 39378b |
| 32 | 12799 | 59.7 | −28 9 | 10.1 | 9.1 | F8 | 3 | .. | 40086b |
| 33 | 12800 | 59.7 | −28 44 | 7.39 | 7.8 | Ao | 3 | *1,7* | 43292b |
| 34 | 13561 | 59.7 | −31 20 | 9.8 | 10.0 | Ao | 2 | .. | 40431b |
| 35 | 11472 | 59.7 | −34 21 | 10.1 | 9.6 | Ao | 2 | .. | 40431b |
| 36 | 11471 | 59.7 | −34 28 | 10.3 | 9.2 | Ao | 2 | .. | 40431b |
| 37 | 11229 | 59.7 | −36 58 | 8.1 | 7.7 | F5 | 7 | .. | 22853b |
| 38 | 11275 | 59.7 | −37 41 | 10.3 | 9.8 | G5 | 2 | .. | 17037b |
| 39 | 11218 | 59.7 | −46 52 | 9.1 | 8.5 | B5 | 6 | .. | 17084b |
| 40 | 11014 | 59.7 | −50 12 | 9.9 | 9.4 | G5 | 2 | .. | 19895b |
| 41 | 11013 | 59.7 | −50 50 | 9.2 | 8.5 | Ao | 6 | .. | 19895b |
| 42 | 7880 | 59.7 | −55 32 | *9.4* | 9.4 | Ao | 2 | .. | 39301b |
| 43 | 1126 | 59.7 | −78 16 | *7.2* | 7.5 | F2 | 7 | .. | 43458b |
| 44 | 2019 | 59.8 | +52 5 | 7.58 | *7.64* | A2 | 4 | .. | 37609i |
| 45 | 2420 | 59.8 | +47 11 | 6.74 | *7.30* | Go | 8 | .. | 37609i |
| 46 | 2889 | 59.8 | +34 31 | 6.74 | *7.81* | K2 | 4 | 0,4 | 38449i |
| 47 | 3296 | 59.8 | +13 27 | 8.9 | *10.3* | Ma | 3 | .. | 5404m |
| 48 | 3315 | 59.8 | + 5 25 | 8.5 | *9.1* | Go | 3 | .. | 37767i |
| 49 | 4508 | 59.8 | −21 8 | 7.49 | 8.3 | Ko | 5 | .. | 40627b |
| 50 | 13190 | 59.8 | −29 10 | 9.3 | 8.8 | B9 | 5 | .. | 40086b |
| 51 | 11547 | 59.8 | −38 5 | 8.8 | 9.2 | B8 | 4 | .. | 22853b |
| 52 | 11441 | 59.8 | −48 57 | 10.3 | 9.9 | A3 | 2 | .. | 17084b |
| 53 | *8023* | 59.8 | −57 1 | 9.0 | 8.6 | B8 | 4 | .. | 19954b |
| 54 | 6710 | 59.8 | −60 56 | 9.1 | 9.9 | G5 | 3 | .. | 39370b |
| 55 | 1693 | 59.9 | +58 42 | 7.13 | *7.55* | F5 | 6 | .. | 37802i |
| 56 | 2911 | 59.9 | +35 33 | 6.75 | *8.10* | Mb | 5 | .. | 38779i |
| 57 | 3389 | 59.9 | +20 11 | 8.3 | *9.4* | K2 | 2 | .. | 38775i |
| 58 | 3104 | 59.9 | +15 30 | 9.5 | *10.1* | Go | 3 | .. | 5404m |
| 59 | 3335 | 59.9 | + 3 55 | 8.0 | *8.0* | Ao | 5 | .. | 37767i |
| 60 | 3627 | 59.9 | + 0 44 | 9.3 | *10.3* | Ko | 2 | .. | 39408b |
| 61 | 3290 | 59.9 | − 1 40 | 9.8 | *10.8* | Ko | 2 | .. | 39474b |
| 62 | 4299 | 59.9 | − 2 39 | 9.5 | *9.9* | F5 | 2 | .. | 39399b |
| 63 | 4225 | 59.9 | − 4 53 | 7.90 | *9.08* | K5p | 4 | *5,4* R | 14191b |
| 64 | 4490 | 59.9 | − 9 30 | 9.3 | *10.5* | K5 | 1 | .. | 40597b |
| 65 | 11880 | 59.9 | −26 27 | var. | var. | G5 | 6 | R | 17036b |
| 66 | 13787 | 59.9 | −30 5 | 11.3 | 10.6 | Ao | 2 | .. | 40441b |
| 67 | 11476 | 59.9 | −34 32 | 10.1 | 9.5 | A2 | 2 | .. | 40431b |
| 68 | 11306 | 59.9 | −35 19 | 6.27 | 6.8 | B3 | 8 | .. | 22853b |
| 69 | 11548 | 59.9 | −38 49 | 10.1 | 10.9 | G5 | 1 | .. | 22853b |
| 70 | 11264 | 59.9 | −41 32 | 8.9 | 8.7 | Ao | 3 | .. | 19655b |
| 71 | 11838 | 59.9 | −42 42 | 9.2 | 8.9 | A2 | 4 | .. | 19655b |
| 72 | 11417 | 59.9 | −43 34 | 9.1 | 9.5 | G5 | 3 | .. | 17084b |
| 73 | 11221 | 59.9 | −46 45 | 7.3 | 8.5 | Ko | 6 | .. | 17084b |
| 74 | 5841 | 59.9 | −61 30 | 8.5 | 9.9 | Ko | 3 | .. | 39370b |
| 75 | 2785 | 0.0 | +41 6 | 7.78 | *8.28* | F8 | 4 | .. | 38773i |
| 76 | .. | 0.0 | +15 9 | .. | .. | Ko | 1 | .. | 5404m |
| 77 | 3183 | 0.0 | +14 56 | 10.5 | *11.3* | G5 | 2 | .. | 5404m |
| 78 | .. | 0.0 | +14 38 | .. | .. | Ko | 1 | .. | 5404m |
| 79 | .. | 0.0 | +12 46 | .. | .. | Ko | 1 | .. | 5404m |
| 80 | 3297 | 0.0 | + 7 38 | 10.1 | *10.2* | A2 | 1 | .. | 18982b |
| 81 | 3324 | 0.0 | + 4 25 | 9.3 | *10.1* | G5 | 3 | .. | 39408b |
| 82 | 4546 | 0.0 | − 6 58 | 9.2 | *9.7* | F8 | 3 | .. | 40597b |
| 83 | 4705 | 0.0 | −17 59 | 7.63 | *7.58* | B8 | 7 | .. | 16852b |
| 84 | 11884 | 0.0 | −26 49 | 10.0 | 9.4 | Ko | 3 | .. | 17036b |
| 85 | 11310 | 0.0 | −35 56 | 7.26 | 7.2 | B5 | 8 | .. | 22853b |
| 86 | *11839* | 0.0 | −43 0 | 8.7 | 9.2 | K2 | 3 | .. | 19655b |
| 87 | 11443 | 0.0 | −48 6 | 10.1 | 10.0 | K5 | 1 | .. | 17084b |
| 88 | 11444 | 0.0 | −48 26 | 8.6 | 8.8 | B8 | 7 | .. | 17084b |
| 89 | 11442 | 0.0 | −48 51 | 10.1 | 10.6 | K5 | 1 | .. | 17084b |
| 90 | 5494 | 0.0 | −62 27 | *9.7* | 10.0 | Fo | 2 | .. | 39370b |
| 91 | 1728 | 0.1 | +60 47 | 6.24 | *7.24* | Ko | 8 | .. | 37802i |
| 92 | 2788 | 0.1 | +42 38 | 8.8 | *8.9* | A2 | 3 | .. | 38773i |
| 93 | 2786 | 0.1 | +42 3 | 8.2 | *9.2* | Ko | 3 | .. | 38773i |
| 94 | 3037 | 0.1 | +21 50 | 8.3 | *9.4* | K2 | 3 | .. | 38775i |
| 95 | 3105 | 0.1 | +15 53 | 9.1 | *10.2* | K2 | 2 | .. | 5404m |
| 96 | 3137 | 0.1 | +10 23 | 9.0 | *10.0* | Ko | 1 | .. | 18982b |
| 97 | 3325 | 0.1 | + 4 37 | 9.1 | *9.2* | A3 | 3 | .. | 39408b |
| 98 | 3238 | 0.1 | + 2 51 | 9.5 | *10.1* | Go | 2 | .. | 39408b |
| 99 | 3373 | 0.1 | + 1 55 | 9.3 | *9.8* | F8 | 3 | .. | 39408b |
| 100 | 4492 | 0.1 | − 9 8 | 9.5 | *10.6* | K2 | 1 | .. | 40597b |



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## 154400 — 17h 0m.1

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4540 | 0.1 | −14 14 | 8.9 | *9.4* | F8 | 4 | .. | 40585b |
| 2 | 4519 | 0.1 | −19 40 | 9.5 | 9.6 | G5 | 1 | .. | 40331b |
| 3 | 13104 | 0.1 | −23 52 | 10.0 | 10.7 | K2 | 1 | .. | 40627b |
| 4 | *13197* | 0.1 | −30 1 | 7.48 | 7.6 | A3 | 7 | .. | 17036b |
| 5 | 13566 | 0.1 | −31 9 | 8.9 | 9.5 | Ao | 4 | .. | 40431b |
| 6 | 11730 | 0.1 | −33 7 | 10.2 | 10.3 | B8 | 2 | .. | 40431b |
| 7 | 11315 | 0.1 | −35 44 | 8.4 | 8.4 | B8 | 6 | .. | 22853b |
| 8 | 11549 | 0.1 | −38 18 | 8.0 | 8.3 | B5 | 6 | .. | 22853b |
| 9 | 11267 | 0.1 | −41 58 | 9.6 | 9.8 | Ao | 3 | .. | 19655b |
| 10 | 11450 | 0.1 | −44 18 | 7.6 | 7.5 | Ao | 9 | .. | 17084b |
| 11 | 11256 | 0.1 | −47 42 | 9.9 | 9.5 | Ao | 4 | .. | 17084b |
| 12 | 1800 | 0.1 | −73 46 | *8.9* | 9.0 | A2 | 2 | .. | 20270b |
| 13 | 2161 | 0.2 | +51 3 | 7.72 | *8.72* | Ko | 4 | .. | 37609i |
| 14 | 3299 | 0.2 | + 7 32 | 9.8 | *10.2* | F5 | 1 | .. | 18982b |
| 15 | 3326 | 0.2 | + 4 1 | 8.7 | *9.7* | Ko | 2 | .. | 37767i |
| 16 | 3240 | 0.2 | + 2 41 | 9.3 | *10.1* | G5 | 2 | .. | 39408b |
| 17 | 3629 | 0.2 | + 0 51 | 5.94 | *6.50* | Go | 9 | .. | 37767i |
| 18 | 4512 | 0.2 | −21 25 | 6.29 | 6.0 | Ao | 10 | .. | 40627b |
| 19 | 12815 | 0.2 | −28 27 | 9.2 | 8.9 | Ao | 4 | .. | 17036b |
| 20 | 12812 | 0.2 | −28 51 | 8.9 | 9.7 | G5 | 3 | .. | 17036b |
| 21 | 11236 | 0.2 | −36 34 | 8.7 | 9.6 | K2 | 3 | .. | 17037b |
| 22 | 11282 | 0.2 | −37 50 | 10.9 | 9.8 | Ao | 2 | .. | 17037b |
| 23 | 11552 | 0.2 | −38 46 | 9.3 | 10.7 | Go | 2 | .. | 22853b |
| 24 | 11423 | 0.2 | −43 42 | 9.3 | 9.5 | G5 | 3 | .. | 17084b |
| 25 | 11219 | 0.2 | −45 23 | 9.9 | 9.7 | A2 | 3 | .. | 17084b |
| 26 | 11223 | 0.2 | −46 32 | 7.0 | 7.1 | A5 | 10 | .. | 17084b |
| 27 | 11446 | 0.2 | −48 16 | 11.0 | 9.9 | Ao | 2 | .. | 17084b |
| 28 | 10459 | 0.2 | −52 9 | *9.3* | 9.4 | A5 | 2 | .. | 19895b |
| 29 | 7001 | 0.2 | −58 53 | *9.8* | 9.9 | A3 | 2 | .. | 39301b |
| 30 | 6905 | 0.2 | −59 9 | 8.6 | 10.2 | K5 | 2 | .. | 39301b |
| 31 | 2890 | 0.3 | +34 56 | 6.01 | *6.09* | A3 | 8 | .. | 38779i |
| 32 | 3318 | 0.3 | + 5 21 | 8.7 | *9.7* | Ko | 1 | .. | 37767i |
| 33 | 3241 | 0.3 | + 2 4 | 8.7 | *9.7* | Ko | 2 | .. | 37767i |
| 34 | 4542 | 0.3 | −13 32 | 9.5 | *9.5* | Ao | 4 | .. | 40585b |
| 35 | 4542 | 0.3 | −14 12 | 9.2 | *10.2* | Ko | 2 | .. | 40585b |
| 36 | 4513 | 0.3 | −21 7 | 8.8 | 9.3 | Ko | 3 | R | 40627b |
| 37 | 11237 | 0.3 | −36 25 | 9.0 | 9.8 | K2 | 2 | .. | 17037b |
| 38 | 11451 | 0.3 | −44 7 | 9.9 | 10.0 | Ao | 2 | .. | 17084b |
| 39 | 3402 | 0.3 | −65 38 | *8.4* | 9.6 | K5 | 2 | .. | 39370b |
| 40 | 2037 | 0.3 | −72 8 | *7.8* | 9.0 | K5 | 3 | .. | 20270b |
| 41 | 3220 | 0.4 | +19 45 | 6.13 | *6.13* | Ao | 9 | .. | 38775i |
| 42 | 3184 | 0.4 | +14 16 | 10.1 | *10.6* | F8 | 2 | .. | 5404m |
| 43 | 3338 | 0.4 | + 3 34 | 7.22 | *7.50* | Fo | 5 | .. | 37767i |
| 44 | 3242 | 0.4 | + 2 24 | 9.1 | *9.9* | G5 | 1 | .. | 39408b |
| 45 | 3224 | 0.4 | − 0 45 | 5.62 | *5.45* | B3 | .. | 0,10 | **56**,139 |
| 46 | 4410 | 0.4 | −18 30 | 9.9 | *10.3* | F5 | 2 | .. | 39378b |
| 47 | 13111 | 0.4 | −23 21 | 9.0 | 9.8 | Go | 3 | .. | 40627b |
| 48 | 12347 | 0.4 | −32 59 | 9.4 | 9.1 | Ao | 3 | .. | 39202b |
| 49 | 11319 | 0.4 | −35 14 | 9.0 | 8.3 | Ao | 5 | .. | 22853b |
| 50 | 11320 | 0.4 | −35 37 | 8.5 | 8.9 | Bo | 5 | R | 22853b |
| 51 | 11121 | 0.4 | −39 32 | 9.1 | 10.1 | Ao | 3 | .. | 22853b |
| 52 | 11270 | 0.4 | −41 17 | 9.4 | 10.1 | K2 | 1 | .. | 19751b |
| 53 | 11453 | 0.4 | −44 23 | 11.6 | 10.2 | Ao | 2 | .. | 17084b |
| 54 | 11455 | 0.4 | −44 34 | 9.0 | 8.8 | Fo | 6 | .. | 17084b |
| 55 | 11226 | 0.4 | −46 16 | 10.1 | 9.7 | Ao | 3 | .. | 17084b |
| 56 | 11257 | 0.4 | −47 34 | 9.2 | 8.8 | A3 | 7 | .. | 17084b |
| 57 | 14448 | 0.4 | −48 55 | 11.0 | 10.0 | Ao | 2 | .. | 17084b |
| 58 | 6907 | 0.4 | −59 41 | 8.3 | 8.0 | B8 | 5 | .. | 13775b |
| 59 | 6712 | 0.4 | −60 29 | 7.5 | 9.1 | G5 | 2 | .. | 13775b |
| 60 | 1802 | 0.4 | −73 24 | *8.5* | 9.3 | G5 | 2 | .. | 20270b |
| 61 | 2748 | 0.5 | +27 11 | 8.5 | *8.8* | Fo | 4 | .. | 37805i |
| 62 | 3092 | 0.5 | +16 12 | 9.5 | *9.8* | F2 | 4 | .. | 5404m |
| 63 | 3186 | 0.5 | +14 48 | 9.3 | *10.5* | K5 | 2 | .. | 5404m |
| 64 | 3185 | 0.5 | +14 1 | 8.9 | *9.7* | G5 | 6 | 5,1 | 5404m |
| 65 | 3099 | 0.5 | +11 27 | 8.7 | *9.8* | K2 | 1 | .. | 18982b |
| 66 | 3243 | 0.5 | + 2 25 | 9.1 | *10.5* | Ma | 1 | .. | 39408b |
| 67 | 3630 | 0.5 | + 0 48 | 9.04 | *9.12* | A3 | 3 | 0,2 R | 39408b |
| 68 | 13113 | 0.5 | −23 46 | 8.7 | 10.1 | Ma | 2 | .. | 40627b |
| 69 | 13097 | 0.5 | −24 34 | 10.4 | 9.7 | A5 | 2 | .. | 40627b |
| 70 | 11733 | 0.5 | −33 36 | 10.9 | 9.7 | A2 | 3 | 0,3 | 39202b |
| 71 | 11487 | 0.5 | −34 23 | 10.9 | 10.1 | Go | 1 | .. | 40431b |
| 72 | 11286 | 0.5 | −37 33 | 10.2 | 9.8 | Ao | 3 | .. | 17037b |
| 73 | 2695 | 0.5 | −69 13 | *8.1* | 9.1 | Ko | 3 | .. | 42473b |
| 74 | .. | 0.6 | +15 45 | .. | .. | G | 1 | .. | 5404m |
| 75 | .. | 0.6 | +14 37 | .. | .. | F8 | 2 | .. | 5404m |
| 76 | 3297 | 0.6 | +13 21 | 10.5 | *11.3* | G5 | 1 | .. | 5404m |
| 77 | 3344 | 0.6 | + 8 31 | 8.9 | *10.1* | K5 | 1 | .. | 18982b |
| 78 | 3340 | 0.6 | + 3 54 | 7.6 | *9.0* | Ma | 3 | .. | 37767i |
| 79 | *3339* | 0.6 | + 2 58 | 8.6 | *9.4* | G5 | 3 | .. | 39408b |
| 80 | 4520 | 0.6 | −19 35 | 10.1 | 10.1 | Go | 1 | .. | 40331b |
| 81 | 11896 | 0.6 | −26 22 | 6.20 | 6.1 | Ao | 7 | .. | 43292b |
| 82 | 11486 | 0.6 | −34 51 | 10.2 | 9.2 | B9 | 4 | *1,3* | 40431b |
| 83 | 11287 | 0.6 | −37 23 | 10.9 | 10.1 | Ao | 1 | .. | 17037b |
| 84 | 11288 | 0.6 | −37 51 | 10.7 | 9.8 | Ao | 3 | .. | 17037b |
| 85 | 11852 | 0.6 | −42 37 | 8.0 | 7.7 | B8 | 7 | .. | 19655b |
| 86 | 11450 | 0.6 | −48 45 | 6.85 | 8.2 | K5 | 6 | .. | 19895b |
| 87 | 7895 | 0.6 | −55 21 | 9.1 | 9.5 | G5 | 2 | .. | 39301b |
| 88 | 6714 | 0.6 | −60 58 | 8.4 | 8.7 | A3 | 3 | .. | 13775b |
| 89 | 3594 | 0.6 | −64 34 | *8.6* | 9.6 | Ko | 4 | .. | 39370b |
| 90 | 340 | 0.6 | −86 38 | *10.3* | 10.9 | G | 2 | .. | 22578b |
| 91 | 3187 | 0.7 | +14 46 | 10.5 | *11.1* | G | 1 | .. | 5404m |
| 92 | 3300 | 0.7 | +13 39 | 10.5 | *11.5* | Ko | 2 | .. | 5404m |
| 93 | 3299 | 0.7 | +13 22 | 10.1 | *10.2* | A2 | 2 | .. | 5404m |
| 94 | 3142 | 0.7 | +12 53 | 4.91 | *4.99* | A3 | .. | .. | **56**,94 |
| 95 | 3375 | 0.7 | + 1 50 | 10.5 | *11.3* | G5 | 2 | .. | 39408b |
| 96 | 4661 | 0.7 | −12 22 | 9.5 | *10.5* | K | 1 | .. | 40585b |
| 97 | 4449 | 0.7 | −15 18 | 9.5 | *10.0* | F8 | 2 | .. | 40585b |
| 98 | 4635 | 0.7 | −20 34 | 10.3 | 10.1 | A | 1 | .. | 40331b |
| 99 | 13102 | 0.7 | −24 25 | 9.0 | 8.5 | B9 | 5 | .. | 40627b |
| 100 | 11489 | 0.7 | −34 21 | 10.7 | 9.6 | B8 | 1 | .. | 40431b |



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## 154500 — 17h 0m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11488 | 0.7 | −34 54 | 9.0 | 10.1 | K5 | 1 | .. | 40431b |
| 2 | 11324 | 0.7 | −35 45 | 8.7 | 8.4 | F5 | 6 | .. | 22853b |
| 3 | 11290 | 0.7 | −37 10 | 8.0 | 9.2 | K2 | 4 | .. | 22853b |
| 4 | 11854 | 0.7 | −42 50 | 8.4 | 7.7 | Ao | 6 | .. | 19655b |
| 5 | 11260 | 0.7 | −47 48 | 10.6 | 9.4 | Ao | 4 | .. | 17084b |
| 6 | 2039 | 0.7 | −72 32 | *8.5* | 8.5 | Ao | 3 | .. | 20270b |
| 7 | 2257 | 0.8 | +46 8 | 8.04 | *9.04* | Ko | 2 | .. | 37609i |
| 8 | 2823 | 0.8 | +36 53 | 7.9 | *9.0* | K2 | 3 | .. | 38773i |
| 9 | 2956 | 0.8 | +31 33 | 7.7 | *8.8* | K2 | 3 | .. | 38499i |
| 10 | 2661 | 0.8 | +28 14 | 7.20 | *8.20* | Ko | 6 | .. | 37805i |
| 11 | *3162* | 0.8 | +16 57 | 8.5 | *9.7* | K5 | 1 | .. | 38775i |
| 12 | 3106 | 0.8 | +15 0 | 9.44 | *10.62* | K5 | 3 | .. | 5404m |
| 13 | 3188 | 0.8 | +14 15 | 9.8 | *10.6* | G5 | 2 | .. | 5404m |
| 14 | 3301 | 0.8 | +13 31 | 9.8 | *9.9* | A5 | 4 | .. | 5404m |
| 15 | 3141 | 0.8 | +12 27 | 8.5 | *9.5* | Ko | 1 | .. | 37218i |
| 16 | 3101 | 0.8 | +11 8 | 7.9 | *8.9* | Ko | 2 | .. | 18982b |
| 17 | 3140 | 0.8 | +10 40 | 8.1 | *8.2* | A5 | 6 | 2,3 | 18982b |
| 18 | *4401* | 0.8 | − 6 2 | 8.6 | *9.6* | Ko | 4 | .. | 14191b |
| 19 | 4662 | 0.8 | −12 16 | 7.84 | *8.18* | F2 | 8 | .. | 40585b |
| 20 | 4543 | 0.8 | −13 48 | 7.35 | *7.85* | F8 | 9 | .. | 40585b |
| 21 | 11900 | 0.8 | −26 57 | 10.2 | 9.4 | F5 | 3 | .. | 17036b |
| 22 | *13807* | 0.8 | −31 0 | 8.5 | 10.0 | Ko | 2 | .. | 40431b |
| 23 | 11558 | 0.8 | −38 41 | 8.7 | 8.9 | Ao | 5 | .. | 22853b |
| 24 | 11037 | 0.8 | −50 37 | 8.9 | 9.7 | K5 | 1 | .. | 19895b |
| 25 | 7004 | 0.8 | −58 2 | *9.6* | 9.6 | Ao | 2 | .. | 19954b |
| 26 | 2897 | 0.8 | −68 30 | *8.0* | 8.1 | A2 | 5 | .. | 42525b |
| 27 | 573 | 0.9 | +78 5 | 7.39 | *8.39* | Ko | 3 | .. | 37240i |
| 28 | 641 | 0.9 | +77 48 | 6.66 | *6.66* | Ao | 9 | .. | 37240i |
| 29 | 2662 | 0.9 | +28 49 | 8.2 | *9.6* | Ma | 2 | .. | 37805i |
| 30 | 3107 | 0.9 | +15 22 | 9.8 | *10.8* | Ko | 2 | .. | 5404m |
| 31 | 3143 | 0.9 | +12 38 | 8.1 | *8.2* | A2 | 8 | 0,3 | 5404m |
| 32 | 3348 | 0.9 | + 6 29 | 9.8 | *10.8* | Ko | 1 | .. | 18982b |
| 33 | 13207 | 0.9 | −29 35 | 8.7 | 9.7 | Ko | 2 | .. | 17036b |
| 34 | 13579 | 0.9 | −31 40 | 8.9 | 10.0 | G5 | 3 | .. | 40431b |
| 35 | 11493 | 0.9 | −34 22 | 8.7 | 8.0 | B5 | 7 | .. | 40431b |
| 36 | 11242 | 0.9 | −36 55 | 9.4 | 10.1 | Ko | 3 | .. | 17037b |
| 37 | 11277 | 0.9 | −41 48 | 9.0 | 9.2 | A2 | 4 | .. | 19655b |
| 38 | 11187 | 0.9 | −49 20 | 8.3 | 8.5 | B5 | 6 | .. | 19895b |
| 39 | 8398 | 0.9 | −53 15 | 9.2 | 9.5 | A2 | 2 | .. | 19895b |
| 40 | 1357 | 0.9 | −75 9 | *8.9* | 9.9 | Ko | 1 | .. | 42633b |
| 41 | 1127 | 0.9 | −78 48 | *9.3* | 9.7 | F5 | 3 | .. | 19008b |
| 42 | 2487 | 1.0 | +45 35 | 8.0 | *9.0* | Ko | 4 | E | 37609i |
| 43 | 3322 | 1.0 | + 5 9 | 7.9 | *9.0* | K2 | 1 | .. | 37767i |
| 44 | 4386 | 1.0 | − 8 24 | 9.2 | *9.7* | F8 | 2 | .. | 40597b |
| 45 | 4440 | 1.0 | −10 40 | 8.0 | *8.0* | Ao | 8 | .. | 40585b |
| 46 | 11494 | 1.0 | −34 54 | 10.2 | 9.5 | F8 | 3 | .. | 22853b |
| 47 | 11334 | 1.0 | −35 4 | 8.38 | 8.4 | B9 | 5 | .. | 22853b |
| 48 | 11247 | 1.0 | −36 58 | 10.9 | 10.1 | A2 | 2 | .. | 17037b |
| 49 | 11564 | 1.0 | −38 21 | 10.4 | 10.4 | Ao | 4 | 0,3 R | 17037b |
| 50 | 11283 | 1.0 | −41 7 | 8.4 | 9.2 | G5 | 3 | .. | 19655b |
| 51 | 11463 | 1.0 | −44 32 | 9.5 | 9.4 | B8 | 5 | .. | 17084b |
| 52 | 11234 | 1.0 | −46 57 | 10.3 | 9.5 | A2 | 4 | .. | 17084b |
| 53 | 11189 | 1.0 | −49 46 | 9.1 | 8.9 | Ao | 3 | .. | 19895b |
| 54 | 8035 | 1.0 | −56 42 | 8.6 | 8.5 | B9 | 5 | .. | 19954b |
| 55 | 5842 | 1.0 | −61 32 | 6.52 | 6.6 | B9 | 6 | .. | 43198b |
| 56 | 2361 | 1.0 | −70 35 | 6.28 | 7.6 | Ko | .. | 0,8- | 56,139 |
| 57 | 2752 | 1.1 | +27 0 | 8.2 | *9.3* | K2 | 1 | .. | 37805i |
| 58 | *3321* | 1.1 | + 8 57 | 9.1 | *10.1* | Ko | 1 | .. | 18982b |
| 59 | 3300 | 1.1 | + 7 49 | 9.1 | *10.3* | K5 | 1 | .. | 18982b |
| 60 | 4296 | 1.1 | −11 39 | 9.5 | *10.3* | G5 | 2 | .. | 40585b |
| 61 | 4522 | 1.1 | −19 48 | 8.8 | 8.9 | Ao | 4 | .. | 16852b |
| 62 | 4637 | 1.1 | −20 18 | 9.9 | 10.4 | G5 | 1 | .. | 40331b |
| 63 | 12835 | 1.1 | −28 51 | 9.5 | 10.6 | Ko | 1 | .. | 17036b |
| 64 | 13811 | 1.1 | −30 31 | 8.3 | 10.2 | K5 | 2 | .. | 40441b |
| 65 | 13585 | 1.1 | −31 24 | 9.5 | 10.0 | A2 | 2 | .. | 40431b |
| 66 | .. | 1.1 | −31 42 | var. | var. | Md | 1 | 0,1 R | 40431b |
| 67 | 11293 | 1.1 | −37 23 | 11.4 | 10.1 | Ao | 1 | .. | 17037b |
| 68 | *11294* | 1.1 | −38 0 | 9.4 | 9.6 | G5 | 2 | .. | 22853b |
| 69 | 11282 | 1.1 | −41 28 | 7.0 | 7.0 | A3 | 9 | .. | 19655b |
| 70 | 11437 | 1.1 | −43 13 | 8.7 | 8.8 | A2 | 3 | .. | 19655b |
| 71 | 11466 | 1.1 | −44 35 | 9.5 | 9.8 | K2 | 1 | .. | 17084b |
| 72 | 11231 | 1.1 | −45 33 | 9.5 | 9.5 | B5 | 3 | .. | 17084b |
| 73 | 11455 | 1.1 | −48 11 | 9.5 | 9.1 | B8 | 4 | .. | 17084b |
| 74 | 11456 | 1.1 | −48 35 | 10.1 | 9.4 | B9 | 2 | .. | 17084b |
| 75 | 11044 | 1.1 | −50 26 | 8.5 | 8.3 | Ao | 6 | .. | 19895b |
| 76 | 10468 | 1.1 | −52 17 | *9.6* | 9.7 | A5 | 1 | .. | 19895b |
| 77 | 6718 | 1.1 | −60 37 | 7.4 | 8.7 | G5 | 4 | .. | 13775b |
| 78 | 2258 | 1.2 | +46 14 | 8.0 | *8.5* | F8 | 5 | .. | 37609i |
| 79 | 3045 | 1.2 | +21 37 | 8.1 | *9.1* | Ko | 5 | .. | 38775i |
| 80 | 3046 | 1.2 | +21 27 | 8.9 | *9.7* | G5 | 2 | .. | 38775i |
| 81 | 3346 | 1.2 | + 8 0 | 7.6 | *7.7* | A3 | 6 | .. | 37767i |
| 82 | 4416 | 1.2 | −16 19 | 9.34 | *9.34* | Ao | 5 | .. | 39378b |
| 83 | 4412 | 1.2 | −18 56 | 9.3 | *10.1* | G5 | 2 | .. | 39378b |
| 84 | 4524 | 1.2 | −19 22 | 9.2 | 9.5 | Go | 2 | .. | 16852b |
| 85 | 13110 | 1.2 | −24 30 | 10.7 | 10.3 | F8 | 1 | .. | 40627b |
| 86 | 12837 | 1.2 | −28 40 | 9.3 | 9.1 | A2 | 4 | .. | 17036b |
| 87 | 13814 | 1.2 | −30 28 | 9.0 | 9.2 | Go | 3 | .. | 40441b |
| 88 | 11497 | 1.2 | −34 18 | 10.4 | 9.8 | Go | 2 | .. | 40431b |
| 89 | 11176 | 1.2 | −40 53 | 7.04 | 7.2 | F5 | 8 | .. | 19655b |
| 90 | 11285 | 1.2 | −41 34 | 8.0 | 8.9 | Ko | 3 | .. | 19655b |
| 91 | 11232 | 1.2 | −45 8 | 10.3 | 10.2 | Ao | 1 | .. | 17084b |
| 92 | 11237 | 1.2 | −46 25 | 10.3 | 9.7 | B9 | 3 | .. | 17084b |
| 93 | 11235 | 1.2 | −46 45 | 10.6 | 10.2 | G5 | 1 | .. | 17084b |
| 94 | 11046 | 1.2 | −50 26 | 8.5 | 8.8 | Ko | 3 | .. | 19895b |
| 95 | 2041 | 1.2 | −72 34 | *8.6* | 8.7 | A5 | 3 | .. | 20270b |
| 96 | .. | 1.3 | +15 35 | .. | .. | G5 | 1 | .. | 5404m |
| 97 | .. | 1.3 | + 9 46 | .. | .. | Ao | 1 | .. | 18982b |
| 98 | 3323 | 1.3 | + 5 19 | 7.9 | *8.7* | G5 | 4 | .. | 37767i |
| 99 | 4301 | 1.3 | − 2 27 | 8.8 | *9.6* | G5 | 3 | .. | 39399b |
| 100 | 4501 | 1.3 | − 9 38 | 9.0 | *9.1* | A2 | 3 | .. | 14191b |



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## 154600

**17h 1m.3**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4413 | 1.3 | −18 24 | 8.4 | *9.2* | G5 | 4 | .. | 16852b |
| 2 | 13124 | 1.3 | −23 12 | 10.4 | 10.4 | Ao | 1 | .. | 40627b |
| 3 | 13817 | 1.3 | −30 10 | 9.58 | 9.5 | Go | 1 | 2,1- | 40441b |
| 4 | 13818 | 1.3 | −30 56 | 7.08 | 7.6 | Ko | 7 | 0,7 | 39202b |
| 5 | 11499 | 1.3 | −34 18 | 10.4 | 9.6 | A5 | 2 | .. | 40431b |
| 6 | 11299 | 1.3 | −37 45 | 10.0 | 9.2 | B8 | 3 | .. | 22853b |
| 7 | 11467 | 1.3 | −44 54 | 9.06 | 10.0 | K2 | 2 | .. | 17084b |
| 8 | 8405 | 1.3 | −53 15 | 8.3 | 8.6 | Go | 4 | .. | 19895b |
| 9 | 3144 | 1.4 | +12 46 | 8.4 | *8.5* | A2 | 8 | 0,3 | 5404m |
| 10 | 3322 | 1.4 | + 9 53 | 6.56 | *7.74* | K5 | 5 | .. | 37218i |
| 11 | 3347 | 1.4 | + 8 45 | 7.02 | *8.09* | K2 | 7 | .. | 18982b |
| 12 | 11914 | 1.4 | −26 36 | 10.9 | 10.2 | A2 | 1 | .. | 17036b |
| 13 | 11469 | 1.4 | −27 36 | 7.7 | 8.9 | G5 | 4 | .. | 17036b |
| 14 | 11749 | 1.4 | −33 30 | 10.9 | 10.3 | B9 | 3 | .. | 40431b |
| 15 | *11287* | 1.4 | −42 0 | 9.3 | 9.8 | Ao | 2 | .. | 19655b |
| 16 | 2665 | 1.5 | +28 13 | 8.8 | *8.9* | A2 | 3 | .. | 37805i |
| 17 | 2946 | 1.5 | +26 36 | 8.1 | *8.5* | F5 | 4 | .. | 37805i |
| 18 | .. | 1.5 | +13 37 | .. | .. | Fo | 1 | .. | 5404m |
| 19 | 3142 | 1.5 | +10 35 | 6.47 | *7.47* | Ko | 7 | .. | 37218i |
| 20 | 3345 | 1.5 | + 3 46 | 7.9 | *9.0* | K2 | 2 | .. | 37767i |
| 21 | 3633 | 1.5 | + 0 47 | 8.34 | *8.90* | Go | 2 | .. | 37767i |
| 22 | 4664 | 1.5 | −12 55 | 9.5 | *10.3* | G5 | 1 | .. | 40585b |
| 23 | 4525 | 1.5 | −19 6 | 10.1 | 9.8 | F5 | 2 | .. | 39378b |
| 24 | 4527 | 1.5 | −19 10 | 8.2 | 8.9 | Ko | 4 | .. | 16852b |
| 25 | 11919 | 1.5 | −26 21 | 10.9 | 9.8 | F8 | 2 | .. | 17036b |
| 26 | 11470 | 1.5 | −27 34 | 8.3 | 9.1 | F8 | 4 | .. | 17036b |
| 27 | 13211 | 1.5 | −29 23 | 9.3 | 10.6 | K5 | 1 | .. | 17036b |
| 28 | 13591 | 1.5 | −31 50 | 8.9 | 10.0 | Ko | 1 | .. | 40431b |
| 29 | 11343 | 1.5 | −35 31 | 8.0 | 8.4 | F5 | 6 | .. | 22853b |
| 30 | 11303 | 1.5 | −37 3 | 10.7 | 9.8 | Ao | 3 | .. | 17037b |
| 31 | *11470* | 1.5 | −45 1 | 9.12 | 9.7 | Ko | 3 | .. | 17084b |
| 32 | 8037 | 1.5 | −56 9 | 8.7 | 8.5 | B9 | 5 | 1,4 | 39301b |
| 33 | 1170 | 1.6 | +64 45 | 6.09 | *7.09* | Ko | 8 | .. | 38536i |
| 34 | 2474 | 1.6 | +48 8 | 8.6 | *9.1* | F8 | 2 | .. | 37609i |
| 35 | 3197 | 1.6 | +25 38 | 8.3 | *9.3* | Ko | 3 | .. | 37805i |
| 36 | 3291 | 1.6 | − 1 8 | 9.1 | *9.9* | G5 | 3 | .. | 39474b |
| 37 | 4302 | 1.6 | − 2 9 | 8.8 | *9.4* | Go | 4 | .. | 39399b |
| 38 | 4502 | 1.6 | − 9 40 | 8.3 | *8.4* | A2 | 5 | .. | 14191b |
| 39 | 13115 | 1.6 | −24 22 | 9.7 | 9.1 | Ao | 3 | .. | 40627b |
| 40 | 13116 | 1.6 | −24 39 | 9.0 | 8.9 | Ao | 4 | .. | 40627b |
| 41 | 12845 | 1.6 | −28 27 | 8.9 | 8.6 | A5 | 6 | .. | 17036b |
| 42 | 12368 | 1.6 | −32 26 | 9.1 | 10.4 | Ko | 1 | R | 40431b |
| 43 | 11503 | 1.6 | −34 52 | 7.14 | 7.2 | B3 | 7 | .. | 22853b |
| 44 | 11182 | 1.6 | −40 43 | 8.4 | 9.5 | Ko | 2 | .. | 19655b |
| 45 | 11864 | 1.6 | −42 34 | 9.2 | 8.4 | B9 | 4 | .. | 19655b |
| 46 | 11243 | 1.6 | −46 8 | 10.6 | 10.2 | B2 | 2 | .. | 17084b |
| 47 | 8046 | 1.6 | −54 12 | 8.5 | 8.5 | Ko | 5 | .. | 19895b |
| 48 | 8040 | 1.6 | −56 44 | 8.6 | 9.1 | G5 | 2 | .. | 19954b |
| 49 | 6908 | 1.6 | −59 26 | 8.7 | 10.5 | Ko | 2 | .. | 39301b |
| 50 | 1915 | 1.7 | +53 20 | 8.0 | *9.0* | Ko | 5 | .. | 37802i |
| 51 | 2935 | 1.7 | +29 46 | 7.56 | *7.62* | A2 | 7 | .. | 37805i |
| 52 | 3094 | 1.7 | +16 25 | 7.7 | *8.7* | Ko | 7 | 2,2 | 5404m |
| 53 | 3108 | 1.7 | +15 22 | 7.34 | *8.34* | Ko | 3 | 5,10 | 38455i |
| 54 | *3190* | 1.7 | +13 57 | 9.3 | *10.1* | G5 | 3 | .. | 5404m |
| 55 | 3305 | 1.7 | +13 12 | 9.8 | *10.3* | F8 | 2 | .. | 5404m |
| 56 | 3148 | 1.7 | +12 44 | 8.6 | *9.4* | G5 | 6 | 5,2 | 5404m |
| 57 | 3348 | 1.7 | + 8 46 | 9.5 | *10.1* | Go | 1 | .. | 18982b |
| 58 | 3380 | 1.7 | + 1 9 | 8.5 | *8.6* | A2 | 3 | .. | 37767i |
| 59 | 3635 | 1.7 | + 0 24 | 9.1 | *10.1* | Ko | 2 | .. | 39408b |
| 60 | 3292 | 1.7 | − 1 31 | 6.25 | *6.31* | A2 | 10 | 0,10 | 37767i |
| 61 | 4544 | 1.7 | −13 37 | 9.3 | *9.7* | F5 | 3 | .. | 40585b |
| 62 | 4282 | 1.7 | −22 22 | 9.2 | 10.7 | K5 | 1 | .. | 40627b |
| 63 | 11966 | 1.7 | −25 19 | 8.3 | 8.3 | A2 | 6 | .. | 17036b |
| 64 | 11753 | 1.7 | −33 44 | 9.3 | 8.6 | B8 | 5 | .. | 40431b |
| 65 | 11254 | 1.7 | −36 12 | 9.4 | 9.2 | F8 | 3 | 0,3 | 22853b |
| 66 | 11306 | 1.7 | −37 26 | 9.4 | 10.4 | K2 | 1 | .. | 17037b |
| 67 | 11307 | 1.7 | −37 41 | 9.4 | 9.3 | F8 | 4 | .. | 22853b |
| 68 | 11308 | 1.7 | −37 51 | 9.4 | 9.3 | A2 | 3 | .. | 22853b |
| 69 | 11142 | 1.7 | −39 52 | 9.0 | 10.9 | K2 | 1 | .. | 22853b |
| 70 | 11272 | 1.7 | −47 30 | 10.3 | 9.8 | Ao | 3 | .. | 17084b |
| 71 | 10716 | 1.7 | −51 45 | 7.7 | 7.6 | A5 | 9 | .. | 19895b |
| 72 | 8042 | 1.7 | −56 19 | 8.3 | 8.3 | G5 | 5 | .. | 19954b |
| 73 | 3394 | 1.8 | +20 42 | 8.7 | *8.8* | A2 | 2 | .. | 38775i |
| 74 | 3393 | 1.8 | +20 4 | 9.15 | *9.93* | G5 | 1 | .. | 38775i |
| 75 | 3095 | 1.8 | +16 2 | 9.8 | *10.3* | F8 | 1 | .. | 5404b |
| 76 | 3302 | 1.8 | + 7 55 | var. | var. | Go | 3 | R | 18982b |
| 77 | *4299* | 1.8 | −12 3 | 9.2 | *10.2* | Ko | 1 | .. | 40585b |
| 78 | 4528 | 1.8 | −19 4 | 8.6 | 9.5 | K2 | 2 | .. | 16852b |
| 79 | 13119 | 1.8 | −24 52 | 7.22 | 8.0 | G5 | 7 | .. | 17036b |
| 80 | 12850 | 1.8 | −28 42 | 9.7 | 9.8 | Ao | 3 | .. | 17036b |
| 81 | 12371 | 1.8 | −32 39 | 10.0 | 10.4 | Fo | 1 | .. | 40431b |
| 82 | 11257 | 1.8 | −36 31 | 7.9 | 7.7 | Go | 6 | .. | 22853b |
| 83 | 11309 | 1.8 | −37 28 | 9.1 | 8.9 | B8 | 4 | .. | 22853b |
| 84 | 11570 | 1.8 | −38 27 | 8.2 | 10.1 | Ko | 3 | .. | 22853b |
| 85 | 11145 | 1.8 | −39 12 | 7.53 | 7.7 | Ao | 8 | .. | 22853b |
| 86 | 11245 | 1.8 | −46 42 | 11.0 | 10.2 | Ao | 2 | .. | 17084b |
| 87 | 10717 | 1.8 | −51 52 | 10.1 | 9.4 | A2 | 2 | .. | 19895b |
| 88 | 10471 | 1.8 | −52 16 | *8.8* | 9.4 | Go | 2 | .. | 19895b |
| 89 | 1729 | 1.9 | +57 38 | 8.4 | *8.4* | B9 | 6 | .. | 37802i |
| 90 | 2488 | 1.9 | +45 21 | 8.6 | *9.4* | G5 | 2 | .. | 38566i |
| 91 | 3050 | 1.9 | +23 27 | 7.8 | *8.8* | Ko | 3 | .. | 37805i |
| 92 | 3306 | 1.9 | +13 34 | 9.5 | *10.9* | Ma | 2 | .. | 5404m |
| 93 | 3304 | 1.9 | + 7 21 | 8.7 | *9.8* | K2 | 2 | .. | 18982b |
| 94 | *3303* | 1.9 | + 6 58 | 9.8 | *10.3* | F8 | 2 | .. | 18982b |
| 95 | 3326 | 1.9 | + 5 28 | 10.5 | *10.6* | A5 | 1 | .. | 18982b |
| 96 | 3382 | 1.9 | + 1 26 | 9.1 | *10.1* | Ko | 1 | .. | 37767i |
| 97 | 4304 | 1.9 | − 2 44 | 7.82 | *8.60* | G5 | 4 | .. | 41559b |
| 98 | 4665 | 1.9 | −12 37 | 8.7 | *9.3* | Go | 5 | .. | 40585b |
| 99 | *4545* | 1.9 | −14 1 | 9.5 | *10.3* | G5 | 1 | .. | 40585b |
| 100 | 4418 | 1.9 | −18 26 | 8.8 | *9.8* | Ko | 2 | .. | 16852b |



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1922AnHar..97....1C



**154700** **17h 1m.9**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. | H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | | | | m. | ° ′ | | | | | | |
| 1 | 13138 | 1.9 | −23 19 | 9.5 | 10.2 | Ko | 1 | .. | 40627b | 51 | 12856 | 2.2 | −28 46 | 8.5 | 8.8 | A2 | 6 | .. | 17036b |
| 2 | *13121* | 1.9 | −25 1 | 9.5 | 10.3 | Go | 1 | .. | 40627b | 52 | 12857 | 2.2 | −28 50 | 10.0 | 10.0 | F | 2 | .. | 17036b |
| 3 | 13222 | 1.9 | −29 55 | 7.26 | 8.0 | Ko | 7 | .. | 17036b | 53 | 13227 | 2.2 | −29 51 | 7.82 | 8.8 | Ko | 5 | .. | 17036b |
| 4 | 11572 | 1.9 | −38 45 | 8.4 | 10.1 | G5 | 3 | .. | 22853b | 54 | 13228 | 2.2 | −29 54 | 9.24 | 8.9 | Ao | 3 | •.. | 17036b |
| 5 | 11448 | 1.9 | −43 13 | 8.4 | 8.5 | Ao | 6 | .. | 19655b | 55 | 12380 | 2.2 | −32 52 | 10.4 | 10.0 | Ao | 1 | .. | 40431b |
| 6 | 10474 | 1.9 | −52 28 | *9.5* | 9.5 | A | 2 | .. | 19895b | 56 | 11509 | 2.2 | −34 42 | 9.4 | 9.6 | B9 | 3 | .. | 40431b |
| 7 | 10472 | 1.9 | −52 32 | *8.8* | 9.4 | Go | 3 | .. | 19895b | 57 | 6721 | 2.2 | −60 6 | 9.2 | 10.0 | Ko | 3 | .. | 39301b |
| 8 | 8336 | 1.9 | −57 52 | 8.9 | 8.5 | A2 | 4 | .. | 19954b | 58 | 2364 | 2.2 | −70 28 | *8.4* | 9.6 | K5 | 2 | *3,1* | 42525b |
| 9 | 6909 | 1.9 | −59 26 | 8.3 | 8.4 | Ao | 4 | .. | 13775b | 59 | 2426 | 2.3 | +47 6 | 8.08 | *9.08* | Ko | 3 | .. | 37609i |
| 10 | 6719 | 1.9 | −60 13 | 9.2 | 9.9 | G5 | 3 | .. | 39301b | 60 | 2952 | 2.3 | +26 38 | 9.1 | *9.9* | G5 | 2 | .. | 37805i |
| 11 | 1171 | 2.0 | +64 10 | 9.1 | *9.2* | A3 | 2 | .. | 38536i | 61 | 3111 | 2.3 | +15 26 | 10.5 | *11.5* | Ko | 1 | .. | 5404m |
| 12 | 1783 | 2.0 | +59 43 | 9.1 | *10.1* | Ko | 3 | .. | 37802i | 62 | 3325 | 2.3 | + 9 9 | 7.9 | *7.9* | B9 | 10 | .. | 18982b |
| 13 | *2652* | 2.0 | +43 57 | 6.36 | *6.36* | Ao | 8 | .. | 38566i | 63 | 3329 | 2.3 | + 5 31 | 8.9 | *9.3* | F5 | 2 | .. | 18982b |
| 14 | 3396 | 2.0 | +20 21 | 8.7 | *9.2* | F8 | 3 | .. | 38775i | 64 | 3384 | 2.3 | + 1 29 | 10.5 | *11.9* | Mb | 1 | .. | 39408b |
| 15 | 3304 | 2.0 | +18 1 | 7.9 | *8.9* | Ko | 2 | .. | 38775i | 65 | 3637 | 2.3 | + 0 55 | 9.54 | *9.68* | A5 | 2 | .. | 39408b |
| 16 | 3109 | 2.0 | +15 12 | 10.5 | *11.3* | G5 | 2 | .. | 5404m | 66 | 4421 | 2.3 | −18 19 | 9.5 | *10.0* | F8 | 3 | .. | 39378b |
| 17 | *3307* | 2.0 | +12 56 | 9.1 | *9.9* | G5 | 4 | .. | 5404m | 67 | 13144 | 2.3 | −23 28 | 9.0 | 9.8 | Ko | 1 | .. | 40627b |
| 18 | 3333 | 2.0 | + 4 29 | 8.3 | *8.9* | Go | 3 | .. | 37767i | 68 | 11757 | 2.3 | −33 34 | 10.7 | 10.6 | B9 | 1 | .. | 40431b |
| 19 | 3383 | 2.0 | + 1 56 | 8.9 | *9.5* | Go | 2 | .. | 37767i | 69 | 11315 | 2.3 | −37 46 | 10.0 | 8.9 | Go | 5 | .. | 22853b |
| 20 | 4442 | 2.0 | −10 43 | 9.2 | *9.8* | Go | 3 | .. | 40585b | 70 | 11878 | 2.3 | −42 17 | 9.1 | 10.4 | K5 | 1 | .. | 19655b |
| 21 | 4455 | 2.0 | −15 58 | var. | var. | Md | .. | R | M | 71 | 11282 | 2.3 | −47 3 | 9.9 | 10.3 | Ko | 1 | .. | 17084b |
| 22 | 13123 | 2.0 | −24 5 | 10.7 | 10.2 | A2 | 2 | .. | 40627b | 72 | 11283 | 2.3 | −47 9 | 10.6 | 9.7 | B8 | 3 | .. | 17084b |
| 23 | 13224 | 2.0 | −29 14 | 9.5 | 9.4 | Ko | 4 | .. | 17036b | 73 | 11470 | 2.3 | −48 15 | 10.3 | 9.9 | G5 | 1 | .. | 17084b |
| 24 | 13225 | 2.0 | −29 36 | 10.2 | 9.4 | A5 | 2 | .. | 17036b | 74 | 8342 | 2.3 | −57 2 | 8.6 | 8.6 | B9 | 5 | *1,4* | 39301b |
| 25 | 11755 | 2.0 | −33 58 | 9.4 | 9.2 | A2 | 3 | .. | 40431b | 75 | 3070 | 2.3 | −66 29 | *8.1* | 9.3 | K5 | 3 | .. | 42525b |
| 26 | 11875 | 2.0 | −42 35 | 9.7 | 9.5 | Ao | 3 | .. | 19751b | 76 | 2843 | 2.4 | +37 44 | 9.1 | *9.5* | F5 | 1 | .. | 38779i |
| 27 | 7006 | 2.0 | −58 36 | 8.4 | 9.1 | Ko | 5 | .. | 39301b | 77 | 3398 | 2.4 | +20 21 | 9.3 | *9.9* | G | 1 | .. | 38775i |
| 28 | 6911 | 2.0 | −59 55 | *9.9* | 9.9 | Ao | 3 | .. | 39301b | 78 | .. | 2.4 | +12 36 | .. | .. | K2 | 1 | .. | 5404m |
| 29 | 3406 | 2.0 | −65 22 | *8.9* | 9.9 | Ko | 1 | .. | 39370b | 79 | 4717 | 2.4 | −17 29 | 6.14 | *7.14* | Ko | 7 | 0,10 | 8391b |
| 30 | 617 | 2.0 | −83 41 | *9.6* | 10.0 | F5 | 1 | .. | 43458b | 80 | 4533 | 2.4 | −19 40 | 9.5 | 9.5 | F8 | 2 | .. | 16852b |
| 31 | *1916* | 2.1 | +52 57 | 8.4 | *8.5* | A5 | 4 | .. | 37802i | 81 | 11936 | 2.4 | −26 42 | 9.0 | 8.3 | B8 | 7 | .. | 17036b |
| 32 | *2583* | 2.1 | +48 57 | 6.32 | *7.32* | Ko | 8 | .. | 37609i | 82 | 13233 | 2.4 | −29 24 | 10.9 | 11.2 | Mb | .. | .. | M |
| 33 | 3073 | 2.1 | +22 13 | 5.72 | *6.79* | K2 | 7 | 0,8 | 38775i | 83 | 13840 | 2.4 | −30 16 | 5.82 | 6.6 | A3 | .. | 2,7 | **56**,139 |
| 34 | *3306* | 2.1 | + 6 56 | 9.1 | *10.1* | Ko | 2 | .. | 18982b | 84 | 13839 | 2.4 | −30 44 | 9.7 | 9.2 | B9 | 3 | .. | 40431b |
| 35 | 4230 | 2.1 | − 4 29 | 9.5 | *9.6* | A2 | 2 | .. | 39399b | 85 | 13613 | 2.4 | −31 10 | 9.5 | 9.5 | Ao | 3 | .. | 40431b |
| 36 | 4714 | 2.1 | −17 14 | 9.3 | *10.1* | G5 | 4 | .. | 39378b | 86 | 11061 | 2.4 | −50 46 | 9.7 | 9.2 | F8 | 2 | .. | 19895b |
| 37 | 13140 | 2.1 | −23 32 | 9.2 | 8.6 | Ao | 5 | .. | 40627b | 87 | 10720 | 2.4 | −51 44 | 8.5 | 8.2 | A2 | 6 | .. | 19895b |
| 38 | 13127 | 2.1 | −24 20 | 10.7 | 9.7 | Ao | 3 | .. | 40627b | 88 | 7007 | 2.4 | −58 54 | *9.9* | 9.9 | Ao | 2 | .. | 39301b |
| 39 | 11474 | 2.1 | −27 58 | 8.9 | 10.2 | K5 | 3 | .. | 17036b | 89 | 6913 | 2.4 | −59 37 | *9.7* | 9.7 | Ao | 3 | .. | 39301b |
| 40 | 12378 | 2.1 | −32 19 | 10.0 | 9.7 | B9 | 3 | .. | 40431b | 90 | 754 | 2.5 | +73 20 | 7.45 | *8.52* | K2 | 2 | .. | 38095i |
| 41 | 11263 | 2.1 | −36 59 | 10.2 | 10.1 | G5 | 2 | .. | 17037b | 91 | 3121 | 2.5 | +24 6 | 8.1 | *9.5* | Ma | 2 | .. | 37805i |
| 42 | 11248 | 2.1 | −46 21 | 8.5 | 8.9 | F2 | 4 | .. | 17084b | 92 | 3113 | 2.5 | +15 42 | 10.5 | *11.6* | K2 | 1 | .. | 5404m |
| 43 | 11247 | 2.1 | −46 24 | 8.5 | 9.1 | Fo | 4 | .. | 17084b | 93 | 3112 | 2.5 | +15 22 | 10.1 | *11.1* | Ko | 3 | .. | 5404m |
| 44 | 11276 | 2.1 | −47 8 | 7.9 | 7.9 | B8 | 9 | .. | 17084b | 94 | 3191 | 2.5 | +14 44 | 10.5 | *11.3* | G5 | 3 | .. | 5404m |
| 45 | 10719 | 2.1 | −51 56 | 11.6 | 9.4 | Ao | 2 | R | 19895b | 95 | 3151 | 2.5 | +12 38 | 9.8 | *10.6* | G5 | 1 | .. | 5404m |
| 46 | 6720 | 2.1 | −60 29 | 8.8 | 10.9 | K5 | 1 | .. | 39301b | 96 | 3152 | 2.5 | +12 14 | 7.9 | *8.3* | F5 | 6 | .. | 37218i |
| 47 | 1361 | 2.1 | −75 21 | *8.6* | 9.4 | G5 | 2 | .. | 42633b | 97 | 3335 | 2.5 | + 4 6 | 7.7 | *8.0* | F2 | 4 | .. | 37767i |
| 48 | 1198 | 2.1 | −76 13 | *8.5* | 8.8 | F2 | 3 | .. | 42633b | 98 | 3349 | 2.5 | + 3 47 | 9.1 | *10.1* | Ko | 2 | .. | 39408b |
| 49 | 4550 | 2.2 | −14 34 | 8.8 | *9.8* | Ko | 4 | .. | 40585b | 99 | 3385 | 2.5 | + 1 50 | 9.1 | *10.3* | K5 | 1 | .. | 39408b |
| 50 | 4715 | 2.2 | −17 55 | 9.5 | *10.3* | G5 | 2 | .. | 39378b | 100 | 4547 | 2.5 | −13 57 | 9.9 | *11.1* | K5 | 1 | .. | 40585b |



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## 154800 — 17h 2m.5

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4551 | 2.5 | −14 7 | 9.5 | *9.6* | A3 | 2 | .. | 40585b |
| 2 | 4423 | 2.5 | −18 15 | 9.0 | *9.0* | Ao | 4 | .. | 16852b |
| 3 | 4536 | 2.5 | −19 16 | 10.1 | 10.1 | F5 | 3 | .. | 39378b |
| 4 | 4521 | 2.5 | −21 12 | 10.8 | 10.9 | Ao | 1 | .. | 40627b |
| 5 | 13147 | 2.5 | −23 6 | 8.7 | 8.9 | Go | 4 | .. | 40627b |
| 6 | 11760 | 2.5 | −33 27 | 11.1 | 10.3 | B9 | 2 | .. | 40431b |
| 7 | 11513 | 2.5 | −34 9 | 10.0 | 9.8 | A2 | 2 | .. | 40431b |
| 8 | 11881 | 2.5 | −42 50 | 9.7 | 9.2 | A | 2 | .. | 19655b |
| 9 | 11880 | 2.5 | −42 54 | 8.6 | 8.3 | Ao | 3 | .. | 19655b |
| 10 | 11251 | 2.5 | −45 30 | 8.4 | 8.6 | F8 | 7 | .. | 17084b |
| 11 | 11250 | 2.5 | −46 54 | 7.3 | 7.5 | B2 | 5 | .. | 4940b |
| 12 | 8420 | 2.5 | −53 49 | 9.2 | 9.1 | B8 | 4 | .. | 19895b |
| 13 | 8347 | 2.5 | −57 54 | 6.83 | 7.2 | Ko | 9 | .. | 19954b |
| 14 | 3599 | 2.5 | −64 14 | *10.1* | 10.1 | Ao | 3 | .. | 39370b |
| 15 | 2260 | 2.6 | +46 29 | 7.48 | *8.48* | Ko | 5 | .. | 37609i |
| 16 | .. | 2.6 | +16 16 | .. | .. | G5 | 1 | .. | 5404m |
| 17 | 4422 | 2.6 | −16 55 | 8.4 | *9.6* | K5 | 2 | .. | 16852b |
| 18 | *4718* | 2.6 | −18 2 | 8.2 | *8.2* | Ao | 7 | .. | 16852b |
| 19 | 13139 | 2.6 | −24 17 | 9.3 | 9.4 | Ao | 4 | .. | 40627b |
| 20 | 11480 | 2.6 | −27 30 | 8.5 | 10.2 | K5 | 2 | .. | 17036b |
| 21 | 12862 | 2.6 | −28 6 | 7.9 | 9.7 | G5 | 4 | .. | 17036b |
| 22 | 13618 | 2.6 | −31 58 | 10.2 | 10.4 | Ao | 2 | .. | 40431b |
| 23 | 6723 | 2.6 | −60 55 | *9.7* | 9.7 | B9 | 2 | .. | 39370b |
| 24 | 3600 | 2.6 | −64 52 | *8.6* | 9.1 | F8 | 6 | .. | 39370b |
| 25 | 3071 | 2.6 | −66 29 | *8.9* | 9.9 | Ko | 2 | .. | 42525b |
| 26 | 2902 | 2.6 | −68 20 | *8.8* | 9.6 | G5 | 2 | .. | 42525b |
| 27 | 2045 | 2.6 | −72 20 | *8.8* | 9.6 | G5 | 3 | .. | 20270b |
| 28 | 3098 | 2.7 | +16 1 | 10.5 | *11.6* | K2 | 1 | .. | 5404m |
| 29 | 3114 | 2.7 | +15 3 | 10.5 | *10.6* | A2 | 2 | .. | 5404m |
| 30 | 3193 | 2.7 | +14 53 | 10.1 | *11.5* | Ma | 1 | .. | 5404m |
| 31 | 4646 | 2.7 | −20 5 | 7.53 | 8.2 | Ao | 7 | 0,7 | 40627b |
| 32 | 13150 | 2.7 | −23 52 | 9.7 | 9.6 | F8 | 1 | .. | 40627b |
| 33 | 13846 | 2.7 | −30 42 | 10.4 | 10.3 | F8 | 1 | .. | 40431b |
| 34 | 11319 | 2.7 | −37 8 | 11.4 | 9.5 | A2 | 4 | .. | 17037b |
| 35 | 11588 | 2.7 | −38 6 | 10.0 | 10.7 | Go | 2 | .. | 17037b |
| 36 | 11198 | 2.7 | −40 5 | 8.13 | 8.0 | Ao | 7 | .. | 22853b |
| 37 | 11460 | 2.7 | −43 8 | 8.5 | 9.8 | K5 | 1 | .. | 19655b |
| 38 | 11254 | 2.7 | −46 46 | 10.3 | 10.3 | Ao | 1 | .. | 17084b |
| 39 | 1363 | 2.7 | −75 35 | *8.8* | 9.6 | G5 | 1 | .. | 42633b |
| 40 | *1730* | 2.8 | +56 59 | 8.9 | *9.7* | G5 | 2 | .. | 37802i |
| 41 | 1917 | 2.8 | +53 16 | 8.8 | *8.9* | A5 | 2 | .. | 37802i |
| 42 | 2938 | 2.8 | +29 0 | 8.7 | *8.8* | A3 | 3 | .. | 37805i |
| 43 | 3077 | 2.8 | +22 12 | 8.7 | *9.8* | K2 | 2 | .. | 38775i |
| 44 | 3171 | 2.8 | +17 55 | 8.0 | *8.1* | A3 | 3 | .. | 38775i |
| 45 | 3352 | 2.8 | + 8 10 | 9.5 | *9.9* | F5 | 2 | .. | 18982b |
| 46 | 3354 | 2.8 | + 6 28 | 9.5 | *10.5* | Ko | 1 | .. | 18982b |
| 47 | 3330 | 2.8 | + 5 50 | 9.8 | *10.1* | F2 | 1 | .. | 18982b |
| 48 | 3386 | 2.8 | + 1 26 | 10.5 | *10.5* | Ao | 2 | .. | 39408b |
| 49 | 3295 | 2.8 | − 1 48 | 8.7 | *9.3* | Go | 4 | .. | 39399b |
| 50 | 4233 | 2.8 | − 4 12 | 8.0 | *9.0* | Ko | 1 | .. | 41559b |
| 51 | 11482 | 2.8 | −27 18 | 11.2 | 10.3 | A | 1 | .. | 17036b |
| 52 | 13626 | 2.8 | −31 53 | 9.5 | 10.0 | Ao | 4 | .. | 40431b |
| 53 | 11762 | 2.8 | −33 22 | 8.8 | 8.8 | B9 | 5 | .. | 40431b |
| 54 | 11763 | 2.8 | −33 55 | 10.7 | 10.4 | A3 | 1 | .. | 40431b |
| 55 | 11519 | 2.8 | −34 38 | 8.1 | 9.8 | K5 | 2 | .. | 40431b |
| 56 | 11207 | 2.8 | −49 55 | 8.66 | 8.2 | B8 | 6 | .. | 19895b |
| 57 | 8059 | 2.8 | −56 33 | 7.4 | 7.7 | Go | 3 | .. | 36326b |
| 58 | 8348 | 2.8 | −57 50 | 8.8 | 8.5 | Fo | 4 | .. | 19954b |
| 59 | 1636 | 2.9 | +61 18 | 7.9 | *8.9* | Ko | 3 | .. | 37802i |
| 60 | 2761 | 2.9 | +27 8 | 9.2 | *10.2* | Ko | 1 | .. | 37805i |
| 61 | 3309 | 2.9 | +13 0 | 8.0 | *8.3* | F2 | 5 | 3,9 | 37218i |
| 62 | 3156 | 2.9 | +12 41 | 8.3 | *9.3* | Ko | 5 | .. | 5404m |
| 63 | 3353 | 2.9 | + 8 23 | 8.9 | *10.0* | K2 | 1 | .. | 18982b |
| 64 | 3331 | 2.9 | + 5 11 | 9.1 | *9.1* | Ao | 3 | .. | 37767i |
| 65 | 4304 | 2.9 | −11 54 | 7.61 | *8.11* | F8 | 8 | .. | 40585b |
| 66 | 13153 | 2.9 | −23 52 | 7.9 | 7.9 | F5 | 6 | .. | 40627b |
| 67 | 11944 | 2.9 | −26 18 | 9.2 | 10.2 | K5 | 2 | .. | 17036b |
| 68 | 11484 | 2.9 | −27 16 | 8.9 | 10.0 | K5 | 1 | .. | 17036b |
| 69 | 11483 | 2.9 | −27 46 | 8.1 | 9.4 | Ko | 5 | .. | 17036b |
| 70 | *11486* | 2.9 | −28 0 | 10.2 | 10.6 | G5 | 1 | .. | 17036b |
| 71 | 13630 | 2.9 | −31 32 | 8.3 | 8.5 | Ao | 6 | .. | 40431b |
| 72 | 11765 | 2.9 | −33 40 | 10.2 | 9.1 | B9 | 3 | .. | 40431b |
| 73 | 11258 | 2.9 | −46 36 | 6.98 | 7.0 | B2 | 6 | .. | 4940b |
| 74 | 11256 | 2.9 | −46 56 | 10.1 | 10.2 | Ko | 2 | .. | 17084b |
| 75 | *8428* | 2.9 | −54 0 | *9.4* | 9.4 | Ao | 3 | .. | 19895b |
| 76 | 8061 | 2.9 | −56 58 | 8.7 | 9.1 | G5 | 3 | 0,2 | 39301b |
| 77 | 6916 | 2.9 | −59 21 | *9.4* | 10.4 | Ko | 1 | .. | 39301b |
| 78 | 2899 | 3.0 | +34 3 | 8.5 | *9.6* | K2 | 2 | .. | 38779i |
| 79 | 3195 | 3.0 | +14 32 | 9.8 | *10.6* | G5 | 3 | .. | 5404m |
| 80 | 3194 | 3.0 | +14 13 | 9.8 | *10.2* | F5 | 5 | .. | 5404m |
| 81 | 4538 | 3.0 | −19 33 | 9.9 | 9.5 | Ao | 2 | .. | 16852b |
| 82 | 13150 | 3.0 | −24 43 | 10.4 | 10.0 | G5 | 2 | .. | 40627b |
| 83 | 13241 | 3.0 | −29 46 | 8.0 | 8.2 | F5 | 5 | .. | 17036b |
| 84 | 11888 | 3.0 | −42 27 | 9.9 | 9.8 | B9 | 2 | .. | 19655b |
| 85 | 11211 | 3.0 | −49 59 | 9.36 | 9.2 | Go | 2 | .. | 19895b |
| 86 | 6918 | 3.0 | −59 2 | 7.3 | 8.8 | K5 | 2 | .. | 13775b |
| 87 | 2491 | 3.1 | +45 8 | 8.4 | *8.9* | F8 | 4 | .. | 38566i |
| 88 | 2917 | 3.1 | +35 27 | 7.19 | *7.19* | Ao | 8 | .. | 38779i |
| 89 | 2964 | 3.1 | +31 9 | 8.3 | *9.5* | K5 | 1 | .. | 38499i |
| 90 | 3052 | 3.1 | +21 50 | 9.2 | *10.3* | K2 | 1 | .. | 38775i |
| 91 | 3173 | 3.1 | +17 29 | 8.6 | *9.4* | G5 | 2 | .. | 38775i |
| 92 | 3116 | 3.1 | +15 21 | 7.99 | *8.41* | F5 | 8 | 3,2 | 5404m |
| 93 | 3310 | 3.1 | +13 39 | 9.5 | *10.0* | F8 | 4 | .. | 5404m |
| 94 | 3352 | 3.1 | + 3 0 | 8.9 | *10.0* | K2 | 2 | .. | 39408b |
| 95 | 3230 | 3.1 | − 0 57 | 6.02 | *6.02* | Ao | 10 | 0,10 | 37767i |
| 96 | *4670* | 3.1 | −13 0 | 7.64 | *8.71* | K2 | 6 | .. | 40585b |
| 97 | 13636 | 3.1 | −31 50 | 9.7 | 10.6 | Go | 1 | .. | 40431b |
| 98 | 11324 | 3.1 | −37 21 | 10.9 | 9.8 | Go | 2 | .. | 17037b |
| 99 | 11205 | 3.1 | −40 55 | 8.4 | 7.8 | Ao | 4 | .. | 19655b |
| 100 | 11484 | 3.1 | −48 17 | 10.1 | 10.0 | G5 | 1 | .. | 17084b |



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1922AnHar..97....1C



## 154900 — 17h 3m.1

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 7009 | 3.1 | −58 41 | 7.1 | 7.1 | B9 | 4 | 0,3 | 36326b |
| 2 | 4070 | 3.1 | −63 33 | 7.0 | 7.0 | B9 | 9 | .. | 13775b |
| 3 | 3296 | 3.1 | −67 4 | 5.94 | 7.8 | Ko | .. | 0,9 | 56,139 |
| 4 | 1943 | 3.2 | +56 40 | 8.0 | 9.0 | Ko | 4 | .. | 37802i |
| 5 | 1857 | 3.2 | +54 36 | 5.83 | 6.25 | F5 | .. | 0, R | 56,94 |
| 6 | | 3.2 | +54 36 | 5.80 | 6.22 | | | | |
| 7 | 3387 | 3.2 | + 1 51 | 9.1 | 9.7 | Go | 2 | .. | 39408b |
| 8 | 4400 | 3.2 | − 7 30 | 8.6 | 9.1 | F8 | 4 | .. | 14191b |
| 9 | 4425 | 3.2 | −16 46 | 7.68 | 7.96 | Fo | 7 | .. | 16852b |
| 10 | 4540 | 3.2 | −19 33 | 9.0 | 8.9 | Ko | 3 | .. | 16852b |
| 11 | 11593 | 3.2 | −38 30 | 9.0 | 9.2 | Bo | 3 | .. | 22853b |
| 12 | 11207 | 3.2 | −40 18 | 8.8 | 9.8 | G5 | 3 | .. | 17037b |
| 13 | 11294 | 3.2 | −47 13 | 10.1 | 10.0 | Ao | 2 | .. | 17084b |
| 14 | 11486 | 3.2 | −48 33 | 10.1 | 9.4 | B8 | 3 | .. | 17084b |
| 15 | 8431 | 3.2 | −53 42 | 8.1 | 8.6 | K5 | 4 | .. | 19895b |
| 16 | 7010 | 3.2 | −58 57 | 9.1 | 9.9 | Ko | 2 | .. | 39301b |
| 17 | 2965 | 3.3 | +31 12 | 8.7 | 8.8 | A3 | 2 | .. | 38499i |
| 18 | 3080 | 3.3 | +22 11 | 9.7 | 10.5 | G5 | 1 | .. | 38775i |
| 19 | 3145 | 3.3 | +10 26 | 8.5 | 8.6 | A2 | 2 | .. | 37218i |
| 20 | 3355 | 3.3 | + 6 35 | 9.5 | 10.1 | Go | 1 | .. | 18982b |
| 21 | 4724 | 3.3 | −17 27 | 8.2 | 8.2 | Ao | 7 | .. | 16852b |
| 22 | 4427 | 3.3 | −18 8 | 8.4 | 8.5 | A2 | 6 | .. | 16852b |
| 23 | 4428 | 3.3 | −18 57 | 9.5 | 10.6 | K2 | 1 | .. | 39378b |
| 24 | 11489 | 3.3 | −27 58 | 10.2 | 9.0 | A2 | 4 | .. | 17036b |
| 25 | 10728 | 3.3 | −51 48 | 8.5 | 8.5 | F5 | 6 | .. | 19895b |
| 26 | 3601 | 3.3 | −64 43 | 9.9 | 9.9 | Ao | 2 | .. | 39370b |
| 27 | 3073 | 3.3 | −66 57 | 8.5 | 9.6 | K2 | 3 | .. | 42525b |
| 28 | 755 | 3.4 | +73 27 | 7.70 | 8.77 | K2 | 1 | .. | 38095i |
| 29 | 3354 | 3.4 | + 8 16 | 8.5 | 9.5 | Ko | 6 | .. | 18982b |
| 30 | 3333 | 3.4 | + 5 32 | 7.9 | 9.0 | K2 | 3 | .. | 37767i |
| 31 | 3336 | 3.4 | + 4 32 | 7.25 | 7.81 | Go | 7 | .. | 37767i |
| 32 | 4555 | 3.4 | − 6 16 | 9.3 | 10.1 | G5 | 1 | .. | 14191b |
| 33 | 4305 | 3.4 | −11 22 | 9.2 | 9.2 | Ao | 2 | .. | 40585b |
| 34 | 4555 | 3.4 | −14 9 | 9.3 | 9.8 | F8 | 3 | .. | 40585b |
| 35 | 4289 | 3.4 | −23 2 | 10.3 | 9.8 | Ao | 2 | .. | 40627b |
| 36 | 11989 | 3.4 | −25 25 | 9.2 | 11.0 | K5 | 1 | .. | 40627b |
| 37 | 13248 | 3.4 | −29 6 | 8.9 | 10.3 | K2 | 1 | .. | 17036b |
| 38 | 11466 | 3.4 | −43 23 | 8.0 | 8.8 | Ko | 4 | .. | 17084b |
| 39 | 11297 | 3.4 | −47 12 | 9.9 | 9.8 | A2 | 3 | .. | 17084b |
| 40 | 11487 | 3.4 | −48 14 | 9.5 | 9.2 | B8 | 4 | .. | 17084b |
| 41 | 1528 | 3.5 | +62 18 | 8.2 | 9.2 | Ko | 1 | .. | 38536i |
| 42 | 2671 | 3.5 | +28 16 | 8.1 | 9.1 | Ko | 5 | .. | 37805i |
| 43 | 3308 | 3.5 | +17 59 | 8.7 | 9.5 | G5 | 1 | .. | 38775i |
| 44 | 3335 | 3.5 | + 5 30 | 9.5 | 9.8 | Fo | 2 | .. | 18982b |
| 45 | 4409 | 3.5 | − 5 4 | 8.25 | 8.59 | F2 | 5 | .. | 14191b |
| 46 | 13163 | 3.5 | −23 26 | 9.5 | 10.1 | A3 | 1 | R | 40627b |
| 47 | 11602 | 3.5 | −38 24 | 9.0 | 9.2 | Ao | 4 | .. | 22853b |
| 48 | 11502 | 3.5 | −44 26 | 5.14 | 6.5 | G5 | .. | .. | 28,212 |
| 49 | 11489 | 3.5 | −48 38 | 9.5 | 8.9 | B8 | 5 | .. | 17084b |
| 50 | 11068 | 3.5 | −50 57 | 9.0 | 9.4 | Ko | 1 | .. | 19895b |
| 51 | 10490 | 3.5 | −52 20 | 8.6 | 8.5 | Fo | 5 | .. | 19895b |
| 52 | R | 3.5 | −55 16 | Neb. | Neb. | Pf | .. | .. | 76,23 |
| 53 | 8077 | 3.5 | −56 43 | 9.2 | 9.9 | K5 | 1 | .. | 39301b |
| 54 | 8356 | 3.5 | −57 50 | 9.4 | 9.4 | Ao | 2 | .. | 39301b |
| 55 | 612 | 3.6 | +75 21 | 6.90 | 7.24 | F2 | 4 | .. | 37240i |
| 56 | 1918 | 3.6 | +53 52 | 8.6 | 9.0 | F5 | 3 | .. | 37802i |
| 57 | 2364 | 3.6 | +50 24 | 8.6 | 9.4 | G5 | 2 | .. | 37609i |
| 58 | 2884 | 3.6 | +38 37 | 8.1 | 9.1 | Ko | 3 | .. | 38773i |
| 59 | 3175 | 3.6 | +17 22 | 8.5 | 9.5 | Ko | 2 | .. | 38775i |
| 60 | 3328 | 3.6 | + 9 27 | 9.1 | 9.2 | A2 | 2 | .. | 18982b |
| 61 | 3356 | 3.6 | + 8 22 | 9.1 | 9.4 | Fo | 4 | .. | 18982b |
| 62 | 4063 | 3.6 | − 3 45 | 6.45 | 7.23 | G5 | 9 | .. | 41559b |
| 63 | 4549 | 3.6 | −13 37 | 9.9 | 10.2 | Fo | 3 | .. | 40585b |
| 64 | 4460 | 3.6 | −15 12 | 8.35 | 8.35 | Ao | 6 | .. | 16852b |
| 65 | 4653 | 3.6 | −20 39 | 8.8 | 8.9 | A3 | 5 | .. | 40627b |
| 66 | 11495 | 3.6 | −27 32 | 11.2 | 10.2 | A2 | 1 | .. | 17036b |
| 67 | 11332 | 3.6 | −37 12 | 10.9 | 10.1 | Go | 1 | .. | 17037b |
| 68 | 11603 | 3.6 | −38 13 | 10.0 | 10.4 | F5 | 2 | .. | 17037b |
| 69 | 10491 | 3.6 | −52 37 | 9.1 | 9.2 | A2 | 3 | .. | 19895b |
| 70 | 7931 | 3.6 | −55 30 | 8.0 | 8.2 | B8 | 7 | .. | 39301b |
| 71 | 3299 | 3.6 | −67 15 | 8.6 | 9.6 | Ko | 2 | .. | 42525b |
| 72 | 1610 | 3.6 | −74 25 | 6.41 | 6.1 | Ao | 10 | .. | 42633b |
| 73 | 3124 | 3.7 | +24 43 | 8.1 | 8.2 | A2 | 2 | .. | 37805i |
| 74 | 3102 | 3.7 | +16 13 | 6.67 | 7.17 | F8 | 7 | 0,10 | 38775i |
| 75 | 3252 | 3.7 | + 2 22 | 9.5 | 9.9 | F5 | 2 | .. | 39408b |
| 76 | 3389 | 3.7 | + 1 42 | 9.1 | 9.7 | Go | 3 | .. | 37767i |
| 77 | 3641 | 3.7 | + 0 10 | 9.1 | 9.5 | F5 | 3 | .. | 39408b |
| 78 | 13859 | 3.7 | −30 42 | 7.77 | 7.9 | A2 | 8 | .. | 40431b |
| 79 | 11336 | 3.7 | −37 26 | 10.7 | 10.4 | Ko | 1 | .. | 17037b |
| 80 | 11335 | 3.7 | −37 49 | 10.4 | 9.8 | F5 | 3 | .. | 17037b |
| 81 | 11299 | 3.7 | −47 42 | 9.2 | 9.7 | F8 | 5 | .. | 17084b |
| 82 | 11491 | 3.7 | −48 18 | 10.3 | 9.5 | B9 | 2 | .. | 17084b |
| 83 | 11216 | 3.7 | −49 59 | 7.46 | 7.3 | Ao | 8 | .. | 19895b |
| 84 | 1806 | 3.7 | −73 32 | 8.3 | 9.3 | Ko | 2 | .. | 21336b |
| 85 | 1128 | 3.7 | −78 46 | 8.8 | 9.1 | F2 | 5 | .. | 19008b |
| 86 | 1944 | 3.8 | +56 16 | 7.21 | 8.21 | Ko | 6 | .. | 37802i |
| 87 | 2763 | 3.8 | +27 16 | 8.3 | 8.6 | Fo | 5 | .. | 37805i |
| 88 | 3147 | 3.8 | + 9 58 | 10.1 | 10.9 | G5 | 1 | .. | 18982b |
| 89 | 3642 | 3.8 | + 0 46 | 10.5 | 11.3 | G5 | 1 | .. | 39408b |
| 90 | 4432 | 3.8 | −18 33 | 9.3 | 9.4 | A3 | 2 | .. | 16852b |
| 91 | 4544 | 3.8 | −19 44 | 10.1 | 10.4 | F8 | 2 | .. | 39378b |
| 92 | 13162 | 3.8 | −24 21 | 10.4 | 10.5 | Go | 1 | .. | 40627b |
| 93 | 12878 | 3.8 | −28 19 | 10.0 | 10.2 | A5 | 2 | .. | 17036b |
| 94 | 13253 | 3.8 | −29 51 | 9.7 | 10.0 | G5 | 1 | .. | 17036b |
| 95 | 13861 | 3.8 | −30 27 | 9.3 | 9.4 | F8 | 3 | .. | 40431b |
| 96 | 11337 | 3.8 | −37 20 | 10.4 | 10.4 | A | 1 | .. | 17037b |
| 97 | 11503 | 3.8 | −44 50 | 9.7 | 10.2 | Ko | 1 | .. | 17084b |
| 98 | 11266 | 3.8 | −46 21 | 11.0 | 10.5 | A2 | 1 | .. | 17084b |
| 99 | 7011 | 3.8 | −58 20 | 9.0 | 9.1 | Fo | 3 | .. | 39301b |
| 100 | 1697 | 3.9 | +58 50 | 9.3 | 10.3 | K | 1 | .. | 37802i |



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## 155000 — $17^h\,3^m.9$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. | H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | | | | m. | ° ′ | | | | | | |
| 1 | 3053 | 3.9 | +21 7 | 8.3 | *9.5* | K5 | 1 | .. | 38775i | 51 | 11333 | 4.1 | −41 35 | 8.0 | 7.8 | Bo | 5 | .. | 19655b |
| 2 | 3329 | 3.9 | + 9 18 | 8.7 | *8.8* | A2 | 4 | .. | 18982b | 52 | 11507 | 4.1 | −44 43 | 9.9 | 10.5 | Ko | 1 | .. | 17084b |
| 3 | 3339 | 3.9 | + 4 34 | 9.1 | *9.1* | Ao | 3 | .. | 39408b | 53 | 7938 | 4.1 | −55 6 | *9.3* | 9.4 | A2 | 1 | .. | 39301b |
| 4 | 3390 | 3.9 | + 1 4 | 9.84 | *10.40* | Go | 2 | .. | 39408b | 54 | 7939 | 4.1 | −55 16 | 9.0 | 8.8 | F5 | 2 | .. | 39301b |
| 5 | 4654 | 3.9 | −20 16 | 9.5 | 10.1 | Ao | 3 | .. | 39378b | 55 | 3301 | 4.1 | −67 43 | *8.7* | 8.7 | Ao | 3 | .. | 42525b |
| 6 | 4526 | 3.9 | −21 40 | 9.5 | 10.1 | G5 | 2 | .. | 40627b | 56 | 2124 | 4.1 | −71 8 | *8.5* | 8.5 | Ao | 4 | .. | 20270b |
| 7 | 13168 | 3.9 | −23 47 | 10.4 | 10.4 | A2 | 1 | .. | 40627b | 57 | 822 | 4.2 | +71 12 | 7.64 | *8.82* | K5 | 3 | .. | 38095i |
| 8 | *13169* | 3.9 | −24 2 | 9.5 | 10.1 | A5 | 2 | .. | 40627b | 58 | 1733 | 4.2 | +60 43 | 7.8 | *8.6* | G5 | 3 | .. | 37802i |
| 9 | 11961 | 3.9 | −26 27 | Cl. | Cl. | Con. | 1 | R | 17036b | 59 | 2657 | 4.2 | +44 23 | 8.0 | *8.8* | G5 | 4 | .. | 38773i |
| 10 | 11500 | 3.9 | −27 39 | 7.70 | 7.7 | F2 | 7 | .. | 17036b | 60 | 2852 | 4.2 | +32 14 | 7.20 | *7.70* | F8 | 6 | .. | 38499i |
| 11 | 11499 | 3.9 | −27 44 | 11.2 | 10.4 | A | 1 | .. | 17036b | 61 | 2967 | 4.2 | +31 20 | 6.61 | *7.68* | K2 | 6 | .. | 38499i |
| 12 | 13865 | 3.9 | −30 51 | 9.3 | 9.2 | Ao | 4 | .. | 40431b | 62 | 4559 | 4.2 | − 6 22 | 9.3 | *9.9* | Go | 2 | .. | 14191b |
| 13 | *13864* | 3.9 | −31 1 | 9.5 | 10.6 | Ko | 1 | .. | 40431b | 63 | 4731 | 4.2 | −17 53 | 9.0 | *9.6* | Go | 5 | .. | 39378b |
| 14 | 12410 | 3.9 | −32 29 | 8.0 | 8.5 | B9 | 5 | .. | 40431b | 64 | 4656 | 4.2 | −20 40 | 8.8 | 9.6 | Ao | 4 | .. | 40627b |
| 15 | 12409 | 3.9 | −32 54 | 8.4 | 8.5 | B8 | 4 | .. | 40431b | 65 | 11276 | 4.2 | −46 19 | 11.0 | 10.0 | A5 | 2 | .. | 17084b |
| 16 | 11780 | 3.9 | −33 43 | 9.6 | 9.1 | Ao | 4 | .. | 40431b | 66 | 8445 | 4.2 | −53 15 | 7.8 | 8.3 | Ma | 6 | .. | 19895b |
| 17 | 11339 | 3.9 | −37 10 | 10.0 | 9.8 | Ao | 2 | .. | 17037b | 67 | 7012 | 4.2 | −58 3 | 8.8 | 9.0 | Go | 4 | *2,4* | 39301b |
| 18 | 11608 | 3.9 | −38 2 | 10.4 | 10.7 | Fo | 2 | .. | 17037b | 68 | 3409 | 4.2 | −65 50 | 7.26 | 8.7 | K2 | 4 | .. | 13775b |
| 19 | 11471 | 3.9 | −43 21 | 7.7 | 8.5 | K2 | 7 | .. | 17084b | 69 | 1787 | 4.3 | +59 3 | 8.8 | *9.6* | G5 | 3 | .. | 37802i |
| 20 | 11267 | 3.9 | −46 3 | 7.8 | 7.4 | B5 | 9 | .. | 17084b | 70 | 3084 | 4.3 | +22 0 | 9.3 | *10.1* | G5 | 1 | .. | 38775i |
| 21 | 3603 | 3.9 | −64 28 | *9.5* | 9.6 | A3 | 3 | .. | 39370b | 71 | 3104 | 4.3 | +16 15 | 9.3 | *9.4* | A5 | 4 | *3,5* | 37229i |
| 22 | 3408 | 3.9 | −65 34 | *8.7* | 8.7 | Ao | 4 | .. | 13775b | 72 | 3117 | 4.3 | +15 49 | 9.8 | *10.9* | K2 | 2 | .. | 5404m |
| 23 | 821 | 4.0 | +71 0 | 8.3 | *9.4* | K2 | 1 | .. | 38095i | 73 | 3159 | 4.3 | +12 48 | 8.3 | *9.5* | K5 | 5 | 0,1 | 5404m |
| 24 | 2586 | 4.0 | +49 19 | 8.8 | *9.8* | Ko | 1 | .. | 37609i | 74 | 3151 | 4.3 | +10 25 | 9.3 | *10.4* | K2 | 1 | .. | 18982b |
| 25 | 2764 | 4.0 | +27 13 | 7.8 | *8.1* | F2 | 5 | .. | 37805i | 75 | *3150* | 4.3 | + 9 59 | 9.07 | *10.07* | Ko | 1 | .. | 18982b |
| 26 | 3311 | 4.0 | +13 52 | 10.1 | *11.5* | Ma | 2 | .. | 5404m | 76 | *3357* | 4.3 | + 2 59 | 9.0 | *9.6* | Go | 3 | .. | 39408b |
| 27 | 3336 | 4.0 | + 5 50 | 8.3 | *9.3* | Ko | 3 | .. | 37767i | 77 | *3643* | 4.3 | − 0 2 | 9.8 | *9.9* | A3 | 2 | .. | 39408b |
| 28 | 3356 | 4.0 | + 3 53 | 8.1 | *9.1* | Ko | 4 | .. | 37767i | 78 | 4445 | 4.3 | −10 23 | 5.58 | *6.00* | F5 | 7 | .. | 8391b |
| 29 | 13170 | 4.0 | −23 54 | 8.5 | 9.2 | G5 | 3 | .. | 40627b | 79 | 11967 | 4.3 | −26 7 | 8.3 | 9.3 | Ko | 3 | .. | 17036b |
| 30 | 13650 | 4.0 | −31 22 | 9.7 | 10.2 | Go | 1 | .. | 40431b | 80 | 12890 | 4.3 | −28 56 | 9.5 | 9.0 | A2 | 3 | .. | 17036b |
| 31 | 11331 | 4.0 | −41 19 | 7.6 | 7.7 | Ao | 8 | .. | 19655b | 81 | 13656 | 4.3 | −31 26 | 7.9 | 8.5 | Ao | 6 | .. | 40431b |
| 32 | 11473 | 4.0 | −43 58 | 9.3 | 9.2 | B8 | 4 | .. | 17084b | 82 | 12416 | 4.3 | −32 15 | 9.3 | 11.2 | K5 | 1 | .. | 40431b |
| 33 | 11505 | 4.0 | −44 9 | 9.5 | 9.8 | Ko | 2 | .. | 17084b | 83 | 11791 | 4.3 | −33 25 | 10.7 | 10.4 | A2 | 2 | .. | 40431b |
| 34 | 11506 | 4.0 | −44 33 | 9.1 | 9.5 | B9 | 3 | .. | 17084b | 84 | 11224 | 4.3 | −49 34 | 9.3 | 8.9 | B8 | 4 | .. | 19895b |
| 35 | 11492 | 4.0 | −48 45 | 5.95 | 7.6 | Ma | .. | 0,8 | **56**,139 | 85 | 10498 | 4.3 | −52 10 | 8.3 | 7.9 | Ao | 8 | .. | 19895b |
| 36 | 6724 | 4.0 | −60 9 | *9.2* | 10.4 | K5 | 2 | .. | 39301b | 86 | 8083 | 4.3 | −56 17 | 9.0 | 8.6 | G5 | 4 | 0,3 | 39301b |
| 37 | 3604 | 4.0 | −64 14 | *9.0* | 10.2 | K5 | 2 | .. | 39370b | 87 | 8082 | 4.3 | −56 33 | *8.5* | 8.5 | Ao | 3 | 0,3 | 19954b |
| 38 | 2428 | 4.1 | +47 48 | 7.8 | *8.9* | K2 | 3 | .. | 37609i | 88 | 2047 | 4.3 | −72 26 | *8.2* | 9.3 | K2 | 4 | .. | 20270b |
| 39 | 2885 | 4.1 | +38 18 | 8.7 | *9.5* | G5 | 2 | .. | 38773i | 89 | *823* | 4.4 | +70 58 | 8.4 | *9.4* | K | 1 | .. | 38095i |
| 40 | 2849 | 4.1 | +37 38 | 8.5 | *8.8* | F2 | 1 | .. | 38779i | 90 | 891 | 4.4 | +69 55 | 7.89 | *8.31* | F5 | 4 | .. | 38095i |
| 41 | 2942 | 4.1 | +29 17 | 8.1 | *9.2* | K2 | 2 | .. | 37805i | 91 | 2932 | 4.4 | +30 18 | 8.5 | *8.5* | Ao | 2 | .. | 37805i |
| 42 | 3054 | 4.1 | +21 25 | 9.9 | *9.9* | A | 1 | .. | 38775i | 92 | 2677 | 4.4 | +28 23 | 6.99 | *7.33* | F2 | 8 | .. | 37805i |
| 43 | 3314 | 4.1 | +13 56 | 9.3 | *10.3* | Ko | 2 | .. | 5404m | 93 | 3118 | 4.4 | +15 5 | 7.14 | *8.14* | Ko | 8 | 2,2 | 5404m |
| 44 | 3312 | 4.1 | +13 49 | 9.5 | *10.0* | F8 | 3 | .. | 5404m | 94 | 4435 | 4.4 | −18 48 | 9.5 | *10.3* | G5 | 2 | .. | 39378b |
| 45 | 3313 | 4.1 | +13 15 | 9.8 | *10.9* | K2 | 3 | .. | 5404m | 95 | 4547 | 4.4 | −19 19 | 6.86 | 7.0 | B8 | 10 | .. | 16852b |
| 46 | 3340 | 4.1 | + 4 45 | 8.55 | *9.33* | G5 | 2 | .. | 37767i | 96 | 4531 | 4.4 | −21 28 | 9.5 | 9.8 | Go | 2 | .. | 40627b |
| 47 | 4426 | 4.1 | −16 11 | 8.62 | *9.62* | Ko | 1 | .. | 16852b | 97 | 11971 | 4.4 | −26 27 | 10.2 | 10.5 | A | 1 | .. | 17036b |
| 48 | 4655 | 4.1 | −20 33 | 7.72 | 8.9 | Ko | 5 | .. | 40627b | 98 | 10499 | 4.4 | −52 37 | 8.3 | 8.8 | Ko | 4 | .. | 19895b |
| 49 | 12413 | 4.1 | −32 45 | 9.4 | 9.4 | B8 | 2 | .. | 40431b | 99 | 7014 | 4.4 | −58 28 | 7.00 | 7.1 | F2 | 4 | .. | 36326b |
| 50 | 11290 | 4.1 | −36 17 | 8.7 | 8.4 | B5 | 6 | 3,5 | 22853b | 100 | 7013 | 4.4 | −58 47 | 8.3 | 10.2 | K2 | 3 | .. | 39301b |



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1922AnHar..97....1C



## 155100

## 17h 4m.4

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 1244 | 4.4 | −77 57 | *8.8* | 9.1 | F2 | 5 | .. | 42633b |
| 2 | 3103 | 4.5 | +40 39 | 6.27 | *6.33* | A2 | 10 | .. | 38773i |
| 3 | 2827 | 4.5 | +36 4 | 5.38 | *5.52* | A5 | 9 | 5,R | 38499i |
| 4 | 3127 | 4.5 | +24 37 | 6.82 | *6.82* | Ao | 8 | .. | 37805i |
| 5 | 4392 | 4.5 | − 8 24 | 8.0 | *8.6* | Go | 4 | .. | 14191b |
| 6 | 4553 | 4.5 | −13 44 | 8.7 | *9.3* | Go | 5 | .. | 40585b |
| 7 | *4466* | 4.5 | −16 2 | 8.14 | *8.70* | Go | 4 | .. | 16852b |
| 8 | 4734 | 4.5 | −17 13 | 9.9 | *9.9* | Ao | 4 | .. | 39378b |
| 9 | 4549 | 4.5 | −19 23 | 9.2 | 9.8 | A3 | 2 | .. | 16852b |
| 10 | 4548 | 4.5 | −19 55 | 9.33 | 9.8 | Go | 1 | .. | 16852b |
| 11 | 11970 | 4.5 | −26 53 | 8.5 | 10.5 | K5 | 1 | .. | 17036b |
| 12 | 11276 | 4.5 | −45 10 | 9.22 | 9.4 | A2 | 4 | .. | 17084b |
| 13 | 11272 | 4.5 | −45 25 | 10.1 | 9.8 | Ao | 2 | .. | 17084b |
| 14 | 11273 | 4.5 | −45 45 | 7.5 | 8.2 | Go | 8 | .. | 17084b |
| 15 | 11280 | 4.5 | −46 4 | 8.4 | 8.8 | F8 | 6 | .. | 17084b |
| 16 | 7018 | 4.5 | −58 4 | 9.2 | 10.8 | K5 | 1 | .. | 39301b |
| 17 | 6725 | 4.5 | −60 23 | 7.7 | 9.0 | Go | 2 | .. | 13775b |
| 18 | 3105 | 4.6 | +16 35 | 7.9 | *8.2* | Fo | 7 | 5,3 | 5404m |
| 19 | 3315 | 4.6 | +13 18 | 10.1 | *11.2* | K2 | 2 | .. | 5404m |
| 20 | 3359 | 4.6 | + 8 5 | 9.0 | *10.0* | Ko | 3 | .. | 18982b |
| 21 | 3342 | 4.6 | + 4 4 | 7.9 | *8.7* | G5 | 4 | .. | 37767i |
| 22 | 3646 | 4.6 | + 0 40 | 8.5 | *9.3* | G5 | 2 | .. | 37767i |
| 23 | 3645 | 4.6 | + 0 28 | 9.1 | *10.3* | K5 | 2 | .. | 39408b |
| 24 | 3644 | 4.6 | + 0 5 | 8.48 | *9.26* | G5 | 3 | .. | 37767i |
| 25 | 4467 | 4.6 | −15 36 | 2.63 | *2.69* | A2 | .. | 2,9 R | 2024c |
| 26 | 13181 | 4.6 | −23 25 | 9.7 | 9.8 | A5 | 2 | .. | 40627b |
| 27 | 11974 | 4.6 | −26 20 | 8.5 | 8.4 | B9 | 5 | .. | 17036b |
| 28 | 13662 | 4.6 | −31 27 | 8.9 | 9.7 | G5 | 3 | .. | 40431b |
| 29 | 12422 | 4.6 | −32 35 | 10.9 | 11.0 | A2 | 1 | .. | 40431b |
| 30 | 12424 | 4.6 | −32 56 | 10.0 | 10.3 | A3 | 1 | .. | 40431b |
| 31 | 11796 | 4.6 | −33 8 | 11.8 | 10.4 | A5 | 2 | .. | 40431b |
| 32 | 11623 | 4.6 | −38 8 | 10.4 | 10.7 | A2 | 2 | .. | 17037b |
| 33 | 11620 | 4.6 | −38 17 | 9.4 | 10.9 | K2 | 1 | .. | 17037b |
| 34 | 11340 | 4.6 | −41 40 | 9.3 | 8.9 | Bo | 3 | .. | 19655b |
| 35 | 10739 | 4.6 | −51 44 | 9.3 | 9.4 | Ko | 2 | .. | 19895b |
| 36 | 2481 | 4.7 | +48 32 | 6.85 | *7.85* | Ko | 6 | .. | 37609i |
| 37 | 3107 | 4.7 | +16 15 | 9.8 | *10.6* | G5 | 2 | .. | 5404m |
| 38 | 3113 | 4.7 | +11 48 | 8.7 | *9.7* | Ko | 1 | .. | 37218i |
| 39 | 3393 | 4.7 | + 1 50 | 10.5 | *11.0* | F8 | 1 | .. | 39408b |
| 40 | 3394 | 4.7 | + 1 15 | 9.1 | *10.1* | Ko | 1 | .. | 37767i |
| 41 | 4446 | 4.7 | −10 51 | 9.5 | *10.7* | K5 | 1 | .. | 40585b |
| 42 | 4534 | 4.7 | −21 53 | 8.8 | 8.9 | A2 | 6 | .. | 40627b |
| 43 | 13177 | 4.7 | −24 50 | 7.9 | 7.9 | A3 | 7 | .. | 17036b |
| 44 | 12428 | 4.7 | −32 4 | 8.2 | 9.5 | Ko | 4 | .. | 40431b |
| 45 | 11797 | 4.7 | −33 9 | 10.2 | 10.3 | A5 | 1 | .. | 40431b |
| 46 | 11798 | 4.7 | −33 15 | 10.4 | 9.5 | B9 | 3 | .. | 40431b |
| 47 | 11541 | 4.7 | −34 6 | 9.4 | 8.9 | Ao | 4 | .. | 40431b |
| 48 | 11353 | 4.7 | −37 34 | 11.4 | 9.8 | Ao | 2 | .. | 17037b |
| 49 | 11277 | 4.7 | −45 4 | 9.61 | 9.8 | A2 | 2 | .. | 17084b |
| 50 | 7944 | 4.7 | −55 35 | *9.3* | 9.4 | A2 | 2 | .. | 39301b |
| 51 | 3607 | 4.7 | −64 30 | *7.7* | 8.7 | Ko | 4 | .. | 13775b |
| 52 | 152 | 4.7 | −88 18 | *9.9* | 11.0 | K2 | 3 | .. | 22980b |
| 53 | 568 | 4.8 | +81 0 | 6.73 | *7.51* | G5 | 6 | .. | 37240i |
| 54 | 613 | 4.8 | +75 26 | 6.32 | *6.60* | Fo | 7 | .. | 37240i |
| 55 | 3312 | 4.8 | +18 18 | 8.5 | *8.8* | Fo | 2 | .. | 38775i |
| 56 | 3152 | 4.8 | +10 22 | 8.7 | *9.2* | F8 | 3 | .. | 18982b |
| 57 | 3330 | 4.8 | + 9 34 | 9.1 | *10.1* | Ko | 1 | .. | 18982b |
| 58 | 3648 | 4.8 | + 0 20 | 9.5 | *10.6* | K2 | 1 | .. | 39408b |
| 59 | 3233 | 4.8 | − 0 11 | 9.8 | *10.4* | Go | 1 | .. | 39408b |
| 60 | 4437 | 4.8 | −18 38 | 9.9 | *9.9* | B9 | 2 | .. | 16852b |
| 61 | 12429 | 4.8 | −32 12 | var. | var. | Md | .. | R | M |
| 62 | 12430 | 4.8 | −32 38 | 8.8 | 8.8 | A5 | 5 | .. | 40431b |
| 63 | 11800 | 4.8 | −33 34 | 10.7 | 9.5 | A2 | 3 | .. | 40431b |
| 64 | 11355 | 4.8 | −37 43 | 7.8 | 9.2 | K2 | 5 | .. | 17037b |
| 65 | 11345 | 4.8 | −41 52 | 9.0 | 8.9 | F5 | 3 | .. | 19655b |
| 66 | 11920 | 4.8 | −42 14 | 9.5 | 10.1 | K2 | 1 | .. | 19751b |
| 67 | 11235 | 4.8 | −49 20 | 9.5 | 8.9 | Ao | 3 | .. | 19895b |
| 68 | 10504 | 4.8 | −52 49 | *9.1* | 9.4 | F2 | 3 | .. | 19895b |
| 69 | 8096 | 4.8 | −54 44 | 7.22 | 7.7 | Ko | 6 | .. | 39301b |
| 70 | R | 4.8 | −58 10 | .. | .. | K2 | 1 | .. | 39301b |
| 71 | 7020 | 4.8 | −58 17 | *10.2* | 10.2 | Ao | 1 | .. | 39301b |
| 72 | 6922 | 4.8 | −59 28 | *9.2* | 9.3 | A3 | 4 | .. | 39301b |
| 73 | 5851 | 4.8 | −61 25 | *9.5* | 9.6 | A2 | 2 | R | 39370b |
| 74 | 5850 | 4.8 | −61 59 | 8.8 | 9.0 | Ao | 5 | .. | 39370b |
| 75 | 4074 | 4.8 | −63 26 | *8.7* | 8.7 | Ao | 3 | .. | 13775b |
| 76 | 1612 | 4.8 | −74 8 | *9.3* | 9.4 | A2 | 3 | .. | 20270b |
| 77 | 343 | 4.8 | −86 3 | *9.6* | 9.9 | Fo | 5 | 5,4 | 22578b |
| 78 | 2851 | 4.9 | +37 53 | 8.9 | *9.0* | A2 | 2 | .. | 38773i |
| 79 | 2922 | 4.9 | +35 9 | 6.77 | *7.77* | Ko | 7 | .. | 38779i |
| 80 | 2766 | 4.9 | +27 45 | 8.9 | *10.0* | K2 | 1 | .. | 37805i |
| 81 | 3317 | 4.9 | +13 32 | 9.8 | *10.8* | Ko | 2 | .. | 5404m |
| 82 | *3318* | 4.9 | +12 58 | 9.0 | *10.1* | K2 | 1 | R | 37218i |
| 83 | 4550 | 4.9 | −19 28 | 10.5 | 10.1 | A2 | 3 | .. | 39378b |
| 84 | 11287 | 4.9 | −46 4 | 9.9 | 9.7 | A2 | 3 | .. | 17084b |
| 85 | 11288 | 4.9 | −46 25 | 9.7 | 9.8 | G5 | 3 | .. | 17084b |
| 86 | 11499 | 4.9 | −48 4 | 10.3 | 10.0 | Ao | 1 | .. | 17084b |
| 87 | 11498 | 4.9 | −48 58 | 11.6 | 9.5 | Ao | 2 | .. | 17084b |
| 88 | 7947 | 4.9 | −55 29 | *9.1* | 9.4 | Fo | 2 | .. | 39301b |
| 89 | 6726 | 4.9 | −60 44 | 9.2 | 9.6 | F8 | 2 | .. | 39370b |
| 90 | 5500 | 4.9 | −62 37 | *7.3* | 7.3 | B8 | 7 | .. | 13775b |
| 91 | 3608 | 4.9 | −64 48 | *9.0* | 9.6 | Go | 3 | .. | 39370b |
| 92 | 3108 | 5.0 | +16 7 | 10.5 | *11.5* | Ko | 1 | .. | 5404m |
| 93 | 3153 | 5.0 | +10 10 | 7.02 | *7.44* | F5 | 7 | .. | 37218i |
| 94 | 3254 | 5.0 | + 2 50 | 8.9 | *10.1* | K5 | 2 | R | 39408b |
| 95 | 3234 | 5.0 | − 0 37 | 7.9 | *7.9* | Ao | 6 | 0,5 | 37767i |
| 96 | 3299 | 5.0 | − 1 9 | 9.3 | *9.9* | Go | 3 | .. | 39399b |
| 97 | 4239 | 5.0 | − 4 42 | 9.2 | *9.2* | Ao | 1 | .. | 39399b |
| 98 | 4431 | 5.0 | −16 15 | 9.5 | *10.0* | F8 | 2 | .. | 39378b |
| 99 | 4438 | 5.0 | −18 59 | 9.9 | *11.1* | K5 | 1 | .. | 39378b |
| 100 | 13187 | 5.0 | −23 25 | 10.4 | 9.8 | A2 | 2 | .. | 40627b |



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1922AnHar..97....1C



## 155200 — $17^h\ 5^m.0$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11306 | 5.0 | −36 42 | 11.4 | 9.8 | Ao | 2 | .. | 17037b |
| 2 | 11626 | 5.0 | −38 2 | 9.6 | 9.8 | A2 | 6 | .. | 17037b |
| 3 | 11485 | 5.0 | −43 6 | 3.44 | *3.78* | F2 | .. | R | **28**,212 |
| 4 | 11500 | 5.0 | −48 57 | 8.3 | 8.0 | B5 | 8 | .. | 17084b |
| 5 | 7948 | 5.0 | −55 16 | 8.8 | 9.1 | Ko | 2 | .. | 39301b |
| 6 | 5501 | 5.0 | −62 43 | *8.3* | 8.8 | F8 | 4 | .. | 39370b |
| 7 | 1735 | 5.1 | +60 46 | 8.03 | *9.03* | Ko | 3 | .. | 37802i |
| 8 | 2659 | 5.1 | +44 18 | 8.0 | *9.1* | K2 | 3 | .. | 38773i |
| 9 | 3085 | 5.1 | +22 36 | 8.7 | *9.8* | K2 | 1 | .. | 38775i |
| 10 | 3109 | 5.1 | +16 12 | 10.5 | *11.0* | F8 | 1 | .. | 5404m |
| 11 | 3338 | 5.1 | + 5 2 | 8.31 | *9.09* | G5 | 3 | .. | 37767i |
| 12 | 4447 | 5.1 | −10 45 | 8.7 | *9.1* | F5 | 7 | .. | 40585b |
| 13 | 4678 | 5.1 | −12 34 | 6.67 | *6.75* | A3 | 6 | .. | 8391b |
| 14 | 4469 | 5.1 | −15 18 | 9.2 | *9.2* | Ao | 2 | .. | 16852b |
| 15 | 4432 | 5.1 | −16 5 | 9.9 | *10.5* | Go | 3 | .. | 39378b |
| 16 | 12901 | 5.1 | −28 43 | 10.2 | 9.9 | F8 | 2 | .. | 17036b |
| 17 | 12434 | 5.1 | −32 6 | 8.7 | 8.6 | B5 | 6 | .. | 40431b |
| 18 | 11390 | 5.1 | −35 33 | 9.1 | 9.7 | Ao | 2 | .. | 40431b |
| 19 | 11361 | 5.1 | −37 24 | 9.6 | 9.4 | F8 | 4 | .. | 17037b |
| 20 | 11350 | 5.1 | −41 38 | 10.0 | 9.8 | Ao | 1 | R | 19751b |
| 21 | 11488 | 5.1 | −43 22 | 8.7 | 9.1 | G5 | 6 | .. | 17084b |
| 22 | 7021 | 5.1 | −58 15 | *9.4* | 10.4 | Ko | 1 | .. | 39301b |
| 23 | 6923 | 5.1 | −59 11 | 9.2 | 9.9 | Ko | 1 | .. | 39301b |
| 24 | .. | 5.1 | −61 18 | .. | .. | Ko | 1 | .. | 39370b |
| 25 | 5502 | 5.1 | −62 56 | *8.5* | 8.8 | Fo | 3 | .. | 13775b |
| 26 | 3610 | 5.1 | −64 6 | *8.9* | 10.1 | K5 | 2 | .. | 39370b |
| 27 | 2835 | 5.2 | +33 26 | 7.60 | *7.60* | Ao | 7 | .. | 38779i |
| 28 | 3086 | 5.2 | +22 13 | 6.91 | *7.33* | F5 | 5 | .. | 37805i |
| 29 | 3339 | 5.2 | + 5 30 | 7.9 | *8.2* | Fo | 4 | .. | 37767i |
| 30 | 3256 | 5.2 | + 2 37 | 9.1 | *9.7* | Go | 2 | .. | 39408b |
| 31 | 3649 | 5.2 | + 0 37 | 6.85 | *7.63* | G5 | 6 | .. | 37767i |
| 32 | *4737* | 5.2 | −18 2 | 10.3 | *10.3* | Ao | 3 | .. | 39378b |
| 33 | 4659 | 5.2 | −20 32 | 7.07 | 7.8 | Ko | 8 | .. | 40627b |
| 34 | 4660 | 5.2 | −20 43 | 8.0 | 8.9 | Ko | 5 | .. | 40627b |
| 35 | 13185 | 5.2 | −24 54 | 8.22 | 8.7 | F5 | 5 | .. | 17036b |
| 36 | 11925 | 5.2 | −42 34 | 9.0 | 10.1 | Ko | 2 | .. | 19751b |
| 37 | *11926* | 5.2 | −43 0 | 9.5 | 8.3 | A2 | 3 | .. | 17084b |
| 38 | 11505 | 5.2 | −48 56 | 9.5 | 9.7 | Ko | 1 | .. | 17084b |
| 39 | 11239 | 5.2 | −49 6 | 10.6 | 9.4 | B8 | 3 | .. | 17084b |
| 40 | 8461 | 5.2 | −53 33 | 9.1 | 8.6 | B8 | 4 | .. | 19895b |
| 41 | 7952 | 5.2 | −55 13 | 9.2 | 9.1 | Fo | 3 | .. | 39301b |
| 42 | 5852 | 5.2 | −61 2 | 9.0 | 9.3 | A2 | 4 | .. | 39370b |
| 43 | 4075 | 5.2 | −63 45 | *7.9* | 9.0 | K2 | 3 | .. | 13775b |
| 44 | 3074 | 5.2 | −66 25 | *9.2* | 9.3 | A5 | 2 | .. | 39370b |
| 45 | 1129 | 5.2 | −78 57 | 7.7 | 7.8 | A5 | 7 | .. | 43458b |
| 46 | 580 | 5.3 | +78 16 | 7.24 | *8.31* | K2 | 3 | .. | 37240i |
| 47 | 642 | 5.3 | +77 45 | 8.0 | *8.5* | F8 | 2 | .. | 37240i |
| 48 | 3120 | 5.3 | +15 40 | 10.5 | *11.5* | Ko | 1 | .. | 5404m |
| 49 | 4434 | 5.3 | −16 31 | 7.41 | *8.41* | Ko | 6 | .. | 16852b |
| 50 | 4538 | 5.3 | −21 6 | 10.1 | 10.9 | K5 | 1 | .. | 40627b |
| 51 | 4539 | 5.3 | −21 15 | 8.76 | 9.8 | Ko | 3 | .. | 40627b |
| 52 | 12009 | 5.3 | −25 12 | 9.26 | 9.3 | F8 | 2 | .. | 17036b |
| 53 | 13276 | 5.3 | −29 16 | 9.7 | 10.0 | A2 | 2 | .. | 17036b |
| 54 | 13679 | 5.3 | −31 50 | 11.2 | 10.6 | A2 | 1 | .. | 40431b |
| 55 | 11807 | 5.3 | −33 35 | 10.9 | 10.3 | B9 | 2 | .. | 40431b |
| 56 | 11808 | 5.3 | −33 46 | 10.7 | 10.3 | Ao | 2 | .. | 40431b |
| 57 | 11309 | 5.3 | −36 18 | 9.4 | 9.7 | A2 | 4 | .. | 17037b |
| 58 | 11365 | 5.3 | −37 33 | 10.0 | 9.7 | Ao | 4 | .. | 17037b |
| 59 | 11182 | 5.3 | −39 23 | 5.65 | 6.2 | Ao | .. | R | **56**,139 |
| 60 | 11507 | 5.3 | −48 45 | 9.0 | 8.9 | Ao | 4 | .. | 19895b |
| 61 | *7022* | 5.3 | −59 2 | *9.5* | 9.6 | A2 | 3 | .. | 39301b |
| 62 | 908 | 5.4 | +70 25 | 8.04 | *8.46* | F5 | 3 | .. | 38095i |
| 63 | 3314 | 5.4 | +18 2 | 8.3 | *9.5* | K5 | 1 | .. | 38775i |
| 64 | 3332 | 5.4 | + 9 44 | 9.1 | *10.2* | K2 | 1 | .. | 18982b |
| 65 | 4473 | 5.4 | −15 6 | 8.91 | *9.25* | F2 | 3 | .. | 16852b |
| 66 | 4472 | 5.4 | −15 32 | 9.3 | *9.3* | Ao | 3 | R | 16852b |
| 67 | 4738 | 5.4 | −17 36 | 9.5 | *10.6* | K2 | 1 | .. | 39378b |
| 68 | 4439 | 5.4 | −18 45 | 9.9 | *10.4* | F8 | 2 | .. | 39378b |
| 69 | 4540 | 5.4 | −21 46 | 8.80 | 8.9 | Ao | 5 | .. | 40627b |
| 70 | 11981 | 5.4 | −26 35 | 7.9 | 8.1 | F8 | 5 | .. | 17036b |
| 71 | 13680 | 5.4 | −31 37 | 8.7 | 10.2 | Ko | 1 | .. | 40431b |
| 72 | 13682 | 5.4 | −31 41 | 9.0 | 9.4 | B9 | 4 | .. | 40431b |
| 73 | 11810 | 5.4 | −33 29 | 9.4 | 8.8 | B8 | 6 | .. | 40431b |
| 74 | 11548 | 5.4 | −34 53 | 9.43 | 10.0 | B8 | 2 | .. | 40431b |
| 75 | 11633 | 5.4 | −38 17 | 8.0 | 10.1 | K5 | 5 | .. | 17037b |
| 76 | 11632 | 5.4 | −38 42 | 6.45 | 7.0 | Ko | .. | 0,9 | **56**,139 |
| 77 | 11223 | 5.4 | −40 13 | 10.4 | 10.7 | A | 1 | .. | 17037b |
| 78 | 11489 | 5.4 | −43 18 | 8.7 | 9.7 | Ko | 4 | .. | 17084b |
| 79 | *11490* | 5.4 | −44 0 | 10.6 | 10.2 | F8 | 1 | .. | 17084b |
| 80 | 11292 | 5.4 | −46 19 | 9.5 | 9.1 | B3 | 5 | .. | 17084b |
| 81 | 11508 | 5.4 | −48 12 | 10.3 | 9.9 | A2 | 2 | .. | 17084b |
| 82 | 11244 | 5.4 | −49 7 | 9.3 | 8.9 | F8 | 3 | .. | 19895b |
| 83 | 10746 | 5.4 | −51 41 | 9.5 | 9.2 | A3 | 3 | .. | 19895b |
| 84 | 10513 | 5.4 | −52 59 | *8.1* | 8.9 | G5 | 3 | .. | 19895b |
| 85 | 266 | 5.4 | −87 11 | 8.12 | 10.0 | K5 | 5 | .. | 22980b |
| 86 | 3058 | 5.5 | +23 41 | 8.0 | *8.4* | F5 | 3 | .. | 37805i |
| 87 | 3110 | 5.5 | +16 19 | 10.5 | *11.6* | K2 | 1 | .. | 5404m |
| 88 | 3115 | 5.5 | +11 51 | 8.9 | *9.3* | F5 | 2 | .. | 37218i |
| 89 | 3396 | 5.5 | + 1 54 | 9.1 | *10.2* | K2 | 2 | .. | 39408b |
| 90 | 4440 | 5.5 | −18 28 | 9.5 | *10.1* | Go | 3 | .. | 39378b |
| 91 | 4661 | 5.5 | −20 18 | 7.43 | 7.8 | Ao | 9 | .. | 40627b |
| 92 | *4541* | 5.5 | −22 3 | 9.3 | 10.4 | K2 | 1 | .. | 40627b |
| 93 | 13898 | 5.5 | −30 18 | 9.2 | 9.1 | F5 | 4 | .. | 40431b |
| 94 | *11313* | 5.5 | −37 0 | 10.7 | 10.3 | A2 | 1 | .. | 17037b |
| 95 | 11185 | 5.5 | −39 8 | 8.7 | 10.1 | G5 | 3 | .. | 17037b |
| 96 | 11330 | 5.5 | −47 6 | 11.0 | 9.8 | Ao | 2 | .. | 17084b |
| 97 | 10749 | 5.5 | −51 42 | 9.5 | 9.4 | A5 | 2 | .. | 19895b |
| 98 | 8467 | 5.5 | −53 20 | 8.3 | 7.3 | B8 | 8 | .. | 19895b |
| 99 | 8091 | 5.5 | −56 41 | 7.3 | 7.1 | F5 | 4 | .. | 36326b |
| 100 | *8093* | 5.5 | −57 2 | *9.4* | 9.5 | A2 | 2 | .. | 39301b |



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1922AnHar..97....1C



## 155300 — $17^h\ 5^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 6727 | 5.5 | −60 26 | 9.2 | 9.9 | Ao | 3 | 0,3 | 39301b |
| 2 | 3414 | 5.5 | −65 39 | *9.5* | 9.6 | A2 | 2 | .. | 39370b |
| 3 | 2905 | 5.5 | −68 12 | *9.0* | 9.1 | A5 | 3 | .. | 42525b |
| 4 | 11168 | 5.6 | +65 4 | 8.15 | *8.93* | G5 | 2 | .. | 38536i |
| 5 | 1698 | 5.6 | +58 23 | 7.29 | *8.29* | Ko | 6 | .. | 37802i |
| 6 | 3320 | 5.6 | +13 6 | 9.0 | *9.4* | F5 | 5 | 5,2 | 5404m |
| 7 | 4412 | 5.6 | − 5 25 | 8.6 | *8.6* | Ao | 5 | .. | 14191b |
| 8 | 4474 | 5.6 | −15 30 | 9.3 | *9.7* | F5 | 2 | .. | 16852b |
| 9 | 4296 | 5.6 | −22 12 | 9.2 | 9.8 | Ko | 2 | .. | 40627b |
| 10 | 13281 | 5.6 | −29 21 | 9.2 | 9.5 | G5 | 3 | .. | 17036b |
| 11 | 13280 | 5.6 | −29 34 | 9.7 | 9.5 | Ao | 3 | .. | 17036b |
| 12 | 11815 | 5.6 | −33 29 | 11.4 | 10.2 | Ao | 2 | .. | 40431b |
| 13 | 11816 | 5.6 | −33 49 | 10.9 | 10.2 | Ao | 2 | .. | 40431b |
| 14 | 11491 | 5.6 | −43 38 | 8.6 | 10.0 | K5 | 2 | .. | 17084b |
| 15 | 8374 | 5.6 | −57 9 | *9.5* | 9.5 | Ao | 2 | .. | 39301b |
| 16 | 2936 | 5.7 | +30 50 | 8.6 | *8.7* | A2 | 2 | .. | 38499i |
| 17 | 4436 | 5.7 | −16 22 | 7.47 | *7.55* | A3 | 8 | .. | 16852b |
| 18 | 4441 | 5.7 | −18 13 | 8.6 | *9.4* | G5 | 5 | .. | 40619b |
| 19 | 13904 | 5.7 | −30 39 | 8.5 | 10.4 | K5 | 2 | .. | 40431b |
| 20 | 11554 | 5.7 | −34 15 | 8.4 | 8.5 | B5 | 6 | .. | 40431b |
| 21 | *11317* | 5.7 | −37 1 | 9.6 | 9.4 | B9 | 3 | .. | 17037b |
| 22 | 11332 | 5.7 | −47 5 | 11.6 | 10.2 | A2 | 1 | .. | 17084 |
| 23 | 8470 | 5.7 | −53 28 | 9.0 | 8.5 | Ao | 5 | .. | 19895b |
| 24 | 7023 | 5.7 | −58 29 | *9.4* | 10.4 | Ko | 1 | .. | 39301b |
| 25 | 3611 | 5.7 | −64 3 | *8.7* | 8.8 | A5 | 2 | .. | 13775b |
| 26 | 459 | 5.7 | −85 57 | *10.4* | 10.4 | Ao | 3 | 0,1 | 22578b |
| 27 | 698 | 5.8 | +74 2 | 8.1 | *9.2* | K2 | 1 | .. | 38095i |
| 28 | *2178* | 5.8 | +50 58 | 6.28 | *6.26* | B9 | 8 | 1,9 | 37609i |
| 29 | 2939 | 5.8 | +30 28 | 8.1 | *8.9* | G5 | 2 | .. | 38499i |
| 30 | 3340 | 5.8 | + 5 30 | 8.9 | *9.0* | A5 | 2 | .. | 37767i |
| 31 | 3300 | 5.8 | − 1 33 | 10.5 | *11.5* | Ko | 1 | .. | 39399b |
| 32 | 4510 | 5.8 | − 9 59 | 9.16 | *9.94* | G5 | 2 | .. | 14191b |
| 33 | 4562 | 5.8 | −13 5 | 9.0 | *10.0* | Ko | 2 | .. | 40585b |
| 34 | 12017 | 5.8 | −25 33 | 8.1 | 7.9 | Ao | 8 | .. | 17036b |
| 35 | 12445 | 5.8 | −32 24 | 10.7 | 10.4 | Ao | 1 | .. | 40431b |
| 36 | 12444 | 5.8 | −32 58 | 10.0 | 9.7 | B2 | 3 | R | 40431b |
| 37 | R | 5.8 | −33 22 | *10.0* | 10.0 | B9 | 2 | .. | 40431b |
| 38 | 11820 | 5.8 | −33 36 | 10.7 | 10.6 | Ma | .. | .. | M |
| 39 | 11365 | 5.8 | −41 38 | 9.4 | 9.8 | F8 | 2 | .. | 19751b |
| 40 | 10755 | 5.8 | −51 46 | 9.3 | 8.9 | A2 | 5 | .. | 19895b |
| 41 | 8098 | 5.8 | −56 46 | 6.05 | 7.6 | K5 | 5 | .. | 36326b |
| 42 | 3612 | 5.8 | −64 50 | *9.5* | 9.6 | A2 | 2 | .. | 39370b |
| 43 | 1912 | 5.9 | +55 53 | 6.92 | *7.92* | Ko | 5 | .. | 37802i |
| 44 | 2963 | 5.9 | +26 34 | 7.00 | *8.00* | Ko | 5 | .. | 37805i |
| 45 | 3092 | 5.9 | +22 32 | 8.3 | *9.5* | K5 | 1 | .. | 38775i |
| 46 | 3111 | 5.9 | +16 23 | 10.1 | *10.5* | F5 | 3 | .. | 5404m |
| 47 | 3361 | 5.9 | + 3 10 | 8.5 | *9.5* | Ko | 3 | .. | 39408b |
| 48 | 13906 | 5.9 | −30 22 | 8.9 | 9.1 | A5 | 4 | .. | 40431b |
| 49 | *13694* | 5.9 | −32 2 | 9.2 | 9.4 | B8 | 3 | .. | 40431b |
| 50 | 11823 | 5.9 | −33 18 | 10.2 | 9.4 | B8 | 4 | .. | 40431b |
| 51 | 11367 | 5.9 | −41 17 | 10.2 | 10.1 | Ao | 1 | .. | 19751b |
| 52 | 11933 | 5.9 | −42 31 | 8.6 | 7.8 | B5 | 6 | .. | 19751b |
| 53 | 11336 | 5.9 | −47 45 | 11.0 | 10.0 | Ao | 2 | .. | 17084b |
| 54 | 11516 | 5.9 | −48 19 | 8.4 | 8.5 | B8 | 7 | .. | 17084b |
| 55 | 1813 | 5.9 | −73 47 | *7.9* | 7.9 | Ao | 4 | .. | 20270b |
| 56 | 1949 | 6.0 | +56 17 | 8.2 | *8.6* | F5 | 5 | .. | 37802i |
| 57 | 2435 | 6.0 | +47 46 | 8.1 | *8.2* | A3 | 5 | .. | 37609i |
| 58 | 2840 | 6.0 | +33 29 | 7.54 | *8.10* | Go | 6 | .. | 38779i |
| 59 | 3113 | 6.0 | +16 13 | 9.8 | *10.6* | G5 | 2 | .. | 5404m |
| 60 | 3397 | 6.0 | + 1 41 | 9.0 | *10.1* | K2 | 2 | .. | 39408b |
| 61 | 4565 | 6.0 | − 6 31 | 8.8 | *9.8* | Ko | 2 | .. | 14191b |
| 62 | 4512 | 6.0 | − 9 49 | 8.4 | *9.4* | Ko | 3 | .. | 14191b |
| 63 | 11990 | 6.0 | −26 55 | 6.84 | 7.7 | G5 | 9 | .. | 17036b |
| 64 | 11379 | 6.0 | −37 20 | 8.7 | 8.2 | Ao | 7 | .. | 17037b |
| 65 | 11338 | 6.0 | −47 8 | 8.6 | 9.7 | K5 | 3 | .. | 17084b |
| 66 | 11247 | 6.0 | −49 46 | 9.5 | 9.1 | A3 | 3 | .. | 19895b |
| 67 | 6924 | 6.0 | −59 9 | 9.0 | 9.6 | F5 | 3 | .. | 39301b |
| 68 | 5853 | 6.0 | −61 26 | *10.1* | 10.2 | A2 | 2 | .. | 39370b |
| 69 | 1814 | 6.0 | −73 3 | *8.6* | 9.4 | G5 | 3 | 0,2 | 21336b |
| 70 | 2267 | 6.1 | +46 37 | 8.2 | *9.0* | G5 | 1 | .. | 38566i |
| 71 | 2842 | 6.1 | +33 53 | 8.3 | *8.4* | A3 | 2 | .. | 38779i |
| 72 | 3121 | 6.1 | +15 50 | 10.5 | *10.8* | F2 | 1 | .. | 5404m |
| 73 | 3198 | 6.1 | +14 32 | 9.1 | *9.9* | G5 | 2 | .. | 5404m |
| 74 | 3321 | 6.1 | +13 32 | 8.5 | *8.9* | F5 | 8 | 3,3 | 5404m |
| 75 | 3161 | 6.1 | +12 35 | 6.46 | *6.46* | Ao | 10 | .. | 37218i |
| 76 | 4449 | 6.1 | −10 31 | 8.9 | *9.3* | F5 | 7 | .. | 40585b |
| 77 | 4443 | 6.1 | −18 21 | 10.8 | *10.9* | A2 | 1 | .. | 39378b |
| 78 | 4543 | 6.1 | −21 40 | 8.8 | 8.9 | Go | 5 | .. | 40627b |
| 79 | 12018 | 6.1 | −25 8 | 6.32 | 6.9 | Ao | 6 | .. | 43292b |
| 80 | 12019 | 6.1 | −25 32 | 9.0 | 9.3 | G5 | 3 | .. | 17036b |
| 81 | 13286 | 6.1 | −29 27 | 10.0 | 9.7 | A5 | 1 | .. | 17036b |
| 82 | 13908 | 6.1 | −30 56 | 8.7 | 9.1 | A2 | 4 | .. | 40431b |
| 83 | 12451 | 6.1 | −32 41 | 10.0 | 10.4 | Ko | 1 | R | 40431b |
| 84 | 12453 | 6.1 | −32 49 | 8.5 | 9.1 | G5 | 5 | .. | 40431b |
| 85 | 11826 | 6.1 | −33 8 | 10.0 | 9.4 | B8 | 4 | .. | 40431b |
| 86 | 11825 | 6.1 | −33 48 | 9.0 | 9.7 | Ko | 4 | .. | 40431b |
| 87 | 11556 | 6.1 | −34 9 | 10.4 | 10.3 | Ao | 1 | .. | 40431b |
| 88 | 11645 | 6.1 | −38 32 | 10.4 | 11.2 | G5 | 1 | .. | 17037b |
| 89 | 11340 | 6.1 | −47 12 | 7.5 | 7.8 | Ao | 6 | .. | 4940b |
| 90 | 10519 | 6.1 | −52 9 | *9.0* | 9.5 | F8 | 2 | .. | 19895b |
| 91 | 10520 | 6.1 | −52 29 | *9.3* | 9.4 | A2 | 3 | .. | 19895b |
| 92 | 267 | 6.1 | −87 18 | 7.72 | 9.4 | K2 | 7 | .. | 22980b |
| 93 | 2268 | 6.2 | +46 54 | 8.2 | *9.4* | K5 | 1 | .. | 38566i |
| 94 | 2891 | 6.2 | +38 25 | 7.8 | *8.2* | F5 | 6 | .. | 38773i |
| 95 | 3059 | 6.2 | +21 26 | 7.9 | *8.3* | F5 | 6 | .. | 38775i |
| 96 | 3115 | 6.2 | +16 40 | 10.1 | *10.6* | F8 | 3 | .. | 5404m |
| 97 | 3199 | 6.2 | +14 5 | 9.1 | *9.4* | Fo | 4 | .. | 5404m |
| 98 | 3360 | 6.2 | + 6 1 | 9.8 | *10.6* | G5 | 1 | .. | 18982b |
| 99 | 3301 | 6.2 | − 1 20 | 9.8 | *10.8* | Ko | 1 | .. | 39399b |
| 100 | 4394 | 6.2 | − 8 42 | 8.4 | *9.0* | Go | 2 | .. | 14191b |



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## 155400 — $17^h\ 6^m.2$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11516 | 6.2 | −27 38 | 6.10 | 6.0 | B9 | 7 | .. | 43292b |
| 2 | 11830 | 6.2 | −33 14 | 8.7 | 7.1 | B5 | 7 | .. | 40431b |
| 3 | 11828 | 6.2 | −33 33 | 8.7 | 7.9 | B3 | 6 | .. | 40431b |
| 4 | 11380 | 6.2 | −37 41 | 9.1 | 9.4 | Ko | 3 | .. | 17037b |
| 5 | 11647 | 6.2 | −38 39 | 9.4 | 9.5 | B9 | 5 | .. | 17037b |
| 6 | 11498 | 6.2 | −43 19 | 9.1 | 10.0 | K5 | 2 | .. | 17084b |
| 7 | 11294 | 6.2 | −45 20 | 9.1 | 9.7 | B2 | 2 | .. | 17084b |
| 8 | 11342 | 6.2 | −47 50 | 8.3 | 9.1 | G5 | 6 | .. | 17084b |
| 9 | 7965 | 6.2 | −55 53 | 8.6 | 7.3 | B5 | 4 | 2,6 | 36326b |
| 10 | 3109 | 6.3 | +40 54 | 5.12 | *6.12* | Ko | 9 | .. | 38773i |
| 11 | 3122 | 6.3 | +11 43 | 8.4 | *9.2* | G5 | 1 | .. | 37218i |
| 12 | 3650 | 6.3 | + 0 49 | 10.5 | *10.9* | F5 | 1 | .. | 39408b |
| 13 | 4565 | 6.3 | −14 30 | 7.26 | *7.82* | Go | 7 | .. | 16852b |
| 14 | 4299 | 6.3 | −22 48 | 7.8 | 7.9 | A3 | 7 | .. | 40627b |
| 15 | 12024 | 6.3 | −25 6 | 7.75 | 8.8 | F5 | 4 | .. | 40627b |
| 16 | 11383 | 6.3 | −37 50 | 6.70 | 7.0 | B8 | 10 | .. | 17037b |
| 17 | 11095 | 6.3 | −50 27 | 8.4 | 8.5 | A5 | 6 | .. | 19895b |
| 18 | 10761 | 6.3 | −51 59 | 9.7 | 9.2 | B5 | 4 | .. | 19895b |
| 19 | 2050 | 6.3 | −72 34 | *8.7* | 9.3 | Go | 2 | 2,2 | 21336b |
| 20 | 1860 | 6.4 | +54 22 | 8.8 | *9.8* | Ko | 2 | .. | 37802i |
| 21 | 3122 | 6.4 | +15 2 | 8.39 | *8.81* | F5 | 3 | 3,2- | 37218i |
| 22 | 3123 | 6.4 | +11 2 | 8.7 | *8.7* | Ao | 5 | .. | 18982b |
| 23 | 3349 | 6.4 | + 4 48 | 6.79 | *7.29* | F8 | 7 | .. | 37767i |
| 24 | 4243 | 6.4 | − 4 32 | 7.68 | *7.74* | A2 | 7 | .. | 14191b |
| 25 | 4315 | 6.4 | −11 31 | 9.5 | *10.6* | K2 | 1 | .. | 40585b |
| 26 | 4480 | 6.4 | −15 42 | 9.5 | *10.6* | K2 | 1 | .. | 39378b |
| 27 | 4742 | 6.4 | −17 8 | 7.8 | *7.8* | Ao | 8 | .. | 16852b |
| 28 | 4444 | 6.4 | −18 48 | 9.5 | *10.3* | G5 | 2 | .. | 39378b |
| 29 | 4665 | 6.4 | −20 53 | 9.9 | 9.8 | Go | 2 | .. | 40627b |
| 30 | 12025 | 6.4 | −25 9 | 8.85 | 9.0 | Fo | 3 | .. | 40627b |
| 31 | 11994 | 6.4 | −26 54 | 8.3 | 9.9 | K5 | 1 | .. | 17036b |
| 32 | 12921 | 6.4 | −28 58 | 8.9 | 10.4 | K5 | 1 | .. | 17036b |
| 33 | 11331 | 6.4 | −36 44 | 10.4 | 10.3 | Ao | 1 | .. | 17037b |
| 34 | 11385 | 6.4 | −37 7 | 9.4 | 9.7 | Ao | 3 | .. | 17037b |
| 35 | 11649 | 6.4 | −38 57 | 9.4 | 11.2 | K5 | 1 | .. | 17037b |
| 36 | 11526 | 6.4 | −44 37 | 9.0 | 9.5 | B5 | 2 | .. | 17084b |
| 37 | 11517 | 6.4 | −48 55 | 10.6 | 9.5 | Ao | 3 | .. | 17084b |
| 38 | 8115 | 6.4 | −54 15 | 8.5 | 8.3 | B8 | 6 | .. | 39301b |
| 39 | 6729 | 6.4 | −60 26 | 9.1 | 10.4 | K2 | 2 | 0,1 | 39370b |
| 40 | 5505 | 6.4 | −62 32 | *8.1* | 8.1 | B8 | 4 | .. | 13775b |
| 41 | 3116 | 6.5 | +16 28 | 10.1 | *10.4* | F2 | 2 | .. | 5404m |
| 42 | 3123 | 6.5 | +15 32 | 10.1 | *10.4* | Fo | 2 | .. | 5404m |
| 43 | 3333 | 6.5 | + 9 38 | 9.8 | *10.2* | F5 | 1 | .. | 18982b |
| 44 | 3318 | 6.5 | + 7 18 | 8.6 | *9.0* | F5 | 2 | .. | 37767i |
| 45 | 3302 | 6.5 | − 1 20 | 9.8 | *11.0* | K5 | 1 | .. | 39399b |
| 46 | 4481 | 6.5 | −15 42 | 10.1 | *10.6* | F8 | 1 | .. | 39378b |
| 47 | *4668* | 6.5 | −21 2 | 10.1 | 10.1 | Go | 1 | .. | 40627b |
| 48 | 12461 | 6.5 | −32 7 | 9.4 | 8.8 | B9 | 4 | .. | 40431b |
| 49 | 12464 | 6.5 | −32 8 | 10.4 | 9.5 | B9 | 2 | .. | 40431b |
| 50 | 12460 | 6.5 | −32 19 | 6.00 | 5.9 | B3 | .. | 1,10 | 56,139 |
| 51 | 11837 | 6.5 | −33 43 | 10.7 | 10.0 | Go | 1 | .. | 40431b |
| 52 | 11651 | 6.5 | −38 41 | 10.9 | 10.4 | A2 | 3 | .. | 17037b |
| 53 | 1816 | 6.5 | −73 24 | *8.0* | 9.1 | K2 | 3 | .. | 20270b |
| 54 | 707 | 6.5 | −82 41 | 6.78 | 6.1 | B8 | 7 | .. | 43414b |
| 55 | 2951 | 6.6 | +29 18 | 8.3 | *9.7* | Ma | 2 | .. | 37805i |
| 56 | 3137 | 6.6 | +24 38 | 8.3 | *9.3* | Ko | 2 | .. | 37805i |
| 57 | 3651 | 6.6 | + 0 24 | 9.0 | *9.8* | G5 | 2 | .. | 39408b |
| 58 | 4072 | 6.6 | − 3 14 | 8.0 | *8.1* | A5 | 4 | .. | 41559b |
| 59 | *4743* | 6.6 | −18 1 | 9.0 | *9.0* | B8 | 3 | .. | 16852b |
| 60 | 4447 | 6.6 | −18 26 | 8.9 | *9.9* | Ko | 3 | .. | 40619b |
| 61 | 4558 | 6.6 | −19 40 | 9.9 | 10.4 | Ko | 2 | .. | 39378b |
| 62 | 13291 | 6.6 | −29 30 | 9.5 | 9.2 | Fo | 4 | .. | 40431b |
| 63 | 12467 | 6.6 | −32 29 | 7.8 | 8.2 | Fo | 6 | .. | 40431b |
| 64 | 11333 | 6.6 | −36 46 | 10.9 | 10.3 | Ao | 2 | .. | 17037b |
| 65 | 8391 | 6.6 | −57 42 | 8.4 | 7.3 | B9 | 3 | .. | 36326b |
| 66 | 3124 | 6.7 | +15 39 | 10.1 | *11.1* | Ko | 1 | .. | 5404m |
| 67 | 3239 | 6.7 | − 0 52 | 8.1 | *8.5* | F5 | 5 | 0,4 | 41559b |
| 68 | 4744 | 6.7 | −17 30 | 8.4 | *8.5* | A5 | 5 | .. | 16852b |
| 69 | 4544 | 6.7 | −21 30 | 6.85 | 7.8 | Fo | 9 | .. | 40627b |
| 70 | 12926 | 6.7 | −28 50 | 9.0 | 10.2 | K2 | 1 | .. | 17036b |
| 71 | 12928 | 6.7 | −28 54 | 9.2 | 9.9 | F2 | 2 | .. | 17036b |
| 72 | 11840 | 6.7 | −33 4 | 10.4 | 9.5 | Ao | 3 | .. | 40431b |
| 73 | 11842 | 6.7 | −33 51 | 10.2 | 10.6 | K2 | 2 | .. | 40431b |
| 74 | *11841* | 6.7 | −34 2 | 9.4 | 10.4 | Ko | 1 | .. | 40431b |
| 75 | 11389 | 6.7 | −37 31 | 9.4 | 8.8 | A2 | 4 | .. | 17037b |
| 76 | 11653 | 6.7 | −38 53 | 9.4 | 10.4 | Ao | 3 | .. | 17037b |
| 77 | 7026 | 6.7 | −58 18 | 9.0 | 9.7 | Ko | 1 | .. | 39301b |
| 78 | 6730 | 6.7 | −60 41 | 7.7 | 8.1 | A2 | 6 | .. | 13775b |
| 79 | 1326 | 6.8 | +63 35 | 7.76 | *8.18* | F5 | 4 | .. | 38536i |
| 80 | 2892 | 6.8 | +38 52 | 7.8 | *8.9* | K2 | 2 | .. | 38773i |
| 81 | 2772 | 6.8 | +27 11 | var. | var. | Md | .. | R | M |
| 82 | .. | 6.8 | +14 2 | .. | .. | G | 1 | .. | 5404m |
| 83 | *3322* | 6.8 | +12 59 | 9.3 | *9.7* | F5 | 3 | .. | 5404m |
| 84 | 3366 | 6.8 | + 8 44 | 8.7 | *9.7* | Ko | 3 | .. | 18982b |
| 85 | 3364 | 6.8 | + 6 32 | 8.7 | *9.5* | G5 | 2 | .. | 37767i |
| 86 | 3261 | 6.8 | + 2 51 | 8.9 | *9.5* | Go | 2 | .. | 37767i |
| 87 | 4316 | 6.8 | −11 30 | 9.0 | *9.6* | Go | 2 | .. | 40585b |
| 88 | 4482 | 6.8 | −15 30 | 9.3 | *9.8* | F8 | 4 | .. | 39378b |
| 89 | 4745 | 6.8 | −17 52 | 9.5 | *10.0* | F8 | 2 | .. | 39378b |
| 90 | 4450 | 6.8 | −18 26 | 9.5 | *9.6* | A2 | 4 | .. | 40619b |
| 91 | 12027 | 6.8 | −25 3 | 8.15 | 8.4 | A3 | 5 | .. | 17036b |
| 92 | 13921 | 6.8 | −30 53 | 9.2 | 9.5 | Ao | 3 | .. | 40431b |
| 93 | 11391 | 6.8 | −37 52 | 10.0 | 9.4 | Ao | 5 | .. | 17037b |
| 94 | 11301 | 6.8 | −45 13 | 8.26 | 8.5 | Ao | 8 | .. | 17084b |
| 95 | 11302 | 6.8 | −45 54 | 8.7 | 8.9 | Fo | 6 | .. | 17084b |
| 96 | 5506 | 6.8 | −62 30 | *10.0* | 10.8 | G5 | 1 | .. | 39370b |
| 97 | 1617 | 6.8 | −74 30 | *7.2* | 7.5 | Fo | 7 | .. | 42633b |
| 98 | 545 | 6.8 | −84 36 | *8.6* | 9.4 | G5 | 5 | .. | 43458b |
| 99 | 3118 | 6.9 | +16 29 | 10.1 | *10.5* | F5 | 2 | .. | 5404m |
| 100 | 3367 | 6.9 | + 8 1 | 6.39 | *7.39* | Ko | 7 | .. | 37767i |



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**155500** **17h 6m.9**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3365 | 6.9 | + 6 1 | 8.7 | *8.8* | A3 | 3 | .. | 37767i |
| 2 | 3262 | 6.9 | + 2 17 | 9.5 | *10.9* | Ma | 1 | .. | 39408b |
| 3 | *4568* | 6.9 | −15 3 | 7.90 | *7.88* | B9 | 7 | .. | 16852b |
| 4 | 4746 | 6.9 | −17 29 | 8.8 | *9.3* | F8 | 3 | .. | 16852b |
| 5 | 12028 | 6.9 | −25 26 | 10.4 | 9.6 | Ao | 3 | .. | 17036b |
| 6 | 11844 | 6.9 | −33 14 | 8.0 | 7.6 | B5 | 7 | .. | 40431b |
| 7 | 11393 | 6.9 | −37 46 | 9.4 | 9.2 | Go | 4 | .. | 17037b |
| 8 | 11380 | 6.9 | −41 34 | 7.8 | 7.8 | A5 | 8 | .. | 19751b |
| 9 | 11303 | 6.9 | −45 20 | 9.1 | 9.2 | B3 | 3 | .. | 17084b |
| 10 | *11307* | 6.9 | −47 1 | 9.5 | 9.1 | G5 | 4 | .. | 17084b |
| 11 | 11262 | 6.9 | −49 6 | 8.1 | 8.3 | Ao | 9 | .. | 17084b |
| 12 | 8107 | 6.9 | −56 58 | 8.3 | 9.4 | G5 | 2 | .. | 39301b |
| 13 | 1640 | 7.0 | +61 17 | 6.69 | *7.11* | F5 | 7 | .. | 37802i |
| 14 | 3140 | 7.0 | +24 21 | 6.19 | *6.27* | A3 | 9 | .. | 37805i |
| 15 | 4453 | 7.0 | −10 10 | 7.71 | *8.27* | Go | 8 | .. | 40585b |
| 16 | 4452 | 7.0 | −10 42 | 10.1 | *10.7* | Go | 2 | .. | 40585b |
| 17 | *12934* | 7.0 | −29 1 | 10.2 | 9.6 | Fo | 3 | .. | 17036b |
| 18 | 13923 | 7.0 | −30 25 | 10.2 | 10.0 | G5 | 2 | .. | 40431b |
| 19 | *12475* | 7.0 | −33 0 | 10.2 | 9.2 | B8 | 4 | .. | 40431b |
| 20 | *11341* | 7.0 | −37 0 | Neb. | Neb. | Pe | .. | R | 76,23 |
| 21 | 10527 | 7.0 | −52 11 | 8.9 | 9.1 | Go | 4 | .. | 19895b |
| 22 | 344 | 7.0 | −86 13 | *9.2* | 10.0 | G5 | 4 | .. | 22578b |
| 23 | 3110 | 7.1 | +40 49 | 7.8 | *9.2* | Mb | 3 | .. | 38773i |
| 24 | 2862 | 7.1 | +32 18 | 7.46 | *8.53* | K2 | 4 | .. | 38779i |
| 25 | 2977 | 7.1 | +31 18 | 7.53 | *8.53* | Ko | 3 | .. | 38499i |
| 26 | 3120 | 7.1 | +16 31 | 8.0 | *9.0* | Ko | 7 | 2,1 | 5404m |
| 27 | 3264 | 7.1 | + 2 16 | 9.1 | *10.3* | K5 | 1 | .. | 39408b |
| 28 | 4244 | 7.1 | − 4 17 | 9.0 | *9.0* | B9 | 2 | .. | 39399b |
| 29 | *4451* | 7.1 | −19 4 | 9.3 | 10.7 | K2 | 2 | .. | 39378b |
| 30 | 13220 | 7.1 | −23 54 | 10.9 | 10.4 | A | 1 | .. | 40627b |
| 31 | 12032 | 7.1 | −25 54 | 9.7 | 8.8 | A2 | 3 | .. | 17036b |
| 32 | *12030* | 7.1 | −26 1 | 11.2 | 9.9 | Go | 1 | .. | 17036b |
| 33 | 11521 | 7.1 | −27 52 | 10.2 | 9.3 | B8 | 2 | .. | 17036b |
| 34 | 12477 | 7.1 | −32 57 | 10.9 | 10.4 | Ao | 1 | .. | 40431b |
| 35 | 11395 | 7.1 | −37 41 | 9.4 | 8.9 | A2 | 4 | .. | 17037b |
| 36 | 11663 | 7.1 | −38 11 | 6.77 | 6.2 | F5 | 10 | .. | 17037b |
| 37 | 11385 | 7.1 | −41 46 | 10.0 | 9.8 | A2 | 2 | .. | 19751b |
| 38 | 11105 | 7.1 | −50 25 | 9.7 | 9.4 | Go | 2 | .. | 19895b |
| 39 | 6925 | 7.1 | −59 19 | 8.3 | 8.4 | Ao | 5 | .. | 13775b |
| 40 | 5854 | 7.1 | −61 4 | 9.2 | 10.2 | Ko | 2 | .. | 39370b |
| 41 | 2591 | 7.2 | +49 22 | 8.2 | *9.0* | G5 | 2 | .. | 38777i |
| 42 | 2502 | 7.2 | +45 9 | 8.8 | *9.3* | F8 | 2 | .. | 38566i |
| 43 | 3141 | 7.2 | +24 23 | 7.04 | *7.38* | F2 | 6 | .. | 37805i |
| 44 | 3322 | 7.2 | +18 4 | 8.4 | *9.4* | Ko | 1 | .. | 38455i |
| 45 | 3129 | 7.2 | +11 6 | 9.3 | *9.7* | F5 | 2 | .. | 18982b |
| 46 | 3241 | 7.2 | − 0 40 | 7.5 | *7.8* | Fo | 7 | 2,6 | 41559b |
| 47 | 4485 | 7.2 | −15 16 | 8.61 | *8.69* | A3 | 3 | .. | 16852b |
| 48 | 4443 | 7.2 | −16 24 | 8.4 | *8.5* | A5 | 3 | .. | 16852b |
| 49 | 12939 | 7.2 | −28 21 | 9.5 | 9.9 | Ao | 2 | .. | 17036b |
| 50 | 12479 | 7.2 | −32 44 | 9.0 | 7.7 | B9 | 6 | .. | 40431b |
| 51 | 11413 | 7.2 | −35 11 | 9.21 | 9.4 | F5 | 4 | 3,3 | 40431b |
| 52 | 11511 | 7.2 | −43 31 | 7.9 | 8.9 | Ko | 6 | .. | 17084b |
| 53 | 11350 | 7.2 | −47 18 | 10.6 | 10.2 | B9 | 2 | .. | 17084b |
| 54 | 11526 | 7.2 | −48 35 | 7.9 | 7.9 | F2 | 8 | .. | 17084b |
| 55 | 3080 | 7.2 | −66 50 | *6.7* | 7.5 | G5 | 6 | .. | 42525b |
| 56 | 1618 | 7.2 | −74 13 | *8.6* | 9.7 | K2 | 2 | .. | 20270b |
| 57 | 1245 | 7.2 | −77 5 | *8.4* | 9.6 | K5 | 4 | .. | 42633b |
| 58 | 1642 | 7.3 | +61 29 | 9.3 | *10.7* | Ma | .. | .. | M |
| 59 | *3111* | 7.3 | +39 58 | 7.42 | *7.84* | F5 | 5 | .. | 38773i |
| 60 | 3323 | 7.3 | +13 56 | 9.8 | *10.4* | G | 1 | .. | 5404m |
| 61 | 3364 | 7.3 | + 3 11 | 9.3 | *9.9* | Go | 3 | .. | 37767i |
| 62 | 3265 | 7.3 | + 2 48 | 9.0 | *9.6* | Go | 2 | .. | 37767i |
| 63 | 3266 | 7.3 | + 2 15 | 8.7 | *9.3* | Go | 3 | .. | 37767i |
| 64 | 3399 | 7.3 | + 1 33 | 9.8 | *10.2* | F5 | 1 | .. | 39408b |
| 65 | 4455 | 7.3 | −10 38 | 10.3 | *11.1* | G5 | 2 | .. | 40585b |
| 66 | 4685 | 7.3 | −12 40 | 9.0 | *9.5* | F8 | 3 | .. | 40585b |
| 67 | 4571 | 7.3 | −14 13 | 9.3 | *9.7* | F5 | 2 | .. | 40585b |
| 68 | 4444 | 7.3 | −16 50 | 9.9 | *11.0* | K2 | 2 | .. | 39378b |
| 69 | 11848 | 7.3 | −33 16 | 9.84 | 10.0 | Ao | 2 | .. | 40431b |
| 70 | 11309 | 7.3 | −45 21 | 8.5 | 8.9 | F8 | 5 | .. | 17084b |
| 71 | 11352 | 7.3 | −47 48 | 8.3 | 9.7 | K5 | 3 | .. | 17084b |
| 72 | 11107 | 7.3 | −50 15 | 9.9 | 9.4 | A2 | 2 | .. | 19895b |
| 73 | 8130 | 7.3 | −54 45 | *9.3* | 9.4 | A5 | 2 | .. | 39301b |
| 74 | 8394 | 7.3 | −57 24 | *9.3* | 9.4 | A5 | 2 | .. | 39301b |
| 75 | 7027 | 7.3 | −58 9 | 9.0 | 9.1 | Fo | 3 | .. | 39301b |
| 76 | 6734 | 7.3 | −60 57 | 9.0 | 9.3 | Fo | 4 | .. | 39370b |
| 77 | 3081 | 7.3 | −66 14 | *8.6* | 9.6 | Ko | 3 | .. | 39370b |
| 78 | 1130 | 7.3 | −78 37 | *9.1* | 9.5 | F5 | 4 | .. | 19008b |
| 79 | 2979 | 7.4 | +31 5 | 8.2 | *8.8* | Go | 2 | .. | 38499i |
| 80 | 2952 | 7.4 | +29 43 | 8.8 | *8.9* | A2 | 3 | .. | 37805i |
| 81 | 3201 | 7.4 | +14 38 | 7.39 | *8.57* | K5 | 7 | 0,2 | 5404m |
| 82 | 3366 | 7.4 | + 6 43 | 9.3 | *10.1* | G5 | 1 | .. | 37767i |
| 83 | 4572 | 7.4 | −14 43 | 9.5 | *10.9* | Mb | .. | .. | M |
| 84 | 4748 | 7.4 | −17 24 | 10.3 | *10.8* | F8 | 2 | .. | 39378b |
| 85 | 4676 | 7.4 | −20 28 | 8.8 | 9.2 | Fo | 4 | .. | 40627b |
| 86 | 13225 | 7.4 | −23 45 | 8.7 | 9.2 | Ao | 4 | .. | 40627b |
| 87 | 11401 | 7.4 | −37 31 | 8.7 | 8.8 | B9 | 5 | .. | 17037b |
| 88 | 11354 | 7.4 | −47 17 | 9.0 | 9.4 | G5 | 4 | .. | 17084b |
| 89 | 11527 | 7.4 | −48 27 | 8.0 | 8.9 | Ko | 6 | .. | 17084b |
| 90 | 11528 | 7.4 | −48 54 | 11.0 | 10.0 | A3 | 2 | .. | 17084b |
| 91 | 2847 | 7.5 | +33 22 | 8.7 | *8.8* | A2 | 3 | .. | 38779i |
| 92 | 3339 | 7.5 | + 9 53 | 8.62 | *8.90* | Fo | 6 | .. | 18982b |
| 93 | 3367 | 7.5 | + 6 52 | 8.6 | *8.6* | Ao | 4 | .. | 37767i |
| 94 | 3344 | 7.5 | + 5 56 | 10.5 | *10.8* | Fo | 1 | .. | 18982b |
| 95 | 4074 | 7.5 | − 3 56 | 8.4 | *8.7* | F2 | 5 | .. | 14191b |
| 96 | 4245 | 7.5 | − 4 4 | 9.2 | *9.3* | A2 | 2 | .. | 14191b |
| 97 | 4456 | 7.5 | −10 34 | 8.8 | *9.8* | Ko | 6 | .. | 40585b |
| 98 | 4454 | 7.5 | −18 38 | 9.3 | *9.9* | Go | 1 | .. | 16852b |
| 99 | *4677* | 7.5 | −21 3 | 9.5 | 10.4 | G5 | 1 | .. | 40627b |
| 100 | 12485 | 7.5 | −32 7 | 8.0 | 7.9 | B8 | 6 | .. | 40431b |



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## 155600 — $17^h\,7^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11852 | 7.5 | −33 4 | 9.4 | 9.2 | F5 | 4 | .. | 40431b |
| 2 | 11669 | 7.5 | −38 24 | 8.5 | 10.1 | K5 | 2 | .. | 17037b |
| 3 | 11212 | 7.5 | −39 39 | 6.62 | 7.8 | K5p | 5 | 5,7 R | 19751b |
| 4 | 11392 | 7.5 | −41 21 | 8.4 | 9.2 | Ko | 3 | .. | 19751b |
| 5 | 11540 | 7.5 | −44 20 | 9.5 | 9.5 | B8 | 3 | .. | 17084b |
| 6 | 11539 | 7.5 | −44 44 | 10.3 | 9.8 | B8 | 1 | .. | 17084b |
| 7 | 5856 | 7.5 | −61 18 | 8.0 | 8.8 | F8 | 6 | .. | 39370b |
| 8 | 3164 | 7.6 | +10 41 | 10.1 | *10.7* | Go | 2 | .. | 18982b |
| 9 | 3319 | 7.6 | + 7 22 | 9.1 | *10.1* | Ko | 1 | .. | 18982b |
| 10 | 3365 | 7.6 | + 3 33 | 10.1 | *10.7* | Go | 2 | .. | 39408b |
| 11 | 4313 | 7.6 | − 2 9 | 8.7 | *9.3* | Go | 4 | .. | 39399b |
| 12 | 4686 | 7.6 | −12 37 | 8.0 | *8.8* | G5 | 6 | .. | 40585b |
| 13 | 13233 | 7.6 | −23 4 | 9.7 | 9.5 | F5 | 2 | .. | 40627b |
| 14 | 11853 | 7.6 | −33 6 | 9.02 | 9.1 | B8 | 4 | .. | 40431b |
| 15 | 11855 | 7.6 | −33 9 | 9.6 | 9.1 | Ao | 4 | .. | 40431b |
| 16 | 11404 | 7.6 | −37 39 | 10.4 | 9.4 | Ao | 4 | .. | 17037b |
| 17 | 11249 | 7.6 | −40 42 | 9.4 | 10.4 | Ko | 2 | .. | 17037b |
| 18 | 11394 | 7.6 | −41 43 | 10.0 | 9.8 | B9 | 2 | .. | 19751b |
| 19 | 11541 | 7.6 | −44 34 | 9.7 | 9.7 | F5 | 2 | .. | 17084b |
| 20 | 11533 | 7.6 | −48 2 | 10.3 | 9.9 | F8 | 2 | .. | 17084b |
| 21 | 11110 | 7.6 | −50 45 | 8.3 | 8.9 | Ko | 4 | .. | 19895b |
| 22 | 10774 | 7.6 | −51 20 | 8.1 | 8.5 | G5 | 5 | .. | 19895b |
| 23 | 6928 | 7.6 | −59 40 | *9.8* | 9.9 | A5 | 2 | .. | 39301b |
| 24 | 6737 | 7.6 | −60 51 | 8.1 | 7.4 | Ao | 4 | *2,8* | 43198b |
| 25 | 3615 | 7.6 | −64 38 | *8.7* | 8.7 | Ao | 3 | .. | 13775b |
| 26 | 3348 | 7.7 | + 5 4 | 9.5 | *10.5* | Ko | 2 | .. | 18982b |
| 27 | 3347 | 7.7 | + 5 2 | 8.66 | *8.72* | A2 | 3 | .. | 37767i |
| 28 | 4486 | 7.7 | −15 30 | 8.33 | *9.33* | Ko | 3 | .. | 39378b |
| 29 | 4456 | 7.7 | −18 26 | 8.8 | *9.8* | Ko | 2 | .. | 16852b |
| 30 | 4561 | 7.7 | −19 17 | 10.5 | 11.5 | K5 | 1 | .. | 39378b |
| 31 | 4562 | 7.7 | −19 26 | 10.3 | 10.4 | Fo | 3 | .. | 39378b |
| 32 | 13237 | 7.7 | −23 56 | 9.0 | 8.9 | Go | 4 | .. | 40627b |
| 33 | *11571* | 7.7 | −35 1 | 7.93 | 8.2 | F2 | 7 | 0,7 | 17037b |
| 34 | 11318 | 7.7 | −45 46 | 7.7 | 7.5 | F2 | 9 | .. | 17084b |
| 35 | *7981* | 7.7 | −56 0 | *9.4* | 9.4 | Ao | 3 | .. | 39301b |
| 36 | 7032 | 7.7 | −58 4 | 9.1 | 9.7 | A2 | 2 | .. | 39301b |
| 37 | 1176 | 7.8 | +64 28 | var. | var. | Mcp | .. | R | M |
| 38 | 2596 | 7.8 | +49 6 | 8.4 | *9.4* | Ko | 2 | .. | 38777i |
| 39 | 2803 | 7.8 | +41 11 | 8.8 | *8.9* | A3 | 4 | .. | 38773i |
| 40 | 2849 | 7.8 | +33 4 | 8.8 | *9.6* | G5 | 1 | .. | 38499i |
| 41 | 2967 | 7.8 | +26 44 | 8.7 | *9.7* | Ko | 1 | .. | 37805i |
| 42 | 3063 | 7.8 | +21 21 | 7.16 | *8.16* | Ko | 4 | .. | 38775i |
| 43 | 3326 | 7.8 | +13 21 | 8.9 | *9.4* | F8 | 7 | 0,3 | 5404m |
| 44 | 3165 | 7.8 | +10 42 | 5.56 | *6.74* | K5 | 7 | 5,8 | 37827i |
| 45 | *3342* | 7.8 | + 8 56 | 9.3 | *9.4* | A3 | 2 | .. | 18982b |
| 46 | 3654 | 7.8 | + 0 29 | 6.52 | *6.94* | F5 | 8 | 0,9 | 37767i |
| 47 | 4458 | 7.8 | −10 14 | 9.9 | *10.9* | Ko | 1 | .. | 40585b |
| 48 | 4457 | 7.8 | −18 52 | 8.3 | *8.4* | A3 | 6 | .. | 40619b |
| 49 | 4305 | 7.8 | −22 24 | 10.1 | 10.1 | Ao | 2 | .. | 40627b |
| 50 | 11527 | 7.8 | −27 41 | 6.61 | 7.3 | F2 | 4 | 0,10 | 43292b |
| 51 | 13731 | 7.8 | −31 6 | 8.9 | 10.3 | Ko | 1 | .. | 40431b |
| 52 | 12495 | 7.8 | −32 22 | 10.0 | 10.0 | A2 | 3 | .. | 40431b |
| 53 | 11315 | 7.8 | −46 25 | 9.3 | 10.3 | Mb | .. | .. | M |
| 54 | 11316 | 7.8 | −46 28 | 8.5 | 8.9 | A2 | 6 | .. | 17084b |
| 55 | 3616 | 7.8 | −64 38 | *9.3* | 9.9 | Go | 3 | .. | 39370b |
| 56 | 2273 | 7.9 | +46 41 | 7.64 | *8.64* | Ko | 3 | .. | 38566i |
| 57 | 3419 | 7.9 | +20 14 | 8.2 | *8.3* | A3 | 2 | .. | 38455i |
| 58 | 3132 | 7.9 | +11 42 | 7.9 | *9.1* | K5 | 2 | .. | 37218i |
| 59 | 3368 | 7.9 | + 6 53 | 9.3 | *10.1* | G5 | 1 | .. | 18982b |
| 60 | 3269 | 7.9 | + 2 28 | 9.5 | *10.3* | G5 | 2 | .. | 39408b |
| 61 | 3245 | 7.9 | − 0 4 | 9.3 | *10.3* | Ko | 2 | .. | 39399b |
| 62 | 4518 | 7.9 | − 9 34 | 8.9 | *9.9* | Ko | 3 | .. | 14191b |
| 63 | 4488 | 7.9 | −15 27 | 6.63 | *6.71* | A3 | 10 | .. | 16852b |
| 64 | 13312 | 7.9 | −29 56 | 9.38 | 9.4 | Ao | 3 | .. | 40431b |
| 65 | 11859 | 7.9 | −33 43 | 10.7 | 10.0 | B8 | 2 | .. | 40431b |
| 66 | 11575 | 7.9 | −34 42 | 8.2 | 10.6 | K5 | 1 | .. | 40431b |
| 67 | 11221 | 7.9 | −39 8 | 9.4 | 9.8 | A2 | 4 | .. | 17037b |
| 68 | 11250 | 7.9 | −40 12 | 8.7 | 10.7 | K5 | 1 | .. | 17037b |
| 69 | 11361 | 7.9 | −47 21 | 10.6 | 10.0 | B9 | 3 | .. | 17084b |
| 70 | 11118 | 7.9 | −50 58 | 7.4 | 7.5 | B8 | 9 | .. | 19895b |
| 71 | 8493 | 7.9 | −53 16 | 8.5 | 7.9 | Fo | 7 | .. | 19895b |
| 72 | 8492 | 7.9 | −53 50 | 8.0 | 8.3 | K5 | 4 | .. | 39301b |
| 73 | 3422 | 7.9 | −65 47 | *8.8* | 9.6 | G5 | 3 | .. | 39370b |
| 74 | 1861 | 8.0 | +54 38 | 8.9 | *9.9* | Ko | 2 | .. | 37802i |
| 75 | 3212 | 8.0 | +25 22 | 8.6 | *9.2* | Go | 2 | .. | 37805i |
| 76 | 3123 | 8.0 | +16 37 | 8.6 | *9.1* | F8 | 2 | *3,8-* | 37218i |
| 77 | 3127 | 8.0 | +15 30 | 8.5 | *8.6* | A2 | 7 | 0,5 R | 5404m |
| 78 | .. | 8.0 | +14 52 | .. | .. | G5 | 1 | .. | 5404m |
| 79 | 3369 | 8.0 | + 6 10 | 8.4 | *8.4* | Ao | 4 | .. | 37767i |
| 80 | 3350 | 8.0 | + 5 40 | 9.1 | *10.1* | Ko | 2 | .. | 18982b |
| 81 | *4247* | 8.0 | − 5 1 | 9.05 | *9.61* | Go | 3 | .. | 14191b |
| 82 | 4321 | 8.0 | −11 10 | 9.0 | *9.8* | G5 | 2 | .. | 40585b |
| 83 | 4449 | 8.0 | −16 8 | 9.5 | *9.6* | A2 | 3 | .. | 39378b |
| 84 | 4459 | 8.0 | −18 6 | 8.4 | *8.5* | A3 | 6 | .. | 16852b |
| 85 | 12012 | 8.0 | −26 52 | 6.88 | 7.7 | Fo | .. | 2,5- | 56,139 |
| 86 | 12950 | 8.0 | −28 36 | 8.7 | 9.9 | Ko | 2 | .. | 17036b |
| 87 | 13734 | 8.0 | −31 24 | 9.7 | 10.3 | Ao | 2 | R | 40431b |
| 88 | 11860 | 8.0 | −33 44 | 10.7 | 9.4 | Ao | 2 | .. | 40431b |
| 89 | 11578 | 8.0 | −34 16 | 10.2 | 9.4 | Ao | 5 | .. | 40431b |
| 90 | 11399 | 8.0 | −41 41 | 9.0 | 9.2 | Ao | 2 | .. | 19751b |
| 91 | 11547 | 8.0 | −44 18 | 8.5 | 9.1 | Ko | 3 | .. | 17084b |
| 92 | 11120 | 8.0 | −50 13 | 9.2 | 8.8 | B9 | 3 | .. | 19895b |
| 93 | 4080 | 8.0 | −63 4 | *8.8* | 9.9 | K2 | 1 | .. | 39370b |
| 94 | 1619 | 8.0 | −74 15 | *8.7* | 9.7 | Ko | 2 | .. | 20270b |
| 95 | 1790 | 8.1 | +59 17 | 9.3 | *9.3* | A | 2 | .. | 37802i |
| 96 | 2599 | 8.1 | +49 27 | 7.52 | *8.70* | K5 | 2 | E | 38777i |
| 97 | 2667 | 8.1 | +44 38 | 10.0 | *11.0* | Ko | 1 | .. | 6040m |
| 98 | 2956 | 8.1 | +29 8 | 9.4 | *10.4* | Ko | 1 | .. | 37805i |
| 99 | 3328 | 8.1 | +13 29 | 10.1 | *11.1* | Ko | 1 | .. | 5404m |
| 100 | .. | 8.1 | +13 18 | .. | .. | F | 1 | .. | 5404m |



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## 155700 — 17h 8m.1

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4460 | 8.1 | −10 8 | 8.86 | *10.04* | K5 | 1 | .. | 40585b |
| 2 | 4307 | 8.1 | −22 28 | 9.2 | 8.9 | F5 | 4 | .. | 40627b |
| 3 | 11865 | 8.1 | −33 18 | 9.28 | 9.1 | B8 | 3 | .. | 40431b |
| 4 | 11408 | 8.1 | −37 58 | 10.7 | 10.3 | Go | 1 | .. | 17037b |
| 5 | 11675 | 8.1 | −38 50 | 7.6 | 8.6 | G5 | 7 | .. | 17037b |
| 6 | 11251 | 8.1 | −40 57 | 9.0 | 8.9 | A2 | 3 | .. | 19751b |
| 7 | 11549 | 8.1 | −44 26 | 10.1 | 10.2 | A2 | 1 | .. | 17084b |
| 8 | 10539 | 8.1 | −52 12 | 7.5 | 8.2 | Ko | 7 | .. | 19895b |
| 9 | *8141* | 8.1 | −55 1 | *8.8* | 10.2 | Mb | .. | .. | M |
| 10 | 3617 | 8.1 | −64 22 | *9.9* | 9.9 | Ao | 2 | .. | 39370b |
| 11 | 2032 | 8.2 | +52 32 | 6.13 | *6.11* | B9 | 10 | *1*,10 | 38777i |
| 12 | 3323 | 8.2 | +18 28 | 8.10 | *9.10* | Ko | 3 | .. | 38455i |
| 13 | 3124 | 8.2 | +16 20 | 8.9 | *9.5* | Go | 3 | 2,6- | 37229i |
| 14 | 3321 | 8.2 | + 7 51 | 6.83 | *7.11* | Fo | 7 | .. | 37767i |
| 15 | 3400 | 8.2 | + 1 22 | 8.9 | *8.9* | Ao | 2 | .. | 39408b |
| 16 | 3656 | 8.2 | + 0 49 | 8.89 | *9.03* | A5 | 2 | .. | 37767i |
| 17 | 3246 | 8.2 | − 0 16 | 10.5 | *11.5* | Ko | 1 | .. | 39399b |
| 18 | 4519 | 8.2 | − 9 10 | 7.50 | *7.50* | Ao | 8 | .. | 14191b |
| 19 | 4569 | 8.2 | −13 11 | 9.0 | *9.5* | F8 | 4 | .. | 40585b |
| 20 | 4460 | 8.2 | −18 16 | 10.9 | *11.7* | G5 | 2 | .. | 39378b |
| 21 | 4565 | 8.2 | −19 9 | 9.2 | 9.8 | G5 | 2 | .. | 40619b |
| 22 | 13222 | 8.2 | −24 15 | 9.5 | 9.6 | F8 | 2 | .. | 40627b |
| 23 | 11252 | 8.2 | −40 53 | 7.9 | 8.4 | Ko | 4 | .. | 19751b |
| 24 | 11326 | 8.2 | −45 38 | 10.1 | 9.5 | Ao | 3 | .. | 17084b |
| 25 | 1201 | 8.2 | −76 53 | *8.9* | 10.1 | K5 | 2 | .. | 42633b |
| 26 | *2668* | 8.3 | +43 59 | 9.3 | *10.1* | G5 | 3 | .. | 6040m |
| 27 | 3086 | 8.3 | +39 23 | 8.1 | *8.6* | F8 | 3 | .. | 38773i |
| 28 | 3067 | 8.3 | +21 14 | 8.7 | *8.8* | A5 | 3 | E | 38775i |
| 29 | 3186 | 8.3 | +17 24 | 8.3 | *9.5* | K5 | 1 | .. | 37218i |
| 30 | 3168 | 8.3 | +12 5 | 8.3 | *9.4* | K2 | 2 | .. | 37218i |
| 31 | 4490 | 8.3 | −15 29 | 9.0 | *9.6* | Go | 2 | .. | 16852b |
| 32 | 12956 | 8.3 | −28 18 | 8.7 | 9.6 | Ko | 3 | .. | 17036b |
| 33 | 13318 | 8.3 | −29 45 | 9.3 | 9.7 | A3 | 1 | R | 17036b |
| 34 | .. | 8.3 | −33 19 | var. | var. | Md | .. | R | M |
| 35 | 11421 | 8.3 | −35 23 | 9.0 | 9.4 | Fo | 4 | 0,4 | 17037b |
| 36 | 11355 | 8.3 | −36 20 | 8.7 | 9.8 | K2 | 3 | .. | 17037b |
| 37 | 11228 | 8.3 | −39 32 | 8.7 | 10.5 | Ko | 1 | .. | 17037b |
| 38 | 11970 | 8.3 | −42 22 | 8.1 | 8.7 | Ko | 5 | .. | 19751b |
| 39 | 11320 | 8.3 | −46 44 | 9.7 | 9.5 | A3 | 4 | .. | 17084b |
| 40 | 11541 | 8.3 | −48 31 | 9.9 | 9.7 | Ao | 2 | .. | 17084b |
| 41 | 7992 | 8.3 | −55 23 | *9.0* | 9.1 | A2 | 3 | .. | 39301b |
| 42 | 6745 | 8.3 | −60 10 | 8.5 | 9.5 | G5 | 4 | .. | 39370b |
| 43 | 5863 | 8.3 | −61 15 | 8.7 | 10.2 | K2 | 1 | .. | 39370b |
| 44 | 2275 | 8.4 | +46 7 | 8.7 | *9.5* | G5 | 5 | .. | 6040m |
| 45 | 2669 | 8.4 | +44 18 | 9.6 | *10.6* | Ko | 1 | .. | 6040m |
| 46 | 3128 | 8.4 | +15 3 | 10.5 | *11.0* | F8 | 2 | .. | 5404m |
| 47 | 3170 | 8.4 | +12 33 | 9.8 | *10.2* | F5 | 3 | .. | 5404m |
| 48 | 3351 | 8.4 | + 5 11 | 8.7 | *9.7* | Ko | 2 | 5,2 | 37767i |
| 49 | 3247 | 8.4 | − 0 11 | 10.5 | *10.5* | A | 1 | .. | 39399b |
| 50 | 4314 | 8.4 | − 2 35 | 8.8 | *9.2* | F5 | 2 | .. | 39399b |
| 51 | 4323 | 8.4 | −11 30 | 9.5 | *10.6* | K2 | 1 | .. | 40585b |
| 52 | .. | 8.4 | −12 48 | Neb. | Neb. | Pe | .. | R | 76,23 |
| 53 | 4550 | 8.4 | −21 15 | 8.4 | 10.1 | K2 | 2 | .. | 40627b |
| 54 | 11867 | 8.4 | −33 37 | 8.4 | 7.7 | B5 | 7 | .. | 40431b |
| 55 | 11971 | 8.4 | −42 40 | 8.3 | 8.7 | Go | 4 | .. | 19751b |
| 56 | 11330 | 8.4 | −45 48 | 9.7 | 9.4 | Bo | 2 | .. | 17084b |
| 57 | 11322 | 8.4 | −46 54 | 9.9 | 10.3 | Ko | 1 | .. | 17084b |
| 58 | 11368 | 8.4 | −47 49 | 9.9 | 9.7 | B8 | 3 | .. | 17084b |
| 59 | 11544 | 8.4 | −48 32 | 9.9 | *11.3* | Mb | .. | .. | M |
| 60 | 7994 | 8.4 | −55 12 | 8.76 | 8.8 | F8 | 3 | .. | 39301b |
| 61 | 7037 | 8.4 | −58 19 | 9.2 | 9.4 | Go | 3 | .. | 39301b |
| 62 | 7039 | 8.4 | −58 38 | 9.0 | 10.0 | K2 | 1 | .. | 39301b |
| 63 | 1170 | 8.5 | +65 50 | 3.22 | *3.10* | B5 | .. | R | 2635c |
| 64 | 2186 | 8.5 | +51 27 | 8.7 | *9.2* | F8 | 2 | .. | 38777i |
| 65 | 2441 | 8.5 | +47 37 | 9.1 | *9.2* | A2 | 1 | .. | 38566i |
| 66 | 2690 | 8.5 | +28 7 | 9.3 | *10.1* | G5 | 1 | .. | 37805i |
| 67 | .. | 8.5 | +14 39 | .. | .. | G5 | 1 | .. | 5404m |
| 68 | 3135 | 8.5 | +11 13 | 9.1 | *9.6* | F8 | 2 | .. | 18982b |
| 69 | 4570 | 8.5 | −13 10 | 9.0 | *10.0* | Ko | 3 | .. | 40585b |
| 70 | 4577 | 8.5 | −14 14 | 9.9 | *10.0* | A2 | 3 | .. | 40585b |
| 71 | 4752 | 8.5 | −17 5 | 8.4 | *9.0* | Go | 3 | .. | 16852b |
| 72 | 12040 | 8.5 | −25 48 | 9.3 | 9.3 | F8 | 3 | .. | 17036b |
| 73 | 12959 | 8.5 | −28 48 | 9.5 | 9.6 | F8 | 3 | .. | 17036b |
| 74 | 12508 | 8.5 | −32 42 | 10.0 | 9.4 | B8 | 2 | .. | 40431b |
| 75 | 11680 | 8.5 | −38 6 | 6.66 | 6.9 | B3 | 10 | .. | 17037b |
| 76 | *11679* | 8.5 | −39 0 | 10.0 | 10.1 | Ao | 1 | .. | 17037b |
| 77 | 11552 | 8.5 | −44 16 | 10.3 | 10.2 | Ao | 1 | .. | 17084b |
| 78 | 11325 | 8.5 | −46 13 | 7.9 | 7.9 | B8 | 10 | .. | 17084b |
| 79 | 8120 | 8.5 | −56 33 | *8.8* | 9.4 | Go | 3 | .. | 39301b |
| 80 | 7041 | 8.5 | −58 56 | 8.9 | 8.8 | B8 | 5 | .. | 39301b |
| 81 | 6749 | 8.5 | −60 44 | 8.0 | 8.0 | A3 | 3 | 3,7 | 43198b |
| 82 | 3424 | 8.5 | −65 7 | *9.1* | 10.1 | Ko | 2 | .. | 39370b |
| 83 | 1203 | 8.5 | −76 23 | *9.4* | 9.4 | Ao | 2 | .. | 42633b |
| 84 | 2804 | 8.6 | +41 53 | 6.87 | *7.94* | K2 | 5 | .. | 38773i |
| 85 | 3347 | 8.6 | + 9 13 | 9.0 | *9.8* | G5 | 3 | .. | 18982b |
| 86 | 3371 | 8.6 | + 8 2 | 9.1 | *9.6* | F8 | 2 | .. | 18982b |
| 87 | 4461 | 8.6 | −10 46 | 9.9 | *10.9* | Ko | 2 | .. | 40585b |
| 88 | 4692 | 8.6 | −12 20 | 10.1 | *10.9* | G5 | 2 | .. | 40585b |
| 89 | 4491 | 8.6 | −15 30 | 8.4 | *9.5* | K2 | 5 | .. | 16852b |
| 90 | 4753 | 8.6 | −17 21 | 8.07 | *8.05* | B9 | 6 | .. | 16852b |
| 91 | 4464 | 8.6 | −18 6 | 11.2 | *11.3* | A2 | 2 | .. | 39378b |
| 92 | 4463 | 8.6 | −18 27 | 9.5 | *10.5* | Ko | 3 | .. | 39378b |
| 93 | 13747 | 8.6 | −31 13 | 8.1 | 8.9 | A2 | 5 | .. | 40431b |
| 94 | 11682 | 8.6 | −38 17 | 10.0 | 10.4 | K2 | 1 | .. | 17037b |
| 95 | 11257 | 8.6 | −40 56 | 9.0 | 9.0 | Ao | 4 | .. | 19751b |
| 96 | 6751 | 8.6 | −60 57 | *9.5* | 10.0 | F8 | 1 | .. | 39370b |
| 97 | 5512 | 8.6 | −62 35 | *7.7* | 8.9 | K5 | 2 | .. | 13775b |
| 98 | 3619 | 8.6 | −64 35 | *9.2* | 10.2 | Ko | 1 | .. | 39370b |
| 99 | 2670 | 8.7 | +44 5 | 8.8 | *9.3* | F8 | 6 | 2,1 | 6040m |
| 100 | 3125 | 8.7 | +16 32 | 10.5 | *11.1* | G | 1 | .. | 5404m |



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1922AnHar..97....1C



## 155800 — $17^h\ 8^m.7$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4077 | 8.7 | − 3 46 | 9.5 | *9.6* | A3 | 2 | .. | 39399b |
| 2 | 4400 | 8.7 | − 8 17 | 8.0 | *9.0* | Ko | 3 | .. | 14191b |
| 3 | 4568 | 8.7 | −19 12 | 10.3 | 10.2 | Go | 2 | .. | 39378b |
| 4 | 13262 | 8.7 | −23 57 | 8.1 | 7.9 | A2 | 6 | .. | 40627b |
| 5 | 11874 | 8.7 | −33 4 | 8.35 | 8.5 | B9 | 5 | .. | 40431b |
| 6 | 11875 | 8.7 | −33 26 | 5.50 | *5.33* | B3p | .. | R | **56**,140 |
| 7 | 11422 | 8.7 | −35 46 | 8.7 | 9.4 | G5 | 4 | .. | 17037b |
| 8 | 11417 | 8.7 | −37 58 | 9.4 | 9.8 | Ko | 2 | .. | 17037b |
| 9 | 11372 | 8.7 | −47 10 | 8.6 | 9.5 | F8 | 6 | .. | 17084b |
| 10 | 11545 | 8.7 | −48 34 | 11.6 | 10.0 | Ao | 1 | .. | 17084b |
| 11 | 11286 | 8.7 | −49 27 | 7.42 | 7.9 | Fo | 8 | .. | 19895b |
| 12 | 8156 | 8.7 | −54 40 | 8.2 | 8.2 | A2 | 5 | .. | 39301b |
| 13 | 8404 | 8.7 | −57 20 | *8.8* | 9.1 | F2 | 2 | .. | 39301b |
| 14 | 6938 | 8.7 | −59 25 | 9.2 | 10.3 | K5 | 1 | .. | 39301b |
| 15 | 3085 | 8.7 | −66 36 | *9.3* | 9.3 | Ao | 2 | .. | 42525b |
| 16 | 2504 | 8.8 | +45 28 | 6.88 | *7.95* | K2 | 6 | 3,9 | 38566i |
| 17 | 2946 | 8.8 | +30 3 | 8.23 | *8.65* | F5 | 3 | .. | 37805i |
| 18 | 3173 | 8.8 | +12 56 | 9.8 | *10.2* | F5 | 3 | .. | 5404m |
| 19 | 3352 | 8.8 | + 5 55 | 8.7 | *9.9* | K5 | 2 | .. | 18982b |
| 20 | 4694 | 8.8 | −12 14 | 10.1 | *10.5* | F5 | 2 | .. | 40585b |
| 21 | 4492 | 8.8 | −15 51 | 8.6 | *8.6* | Ao | 6 | .. | 16852b |
| 22 | 13325 | 8.8 | −29 35 | 9.7 | 9.4 | A2 | 4 | .. | 17036b |
| 23 | 13953 | 8.8 | −30 26 | 7.9 | 10.0 | Mb | 3 | .. | 40431b |
| 24 | 13753 | 8.8 | −31 25 | 9.5 | 10.0 | B8 | 2 | .. | 40431b |
| 25 | 11687 | 8.8 | −38 19 | 9.4 | 9.5 | A2 | 3 | .. | 17037b |
| 26 | 11686 | 8.8 | −38 28 | 6.06 | 6.8 | F8 | 5 | .. | 10825b |
| 27 | 11259 | 8.8 | −40 26 | 8.4 | 9.2 | Go | 2 | .. | 19751b |
| 28 | 4081 | 8.8 | −63 35 | *9.3* | 9.3 | Ao | 2 | .. | 39370b |
| 29 | 2489 | 8.9 | +48 54 | 8.8 | *9.8* | Ko | 1 | 0,1 | 38777i |
| 30 | 2276 | 8.9 | +46 49 | 9.2 | *9.7* | F8 | 4 | .. | 6040m |
| 31 | 13229 | 8.9 | −24 37 | 9.0 | 9.3 | F5 | 1 | .. | 17036b |
| 32 | 11881 | 8.9 | −33 10 | 10.9 | 9.7 | Ao | 2 | .. | 40431b |
| 33 | 11557 | 8.9 | −44 17 | 9.7 | 9.7 | Ao | 2 | .. | 17084b |
| 34 | *11332* | 8.9 | −47 1 | 8.5 | 8.5 | A2 | 9 | .. | 17084b |
| 35 | 11375 | 8.9 | −47 28 | 9.1 | 9.7 | Ko | 3 | .. | 17084b |
| 36 | 11373 | 8.9 | −47 40 | 9.3 | 9.4 | B5 | 5 | .. | 17084b |
| 37 | 5867 | 8.9 | −61 46 | 9.1 | 9.4 | Ao | 3 | .. | 39370b |
| 38 | 2187 | 9.0 | +51 53 | 7.03 | *7.03* | Ao | 6 | 0,5 | 38777i |
| 39 | 3215 | 9.0 | +25 7 | 7.11 | *8.29* | K5 | 3 | .. | 37805i |
| 40 | 3069 | 9.0 | +21 26 | 9.7 | *10.7* | Ko | 2 | E | 38775i |
| 41 | 3127 | 9.0 | +16 1 | 9.8 | *11.9* | K5 | 1 | .. | 5404m |
| 42 | 3129 | 9.0 | +15 39 | 9.1 | *9.9* | G5 | 4 | .. | 5404m |
| 43 | 3353 | 9.0 | + 5 3 | 8.21 | *9.21* | Ko | 3 | .. | 37767i |
| 44 | 4493 | 9.0 | −15 47 | 9.2 | *10.4* | K5 | 1 | .. | 16852b |
| 45 | 4569 | 9.0 | −19 44 | 8.8 | 9.5 | K5 | 2 | .. | 40619b |
| 46 | 4685 | 9.0 | −20 51 | 8.0 | 8.9 | K2 | 4 | .. | 40627b |
| 47 | 4686 | 9.0 | −20 59 | 10.1 | 9.5 | B9 | 2 | .. | 40627b |
| 48 | 4553 | 9.0 | −21 55 | 9.3 | 10.2 | K | 1 | .. | 40627b |
| 49 | 12025 | 9.0 | −26 25 | 7.9 | 8.7 | Ko | 5 | .. | 17036b |
| 50 | 13758 | 9.0 | −31 51 | 9.2 | 9.4 | B8 | 3 | .. | 40431b |
| 51 | 12518 | 9.0 | −32 34 | 8.0 | 8.0 | Bop | 5 | R | 40431b |
| 52 | 12517 | 9.0 | −32 59 | 7.96 | 9.5 | Ma | 3 | .. | 40431b |
| 53 | 11882 | 9.0 | −33 44 | 8.0 | 7.9 | A2 | 7 | .. | 40431b |
| 54 | 11590 | 9.0 | −34 14 | 7.78 | 7.4 | Fo | 6 | .. | 40431b |
| 55 | 11589 | 9.0 | −34 23 | 10.7 | 9.4 | B9 | 4 | .. | 40431b |
| 56 | 11132 | 9.0 | −50 32 | 9.3 | 9.2 | G5 | 1 | .. | 19961b |
| 57 | 6941 | 9.0 | −59 23 | *9.6* | 9.7 | A2 | 4 | .. | 39301b |
| 58 | 1204 | 9.0 | −76 15 | *8.3* | 8.4 | A2 | 7 | .. | 42633b |
| 59 | 616 | 9.1 | +75 14 | 7.22 | *7.78* | Go | 3 | .. | 37240i |
| 60 | 2664 | 9.1 | +49 53 | 6.05 | *6.11* | A2 | 9 | .. | 38777i |
| 61 | 2893 | 9.1 | +38 21 | 8.9 | *9.0* | A3 | 1 | .. | 38779i |
| 62 | 3427 | 9.1 | +20 40 | 8.7 | *9.7* | K | 1 | .. | 38455i |
| 63 | 3137 | 9.1 | +11 22 | 8.6 | *9.6* | Ko | 1 | .. | 18982b |
| 64 | *4079* | 9.1 | − 4 2 | 7.72 | *7.72* | Ao | 7 | .. | 14191b |
| 65 | 4570 | 9.1 | −19 25 | 9.5 | 9.6 | Ao | 3 | .. | 40619b |
| 66 | 4554 | 9.1 | −21 48 | 8.98 | 10.1 | Ko | 2 | .. | 40627b |
| 67 | 11538 | 9.1 | −27 52 | 9.0 | 9.3 | G5 | 4 | .. | 17036b |
| 68 | 13959 | 9.1 | −30 9 | 8.28 | 8.8 | A3 | 5 | .. | 40431b |
| 69 | 13761 | 9.1 | −31 38 | 10.2 | 10.2 | B8 | 1 | .. | 40431b |
| 70 | 11884 | 9.1 | −33 9 | 8.7 | 9.7 | Ko | 2 | .. | 40431b |
| 71 | 11592 | 9.1 | −34 4 | 10.7 | 9.8 | G5 | 3 | .. | 40431b |
| 72 | 11418 | 9.1 | −41 7 | 9.4 | 9.6 | F8 | 1 | .. | 19751b |
| 73 | 11979 | 9.1 | −42 41 | 8.5 | 8.6 | B2 | 4 | .. | 19751b |
| 74 | 6942 | 9.1 | −59 37 | 9.0 | 10.3 | K2 | 1 | .. | 39301b |
| 75 | 2715 | 9.1 | −69 56 | 6.61 | 7.3 | Go | .. | 0,8- | **56**,140 |
| 76 | 2505 | 9.2 | +45 52 | 9.6 | *10.8* | K5 | 3 | .. | 6040m |
| 77 | 2858 | 9.2 | +37 22 | 8.3 | *8.9* | Go | 4 | .. | 38779i |
| 78 | 2694 | 9.2 | +28 4 | 8.2 | *9.0* | G5 | 2 | .. | 37805i |
| 79 | 3331 | 9.2 | +13 11 | 9.5 | *10.5* | Ko | 2 | .. | 5404m |
| 80 | 3372 | 9.2 | + 6 54 | 9.5 | *9.9* | F5 | 1 | .. | 18982b |
| 81 | 3358 | 9.2 | + 4 12 | 9.1 | *9.9* | G5 | 2 | .. | 37767i |
| 82 | 4582 | 9.2 | −14 9 | 9.3 | *9.9* | Go | 2 | .. | 40585b |
| 83 | 4583 | 9.2 | −14 36 | 10.1 | *10.1* | Ao | 3 | .. | 40585b |
| 84 | 4555 | 9.2 | −21 15 | 8.4 | 8.7 | F5 | 5 | .. | 40627b |
| 85 | 12026 | 9.2 | −26 27 | 5.33 | *6.33* | Ko | .. | 5,9 R | **56**,94 |
| 86 | | 9.2 | −26 27 | 5.29 | *6.29* | | | | |
| 87 | *13964* | 9.2 | −31 0 | 10.4 | 10.3 | Ao | 1 | .. | 40431b |
| 88 | 11885 | 9.2 | −33 34 | 10.0 | 8.6 | B9 | 5 | .. | 40431b |
| 89 | 11887 | 9.2 | −33 37 | 6.64 | 6.6 | B3 | 9 | .. | 40431b |
| 90 | 11886 | 9.2 | −33 56 | 10.0 | 9.4 | B8 | 4 | .. | 40431b |
| 91 | 11593 | 9.2 | −34 50 | 8.4 | 8.8 | F2 | 5 | 0,5 | 17037b |
| 92 | 11693 | 9.2 | −38 13 | 10.4 | 10.1 | G5 | 1 | .. | 17037b |
| 93 | 11694 | 9.2 | −38 44 | 9.0 | 9.5 | Ao | 5 | .. | 17037b |
| 94 | 11249 | 9.2 | −39 53 | 9.6 | 9.6 | Ao | 3 | .. | 17037b |
| 95 | 11420 | 9.2 | −41 32 | 9.0 | 9.0 | F8 | 2 | .. | 19751b |
| 96 | 11983 | 9.2 | −42 14 | 7.0 | 7.0 | B5 | 8 | .. | 19751b |
| 97 | 11984 | 9.2 | −42 50 | 9.1 | 10.3 | K5 | 1 | .. | 19751b |
| 98 | 11342 | 9.2 | −45 54 | 9.2 | 9.1 | A3 | 3 | .. | 17084b |
| 99 | 11550 | 9.2 | −48 35 | 10.6 | 9.9 | G5 | 1 | .. | 17084b |
| 100 | 11551 | 9.2 | −48 46 | 8.9 | 8.5 | Ao | 8 | .. | 17084b |



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1922AnHar..97....1C



## 155900 — 17h 9m.2

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 7051 | 9.2 | −58 4 | 8.8 | 9.2 | F5 | 4 | .. | 39301b |
| 2 | 1954 | 9.3 | +56 47 | 7.06 | *7.84* | G5 | 7 | .. | 37802i |
| 3 | 2671 | 9.3 | +44 43 | 9.3 | *10.3* | Ko | 2 | .. | 6040m |
| 4 | 3103 | 9.3 | +22 53 | 7.96 | *8.02* | A2 | 4 | .. | 37805i |
| 5 | 3360 | 9.3 | + 4 40 | 8.9 | *9.7* | G5 | 2 | .. | 37767i |
| 6 | 3248 | 9.3 | − 0 35 | 9.5 | *10.3* | G5 | 2 | .. | 39399b |
| 7 | 3303 | 9.3 | − 1 55 | 10.5 | *11.5* | Ko | 1 | .. | 39399b |
| 8 | 4252 | 9.3 | − 4 22 | 8.31 | *8.31* | Ao | 5 | 0,5 | 41559b |
| 9 | 4469 | 9.3 | −18 11 | 10.9 | *12.0* | K2 | 1 | .. | 39378b |
| 10 | 13763 | 9.3 | −31 56 | 7.5 | 8.0 | B9 | 6 | .. | 40431b |
| 11 | 11369 | 9.3 | −36 32 | 10.0 | 10.3 | Ao | 1 | .. | 17037b |
| 12 | 11696 | 9.3 | −38 14 | 8.0 | 8.3 | B9 | 7 | .. | 17037b |
| 13 | 11986 | 9.3 | −42 33 | 8.5 | 8.3 | Bo | 4 | .. | 19751b |
| 14 | 11561 | 9.3 | −44 39 | 7.9 | 8.8 | Ko | 5 | .. | 17084b |
| 15 | 6759 | 9.3 | −60 21 | *9.5* | 10.3 | G5 | 2 | .. | 39370b |
| 16 | 5516 | 9.3 | −62 24 | *8.9* | 10.3 | Ma | .. | .. | M |
| 17 | 4083 | 9.3 | −63 42 | *9.3* | 9.4 | A2 | 2 | .. | 39370b |
| 18 | 1368 | 9.3 | −75 14 | 6.98 | 8.1 | Go | 7 | .. | 42633b |
| 19 | 153 | 9.3 | −88 38 | *9.7* | 10.0 | F2 | 4 | .. | 22980b |
| 20 | 2506 | 9.4 | +45 27 | 8.8 | *9.4* | Go | 4 | .. | 6040m |
| 21 | 2702 | 9.4 | +43 51 | 7.30 | *8.08* | G5 | 6 | 5,8 | 38773i |
| 22 | 2929 | 9.4 | +35 18 | 7.77 | *8.95* | K5 | 3 | .. | 38779i |
| 23 | 3070 | 9.4 | +21 34 | 6.93 | *7.93* | Ko | 5 | 0,4 | 37801i |
| 24 | 3128 | 9.4 | +16 4 | 8.5 | *8.6* | A2 | 2 | .. | 38455i |
| 25 | 3373 | 9.4 | + 6 29 | 9.1 | *9.2* | A2 | 3 | .. | 18982b |
| 26 | 3660 | 9.4 | + 0 32 | 10.5 | *11.5* | Ko | 1 | .. | 39408b |
| 27 | 4689 | 9.4 | −20 9 | 9.18 | 9.3 | Fo | 3 | .. | 40619b |
| 28 | 4690 | 9.4 | −20 10 | 9.13 | 9.3 | Ao | 4 | .. | 40619b |
| 29 | 12530 | 9.4 | −32 28 | 10.7 | 9.7 | B5 | 2 | .. | 40431b |
| 30 | 11890 | 9.4 | −33 5 | 10.2 | 10.0 | Ao | 1 | .. | 40431b |
| 31 | 11888 | 9.4 | −33 12 | 10.0 | 9.7 | F8 | 1 | .. | 40431b |
| 32 | 11253 | 9.4 | −39 30 | 8.4 | 9.8 | K5 | 3 | .. | 17037b |
| 33 | 11346 | 9.4 | −45 44 | 9.5 | 9.1 | B8 | 3 | .. | 17084b |
| 34 | 6760 | 9.4 | −60 38 | 8.7 | 9.7 | F2 | 3 | .. | 39370b |
| 35 | 2277 | 9.5 | +46 40 | 9.2 | *9.8* | Go | 4 | .. | 6040m |
| 36 | 2695 | 9.5 | +28 52 | 9.3 | *9.7* | F5 | 1 | .. | 37805i |
| 37 | 3130 | 9.5 | +16 29 | var. | var. | F8 | 5 | 0,2 R | 5404m |
| 38 | 3176 | 9.5 | +12 10 | 7.15 | *8.15* | Ko | 5 | .. | 37218i |
| 39 | 4453 | 9.5 | −16 37 | 10.5 | *11.5* | Ko | 2 | .. | 39378b |
| 40 | 13968 | 9.5 | −30 6 | 6.21 | 6.1 | Ao | .. | 0,7 | **56**,140 |
| 41 | 12533 | 9.5 | −32 12 | 9.6 | 10.0 | Ao | 3 | .. | 40431b |
| 42 | 11891 | 9.5 | −33 22 | 11.4 | 9.2 | Ao | 2 | .. | 40431b |
| 43 | 11699 | 9.5 | −38 32 | 8.7 | 9.2 | F8 | 5 | .. | 17037b |
| 44 | 11268 | 9.5 | −40 23 | 10.0 | 9.8 | A2 | 2 | .. | 19751b |
| 45 | 11556 | 9.5 | −48 43 | 9.5 | 9.4 | Fo | 2 | .. | 17084b |
| 46 | 11298 | 9.5 | −49 16 | 9.9 | 9.1 | F2 | 4 | .. | 17084b |
| 47 | 11133 | 9.5 | −50 5 | 9.00 | 8.9 | Go | 3 | .. | 19895b |
| 48 | 10557 | 9.5 | −52 40 | *8.9* | 9.4 | F8 | 2 | .. | 19961b |
| 49 | 8164 | 9.5 | −54 46 | 8.6 | 8.3 | B9 | 4 | .. | 39301b |
| 50 | 6762 | 9.5 | −60 42 | 8.5 | 10.3 | Mb | 1 | .. | 39370b |
| 51 | 5518 | 9.5 | −62 46 | *7.0* | 8.0 | Ko | .. | 0,8 | **56**,140 |
| 52 | 895 | 9.6 | +69 14 | 8.0 | *8.6* | Go | 2 | .. | 38095i |
| 53 | *3071* | 9.6 | +20 58 | 8.7 | *9.5* | G5 | 2 | .. | 38780i |
| 54 | 3276 | 9.6 | + 2 4 | 9.5 | *10.1* | Go | 2 | .. | 39408b |
| 55 | 3305 | 9.6 | − 1 14 | 9.0 | *9.5* | F8 | 3 | .. | 39399b |
| 56 | 4584 | 9.6 | −14 18 | 8.3 | *8.6* | F2 | 5 | .. | 16852b |
| 57 | 4470 | 9.6 | −18 19 | 10.8 | *10.9* | A2 | 3 | .. | 39378b |
| 58 | 13235 | 9.6 | −24 53 | 9.00 | 9.3 | A2 | 2 | .. | 17036b |
| 59 | 11270 | 9.6 | −40 46 | 8.7 | 9.0 | Bo | 3 | .. | 19751b |
| 60 | 11346 | 9.6 | −46 40 | 9.5 | 9.4 | B8 | 5 | .. | 17084b |
| 61 | 11558 | 9.6 | −48 23 | 9.5 | 9.7 | Ko | 2 | .. | 17084b |
| 62 | *8165* | 9.6 | −55 2 | *9.3* | 9.4 | A2 | 3 | .. | 39301b |
| 63 | 6763 | 9.6 | −60 8 | *9.8* | 9.8 | Ao | 3 | .. | 39370b |
| 64 | 3620 | 9.6 | −64 28 | *9.7* | 10.1 | F5 | 2 | .. | 39370b |
| 65 | 2704 | 9.7 | +43 54 | 9.3 | *9.8* | F8 | 4 | .. | 6040m |
| 66 | 3065 | 9.7 | +23 26 | 9.3 | *9.8* | F8 | 1 | .. | 38780i |
| 67 | 3206 | 9.7 | +14 42 | 8.1 | *8.5* | F5 | 3 | .. | 38455i |
| 68 | 4321 | 9.7 | − 2 23 | 8.28 | *9.06* | G5 | 2 | .. | 41559b |
| 69 | 4573 | 9.7 | −13 50 | 9.5 | *10.3* | G5 | 2 | .. | 40585b |
| 70 | 4585 | 9.7 | −14 28 | 6.15 | *7.15* | Ko | 6 | 0,9 | 8391b |
| 71 | 4754 | 9.7 | −17 24 | 10.3 | *10.7* | F5 | 3 | .. | 39378b |
| 72 | 12974 | 9.7 | −28 51 | 10.0 | 9.3 | Ao | 4 | .. | 17036b |
| 73 | 11896 | 9.7 | −33 59 | 10.9 | 10.8 | Ao | 1 | .. | 40431b |
| 74 | 11426 | 9.7 | −35 38 | 6.18 | 7.0 | F8 | .. | .. | **56**,140 |
| 75 | 11299 | 9.7 | −49 5 | 9.7 | 9.5 | G5 | 2 | .. | 17084b |
| 76 | 6949 | 9.7 | −59 7 | 9.1 | 9.7 | Ko | 3 | .. | 39301b |
| 77 | *2280* | 9.8 | +45 59 | 10.3 | *11.1* | G5 | 2 | .. | 6040m |
| 78 | 2931 | 9.8 | +35 33 | 7.9 | *8.0* | A2 | 5 | .. | 38779i |
| 79 | 3256 | 9.8 | +19 18 | 7.9 | *8.4* | F8 | 3 | .. | 38455i |
| 80 | 3196 | 9.8 | +17 12 | 7.88 | *7.88* | Ao | 4 | .. | 38455i |
| 81 | 4755 | 9.8 | −17 6 | 7.8 | *8.9* | K2 | 3 | .. | 16852b |
| 82 | 12055 | 9.8 | −25 50 | 10.7 | 10.2 | Ao | 1 | .. | 17036b |
| 83 | *12054* | 9.8 | −26 2 | 9.3 | 8.8 | B8 | 4 | .. | 17036b |
| 84 | 11902 | 9.8 | −33 18 | 10.7 | 10.0 | A2 | 1 | .. | 40431b |
| 85 | 11564 | 9.8 | −44 40 | 6.83 | 7.4 | B2 | 5 | .. | 4940b |
| 86 | 10561 | 9.8 | −52 59 | 9.1 | 9.5 | Ko | 1 | .. | 19961b |
| 87 | 5519 | 9.8 | −62 40 | *9.3* | 9.4 | A2 | 2 | .. | 39370b |
| 88 | 2674 | 9.9 | +44 44 | 9.5 | *10.3* | G5 | 3 | .. | 6040m |
| 89 | 2976 | 9.9 | +26 18 | 8.8 | *9.6* | G5 | 2 | .. | 37805i |
| 90 | 4413 | 9.9 | − 7 5 | 8.2 | *8.7* | F8 | 6 | .. | 14191b |
| 91 | 4494 | 9.9 | −15 51 | 10.1 | *10.9* | G5 | 2 | .. | 39378b |
| 92 | 4472 | 9.9 | −18 4 | 9.2 | *9.3* | A3 | 4 | .. | 16852b |
| 93 | 4557 | 9.9 | −21 49 | 9.3 | 10.2 | G5 | 1 | .. | 40627b |
| 94 | 11904 | 9.9 | −33 33 | 9.3 | 9.1 | A3 | 4 | .. | 40431b |
| 95 | 11352 | 9.9 | −45 21 | 11.0 | 10.5 | Ao | 1 | .. | 17084b |
| 96 | 11300 | 9.9 | −49 9 | 9.5 | 9.4 | Ko | 3 | .. | 17084b |
| 97 | 11301 | 9.9 | −49 13 | 10.3 | 9.4 | A2 | 2 | .. | 17084b |
| 98 | 10562 | 9.9 | −52 19 | 8.6 | 8.5 | B8 | 5 | .. | 19895b |
| 99 | *4085* | 9.9 | −64 0 | *8.5* | 8.8 | Fo | 2 | .. | 13775b |
| 100 | 2911 | 9.9 | −68 59 | *8.3* | 9.3 | Ko | 4 | .. | 42525b |



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1922AnHar..97....1C



## 156000 — $17^h\,10^m.0$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 2697 | 10.0 | +28 56 | 8.9 | *9.0* | A5 | 2 | .. | 37805i |
| 2 | 2977 | 10.0 | +26 56 | 8.7 | *9.5* | G5 | 3 | .. | 37805i |
| 3 | 4571 | 10.0 | − 6 23 | 8.4 | *8.4* | Ao | 5 | .. | 14191b |
| 4 | 12538 | 10.0 | −32 14 | 7.6 | 7.3 | B5 | 5 | .. | 40431b |
| 5 | 11435 | 10.0 | −37 17 | 8.4 | 10.0 | K5 | 2 | .. | 17037b |
| 6 | 11266 | 10.0 | −39 8 | 9.4 | 9.8 | Ao | 4 | .. | 17037b |
| 7 | 11356 | 10.0 | −46 6 | 10.6 | 10.2 | Go | 2 | .. | 17084b |
| 8 | 11384 | 10.0 | −47 38 | 10.3 | 9.4 | A3 | 3 | .. | 17084b |
| 9 | 11564 | 10.0 | −48 49 | 10.1 | 9.4 | F8 | 3 | .. | 17084b |
| 10 | 10799 | 10.0 | −51 54 | 8.6 | 9.1 | K2 | 3 | .. | 19895b |
| 11 | 768 | 10.1 | +72 16 | 7.58 | *8.65* | K2 | 4 | .. | 38095i |
| 12 | 3091 | 10.1 | +39 7 | 7.17 | *8.17* | Ko | 6 | .. | 38773i |
| 13 | 3133 | 10.1 | +15 26 | 9.1 | *9.5* | F5 | 1 | .. | 37218i |
| 14 | 3207 | 10.1 | +14 30 | 3.48 | *4.83* | Mb | .. | R | 3897c |
| 15 | | 10.1 | +14 30 | 5.39 | *6.74* | | | | |
| 16 | *3142* | 10.1 | +10 59 | 8.6 | *9.4* | G5 | 3 | .. | 18982b |
| 17 | 3170 | 10.1 | +10 51 | 9.1 | *9.4* | Fo | 3 | .. | 18982b |
| 18 | 3169 | 10.1 | +10 7 | 8.67 | *9.17* | F8 | 3 | .. | 18982b |
| 19 | *3350* | 10.1 | + 8 59 | 9.1 | *9.5* | F5 | 2 | .. | 18982b |
| 20 | 3354 | 10.1 | + 5 19 | 9.1 | *10.1* | Ko | 2 | .. | 37767i |
| 21 | 3370 | 10.1 | + 3 33 | 8.5 | *8.6* | A3 | 3 | .. | 37767i |
| 22 | 3278 | 10.1 | + 2 47 | 10.5 | *11.9* | Ma | 1 | .. | 39408b |
| 23 | 4462 | 10.1 | −10 11 | 7.26 | *7.68* | F5 | 10 | .. | 40585b |
| 24 | 4458 | 10.1 | −16 25 | 10.8 | *10.8* | Ao | 2 | .. | 39378b |
| 25 | 13239 | 10.1 | −24 12 | 9.5 | 9.6 | A5 | 1 | .. | 40627b |
| 26 | 12036 | 10.1 | −26 23 | 6.66 | 8.1 | K2 | .. | 3,4 R | **56**,140 |
| 27 | 11908 | 10.1 | −33 42 | 9.0 | 9.4 | Fo | 3 | .. | 40431b |
| 28 | 11710 | 10.1 | −38 20 | 10.9 | 10.4 | Ao | 1 | .. | 17037b |
| 29 | 11270 | 10.1 | −39 19 | 7.23 | 8.3 | G5 | 8 | .. | 17037b |
| 30 | *11355* | 10.1 | −47 0 | 8.5 | 9.5 | Ko | 5 | .. | 17084b |
| 31 | 11565 | 10.1 | −48 3 | 9.3 | 9.4 | G5 | 2 | .. | 17084b |
| 32 | 7055 | 10.1 | −58 9 | 8.8 | 10.3 | Ko | 1 | .. | 39301b |
| 33 | 6953 | 10.1 | −59 41 | *9.4* | 9.7 | Fo | 2 | .. | 39301b |
| 34 | 4525 | 10.2 | − 9 41 | 7.06 | *7.48* | F5 | 8 | .. | 14191b |
| 35 | 4495 | 10.2 | −15 28 | 9.3 | *9.4* | A5 | 1 | .. | 16852b |
| 36 | 4496 | 10.2 | −15 48 | 9.9 | *10.4* | F8 | 3 | .. | 39378b |
| 37 | 4459 | 10.2 | −16 41 | 9.2 | *10.0* | G5 | 2 | .. | 16852b |
| 38 | 13240 | 10.2 | −24 52 | 9.08 | 9.3 | Ao | 3 | .. | 17036b |
| 39 | 13344 | 10.2 | −29 37 | 8.7 | 9.2 | F8 | 4 | .. | 17036b |
| 40 | 13784 | 10.2 | −31 43 | 9.5 | 9.5 | B9 | 2 | .. | 40431b |
| 41 | 11432 | 10.2 | −35 22 | 9.3 | 9.7 | B5 | 2 | .. | 40431b |
| 42 | 11273 | 10.2 | −39 41 | 9.4 | 9.8 | F8 | 2 | .. | 17037b |
| 43 | 11438 | 10.2 | −41 44 | 9.0 | 9.3 | A2 | 2 | .. | 19751b |
| 44 | 11572 | 10.2 | −44 40 | 8.7 | 8.5 | A2 | 8 | .. | 17084b |
| 45 | 11358 | 10.2 | −45 26 | 11.6 | 10.3 | Ao | 1 | .. | 17084b |
| 46 | 11359 | 10.2 | −45 35 | 9.7 | 9.7 | B9 | 2 | .. | 17084b |
| 47 | 11149 | 10.2 | −50 28 | 9.0 | 9.4 | Ko | 1 | .. | 19961b |
| 48 | 10564 | 10.2 | −52 39 | 8.4 | 8.5 | A2 | 6 | .. | 19895b |
| 49 | 8423 | 10.2 | −57 20 | 8.0 | 7.9 | B9 | 7 | .. | 39301b |
| 50 | 8424 | 10.2 | −57 28 | *8.8* | 8.8 | Ao | 4 | .. | 39301b |
| 51 | 1707 | 10.3 | +58 5 | 7.26 | *7.68* | F5 | 7 | .. | 37802i |
| 52 | 2862 | 10.3 | +37 47 | 8.7 | *9.5* | G5 | 1 | .. | 38779i |
| 53 | 2700 | 10.3 | +28 7 | 9.2 | *9.6* | F5 | 1 | .. | 37805i |
| 54 | 3355 | 10.3 | + 5 55 | 9.5 | *9.9* | F5 | 2 | .. | 18982b |
| 55 | 3250 | 10.3 | − 0 58 | 8.9 | *9.5* | Go | 4 | .. | 39399b |
| 56 | 4406 | 10.3 | − 8 33 | 8.7 | *8.7* | Ao | 4 | .. | 14191b |
| 57 | 4577 | 10.3 | −13 23 | 8.9 | *8.9* | Ao | 5 | .. | 40585b |
| 58 | 4460 | 10.3 | −16 4 | 7.54 | *7.96* | F5 | 7 | .. | 16852b |
| 59 | 4475 | 10.3 | −18 55 | 9.9 | *10.2* | Fo | 3 | .. | 40619b |
| 60 | 4310 | 10.3 | −22 3 | 9.3 | 9.8 | F8 | 1 | .. | 40627b |
| 61 | 12058 | 10.3 | −25 12 | 7.06 | 7.9 | Ko | 7 | .. | 17036b |
| 62 | 11543 | 10.3 | −27 28 | 7.5 | 8.2 | Go | 5 | .. | 17036b |
| 63 | 12985 | 10.3 | −28 13 | 9.7 | 9.6 | A5 | 2 | .. | 17036b |
| 64 | 13789 | 10.3 | −31 30 | 9.5 | 9.7 | Ao | 2 | .. | 40431b |
| 65 | 12542 | 10.3 | −32 16 | 9.4 | 10.0 | Ko | 1 | .. | 40431b |
| 66 | 11913 | 10.3 | −33 34 | 11.1 | 10.4 | B9 | 1 | .. | 40431b |
| 67 | 11713 | 10.3 | −38 30 | 10.4 | 10.3 | Ao | 1 | .. | 17037b |
| 68 | 11274 | 10.3 | −39 37 | 9.8 | 10.0 | F8 | 1 | .. | 17037b |
| 69 | 11996 | 10.3 | −42 13 | 9.5 | 8.6 | Ao | 4 | .. | 19751b |
| 70 | 11306 | 10.3 | −49 21 | 7.6 | 7.5 | B5 | 9 | .. | 17084b |
| 71 | 10800 | 10.3 | −51 40 | 10.6 | 9.5 | Ko | 1 | .. | 19895b |
| 72 | 8426 | 10.3 | −57 32 | *9.4* | 9.4 | A | 1 | .. | 39301b |
| 73 | 505 | 10.4 | +82 2 | 8.6 | *9.1* | F8 | 1 | .. | 37240i |
| 74 | 2811 | 10.4 | +42 15 | 7.74 | .. | Ro | 3 | .. | 38773i |
| 75 | 2895 | 10.4 | +38 39 | 8.8 | *9.2* | F5 | 1 | .. | 38779i |
| 76 | 3404 | 10.4 | + 1 6 | 10.1 | *10.1* | Ao | 2 | .. | 39408b |
| 77 | 4461 | 10.4 | −16 8 | 9.5 | *9.5* | Ao | 2 | .. | 16852b |
| 78 | 4560 | 10.4 | −21 38 | 10.5 | 10.4 | A | 1 | .. | 40627b |
| 79 | 4559 | 10.4 | −21 44 | 7.50 | 8.3 | Go | 7 | .. | 40627b |
| 80 | 13283 | 10.4 | −23 39 | 9.3 | 9.5 | A2 | 2 | .. | 40627b |
| 81 | 11917 | 10.4 | −33 28 | 10.9 | 9.7 | B9 | 3 | .. | 40431b |
| 82 | 11916 | 10.4 | −33 37 | 10.7 | 10.6 | G5 | 1 | .. | 40431b |
| 83 | 11914 | 10.4 | −33 50 | 10.9 | 10.3 | Ao | 1 | .. | 40431b |
| 84 | 11277 | 10.4 | −39 46 | 10.0 | 10.1 | Ao | 1 | .. | 17037b |
| 85 | 11362 | 10.4 | −45 10 | 9.16 | 9.4 | B8 | 5 | .. | 17084b |
| 86 | 10567 | 10.4 | −52 53 | 8.0 | 8.5 | K2 | 4 | .. | 19895b |
| 87 | 8428 | 10.4 | −57 27 | *9.0* | 9.5 | F8 | 2 | .. | 39301b |
| 88 | 7058 | 10.4 | −58 17 | *9.4* | 10.2 | G5 | 1 | .. | 39301b |
| 89 | 7060 | 10.4 | −58 28 | *9.5* | 10.0 | F8 | 2 | .. | 39301b |
| 90 | 7059 | 10.4 | −58 54 | 9.0 | 9.4 | A2 | 5 | .. | 39301b |
| 91 | 6954 | 10.4 | −59 35 | 6.03 | 7.6 | K2 | 8 | .. | 13775b |
| 92 | 43 | 10.4 | −89 12 | *10.7* | 10.7 | A | 1 | R | 22980b |
| 93 | 2980 | 10.5 | +26 11 | 6.95 | *7.95* | Ko | 7 | .. | 37805i |
| 94 | 3137 | 10.5 | +15 31 | 8.5 | *9.7* | K5 | 1 | .. | 37218i |
| 95 | 4578 | 10.5 | −19 13 | 8.1 | 8.9 | A5 | 5 | .. | 40619b |
| 96 | 13986 | 10.5 | −30 15 | 7.21 | 7.6 | Fo | 3 | 0,8 | 43292b |
| 97 | 13792 | 10.5 | −31 3 | 8.9 | 9.7 | G5 | 1 | .. | 40431b |
| 98 | 12545 | 10.5 | −32 33 | 5.55 | 5.5 | F5 | .. | 0,10 | **56**,140 |
| 99 | 11919 | 10.5 | −33 19 | 8.8 | 8.6 | B9 | 5 | .. | 40431b |
| 100 | *11918* | 10.5 | −34 0 | 9.4 | 9.4 | Ao | 3 | .. | 40431b |



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## 156100 — $17^h\ 10^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11717 | 10.5 | −38 56 | 9.0 | 10.5 | K5 | 1 | .. | 17037b |
| 2 | 11564 | 10.5 | −43 49 | 9.7 | 9.5 | Ao | 3 | .. | 17084b |
| 3 | 11576 | 10.5 | −44 16 | 8.5 | 9.1 | B3 | 3 | .. | 17084b |
| 4 | 11567 | 10.5 | −48 6 | 10.6 | 9.7 | B9 | 2 | .. | 17084b |
| 5 | 10802 | 10.5 | −51 30 | 10.6 | 9.4 | Ao | 2 | .. | 19895b |
| 6 | 8019 | 10.5 | −55 32 | *9.3* | 9.4 | A5 | 2 | .. | 39301b |
| 7 | 5880 | 10.5 | −61 38 | 9.1 | 9.8 | Ao | 3 | .. | 39370b |
| 8 | 2912 | 10.5 | −68 34 | *8.9* | 9.9 | Ko | 2 | .. | 42525b |
| 9 | *635* | 10.6 | +75 59 | 7.97 | *9.04* | K2 | 1 | .. | 37240i |
| 10 | 2509 | 10.6 | +45 30 | 7.44 | *7.27* | B3 | 7 | .. | 38566i |
| 11 | 3264 | 10.6 | +19 50 | 7.35 | *8.13* | G5 | 4 | .. | 38455i |
| 12 | 3372 | 10.6 | + 3 52 | 9.3 | *10.3* | Ko | 2 | .. | 37767i |
| 13 | 3306 | 10.6 | − 1 11 | 8.9 | *9.4* | F8 | 4 | .. | 39399b |
| 14 | 4414 | 10.6 | − 7 55 | 8.2 | *8.8* | Go | 4 | .. | 14191b |
| 15 | 4502 | 10.6 | −15 6 | 6.75 | *7.82* | K2 | 6 | .. | 16852b |
| 16 | 4501 | 10.6 | −15 59 | 9.0 | *9.0* | Ao | 4 | .. | 16852b |
| 17 | 13987 | 10.6 | −30 13 | 9.7 | 9.1 | F5 | 3 | .. | 40431b |
| 18 | 13794 | 10.6 | −31 22 | 9.0 | 9.1 | B9 | 3 | .. | 40431b |
| 19 | 12547 | 10.6 | −32 40 | 10.9 | 9.7 | B8 | 2 | .. | 40431b |
| 20 | *12548* | 10.6 | −33 2 | 10.7 | 10.0 | Ao | 2 | .. | 40431b |
| 21 | 11608 | 10.6 | −34 10 | 10.4 | 10.0 | F8 | 1 | .. | 40431b |
| 22 | 11363 | 10.6 | −45 46 | 9.7 | 9.7 | Fo | 2 | .. | 17084b |
| 23 | 11158 | 10.6 | −50 6 | 7.10 | 7.3 | Ao | 10 | .. | 19895b |
| 24 | 6772 | 10.6 | −60 38 | *10.1* | 10.2 | A2 | 1 | .. | 39370b |
| 25 | 1207 | 10.6 | −76 5 | *8.9* | 9.7 | G5 | 1 | .. | 42633b |
| 26 | 1645 | 10.7 | +61 56 | 8.4 | *8.7* | F2 | 4 | .. | 38536i |
| 27 | 1742 | 10.7 | +57 21 | 8.2 | *8.2* | B9 | 5 | .. | 37802i |
| 28 | 3154 | 10.7 | +24 12 | 8.1 | *8.4* | Fo | 4 | .. | 37805i |
| 29 | 3201 | 10.7 | +17 55 | 7.48 | *8.66* | K5 | 2 | .. | 38455i |
| 30 | 3323 | 10.7 | + 7 12 | 9.1 | *9.1* | B9 | 3 | .. | 18982b |
| 31 | 3369 | 10.7 | + 4 12 | 8.5 | *8.6* | A2 | 4 | .. | 37767i |
| 32 | 4478 | 10.7 | −18 24 | 9.5 | *10.5* | Ko | 2 | .. | 39378b |
| 33 | 13989 | 10.7 | −30 40 | 8.3 | 10.4 | K5 | 1 | .. | 40431b |
| 34 | 11441 | 10.7 | −35 27 | 8.0 | 8.2 | B2 | 5 | 2,4 | 17037b |
| 35 | 11722 | 10.7 | −38 33 | 8.8 | 9.3 | Ao | 4 | .. | 17037b |
| 36 | 11366 | 10.7 | −45 8 | 10.1 | 10.3 | G5 | 1 | .. | 17084b |
| 37 | 11364 | 10.7 | −45 59 | 9.2 | 8.5 | B8 | 6 | .. | 17084b |
| 38 | 11398 | 10.7 | −47 57 | 8.4 | 9.2 | Ko | 5 | .. | 17084b |
| 39 | 8145 | 10.7 | −56 15 | 8.4 | 8.2 | Ao | 5 | .. | 39301b |
| 40 | *5885* | 10.7 | −62 0 | *8.6* | 9.1 | F8 | 3 | .. | 39370b |
| 41 | 770 | 10.8 | +72 0 | 9.0 | *10.0* | Ko | 1 | .. | 38095i |
| 42 | 999 | 10.8 | +66 23 | 8.4 | *8.5* | A2 | 5 | .. | 38536i |
| 43 | 2702 | 10.8 | +28 5 | 8.6 | *9.0* | F5 | 2 | .. | 37805i |
| 44 | 3141 | 10.8 | +15 2 | 8.29 | *9.29* | Ko | 1 | .. | 38455i |
| 45 | 3180 | 10.8 | +12 3 | 8.4 | *8.8* | F5 | 4 | .. | 18982b |
| 46 | *3146* | 10.8 | +10 59 | 8.1 | *8.9* | G5 | 4 | .. | 18982b |
| 47 | 3353 | 10.8 | + 9 21 | 8.5 | *9.0* | F8 | 5 | .. | 18982b |
| 48 | 3376 | 10.8 | + 8 47 | 10.5 | *10.9* | F5 | 1 | .. | 18982b |
| 49 | 4415 | 10.8 | − 7 9 | 9.5 | *9.6* | A2 | 3 | .. | 14191b |
| 50 | *4758* | 10.8 | −18 1 | 9.0 | *9.4* | F5 | 4 | .. | 16852b |
| 51 | 12994 | 10.8 | −28 34 | 9.7 | 9.3 | A3 | 4 | .. | 17036b |
| 52 | 13799 | 10.8 | −31 56 | 7.9 | 8.6 | Go | 6 | .. | 40431b |
| 53 | 11610 | 10.8 | −34 45 | 9.0 | 10.5 | Ko | 1 | .. | 40431b |
| 54 | 11445 | 10.8 | −35 25 | 8.4 | 8.5 | Bo | 5 | 0,5 | 17037b |
| 55 | 11446 | 10.8 | −37 5 | 10.2 | 9.7 | A | 4 | .. | 17037b |
| 56 | 11445 | 10.8 | −37 10 | 8.0 | 7.9 | A2 | 7 | .. | 17037b |
| 57 | 11567 | 10.8 | −43 28 | 7.2 | 7.4 | B9 | 10 | .. | 19751b |
| 58 | 5523 | 10.8 | −62 24 | *9.2* | 9.2 | Ao | 3 | .. | 39370b |
| 59 | 759 | 10.9 | +73 17 | 8.0 | *8.1* | A2 | 3 | .. | 38095i |
| 60 | 1920 | 10.9 | +55 43 | 8.4 | *9.2* | G5 | 2 | .. | 37802i |
| 61 | 1868 | 10.9 | +54 16 | 9.2 | *10.0* | G5 | 3 | .. | 36109i |
| 62 | 1869 | 10.9 | +54 16 | 7.02 | *7.30* | Fo | 8 | .. | 37802i |
| 63 | 2843 | 10.9 | +36 29 | var. | var. | Mb | 2 | R | 38779i |
| 64 | *3221* | 10.9 | +24 57 | 3.16 | *3.22* | A2 | .. | R | 2614c |
| 65 | 3076 | 10.9 | +21 41 | 8.8 | *9.8* | Ko | 1 | .. | 38780i |
| 66 | 3378 | 10.9 | + 6 31 | 7.9 | *8.0* | A2 | 5 | .. | 37767i |
| 67 | 3371 | 10.9 | + 4 55 | 8.86 | *9.28* | F5 | 3 | .. | 37767i |
| 68 | 3281 | 10.9 | + 2 49 | 8.4 | *8.5* | A2 | 3 | .. | 37767i |
| 69 | 4759 | 10.9 | −17 48 | 7.42 | *8.20* | G5 | 6 | .. | 16852b |
| 70 | 12045 | 10.9 | −26 20 | 9.5 | 10.2 | Ao | 1 | .. | 17036b |
| 71 | 11926 | 10.9 | −33 38 | 10.2 | 10.4 | Ao | 1 | .. | 40431b |
| 72 | 11445 | 10.9 | −41 57 | 8.0 | 8.0 | Bo | 4 | .. | 19751b |
| 73 | 11407 | 10.9 | −47 43 | 8.1 | 7.4 | B9 | 3 | .. | 4940b |
| 74 | 11409 | 10.9 | −47 59 | 8.9 | 8.5 | Ao | 7 | .. | 17084b |
| 75 | 11575 | 10.9 | −48 26 | 9.2 | 10.0 | Ko | 2 | .. | 17084b |
| 76 | 8025 | 10.9 | −55 3 | 9.07 | 9.1 | Ko | 2 | .. | 39301b |
| 77 | 3433 | 10.9 | −65 26 | *9.1* | 10.1 | Ko | 2 | .. | 39370b |
| 78 | 3093 | 11.0 | +39 14 | 9.3 | *10.7* | Mb | .. | .. | M |
| 79 | *3324* | 11.0 | + 6 57 | 8.1 | *9.2* | K2 | 2 | .. | 37767i |
| 80 | 4464 | 11.0 | −16 6 | 9.3 | *10.3* | Ko | 3 | .. | 39378b |
| 81 | 4465 | 11.0 | −16 23 | 9.9 | *10.9* | Ko | 3 | .. | 39378b |
| 82 | 4311 | 11.0 | −22 21 | 9.2 | 9.8 | Go | 2 | .. | 40627b |
| 83 | 13250 | 11.0 | −24 42 | 9.5 | 9.9 | K2 | 1 | .. | 17036b |
| 84 | 13996 | 11.0 | −30 3 | 6.93 | 7.7 | G5 | .. | 0,8- | 56,140 |
| 85 | 13998 | 11.0 | −30 19 | 9.2 | 10.3 | K5 | 1 | .. | 40431b |
| 86 | 13802 | 11.0 | −31 24 | 10.2 | 10.3 | Ao | 1 | .. | 40431b |
| 87 | 12559 | 11.0 | −32 4 | 9.4 | 9.4 | B3 | 3 | .. | 40431b |
| 88 | 11929 | 11.0 | −33 26 | 9.4 | 10.0 | F5 | 2 | .. | 40431b |
| 89 | 12006 | 11.0 | −42 48 | 7.9 | 7.3 | A2 | 8 | .. | 19751b |
| 90 | *2719* | 11.0 | −70 1 | 5.60 | *5.55* | B8 | .. | 1,R | 56,140 |
| 91 | 787 | 11.0 | −81 31 | *8.9* | 10.3 | Mb | 3 | R | 43458b |
| 92 | 1334 | 11.1 | +63 15 | 8.4 | *8.5* | A2 | 5 | .. | 38536i |
| 93 | 2282 | 11.1 | +46 5 | 10.0 | *10.8* | G5 | 2 | .. | 6040m |
| 94 | 3326 | 11.1 | + 7 14 | 9.1 | *9.9* | G5 | 3 | .. | 18982b |
| 95 | 3252 | 11.1 | − 0 48 | 9.8 | *11.0* | K5 | 1 | .. | 39399b |
| 96 | 4466 | 11.1 | −16 26 | 8.9 | *10.0* | K2 | 3 | .. | 39378b |
| 97 | 4313 | 11.1 | −22 30 | 10.5 | 10.4 | A | 1 | .. | 40627b |
| 98 | 13999 | 11.1 | −30 37 | 10.7 | 9.4 | Ao | 4 | .. | 40431b |
| 99 | 11932 | 11.1 | −33 12 | 10.4 | 10.0 | A3 | 4 | .. | 40431b |
| 100 | 11934 | 11.1 | −33 59 | 8.0 | 8.2 | F8 | 6 | .. | 40431b |



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1922AnHar..97....1C



## 156200 — $17^h\ 11^m.1$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11448 | 11.1 | −35 7 | 7.77 | 8.0 | Bo | 5 | .. | 40431b |
| 2 | 11285 | 11.1 | −39 54 | 10.0 | 10.0 | F8 | 1 | .. | 17037b |
| 3 | 11580 | 11.1 | −48 58 | 9.5 | 9.2 | F8 | 3 | .. | 17084b |
| 4 | 7064 | 11.1 | −58 30 | *9.1* | 9.7 | Go | 2 | .. | 39301b |
| 5 | *1710* | 11.2 | +57 59 | var. | var. | Mc | .. | R | **55**,277 |
| 6 | 3202 | 11.2 | +17 57 | 7.6 | *8.7* | K2 | 3 | .. | 38455i |
| 7 | 3373 | 11.2 | + 3 38 | 9.5 | *10.3* | G5 | 1 | .. | 37767i |
| 8 | 3283 | 11.2 | + 2 18 | 6.02 | *6.02* | Ao | 9 | .. | 37767i |
| 9 | 4527 | 11.2 | − 9 23 | 9.5 | *10.1* | Go | 2 | .. | 14191b |
| 10 | 4761 | 11.2 | −17 32 | 9.0 | *9.1* | A2 | 4 | .. | 16852b |
| 11 | 4760 | 11.2 | −17 52 | 8.9 | *9.2* | F2 | 4 | .. | 16852b |
| 12 | 11554 | 11.2 | −27 40 | 7.4 | 8.1 | B2 | 5 | .. | 17036b |
| 13 | 11935 | 11.2 | −33 31 | 9.6 | 9.4 | B8 | 2 | .. | 40431b |
| 14 | 11728 | 11.2 | −38 16 | 10.0 | 10.1 | A2 | 1 | .. | 17037b |
| 15 | 11729 | 11.2 | −38 49 | 9.4 | 9.8 | B8 | 4 | .. | 17037b |
| 16 | 11288 | 11.2 | −39 35 | 7.18 | 8.4 | K2 | 7 | .. | 17037b |
| 17 | 11368 | 11.2 | −46 21 | 9.2 | 9.7 | Ko | 3 | .. | 17084b |
| 18 | 11582 | 11.2 | −48 23 | 9.3 | 9.5 | Ko | 3 | .. | 17084b |
| 19 | 11317 | 11.2 | −49 14 | 7.6 | 8.6 | K2 | 5 | .. | 17084b |
| 20 | 10571 | 11.2 | −52 45 | 8.4 | 8.8 | Ko | 4 | .. | 19895b |
| 21 | 3434 | 11.2 | −65 8 | *9.9* | 9.9 | Ao | 2 | .. | 39370b |
| 22 | 646 | 11.3 | +77 26 | 8.4 | *8.4* | Ao | 3 | .. | 37240i |
| 23 | 2037 | 11.3 | +52 25 | 8.6 | *8.7* | A5 | 2 | .. | 38777i |
| 24 | 2956 | 11.3 | +30 25 | 8.1 | *8.9* | G5 | 2 | .. | 38499i |
| 25 | 3148 | 11.3 | +11 1 | 8.7 | *8.8* | A2 | 5 | .. | 18982b |
| 26 | 3374 | 11.3 | + 4 56 | 9.16 | *9.24* | A3 | 2 | .. | 37767i |
| 27 | 4575 | 11.3 | − 6 8 | 6.16 | *7.16* | Ko | 8 | 5,10 | 41559b |
| 28 | 4704 | 11.3 | −12 59 | 7.47 | *8.25* | G5 | 7 | .. | 40585b |
| 29 | 14004 | 11.3 | −30 40 | 8.7 | 9.1 | G5 | 4 | .. | 40431b |
| 30 | 13806 | 11.3 | −31 13 | 10.2 | 10.2 | Ao | 1 | .. | 40431b |
| 31 | 11616 | 11.3 | −34 34 | 10.2 | 10.6 | A3 | 2 | .. | 40431b |
| 32 | 11730 | 11.3 | −38 3 | 6.71 | 7.0 | Ao | 10 | .. | 17037b |
| 33 | 12011 | 11.3 | −42 50 | 9.9 | 9.0 | Bo | 3 | .. | 19751b |
| 34 | 12012 | 11.3 | −42 53 | 8.1 | 7.6 | B3 | 6 | .. | 19751b |
| 35 | 11369 | 11.3 | −46 3 | 10.6 | 9.8 | Ao | 3 | .. | 17084b |
| 36 | 11367 | 11.3 | −46 42 | 7.7 | 8.0 | F2 | 9 | .. | 17084b |
| 37 | 11169 | 11.3 | −50 39 | 9.7 | 9.4 | A | 2 | .. | 19961b |
| 38 | 10572 | 11.3 | −52 49 | 8.8 | 9.4 | K2 | 2 | .. | 19895b |
| 39 | 8529 | 11.3 | −53 17 | 8.3 | 8.8 | G5 | 3 | .. | 19961b |
| 40 | 8193 | 11.3 | −54 15 | 8.6 | 8.3 | A3 | 4 | .. | 39301b |
| 41 | *8191* | 11.3 | −55 1 | 7.42 | 7.3 | A2 | 8 | .. | 39301b |
| 42 | 8032 | 11.3 | −55 47 | 8.5 | 8.0 | B8 | 5 | .. | 39301b |
| 43 | 4087 | 11.3 | −63 50 | *8.4* | 9.4 | Ko | 4 | .. | 39370b |
| 44 | 2371 | 11.3 | −70 20 | 7.20 | 8.7 | Ko | .. | 0,5- | **56**,140 |
| 45 | 1371 | 11.3 | −75 54 | *9.0* | 9.1 | A2 | 5 | .. | 42633b |
| 46 | 2510 | 11.4 | +45 47 | 9.1 | *9.5* | F5 | 5 | .. | 6040m |
| 47 | 3408 | 11.4 | + 1 19 | var. | var. | B8 | 8 | R | 37767i |
| 48 | 4464 | 11.4 | −10 47 | 8.6 | *8.9* | Fo | 4 | .. | 40585b |
| 49 | *4332* | 11.4 | −12 2 | 9.2 | *10.3* | K2 | 1 | .. | 40585b |
| 50 | 4592 | 11.4 | −14 9 | 9.2 | *10.2* | Ko | 1 | .. | 40585b |
| 51 | *13253* | 11.4 | −25 0 | 9.05 | 9.3 | F2 | 3 | .. | 17036b |
| 52 | 12048 | 11.4 | −26 31 | 6.90 | 7.0 | Ao | 5 | .. | 43292b |
| 53 | 13001 | 11.4 | −28 50 | 8.5 | 9.1 | Go | 6 | .. | 17036b |
| 54 | 13808 | 11.4 | −31 51 | 9.7 | 9.1 | B8 | 3 | .. | 40431b |
| 55 | 11936 | 11.4 | −33 22 | 9.4 | 9.4 | Fo | 3 | .. | 40431b |
| 56 | 11617 | 11.4 | −34 6 | 8.2 | 8.6 | B8 | 6 | .. | 40431b |
| 57 | *11378* | 11.4 | −46 0 | 10.1 | 9.8 | A3 | 2 | .. | 17084b |
| 58 | 11416 | 11.4 | −47 39 | 10.3 | 10.0 | Ao | 4 | .. | 17084b |
| 59 | 10807 | 11.4 | −51 21 | 9.3 | 9.4 | F8 | 2 | .. | 19895b |
| 60 | 8531 | 11.4 | −53 16 | 8.6 | 8.8 | G | 2 | .. | 19961b |
| 61 | 5887 | 11.4 | −61 21 | 9.2 | 10.2 | Go | 1 | .. | 39370b |
| 62 | 1622 | 11.4 | −74 57 | 8.38 | 8.4 | Ao | 5 | .. | 42633b |
| 63 | 2706 | 11.5 | +43 38 | 9.1 | *9.2* | A3 | 5 | .. | 6040m |
| 64 | 2704 | 11.5 | +28 45 | 10.6 | *11.2* | G | 2 | .. | 37805i |
| 65 | 3377 | 11.5 | + 4 55 | 8.91 | *9.69* | G5 | 3 | .. | 39408b |
| 66 | 3255 | 11.5 | − 0 20 | 4.82 | *5.82* | Ko | .. | 0,10- | **56**,94 |
| 67 | 4465 | 11.5 | −10 33 | 8.4 | *8.4* | Ao | 7 | .. | 40585b |
| 68 | *4482* | 11.5 | −19 0 | 9.5 | *10.5* | Ko | 2 | .. | 39378b |
| 69 | 11937 | 11.5 | −33 7 | 10.0 | 9.1 | B5 | 4 | .. | 40431b |
| 70 | 11295 | 11.5 | −39 42 | 10.2 | 9.8 | Ao | 2 | .. | 17037b |
| 71 | 12015 | 11.5 | −42 53 | 9.3 | 9.0 | B5 | 2 | .. | 19751b |
| 72 | 11588 | 11.5 | −44 14 | 9.9 | 9.7 | Go | 2 | .. | 17084b |
| 73 | 11587 | 11.5 | −44 45 | 9.1 | 8.9 | A2 | 7 | .. | 17084b |
| 74 | 11370 | 11.5 | −46 32 | 5.58 | 7.2 | Ko | .. | .. | **56**,140 |
| 75 | 11588 | 11.5 | −48 36 | 7.8 | 7.3 | B9 | 9 | .. | 17084b |
| 76 | 8534 | 11.5 | −53 43 | 7.8 | 7.9 | B9 | 7 | .. | 19961b |
| 77 | 3310 | 11.5 | −67 40 | 4.74 | 6.6 | K2 | .. | 2,R | **28**,212 |
| 78 | 549 | 11.5 | −84 28 | *9.5* | 10.0 | F8 | 2 | .. | 43458b |
| 79 | 1335 | 11.6 | +63 28 | 8.0 | *9.0* | Ko | 2 | .. | 38536i |
| 80 | 1921 | 11.6 | +55 35 | 7.50 | *7.92* | F5 | 6 | .. | 37802i |
| 81 | 2511 | 11.6 | +45 18 | 7.98 | *9.33* | Mb | 6 | 0,1 | 6040m |
| 82 | 2813 | 11.6 | +42 21 | 7.9 | *8.5* | Go | 5 | .. | 38773i |
| 83 | 2844 | 11.6 | +36 55 | 3.36 | *4.54* | K5 | .. | R | 2781c |
| 84 | 3070 | 11.6 | +23 52 | 6.10 | *7.17* | K2 | 7 | .. | 37805i |
| 85 | 3206 | 11.6 | +17 21 | 8.5 | *9.5* | Ko | 1 | .. | 38780i |
| 86 | 3360 | 11.6 | + 5 15 | 7.9 | *8.0* | A2 | 5 | .. | 37767i |
| 87 | 3375 | 11.6 | + 3 31 | 8.1 | *8.6* | F8 | 6 | .. | 37767i |
| 88 | 4530 | 11.6 | − 9 5 | 8.8 | *9.6* | G5 | 2 | .. | 14191b |
| 89 | *4483* | 11.6 | −19 2 | 10.8 | 10.7 | A | 1 | .. | 39378b |
| 90 | 11297 | 11.6 | −39 26 | 8.0 | 9.8 | Ma | 3 | .. | 17037b |
| 91 | 11298 | 11.6 | −40 40 | 10.0 | 10.3 | K2 | 1 | .. | 19751b |
| 92 | 12018 | 11.6 | −42 47 | 8.4 | 7.4 | B5 | 7 | .. | 19751b |
| 93 | *11572* | 11.6 | −44 1 | 6.08 | 6.2 | B9 | 8 | .. | 4940b |
| 94 | 11383 | 11.6 | −45 52 | var. | var. | Nb | .. | R | M |
| 95 | *1336* | 11.7 | +62 59 | 5.47 | *5.55* | A3 | 9 | .. | 38536i |
| 96 | 2873 | 11.7 | +32 41 | 8.0 | *9.2* | K5 | 2 | .. | 38499i |
| 97 | 2874 | 11.7 | +32 12 | 8.1 | *8.2* | A2 | 3 | .. | 38499i |
| 98 | 3376 | 11.7 | + 3 6 | 8.7 | *9.5* | G5 | 2 | .. | 37767i |
| 99 | 4763 | 11.7 | −17 46 | 8.9 | *8.9* | B8 | 4 | .. | 16852b |
| 100 | 11560 | 11.7 | −27 40 | 8.5 | 8.8 | B9 | 4 | .. | 17036b |



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1922AnHar..97....1C



## 156300 — 17h 11m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11740 | 11.7 | −38 41 | 8.4 | 9.0 | F8 | 6 | .. | 17037b |
| 2 | 11387 | 11.7 | −45 24 | 9.2 | 9.1 | A2 | 4 | .. | 17084b |
| 3 | 11374 | 11.7 | −46 45 | 10.1 | 9.4 | Ao | 7 | .. | 17084b |
| 4 | 11373 | 11.7 | −46 56 | 10.3 | 10.3 | Ao | 2 | .. | 17084b |
| 5 | 11419 | 11.7 | −47 2 | 10.6 | 10.5 | G5 | 1 | .. | 17084b |
| 6 | 11593 | 11.7 | −48 2 | 9.1 | 9.5 | Ko | 3 | .. | 17084b |
| 7 | 11175 | 11.7 | −50 18 | 9.2 | 9.2 | Ko | 1 | .. | 19961b |
| 8 | 8441 | 11.7 | −57 59 | 8.8 | 8.8 | K2 | 2 | .. | 39301b |
| 9 | 6967 | 11.7 | −59 49 | *9.8* | 9.8 | B9 | 2 | .. | 39301b |
| 10 | 4088 | 11.7 | −63 29 | *7.0* | 8.1 | K2 | 7 | .. | 13775b |
| 11 | 1131 | 11.7 | −78 57 | *9.7* | 10.1 | F5 | 2 | .. | 19008b |
| 12 | 919 | 11.7 | −79 45 | *8.6* | 9.4 | G5 | 4 | .. | 19008b |
| 13 | *2444* | 11.8 | +46 59 | 9.0 | *10.0* | Ko | 4 | .. | 6040m |
| 14 | 3151 | 11.8 | +11 14 | 8.7 | *9.2* | F8 | 3 | .. | 18982b |
| 15 | 3174 | 11.8 | +10 31 | 8.6 | *9.8* | K5 | 1 | .. | 18982b |
| 16 | 3409 | 11.8 | + 1 47 | 9.26 | *9.76* | F8 | 3 | .. | 39408b |
| 17 | 4326 | 11.8 | − 2 46 | 8.6 | *8.6* | Ao | 3 | .. | 39399b |
| 18 | 4577 | 11.8 | − 6 41 | 8.2 | *8.2* | Ao | 7 | .. | 14191b |
| 19 | 4764 | 11.8 | −17 43 | 9.3 | *9.3* | Ao | 4 | .. | 16852b |
| 20 | 14015 | 11.8 | −30 20 | 9.5 | 9.7 | A3 | 2 | .. | 40431b |
| 21 | 12574 | 11.8 | −32 13 | 8.2 | 8.2 | B3 | 5 | .. | 40431b |
| 22 | 12575 | 11.8 | −32 16 | 9.0 | 7.6 | B | 4 | R | 40431b |
| 23 | | 11.8 | −32 16 | | | | | | |
| 24 | 12576 | 11.8 | −32 18 | 10.2 | 8.6 | B9 | 4 | .. | 40431b |
| 25 | 12573 | 11.8 | −32 27 | 6.41 | 6.1 | B8 | 9 | .. | 40431b |
| 26 | *11943* | 11.8 | −34 0 | 9.4 | 9.7 | B8 | 2 | .. | 40431b |
| 27 | 11622 | 11.8 | −34 18 | 9.4 | 10.0 | Oa | 3 | .. | 40431b |
| 28 | 11454 | 11.8 | −37 58 | 10.4 | 9.7 | Ao | 2 | .. | 17037b |
| 29 | 11461 | 11.8 | −41 31 | 10.0 | 10.0 | A3 | 1 | .. | 19751b |
| 30 | 11327 | 11.8 | −49 20 | 8.7 | 8.3 | B8 | 5 | .. | 19895b |
| 31 | 11324 | 11.8 | −49 58 | 6.47 | 6.9 | Fo | 9 | .. | 19895b |
| 32 | 8203 | 11.8 | −54 27 | *9.1* | 9.1 | Ao | 2 | .. | 39301b |
| 33 | 8444 | 11.8 | −57 24 | 7.5 | 8.0 | F2 | 6 | .. | 39301b |
| 34 | 7067 | 11.8 | −58 26 | *9.4* | 10.6 | K5 | 1 | .. | 39301b |
| 35 | 6969 | 11.8 | −59 20 | 7.1 | 7.2 | Ao | 5 | 0,9 | 43198b |
| 36 | 6968 | 11.8 | −59 29 | *10.0* | 10.0 | Ao | 2 | .. | 39301b |
| 37 | 2721 | 11.8 | −69 31 | *9.0* | 10.2 | K5 | 1 | .. | 42525b |
| 38 | 1711 | 11.9 | +58 38 | 8.6 | *9.1* | F8 | 3 | .. | 37802i |
| 39 | 2935 | 11.9 | +35 19 | 8.1 | *9.2* | K2 | 1 | .. | 38779i |
| 40 | 3228 | 11.9 | +25 42 | 9.3 | *9.9* | Go | 2 | .. | 37805i |
| 41 | 3139 | 11.9 | +16 47 | 7.5 | *7.5* | Ao | 4 | .. | 38455i |
| 42 | 3213 | 11.9 | +14 47 | 8.0 | *8.8* | G5 | 1 | .. | 38455i |
| 43 | 3663 | 11.9 | + 0 21 | 10.5 | *10.5* | A | 1 | .. | 39408b |
| 44 | 4419 | 11.9 | − 7 45 | 7.8 | *8.9* | K2 | 3 | .. | 14191b |
| 45 | 4467 | 11.9 | −10 44 | 8.9 | *9.3* | F5 | 5 | .. | 40585b |
| 46 | 4580 | 11.9 | −13 47 | 8.8 | *9.8* | Ko | 3 | .. | 40585b |
| 47 | 4507 | 11.9 | −15 25 | 9.5 | *10.3* | G5 | 3 | .. | 40585b |
| 48 | 4765 | 11.9 | −17 29 | 10.1 | *10.1* | Ao | 2 | .. | 39378b |
| 49 | 13255 | 11.9 | −24 11 | 5.39 | 5.9 | Ko | .. | R | 56,140 |
| 50 | | 11.9 | −24 11 | 6.90 | | | | | |
| 51 | *13006* | 11.9 | −29 0 | 9.5 | 8.8 | B3 | 2 | .. | 17036b |
| 52 | 13360 | 11.9 | −29 17 | 9.2 | 10.2 | Go | 1 | .. | 17036b |
| 53 | 12578 | 11.9 | −32 38 | 10.7 | 9.1 | Ao | 5 | .. | 40431b |
| 54 | 11624 | 11.9 | −34 5 | 10.7 | 10.3 | Ao | 1 | .. | 40431b |
| 55 | 11302 | 11.9 | −39 25 | 8.4 | 8.3 | F8 | 6 | .. | 17037b |
| 56 | 11597 | 11.9 | −48 12 | 10.1 | 9.9 | G5 | 1 | .. | 17084b |
| 57 | 8446 | 11.9 | −57 9 | 7.3 | 8.9 | K5 | 4 | .. | 39301b |
| 58 | 5890 | 11.9 | −61 36 | 9.2 | 9.7 | Ao | 2 | .. | 39370b |
| 59 | 5531 | 11.9 | −62 49 | *9.4* | 9.2 | Bo | 2 | .. | 39370b |
| 60 | 4089 | 11.9 | −63 26 | *8.5* | 8.8 | Fo | 4 | .. | 39370b |
| 61 | 2928 | 12.0 | +34 49 | 6.97 | *7.04* | K2 | 7 | .. | 38779i |
| 62 | 2780 | 12.0 | +27 16 | 6.75 | *7.75* | Ko | 8 | .. | 37805i |
| 63 | 3175 | 12.0 | +10 18 | 8.5 | *9.5* | Ko | 3 | .. | 18982b |
| 64 | 4705 | 12.0 | −20 21 | 9.5 | 9.2 | Ao | 3 | .. | 40627b |
| 65 | 13297 | 12.0 | −23 58 | 6.70 | 7.8 | G5 | .. | 5,4 | 56,140 |
| 66 | *11565* | 12.0 | −28 1 | 10.4 | 9.3 | A2 | 2 | .. | 17036b |
| 67 | 13363 | 12.0 | −29 46 | 7.74 | 8.2 | A2 | 7 | .. | 40431b |
| 68 | 14020 | 12.0 | −30 28 | 9.3 | 10.4 | K2 | 1 | .. | 40431b |
| 69 | 11457 | 12.0 | −35 59 | 8.0 | 8.9 | Ao | 6 | 2,5 | 17037b |
| 70 | 11306 | 12.0 | −39 40 | 9.1 | 8.9 | Ao | 4 | .. | 17037b |
| 71 | 11303 | 12.0 | −39 44 | 8.7 | 9.6 | K2 | 2 | .. | 17037b |
| 72 | 6784 | 12.0 | −60 25 | 8.0 | 9.5 | Ko | 1 | .. | 13775b |
| 73 | 827 | 12.0 | −80 48 | *9.5* | 10.5 | Ko | 1 | .. | 43458b |
| 74 | 256 | 12.1 | +86 13 | 8.8 | *9.6* | G5 | 2 | .. | 37294i |
| 75 | 636 | 12.1 | +76 52 | 8.8 | *9.1* | F | 2 | .. | 37240i |
| 76 | 3109 | 12.1 | +22 54 | 8.8 | *9.6* | G5 | 2 | .. | 38780i |
| 77 | 3336 | 12.1 | +18 8 | 6.92 | *6.90* | B9 | 7 | .. | 38455i |
| 78 | 3377 | 12.1 | + 3 49 | 8.5 | *9.5* | Ko | 3 | .. | 37767i |
| 79 | *4258* | 12.1 | − 5 1 | 8.45 | *8.45* | Ao | 5 | .. | 14191b |
| 80 | 13364 | 12.1 | −29 52 | 8.5 | 9.4 | K5 | 3 | .. | 40431b |
| 81 | 12579 | 12.1 | −32 15 | 10.7 | 9.7 | Ao | 2 | .. | 40431b |
| 82 | 11952 | 12.1 | −33 20 | 7.61 | 8.2 | Fo | 6 | .. | 40431b |
| 83 | *11950* | 12.1 | −34 1 | 8.8 | 8.8 | B9 | 4 | .. | 40431b |
| 84 | 11626 | 12.1 | −34 53 | 5.89 | 7.1 | K2 | .. | 0,R | 56,140 |
| 85 | 11392 | 12.1 | −45 32 | 7.22 | 7.5 | Oa | .. | R | 56,140 |
| 86 | 10813 | 12.1 | −51 52 | 8.5 | 9.4 | K5 | 2 | .. | 19895b |
| 87 | 7068 | 12.1 | −58 11 | 9.2 | 9.8 | Go | 1 | .. | 39301b |
| 88 | 7069 | 12.1 | −58 41 | 9.2 | 9.7 | A2 | 3 | .. | 39301b |
| 89 | 1959 | 12.2 | +56 15 | 7.9 | *8.2* | F2 | 4 | .. | 37802i |
| 90 | 3286 | 12.2 | + 2 4 | 9.1 | *9.5* | F5 | 2 | .. | 39408b |
| 91 | 3664 | 12.2 | + 0 10 | 9.3 | *10.1* | G5 | 1 | .. | 39408b |
| 92 | 4707 | 12.2 | −12 12 | 8.18 | *8.60* | F5 | 6 | .. | 40585b |
| 93 | 4581 | 12.2 | −13 27 | 9.9 | *10.4* | F8 | 3 | .. | 40585b |
| 94 | 13367 | 12.2 | −29 27 | 9.3 | 10.0 | Go | 5 | .. | 17036b |
| 95 | 12587 | 12.2 | −32 8 | 9.8 | 9.7 | B9 | 2 | .. | 40431b |
| 96 | 11459 | 12.2 | −37 22 | 8.0 | 9.4 | Ma | 3 | .. | 17037b |
| 97 | 11466 | 12.2 | −41 24 | 10.0 | 10.1 | A2 | 1 | .. | 19751b |
| 98 | 11595 | 12.2 | −44 7 | 6.91 | 7.2 | Ao | 4 | R | 4940b |
| 99 | 11596 | 12.2 | −44 36 | 9.5 | 10.3 | Ma | .. | .. | M |
| 100 | *11380* | 12.2 | −47 0 | 10.3 | 10.3 | Ko | 1 | .. | 17084b |



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1922AnHar..97....1C



## 156400 — $17^h\,12^m.3$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 378 | 12.3 | +84 54 | 7.73 | *7.73* | Ao | 6 | .. | 37294i |
| 2 | 2283 | 12.3 | +46 7 | 8.3 | *8.3* | Ao | 8 | 0,3 | 6040m |
| 3 | 2707 | 12.3 | +43 49 | 9.5 | *10.5* | Ko | 4 | .. | 6040m |
| 4 | 3380 | 12.3 | + 8 36 | 9.1 | *9.1* | Ao | 3 | .. | 18982b |
| 5 | 3329 | 12.3 | + 7 32 | 9.3 | *9.9* | Go | 1 | .. | 18982b |
| 6 | 3362 | 12.3 | + 5 7 | 8.76 | *9.94* | K5 | 2 | 0,1 | 39408b |
| 7 | 12588 | 12.3 | −32 52 | 10.9 | 10.0 | Go | 1 | .. | 40431b |
| 8 | 11460 | 12.3 | −37 59 | 8.4 | 8.5 | A3 | 7 | .. | 17037b |
| 9 | 11312 | 12.3 | −39 42 | 9.3 | 9.0 | B8 | 4 | .. | 17037b |
| 10 | 11396 | 12.3 | −45 15 | 9.9 | 9.7 | Fo | 2 | .. | 17084b |
| 11 | 11605 | 12.3 | −48 26 | 7.2 | 7.1 | Go | 9 | .. | 17084b |
| 12 | 8154 | 12.3 | −56 19 | *8.8* | 8.8 | Ao | 2 | .. | 39301b |
| 13 | 8155 | 12.3 | −56 20 | *9.1* | 9.1 | Ao | 3 | .. | 39301b |
| 14 | 6973 | 12.3 | −59 16 | 8.9 | 8.8 | B9 | 5 | .. | 39301b |
| 15 | 6974 | 12.3 | −59 55 | 7.7 | 7.8 | Ao | 3 | 0,7 | 43198b |
| 16 | 4090 | 12.3 | −63 20 | *8.1* | 8.1 | Ao | 6 | .. | 13775b |
| 17 | *2445* | 12.4 | +46 58 | 9.8 | *10.6* | G5 | 3 | .. | 6040m |
| 18 | 2678 | 12.4 | +44 45 | 9.0 | *10.0* | Ko | 2 | .. | 6040m |
| 19 | 3358 | 12.4 | + 9 6 | 9.5 | *10.0* | F8 | 1 | .. | 18982b |
| 20 | 3330 | 12.4 | + 7 25 | 9.1 | *10.3* | K5 | 1 | .. | 18982b |
| 21 | 3331 | 12.4 | + 7 11 | 9.1 | *9.9* | G5 | 2 | .. | 18982b |
| 22 | 3332 | 12.4 | + 7 4 | 9.5 | *9.5* | Ao | 3 | .. | 18982b |
| 23 | 13368 | 12.4 | −29 23 | 9.5 | 10.0 | Ko | 1 | .. | 17036b |
| 24 | 12593 | 12.4 | −32 15 | 8.7 | 8.2 | B3 | 5 | .. | 40431b |
| 25 | 12595 | 12.4 | −32 52 | 8.0 | 9.5 | K5 | 2 | .. | 40431b |
| 26 | 11334 | 12.4 | −49 49 | 8.3 | 8.6 | G5 | 6 | .. | 17084b |
| 27 | 3095 | 12.4 | −66 10 | *8.3* | 9.3 | Ko | 6 | .. | 39370b |
| 28 | .. | 12.5 | +43 35 | .. | .. | G | 2 | .. | 6040m |
| 29 | 2877 | 12.5 | +32 57 | 8.5 | *9.3* | G5 | 2 | .. | 38499i |
| 30 | 3147 | 12.5 | +15 56 | 7.44 | *8.44* | Ko | 3 | .. | 38455i |
| 31 | 3149 | 12.5 | +15 24 | 8.3 | *8.4* | A2 | 1 | .. | 38455i |
| 32 | 3215 | 12.5 | +14 48 | 8.44 | *8.94* | F8 | 2 | .. | 38455i |
| 33 | 3333 | 12.5 | + 7 57 | 9.5 | *10.0* | F8 | 1 | .. | 18982b |
| 34 | 4468 | 12.5 | −10 15 | 9.5 | *10.3* | G5 | 2 | .. | 40585b |
| 35 | 4468 | 12.5 | −16 34 | 9.5 | *9.5* | Ao | 3 | .. | 16852b |
| 36 | 13369 | 12.5 | −29 5 | 9.5 | 9.7 | Ao | 3 | .. | 17036b |
| 37 | 14027 | 12.5 | −30 6 | 9.56 | 9.7 | A5 | 2 | .. | 40431b |
| 38 | 12598 | 12.5 | −32 34 | 10.4 | 9.1 | F8 | 4 | .. | 40431b |
| 39 | 12599 | 12.5 | −32 49 | 10.4 | 9.7 | Ao | 2 | .. | 40431b |
| 40 | 11959 | 12.5 | −33 33 | 10.7 | 10.8 | Ko | 1 | .. | 40431b |
| 41 | 11466 | 12.5 | −35 44 | 9.0 | 9.2 | Fo | 4 | 5,3 | 17037b |
| 42 | 11462 | 12.5 | −37 15 | 7.98 | 9.4 | K5 | 3 | .. | 17037b |
| 43 | 11317 | 12.5 | −39 23 | 9.4 | 9.8 | F5 | 2 | .. | 17037b |
| 44 | 11473 | 12.5 | −41 50 | 10.0 | 9.3 | G | 1 | .. | 19751b |
| 45 | 11430 | 12.5 | −47 24 | 10.3 | 10.2 | Ao | 2 | .. | 17084b |
| 46 | 6786 | 12.5 | −60 52 | *9.9* | 10.0 | A2 | 2 | .. | 39370b |
| 47 | 5534 | 12.5 | −62 42 | *9.2* | 9.7 | F8 | 2 | .. | 39370b |
| 48 | 2722 | 12.5 | −69 19 | *8.7* | 9.3 | Go | 3 | .. | 42525b |
| 49 | 345 | 12.5 | −86 56 | *10.6* | 11.4 | G5 | 2 | .. | 22578b |
| 50 | 2285 | 12.6 | +46 17 | 10.3 | *10.9* | G | 2 | .. | 6040m |
| 51 | 2708 | 12.6 | +43 47 | 9.8 | *10.6* | G5 | 2 | .. | 6040m |
| 52 | 2812 | 12.6 | +41 47 | 7.70 | *8.88* | K5 | 3 | .. | 38773i |
| 53 | 2708 | 12.6 | +28 31 | 8.6 | *8.6* | Ao | 3 | .. | 37805i |
| 54 | 2990 | 12.6 | +26 41 | 9.3 | *10.1* | G5 | 2 | .. | 37805i |
| 55 | 3438 | 12.6 | +20 26 | 8.2 | *9.3* | K2 | 1 | .. | 38455i |
| 56 | 3341 | 12.6 | +13 14 | 6.80 | *7.87* | K2 | 7 | .. | 37218i |
| 57 | 3381 | 12.6 | + 8 9 | 9.3 | *9.6* | Fo | 2 | .. | 18982b |
| 58 | 3411 | 12.6 | + 1 52 | 6.70 | *6.98* | Fo | 7 | .. | 37767i |
| 59 | *4469* | 12.6 | −11 1 | 10.1 | *10.1* | Ao | 2 | .. | 40585b |
| 60 | 4598 | 12.6 | −14 41 | 8.8 | *9.8* | Ko | 3 | .. | 40585b |
| 61 | 4511 | 12.6 | −15 41 | 7.18 | *8.18* | Ko | 7 | .. | 16852b |
| 62 | 4470 | 12.6 | −16 12 | 6.50 | *6.68* | K5 | 5 | 0,6 | 8391b |
| 63 | 4710 | 12.6 | −20 41 | 9.0 | 9.5 | A2 | 4 | .. | 40627b |
| 64 | 4566 | 12.6 | −21 56 | 10.1 | 11.3 | K5 | 1 | .. | 38104b |
| 65 | *14028* | 12.6 | −31 1 | 8.0 | 7.7 | B8 | 5 | .. | 40431b |
| 66 | 13832 | 12.6 | −31 5 | 8.3 | 8.8 | B9 | 5 | .. | 40431b |
| 67 | 12601 | 12.6 | −32 35 | 10.4 | 10.0 | Ao | 2 | .. | 40431b |
| 68 | 11463 | 12.6 | −37 54 | 8.0 | 7.9 | B3 | 7 | .. | 17037b |
| 69 | 11320 | 12.6 | −40 24 | 8.5 | 8.7 | A2 | 3 | .. | 19751b |
| 70 | 11475 | 12.6 | −41 46 | 8.7 | 8.3 | B9 | 7 | .. | 19751b |
| 71 | 11587 | 12.6 | −43 55 | 9.3 | 10.0 | Go | 2 | .. | 17084b |
| 72 | 11386 | 12.6 | −46 4 | 8.6 | 9.4 | Ko | 4 | .. | 17084b |
| 73 | 11432 | 12.6 | −47 2 | 10.3 | 10.3 | Ao | 2 | .. | 17084b |
| 74 | 11186 | 12.6 | −50 49 | 11.0 | 9.4 | Go | 1 | .. | 19961b |
| 75 | 8209 | 12.6 | −54 49 | 9.2 | 9.4 | A5 | 2 | .. | 39301b |
| 76 | 8459 | 12.6 | −57 47 | 9.2 | 9.5 | Ko | 1 | .. | 39301b |
| 77 | 7072 | 12.6 | −58 45 | *9.2* | 10.6 | Mb | .. | .. | M |
| 78 | 4092 | 12.6 | −63 58 | *8.3* | 8.4 | A2 | 3 | .. | 13775b |
| 79 | 3435 | 12.6 | −65 13 | *8.4* | 9.4 | Ko | 5 | .. | 39370b |
| 80 | 1823 | 12.6 | −73 15 | *8.4* | 8.4 | Ao | 4 | .. | 20270b |
| 81 | 1927 | 12.7 | +53 44 | 8.8 | *9.8* | Ko | 2 | .. | 37802i |
| 82 | 3110 | 12.7 | +22 4 | 9.1 | *9.6* | F8 | 2 | .. | 38780i |
| 83 | 3153 | 12.7 | +15 18 | 8.3 | *8.3* | Ao | 3 | .. | 38455i |
| 84 | 3216 | 12.7 | +14 0 | 7.8 | *8.1* | F2 | 5 | .. | 37218i |
| 85 | 3381 | 12.7 | + 6 52 | 7.9 | *8.9* | Ko | 4 | .. | 37767i |
| 86 | 3383 | 12.7 | + 4 18 | 9.1 | *9.9* | G5 | 3 | .. | 37767i |
| 87 | 3382 | 12.7 | + 4 7 | 9.1 | *9.1* | A | 3 | .. | 37767i |
| 88 | 4512 | 12.7 | −15 5 | 8.61 | *9.79* | K5 | 1 | .. | 16852b |
| 89 | 4471 | 12.7 | −16 5 | 9.2 | *9.7* | F8 | 3 | .. | 16852b |
| 90 | 4589 | 12.7 | −19 52 | 10.5 | 9.8 | A2 | 3 | .. | 40619b |
| 91 | 4567 | 12.7 | −21 29 | 9.2 | 9.6 | B9 | 2 | .. | 40627b |
| 92 | 12078 | 12.7 | −25 4 | 9.5 | 9.6 | F5 | 2 | .. | 40627b |
| 93 | 11477 | 12.7 | −41 56 | 7.2 | 8.6 | K2 | 5 | .. | 19751b |
| 94 | 11338 | 12.7 | −49 28 | 9.5 | 9.1 | F5 | 3 | .. | 17084b |
| 95 | *8045* | 12.7 | −56 0 | 9.0 | 8.5 | Ao | 3 | .. | 39301b |
| 96 | 3096 | 12.8 | +39 17 | 9.1 | *9.2* | A2 | 1 | .. | 38779i |
| 97 | 3342 | 12.8 | +13 26 | 8.0 | *8.1* | A2 | 6 | .. | 37218i |
| 98 | 3177 | 12.8 | +10 33 | 8.5 | *9.3* | G5 | 5 | .. | 18982b |
| 99 | 3258 | 12.8 | − 0 5 | 9.5 | *9.5* | Ao | 2 | .. | 39408b |
| 100 | 3259 | 12.8 | − 0 52 | 8.7 | *8.7* | Ao | 4 | 0,3 | 39408b |



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1922AnHar..97....1C



## 156500 — 17h 12m.8

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4709 | 12.8 | −12 10 | 9.0 | *10.0* | Ko | 1 | .. | 40585b |
| 2 | 4472 | 12.8 | −16 16 | 10.1 | *10.5* | F5 | 3 | .. | 39378b |
| 3 | 4569 | 12.8 | −21 47 | 10.8 | 10.7 | A | 2 | .. | 38104b |
| 4 | 13308 | 12.8 | −23 54 | 9.3 | 9.3 | A | 2 | .. | 40627b |
| 5 | 13262 | 12.8 | −24 19 | 9.0 | 10.5 | K5 | 1 | .. | 40627b |
| 6 | 13838 | 12.8 | −31 16 | 6.96 | 6.8 | A2 | 4 | 0,9 | 43292b |
| 7 | 12605 | 12.8 | −32 2 | 9.4 | 9.1 | Ao | 3 | .. | 40431b |
| 8 | 12607 | 12.8 | −32 17 | 10.9 | 10.4 | Ao | 1 | .. | 40431b |
| 9 | 11479 | 12.8 | −41 27 | 9.4 | 9.8 | F5 | 1 | .. | 19751b |
| 10 | 11610 | 12.8 | −48 8 | 10.3 | 9.4 | B8 | 3 | .. | 17084b |
| 11 | 10818 | 12.8 | −51 20 | 10.6 | 9.7 | G5 | 1 | .. | 19961b |
| 12 | 1623 | 12.8 | −74 52 | 9.23 | 9.3 | Ao | 2 | .. | 42633b |
| 13 | 828 | 12.8 | −80 46 | 5.93 | 7.7 | Mb | .. | 0,4 | **56**,140 |
| 14 | 995 | 12.9 | +67 44 | 8.7 | *8.8* | A3 | 3 | .. | 38095i |
| 15 | 2878 | 12.9 | +32 36 | 8.6 | *9.6* | Ko | 1 | .. | 38499i |
| 16 | 3364 | 12.9 | + 5 29 | 9.3 | *10.3* | Ko | 1 | .. | 18982b |
| 17 | 3309 | 12.9 | − 1 10 | 9.1 | *10.1* | Ko | 2 | .. | 39399b |
| 18 | 4601 | 12.9 | −14 48 | 9.3 | *9.9* | Go | 3 | .. | 40585b |
| 19 | 4513 | 12.9 | −15 55 | 7.34 | *7.40* | A2 | 8 | .. | 16852b |
| 20 | 4591 | 12.9 | −19 8 | 9.2 | 9.6 | F5 | 3 | .. | 40619b |
| 21 | 4712 | 12.9 | −20 15 | 9.5 | 9.8 | Ko | 2 | 0,2 | 40619b |
| 22 | 4714 | 12.9 | −20 32 | 9.0 | 9.2 | Ko | 3 | .. | 40627b |
| 23 | 4318 | 12.9 | −22 36 | 9.2 | 9.0 | Fo | 4 | .. | 40627b |
| 24 | 13310 | 12.9 | −23 55 | 10.0 | 9.5 | Ao | 2 | .. | 40627b |
| 25 | 13840 | 12.9 | −31 39 | 9.0 | 10.0 | F5 | 2 | .. | 40431b |
| 26 | 12609 | 12.9 | −32 8 | 9.3 | 10.3 | Ko | 1 | .. | 40431b |
| 27 | 11328 | 12.9 | −39 12 | 9.0 | 9.5 | Ao | 2 | .. | 17037b |
| 28 | 11437 | 12.9 | −47 50 | 8.4 | 8.2 | F5 | 10 | .. | 17084b |
| 29 | 11339 | 12.9 | −49 3 | 10.6 | 9.4 | A2 | 2 | .. | 17084b |
| 30 | 11190 | 12.9 | −50 46 | 8.3 | 8.5 | Ko | 4 | .. | 19961b |
| 31 | 10820 | 12.9 | −51 40 | Neb. | Neb. | Pd | 1 | R | **76**,23 |
| 32 | 10584 | 12.9 | −52 52 | 9.0 | 9.4 | G5 | 1 | .. | 19961b |
| 33 | 6978 | 12.9 | −59 4 | *9.0* | 10.0 | Ko | 2 | .. | 39301b |
| 34 | 3625 | 12.9 | −64 51 | *8.9* | 9.9 | Ko | 3 | .. | 39370b |
| 35 | 2817 | 13.0 | +42 22 | 9.0 | *9.1* | A5 | 3 | .. | 38773i |
| 36 | 2992 | 13.0 | +26 49 | 8.1 | *8.5* | F5 | 7 | .. | 37805i |
| 37 | 3084 | 13.0 | +21 19 | 8.9 | *9.4* | F8 | 3 | .. | 38780i |
| 38 | 3382 | 13.0 | + 8 2 | 8.9 | *9.4* | F8 | 2 | .. | 18982b |
| 39 | 3379 | 13.0 | + 3 15 | 6.78 | *7.12* | F2 | 7 | .. | 37767i |
| 40 | 4711 | 13.0 | −12 30 | 8.1 | *9.2* | K2 | 4 | .. | 40585b |
| 41 | 4710 | 13.0 | −12 57 | 9.9 | *9.9* | Ao | 3 | .. | 40585b |
| 42 | 4715 | 13.0 | −20 23 | 8.8 | 8.7 | Fo | 6 | .. | 40627b |
| 43 | 14037 | 13.0 | −30 8 | 9.48 | 10.0 | A2 | 1 | .. | 40431b |
| 44 | *10822* | 13.0 | −52 0 | 10.6 | 9.1 | B9 | 3 | .. | 19961b |
| 45 | 3312 | 13.0 | −67 50 | *8.4* | 8.4 | Ao | 3 | .. | 42525b |
| 46 | 2680 | 13.1 | +44 34 | 9.5 | *10.0* | F8 | 3 | .. | 6040m |
| 47 | 2994 | 13.1 | +26 0 | 7.06 | *7.04* | B9 | 8 | .. | 37805i |
| 48 | 3360 | 13.1 | + 9 16 | 9.5 | *10.3* | G5 | 1 | .. | 18982b |
| 49 | 3260 | 13.1 | − 0 39 | 7.9 | *8.4* | F8 | 5 | 2,3 | 41559b |
| 50 | 4718 | 13.1 | −20 27 | 9.5 | 8.7 | Fo | 5 | .. | 40627b |
| 51 | 13266 | 13.1 | −24 23 | 9.3 | 9.6 | Go | 3 | .. | 40627b |
| 52 | 11474 | 13.1 | −37 2 | 9.6 | 10.5 | Ko | 1 | .. | 17037b |
| 53 | 11440 | 13.1 | −47 39 | 11.6 | 10.2 | F2 | 2 | .. | 17084b |
| 54 | 11193 | 13.1 | −50 34 | 8.7 | 8.5 | F2 | 4 | .. | 19961b |
| 55 | 8165 | 13.1 | −56 22 | 9.0 | 8.3 | A2 | 4 | .. | 39301b |
| 56 | 3096 | 13.1 | −66 15 | *8.2* | 9.3 | K2 | 4 | .. | 39370b |
| 57 | 1826 | 13.1 | −73 14 | *8.5* | 8.8 | Fo | 2 | .. | 20270b |
| 58 | 900 | 13.2 | +69 26 | 8.3 | *9.3* | Ko | 1 | .. | 38095i |
| 59 | 1713 | 13.2 | +58 30 | 8.1 | *8.4* | F2 | 5 | .. | 37802i |
| 60 | .. | 13.2 | +44 22 | .. | .. | Go | 2 | .. | 6040m |
| 61 | 2709 | 13.2 | +43 41 | 9.8 | *10.3* | F8 | 2 | .. | 6040m |
| 62 | 3232 | 13.2 | +25 30 | 8.7 | *9.1* | F5 | 3 | .. | 37805i |
| 63 | 3231 | 13.2 | +25 8 | 9.2 | *9.8* | G | 1 | .. | 37805i |
| 64 | 3386 | 13.2 | + 4 10 | 8.9 | *9.7* | G5 | 2 | .. | 37767i |
| 65 | 3387 | 13.2 | + 4 1 | 8.9 | *9.9* | K | 2 | .. | 37767i |
| 66 | 3291 | 13.2 | + 2 46 | 8.3 | *9.3* | Ko | 2 | .. | 39408b |
| 67 | 4470 | 13.2 | −10 6 | 7.81 | *7.81* | Ao | 8 | .. | 40585b |
| 68 | 4602 | 13.2 | −14 53 | 9.86 | *9.86* | Ao | 3 | .. | 40585b |
| 69 | *4572* | 13.2 | −22 3 | 9.5 | 11.0 | K2 | 1 | .. | 38104b |
| 70 | 13027 | 13.2 | −28 25 | 9.7 | 9.3 | F8 | 2 | .. | 17036b |
| 71 | 13382 | 13.2 | −29 12 | 8.5 | 9.1 | G5 | 4 | .. | 17036b |
| 72 | 13849 | 13.2 | −31 35 | 7.9 | 9.4 | Ko | 2 | .. | 40431b |
| 73 | 11762 | 13.2 | −38 36 | 9.4 | 10.1 | A2 | 1 | .. | 17037b |
| 74 | 11327 | 13.2 | −40 21 | 9.4 | 9.6 | F8 | 1 | .. | 19751b |
| 75 | 11403 | 13.2 | −45 57 | 7.5 | 7.9 | B1 | .. | 2,8 | **56**,140 |
| 76 | 11394 | 13.2 | −46 28 | 10.1 | 9.8 | Ko | 2 | .. | 17084b |
| 77 | 11616 | 13.2 | −48 30 | 9.2 | 9.1 | Ko | 4 | .. | 17084b |
| 78 | 6788 | 13.2 | −60 50 | 9.1 | 10.5 | K5 | 1 | .. | 39370b |
| 79 | 3436 | 13.2 | −65 51 | *8.7* | 8.7 | Ao | 6 | .. | 39370b |
| 80 | 1624 | 13.2 | −74 24 | *8.9* | 10.1 | K5 | 1 | .. | 20270b |
| 81 | *2513* | 13.3 | +44 58 | 9.77 | *10.55* | G5 | 2 | .. | 6040m |
| 82 | 2681 | 13.3 | +44 51 | 8.42 | *8.42* | Ao | 7 | R | 6040m |
| 83 | 2710 | 13.3 | +43 53 | 9.8 | *10.4* | G | 3 | .. | 6040m |
| 84 | 3439 | 13.3 | +20 33 | 8.2 | *8.2* | Ao | 3 | .. | 38455i |
| 85 | 3335 | 13.3 | + 7 14 | 8.7 | *9.9* | K5 | 2 | .. | 18982b |
| 86 | 4514 | 13.3 | −15 6 | 7.76 | *8.26* | F8 | 6 | .. | 16852b |
| 87 | 4488 | 13.3 | −18 25 | Cl. | Cl. | Con. | 2 | R | 16852b |
| 88 | 11479 | 13.3 | −37 10 | 10.4 | 9.7 | F2 | 2 | .. | 17037b |
| 89 | 11596 | 13.3 | −43 46 | 8.4 | 8.5 | F5 | 6 | .. | 17084b |
| 90 | 11405 | 13.3 | −45 49 | 10.3 | 10.2 | F8 | 1 | .. | 17084b |
| 91 | 6981 | 13.3 | −59 46 | *9.8* | 9.8 | Ao | 2 | .. | 39301b |
| 92 | 6790 | 13.3 | −60 55 | *10.2* | 10.2 | Ao | 2 | .. | 39370b |
| 93 | 3074 | 13.4 | +23 13 | 6.53 | *7.60* | K2 | 5 | 0,4 | 38780i |
| 94 | 3388 | 13.4 | + 4 57 | 8.41 | *9.41* | Ko | 3 | .. | 37767i |
| 95 | 3311 | 13.4 | − 1 25 | 10.5 | *10.5* | Ao | 2 | .. | 39399b |
| 96 | 3310 | 13.4 | − 1 50 | 10.1 | *10.1* | Ao | 1 | .. | 39399b |
| 97 | 4261 | 13.4 | − 4 10 | 9.3 | *9.3* | Ao | 2 | .. | 39399b |
| 98 | 4769 | 13.4 | −17 43 | 9.9 | *11.0* | K2 | 1 | .. | 39378b |
| 99 | 4595 | 13.4 | −19 27 | 9.5 | 10.6 | K2 | 2 | .. | 39378b |
| 100 | 4722 | 13.4 | −20 7 | 9.08 | 10.1 | G5 | 2 | 0,2 | 40619b |



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1922AnHar..97....1C



## 156600 — $17^h\,13^m.4$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4723 | 13.4 | −20 58 | 9.9 | 10.1 | Ao | 1 | .. | 40627b |
| 2 | 11972 | 13.4 | −33 19 | 10.4 | 10.4 | F5 | 1 | .. | 40431b |
| 3 | 11334 | 13.4 | −39 10 | 8.0 | 8.9 | A3 | 5 | .. | 40426b |
| 4 | 11489 | 13.4 | −41 5 | 8.7 | 9.8 | K5 | 1 | .. | 19751b |
| 5 | 11610 | 13.4 | −44 32 | 8.7 | 8.9 | Ko | 6 | .. | 17084b |
| 6 | 11407 | 13.4 | −45 43 | 10.3 | 9.7 | B8 | 2 | .. | 17084b |
| 7 | 11618 | 13.4 | −48 18 | 10.1 | 9.4 | Ao | 3 | .. | 17084b |
| 8 | 8052 | 13.4 | −55 4 | 8.67 | 9.7 | K2 | 1 | .. | 39301b |
| 9 | 7079 | 13.4 | −58 48 | *10.0* | 10.0 | Ao | 2 | .. | 39301b |
| 10 | 7077 | 13.4 | −58 56 | *10.0* | 10.3 | Fo | 2 | .. | 39301b |
| 11 | 7078 | 13.4 | −58 56 | *9.9* | 10.2 | Fo | 2 | .. | 39301b |
| 12 | 6982 | 13.4 | −59 36 | 9.1 | 9.4 | A3 | 4 | .. | 39301b |
| 13 | 2514 | 13.5 | +45 54 | 8.7 | *9.7* | Ko | 4 | .. | 6040m |
| 14 | 3213 | 13.5 | +17 13 | 7.14 | *8.32* | K5 | 4 | .. | 38455i |
| 15 | 3361 | 13.5 | + 9 37 | 8.1 | *8.2* | A2 | 8 | .. | 18982b |
| 16 | 3384 | 13.5 | + 8 31 | 8.7 | *9.2* | F8 | 3 | .. | 18982b |
| 17 | 3312 | 13.5 | − 1 25 | 8.4 | *9.2* | G5 | 4 | .. | 41559b |
| 18 | 4713 | 13.5 | −12 23 | 8.6 | *9.8* | K5 | 2 | .. | 40585b |
| 19 | 4320 | 13.5 | −22 53 | 9.3 | 9.5 | F8 | 3 | .. | 40627b |
| 20 | 13393 | 13.5 | −29 53 | 10.2 | 9.7 | Ao | 2 | .. | 40431b |
| 21 | 11767 | 13.5 | −38 35 | 8.1 | 8.6 | B9 | 6 | .. | 17037b |
| 22 | 11599 | 13.5 | −43 13 | 9.1 | 8.9 | A2 | 4 | .. | 17084b |
| 23 | 11408 | 13.5 | −45 19 | 7.10 | 7.6 | Ao | 10 | .. | 17084b |
| 24 | 11620 | 13.5 | −48 31 | 10.3 | 9.7 | F5 | 1 | .. | 17084b |
| 25 | 10594 | 13.5 | −52 20 | *9.4* | 9.4 | Ao | 2 | .. | 19961b |
| 26 | *5899* | 13.5 | −62 0 | 9.2 | 9.7 | Ao | 2 | .. | 39370b |
| 27 | 5542 | 13.5 | −62 22 | *9.4* | 9.4 | B9 | 2 | .. | 13775b |
| 28 | 1249 | 13.5 | −77 26 | *8.9* | 9.7 | G5 | 3 | .. | 42633b |
| 29 | 2196 | 13.6 | +51 56 | 8.1 | *9.2* | K2 | 4 | .. | 38777i |
| 30 | 2286 | 13.6 | +46 50 | 8.4 | *8.7* | Fo | 7 | 0,2 | 6040m |
| 31 | 2682 | 13.6 | +44 25 | 9.5 | *10.5* | Ko | 3 | .. | 6040m |
| 32 | 3098 | 13.6 | +39 35 | 7.37 | *7.79* | F5 | 4 | 3,3 | 38779i |
| 33 | 2864 | 13.6 | +33 12 | var. | var. | B3 | .. | R | 1964c |
| 34 | 3389 | 13.6 | + 4 13 | 9.3 | *9.6* | F | 3 | .. | 37767i |
| 35 | 4330 | 13.6 | − 2 42 | 6.62 | *7.12* | F8 | 8 | .. | 41559b |
| 36 | 4341 | 13.6 | −11 53 | 7.87 | *7.87* | Ao | 7 | .. | 40585b |
| 37 | 4489 | 13.6 | −18 51 | 7.91 | *9.09* | K5 | 4 | .. | 40619b |
| 38 | 12086 | 13.6 | −25 56 | 9.5 | 9.9 | Ko | 1 | .. | 17036b |
| 39 | 14045 | 13.6 | −30 20 | 9.2 | 8.9 | F2 | 5 | .. | 40431b |
| 40 | 11339 | 13.6 | −39 52 | 9.8 | 9.6 | Ao | 2 | .. | 17037b |
| 41 | 11333 | 13.6 | −40 28 | 8.0 | 9.3 | Ko | 3 | 0,3 | 17937b |
| 42 | 11409 | 13.6 | −45 32 | 9.5 | 10.2 | Ko | 2 | .. | 17084b |
| 43 | *11203* | 13.6 | −51 1 | 8.0 | 7.6 | Go | 5 | .. | 19961b |
| 44 | 8222 | 13.6 | −54 9 | 9.1 | 9.4 | K2 | 1 | .. | 19961b |
| 45 | 7080 | 13.6 | −58 16 | *9.1* | 9.7 | Go | 2 | .. | 39301b |
| 46 | 5545 | 13.6 | −62 6 | *9.7* | 9.7 | Ao | 3 | .. | 39370b |
| 47 | *5544* | 13.6 | −63 0 | *8.8* | 8.8 | B9 | 5 | .. | 13775b |
| 48 | 574 | 13.7 | +81 30 | 8.6 | *9.6* | Ko | 1 | .. | 37240i |
| 49 | 1338 | 13.7 | +63 28 | 7.36 | *8.54* | K5 | 4 | .. | 38536i |
| 50 | 2863 | 13.7 | +37 43 | 8.8 | *9.4* | Go | 1 | .. | 38779i |
| 51 | 2993 | 13.7 | +31 37 | 7.20 | *7.08* | B5 | 7 | 4,7 | 38524i |
| 52 | 2978 | 13.7 | +29 2 | 7.07 | *8.42* | Ma | 4 | .. | 37805i |
| 53 | 3216 | 13.7 | +17 26 | 5.90 | *5.90* | Ao | 10 | .. | 38455i |
| 54 | 3385 | 13.7 | + 8 10 | 8.7 | *9.3* | Go | 5 | .. | 18982b |
| 55 | 3337 | 13.7 | + 7 22 | 9.5 | *9.5* | Ao | 3 | .. | 18982b |
| 56 | 3415 | 13.7 | + 1 6 | 8.64 | *9.64* | Ko | 2 | .. | 37767i |
| 57 | 4262 | 13.7 | − 4 12 | 8.4 | *9.6* | K5 | 2 | .. | 39399b |
| 58 | 4516 | 13.7 | −15 15 | 9.5 | *9.6* | A2 | 4 | .. | 40585b |
| 59 | *4771* | 13.7 | −18 0 | 8.8 | *10.0* | K5 | 1 | .. | 16852b |
| 60 | 12626 | 13.7 | −32 46 | 8.0 | 8.3 | Ao | 6 | .. | 40431b |
| 61 | 12051 | 13.7 | −42 34 | 8.3 | 8.4 | F8 | 4 | .. | 19751b |
| 62 | 11411 | 13.7 | −45 53 | 8.0 | 8.2 | B5 | 7 | .. | 17084b |
| 63 | 11406 | 13.7 | −46 5 | 10.1 | 10.3 | Ko | 1 | .. | 17084b |
| 64 | 3437 | 13.7 | −65 25 | *9.2* | 10.2 | Ko | 1 | .. | 39370b |
| 65 | 3101 | 13.7 | −66 11 | *8.9* | 9.0 | A3 | 5 | .. | 39370b |
| 66 | 2847 | 13.8 | +36 27 | 9.1 | *9.2* | A2 | 1 | .. | 38779i |
| 67 | 2883 | 13.8 | +32 11 | 8.6 | *9.0* | F5 | 2 | .. | 38499i |
| 68 | 2979 | 13.8 | +29 20 | 8.1 | *9.2* | K2 | 2 | .. | 37805i |
| 69 | 3670 | 13.8 | + 0 41 | 9.1 | *10.1* | Ko | 2 | .. | 39408b |
| 70 | 12078 | 13.8 | −26 30 | 8.1 | 8.4 | A3 | 5 | .. | 17036b |
| 71 | 13038 | 13.8 | −28 30 | 9.5 | 9.7 | Ao | 2 | .. | 17036b |
| 72 | 13403 | 13.8 | −29 58 | 10.4 | 9.7 | Ao | 1 | .. | 40431b |
| 73 | 11481 | 13.8 | −35 44 | 10.0 | 9.8 | A3 | 2 | .. | 40431b |
| 74 | 12052 | 13.8 | −42 33 | 8.6 | 8.6 | F8 | 3 | .. | 19751b |
| 75 | 10829 | 13.8 | −51 53 | 7.9 | 7.9 | B9 | 7 | .. | 19961b |
| 76 | 3626 | 13.8 | −64 11 | *8.8* | 9.3 | F8 | 5 | .. | 39370b |
| 77 | 617 | 13.9 | +75 13 | 7.82 | *7.82* | Ao | 3 | .. | 38095i |
| 78 | 1963 | 13.9 | +56 11 | 8.2 | *8.2* | Ao | 4 | .. | 37802i |
| 79 | 3125 | 13.9 | +40 4 | 7.57 | *8.57* | Ko | 2 | .. | 38566i |
| 80 | 2713 | 13.9 | +28 50 | 8.1 | *8.2* | A2 | 4 | .. | 37805i |
| 81 | *3156* | 13.9 | +10 58 | 5.28 | *6.46* | K5 | 8 | R | 37827i |
| 82 | 3263 | 13.9 | − 0 29 | 9.3 | *10.3* | Ko | 1 | .. | 39408b |
| 83 | 4772 | 13.9 | −17 42 | 10.1 | *10.2* | A5 | 3 | .. | 39378b |
| 84 | 11584 | 13.9 | −27 41 | 8.1 | 8.5 | A2 | 5 | .. | 17036b |
| 85 | *11586* | 13.9 | −28 0 | 9.5 | 8.4 | Ao | 4 | .. | 17036b |
| 86 | 12630 | 13.9 | −32 59 | 9.4 | 8.8 | Ao | 5 | .. | 40431b |
| 87 | 11419 | 13.9 | −36 36 | 9.6 | 10.0 | K2 | 1 | .. | 17037b |
| 88 | 11487 | 13.9 | −37 55 | 7.14 | 6.7 | B3 | 9 | .. | 17037b |
| 89 | 11346 | 13.9 | −39 50 | 9.0 | 10.4 | K2 | 1 | .. | 17037b |
| 90 | 12053 | 13.9 | −42 39 | 8.9 | 8.9 | A2 | 3 | .. | 19751b |
| 91 | 11354 | 13.9 | −49 48 | 9.3 | 9.1 | K2 | 3 | .. | 17084b |
| 92 | 11209 | 13.9 | −50 13 | 11.0 | 8.8 | Ao | 2 | .. | 19961b |
| 93 | 5902 | 13.9 | −61 38 | 8.0 | 8.5 | B9 | 6 | .. | 13775b |
| 94 | 5550 | 13.9 | −62 13 | *9.0* | 9.1 | A2 | 3 | .. | 13775b |
| 95 | 1827 | 13.9 | −73 4 | *8.7* | 8.7 | Ao | 5 | .. | 20270b |
| 96 | 2981 | 14.0 | +29 1 | 7.30 | *7.58* | Fo | 6 | .. | 37805i |
| 97 | 3386 | 14.0 | + 6 11 | 6.44 | *6.72* | Fo | 8 | .. | 37767i |
| 98 | 4579 | 14.0 | − 6 29 | 9.3 | *9.9* | Go | 1 | .. | 14191b |
| 99 | 4491 | 14.0 | −18 59 | 9.5 | *10.5* | Ko | 1 | .. | 40619b |
| 100 | 4599 | 14.0 | −19 34 | 9.9 | 9.8 | F5 | 3 | .. | 40619b |



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1922AnHar..97....1C



## 156700 — 17h 14m.0

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. | H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | | | | m. | ° ′ | | | | | | |
| 1 | 4577 | 14.0 | −21 25 | 9.34 | 10.1 | Go | 1 | .. | 40627b | 51 | 7086 | 14.2 | −58 23 | 6.95 | 7.5 | A5 | 5 | 2,9 | 43198b |
| 2 | 11773 | 14.0 | −38 33 | 8.4 | 8.7 | B5 | 5 | .. | 17037b | 52 | 5904 | 14.2 | −61 16 | 9.1 | 9.7 | Go | 2 | .. | 39370b |
| 3 | 11350 | 14.0 | −39 26 | 8.4 | 9.3 | Ao | 3 | .. | 40426b | 53 | 2614 | 14.3 | +49 48 | 7.59 | *8.66* | K2 | 4 | .. | 38777i |
| 4 | 11341 | 14.0 | −40 11 | 8.73 | 9.3 | Ko | 2 | .. | 19751b | 54 | 2516 | 14.3 | +45 47 | 8.8 | *9.3* | F8 | 4 | .. | 6040m |
| 5 | 11503 | 14.0 | −41 47 | 8.0 | 9.3 | Ma | 2 | .. | 19751b | 55 | 2684 | 14.3 | +44 35 | 8.6 | *9.1* | F8 | 7 | 2,2 | 6040m |
| 6 | *11502* | 14.0 | −42 1 | 9.0 | 8.6 | B9 | 4 | .. | 19751b | 56 | 2821 | 14.3 | +42 35 | 8.2 | *9.2* | Ko | 2 | .. | 38566i |
| 7 | 11414 | 14.0 | −45 38 | 9.9 | 9.5 | B9 | 3 | .. | 17084b | 57 | 2849 | 14.3 | +36 13 | 7.54 | *7.68* | A5 | 6 | .. | 38779i |
| 8 | 10831 | 14.0 | −51 15 | 9.1 | 9.4 | K5 | 1 | .. | 19961b | 58 | 3369 | 14.3 | + 5 45 | 10.5 | *10.5* | Ao | 1 | .. | 18982b |
| 9 | 3438 | 14.0 | −65 36 | 6.86 | 6.9 | B8 | 5 | .. | 11064b | 59 | 4344 | 14.3 | −11 15 | 8.2 | *8.5* | F2 | 5 | .. | 40585b |
| 10 | 2515 | 14.1 | +45 39 | 9.6 | *10.0* | F5 | 4 | .. | 6040m | 60 | 4478 | 14.3 | −16 35 | 8.8 | *8.8* | B9 | 5 | .. | 16852b |
| 11 | 2711 | 14.1 | +43 14 | Cl. | Cl. | Con. | 7 | 0,4 R | 6040m | 61 | 13320 | 14.3 | −23 31 | 9.2 | 10.4 | Go | 2 | .. | 38104b |
| 12 | 2947 | 14.1 | +35 43 | 8.8 | *8.9* | A2 | 2 | .. | 38779i | 62 | 11777 | 14.3 | −38 31 | 9.4 | 10.1 | Ko | 1 | .. | 17037b |
| 13 | *3155* | 14.1 | +14 59 | 8.29 | *8.79* | F8 | 3 | .. | 38455i | 63 | 11513 | 14.3 | −41 48 | 10.9 | 9.3 | F8 | 2 | .. | 19751b |
| 14 | *3184* | 14.1 | + 9 57 | 9.97 | *10.47* | F8 | 1 | .. | 18982b | 64 | 11419 | 14.3 | −45 22 | 10.6 | 10.2 | A2 | 1 | .. | 17084b |
| 15 | 4332 | 14.1 | − 2 39 | 7.30 | *8.30* | Ko | 4 | .. | 41559b | 65 | 11459 | 14.3 | −47 14 | 10.6 | 9.7 | Ao | 2 | .. | 17084b |
| 16 | 4477 | 14.1 | −16 9 | 9.0 | *9.5* | F8 | 3 | .. | 16852b | 66 | 8227 | 14.3 | −54 11 | 7.0 | 7.2 | F5 | 7 | .. | 39301b |
| 17 | 4773 | 14.1 | −17 39 | 6.04 | *6.04* | Ao | 8 | .. | 8391b | 67 | 8479 | 14.3 | −57 47 | 8.7 | 8.2 | Go | 5 | .. | 39301b |
| 18 | 4492 | 14.1 | −18 54 | 8.8 | *9.9* | K2 | 1 | .. | 40619b | 68 | 8478 | 14.3 | −57 55 | 5.94 | 6.8 | Ko | .. | 0,9 | **56**,140 |
| 19 | 4600 | 14.1 | −19 36 | 8.2 | 8.2 | A2 | 5 | 1,7 | 40627b | 69 | 6986 | 14.3 | −59 44 | 8.5 | 9.2 | K2 | 1 | .. | 13775b |
| 20 | 4602 | 14.1 | −19 52 | 8.01 | 8.3 | F2 | 6 | 0,4 | 40619b | 70 | 5555 | 14.3 | −62 45 | *8.2* | 8.2 | B9 | 7 | .. | 13775b |
| 21 | 13411 | 14.1 | −29 16 | 6.78 | 7.6 | A2 | 4 | 2,10 | 43292b | 71 | 1871 | 14.4 | +54 39 | 9.1 | *9.5* | F5 | 2 | .. | 37802i |
| 22 | 11982 | 14.1 | −33 3 | 10.9 | 10.3 | Ao | 1 | .. | 40431b | 72 | 2043 | 14.4 | +52 53 | 7.53 | *8.53* | Ko | 4 | .. | 37802i |
| 23 | 11344 | 14.1 | −40 17 | 10.0 | 9.3 | Ao | 2 | .. | 19751b | 73 | 2287 | 14.4 | +46 42 | 9.1 | *9.6* | F8 | 4 | .. | 6040m |
| 24 | 11508 | 14.1 | −41 23 | 10.2 | 9.6 | B8 | 1 | .. | 19751b | 74 | 2787 | 14.4 | +27 3 | 8.1 | *9.1* | Ko | 4 | .. | 37805i |
| 25 | 10832 | 14.1 | −51 45 | 8.3 | 7.7 | B9 | 7 | .. | 19961b | 75 | 3239 | 14.4 | +25 54 | 6.77 | *7.77* | Ko | 7 | .. | 37805i |
| 26 | 8178 | 14.1 | −56 13 | 8.2 | 7.3 | B8 | 5 | .. | 39301b | 76 | 3089 | 14.4 | +21 53 | 8.2 | *9.2* | Ko | 3 | .. | 38780i |
| 27 | 5552 | 14.1 | −62 33 | *9.1* | 9.1 | B9 | 2 | .. | 13775b | 77 | 3193 | 14.4 | +12 28 | 8.5 | *9.6* | K2 | 2 | .. | 18982b |
| 28 | 2382 | 14.2 | +50 43 | 8.0 | *8.8* | G5 | 5 | .. | 38777i | 78 | 3390 | 14.4 | + 8 56 | 9.1 | *10.1* | Ko | 1 | .. | 18982b |
| 29 | 2864 | 14.2 | +37 24 | 4.80 | *4.86* | A2 | .. | R | 2781c | 79 | 4494 | 14.4 | −18 43 | 9.0 | *8.9* | B5 | 4 | .. | 40619b |
| 30 | 3078 | 14.2 | +23 32 | 8.1 | *8.5* | F5 | 4 | .. | 37805i | 80 | 12081 | 14.4 | −26 27 | 7.08 | 7.9 | Ko | .. | 5,8 | **56**,140 |
| 31 | 3146 | 14.2 | +16 23 | 8.1 | *9.2* | K2 | 1 | .. | 38455i | 81 | 12642 | 14.4 | −32 4 | 8.0 | 8.5 | A2 | 5 | .. | 40431b |
| 32 | 3187 | 14.2 | +10 33 | 9.0 | 9.0 | Ao | 5 | .. | 18982b | 82 | 12643 | 14.4 | −32 44 | 7.5 | 9.1 | K5 | 4 | .. | 40431b |
| 33 | 3671 | 14.2 | + 0 1 | 9.8 | *10.6* | G5 | 2 | .. | 39408b | 83 | 11491 | 14.4 | −37 13 | 9.8 | 10.0 | A2 | 1 | .. | 17037b |
| 34 | 4493 | 14.2 | −18 29 | 10.3 | *10.9* | Go | 2 | .. | 39378b | 84 | 11348 | 14.4 | −40 30 | 8.7 | 9.0 | A3 | 4 | .. | 19751b |
| 35 | 13412 | 14.2 | −29 12 | 8.5 | 8.8 | Ao | 6 | .. | 17036b | 85 | 12063 | 14.4 | −42 16 | 9.7 | 9.0 | A2 | 3 | .. | 19751b |
| 36 | 13413 | 14.2 | −29 18 | 9.5 | 9.2 | F5 | 3 | .. | 17036b | 86 | 11423 | 14.4 | −45 18 | 11.0 | 10.0 | Ao | 2 | .. | 17084b |
| 37 | R | 14.2 | −33 36 | *10.3* | 10.3 | Ao | 2 | .. | 40431b | 87 | 11424 | 14.4 | −45 38 | 9.3 | 9.7 | Ko | 2 | .. | 17084b |
| 38 | 11487 | 14.2 | −35 58 | 9.3 | 10.0 | G5 | 1 | .. | 40431b | 88 | 11420 | 14.4 | −46 14 | 9.5 | 9.5 | A2 | 2 | .. | 17084b |
| 39 | 11422 | 14.2 | −36 31 | 8.7 | 9.1 | Ao | 3 | .. | 17037b | 89 | 10835 | 14.4 | −51 35 | 9.9 | 9.2 | Ao | 2 | .. | 19961b |
| 40 | 11423 | 14.2 | −36 56 | 9.4 | 10.5 | G5 | 1 | .. | 17037b | 90 | 10837 | 14.4 | −51 39 | 9.3 | 9.4 | Ko | 1 | .. | 19961b |
| 41 | 11511 | 14.2 | −41 28 | 8.7 | 9.0 | G5 | 4 | .. | 19751b | 91 | 10606 | 14.4 | −52 26 | *9.2* | 9.2 | Ao | 2 | .. | 19961b |
| 42 | 11616 | 14.2 | −43 54 | 9.3 | 10.3 | K2 | 1 | .. | 17084b | 92 | 10605 | 14.4 | −52 47 | *8.8* | 9.4 | Go | 3 | .. | 19961b |
| 43 | 11417 | 14.2 | −46 4 | 10.3 | 10.2 | F8 | 1 | .. | 17084b | 93 | 8184 | 14.4 | −56 19 | *8.4* | 9.4 | Ko | 2 | .. | 39301b |
| 44 | 11458 | 14.2 | −47 43 | 9.0 | 9.4 | Ko | 4 | .. | 17084b | 94 | 6987 | 14.4 | −59 14 | 9.1 | 9.4 | Ao | 3 | .. | 39301b |
| 45 | 11360 | 14.2 | −49 4 | 9.0 | 8.6 | A5 | 6 | .. | 17084b | 95 | 6793 | 14.4 | −60 28 | *9.3* | 10.3 | Ko | 2 | .. | 39370b |
| 46 | 11359 | 14.2 | −49 11 | 9.0 | 8.8 | Go | 5 | .. | 17084b | 96 | 2288 | 14.5 | +46 55 | 8.0 | *8.8* | G5 | 7 | 5,2 | 6040m |
| 47 | 11358 | 14.2 | −49 40 | 7.9 | 7.6 | Fo | 8 | .. | 17084b | 97 | 2685 | 14.5 | +44 41 | 8.8 | *9.8* | Ko | 3 | .. | 6040m |
| 48 | 10604 | 14.2 | −52 14 | 8.9 | 9.7 | Ko | 1 | .. | 19961b | 98 | 2686 | 14.5 | +44 37 | 9.0 | *10.0* | Ko | 4 | .. | 6040m |
| 49 | 8055 | 14.2 | −55 4 | 9.22 | 9.1 | A2 | 3 | .. | 39301b | 99 | 3189 | 14.5 | +10 11 | 9.52 | *10.08* | Go | 1 | .. | 18982b |
| 50 | 8182 | 14.2 | −56 33 | *9.3* | 9.4 | A2 | 3 | .. | 39301b | 100 | 3188 | 14.5 | +10 5 | 8.79 | *9.86* | K2 | 2 | .. | 18982b |



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## 156800 — $17^h\,14^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3417 | 14.5 | + 1 37 | var. | var. | Md | 2 | R | 39408b |
| 2 | 4427 | 14.5 | − 7 55 | 8.0 | *8.6* | Go | 6 | .. | 14191b |
| 3 | 4345 | 14.5 | −11 27 | 9.2 | *9.6* | F5 | 3 | .. | 40585b |
| 4 | *4718* | 14.5 | −13 3 | 9.9 | *10.4* | F8 | 3 | .. | 40585b |
| 5 | 4776 | 14.5 | −17 6 | 10.3 | *10.8* | F8 | 3 | .. | 39378b |
| 6 | 11990 | 14.5 | −33 23 | 9.4 | 10.3 | Ao | 1 | .. | 40431b |
| 7 | 11779 | 14.5 | −38 38 | 10.7 | 10.0 | Ao | 2 | .. | 17037b |
| 8 | 11357 | 14.5 | −39 24 | 8.4 | 9.3 | A5 | 4 | .. | 40426b |
| 9 | 11421 | 14.5 | −46 24 | 9.9 | 10.5 | Ko | 1 | .. | 17084b |
| 10 | 11463 | 14.5 | −47 57 | 8.1 | 7.8 | Ao | 9 | .. | 17084b |
| 11 | 10840 | 14.5 | −51 5 | 9.9 | 9.5 | G5 | 1 | .. | 19961b |
| 12 | *10839* | 14.5 | −52 1 | 10.3 | 9.1 | B9 | 2 | .. | 19961b |
| 13 | 10607 | 14.5 | −52 43 | *9.4* | 9.5 | A3 | 1 | .. | 19961b |
| 14 | 8563 | 14.5 | −53 28 | 8.6 | 8.2 | B9 | 5 | .. | 19961b |
| 15 | *8485* | 14.5 | −58 2 | 8.8 | 8.0 | B8 | 4 | .. | 39301b |
| 16 | 6794 | 14.5 | −60 58 | *10.0* | 10.0 | Ao | 3 | .. | 39370b |
| 17 | 4095 | 14.5 | −63 4 | *8.0* | 8.8 | G5 | 5 | .. | 39370b |
| 18 | 3440 | 14.5 | −65 22 | *9.1* | 9.9 | G5 | 2 | .. | 39370b |
| 19 | 2517 | 14.6 | +45 47 | 8.9 | *8.9* | Ao | 4 | 2,8 | 38566i |
| 20 | 2687 | 14.6 | +44 43 | 8.8 | *9.8* | Ko | 5 | .. | 6040m |
| 21 | 2712 | 14.6 | +43 15 | 9.3 | *10.1* | G5 | 3 | .. | 6040m |
| 22 | 3157 | 14.6 | +11 17 | 7.68 | *7.68* | Ao | 4 | .. | 37827i |
| 23 | 3363 | 14.6 | + 9 21 | 8.1 | *8.7* | Go | 4 | .. | 18982b |
| 24 | 3295 | 14.6 | + 2 40 | 8.6 | *8.9* | Fo | 2 | .. | 14180b |
| 25 | 4087 | 14.6 | − 3 57 | 7.75 | *8.17* | F5 | 6 | .. | 41559b |
| 26 | 4426 | 14.6 | − 5 49 | 6.30 | *7.08* | G5 | 8 | 5,9 | 41559b |
| 27 | 4580 | 14.6 | − 6 19 | 8.8 | *9.4* | Go | 2 | .. | 14191b |
| 28 | 4476 | 14.6 | −10 36 | 9.0 | *10.1* | K2 | 3 | .. | 40585b |
| 29 | *4719* | 14.6 | −13 0 | 10.5 | *11.0* | F8 | 1 | .. | 40585b |
| 30 | 4777 | 14.6 | −17 7 | 10.8 | *10.8* | Ao | 1 | .. | 39378b |
| 31 | 13276 | 14.6 | −24 10 | 9.2 | 8.7 | B9 | 5 | .. | 40627b |
| 32 | 13419 | 14.6 | −29 9 | 9.5 | 9.7 | F5 | 2 | .. | 17036b |
| 33 | 11782 | 14.6 | −38 9 | 9.4 | 10.5 | K5 | 1 | .. | 17037b |
| 34 | 11361 | 14.6 | −39 56 | 9.28 | 9.3 | Ao | 2 | .. | 17037b |
| 35 | 11352 | 14.6 | −40 16 | 8.13 | 8.3 | Ao | 7 | .. | 19751b |
| 36 | 11428 | 14.6 | −45 30 | 10.3 | 10.3 | B9 | 2 | .. | 17084b |
| 37 | 11366 | 14.6 | −49 22 | 11.6 | 10.8 | Ro | .. | .. | M |
| 38 | 5558 | 14.6 | −62 46 | 5.88 | *5.71* | B3 | .. | 0,8 | **56**,140 |
| 39 | 1184 | 14.7 | +64 33 | 8.8 | *8.9* | A2 | 2 | .. | 38536i |
| 40 | 1931 | 14.7 | +53 30 | 8.9 | *9.9* | K | 1 | .. | 37802i |
| 41 | 2718 | 14.7 | +28 20 | 8.3 | *9.3* | Ko | 2 | .. | 37805i |
| 42 | 3388 | 14.7 | + 6 53 | 9.1 | *10.1* | Ko | 2 | 2,2 | 37767i |
| 43 | 3387 | 14.7 | + 6 4 | 9.8 | *10.4* | Go | 1 | .. | 18982b |
| 44 | 4721 | 14.7 | −12 50 | 9.0 | *9.1* | A5 | 5 | .. | 40585b |
| 45 | 4589 | 14.7 | −13 41 | 9.2 | *10.3* | K2 | 1 | .. | 40585b |
| 46 | 4605 | 14.7 | −19 14 | 6.55 | 7.5 | Go | 9 | 0,9 | 16852b |
| 47 | 4325 | 14.7 | −22 8 | 9.9 | 9.9 | Go | 2 | .. | 38104b |
| 48 | 11595 | 14.7 | −27 15 | 7.5 | 8.4 | F5 | 6 | .. | 17036b |
| 49 | 11783 | 14.7 | −38 20 | 9.4 | 8.9 | B9 | 5 | .. | 17037b |
| 50 | 11364 | 14.7 | −39 18 | 9.8 | 10.1 | A2 | 2 | .. | 40426b |
| 51 | 12066 | 14.7 | −42 38 | 10.3 | 9.5 | Ao | 3 | .. | 19751b |
| 52 | 11426 | 14.7 | −46 10 | 10.6 | 9.8 | F5 | 4 | .. | 17084b |
| 53 | 11368 | 14.7 | −49 40 | 7.6 | 7.6 | B8 | 10 | .. | 17084b |
| 54 | 8191 | 14.7 | −56 26 | 5.75 | 7.3 | Ko | .. | 5,10 | **28**,212 |
| 55 | 8489 | 14.7 | −57 26 | 8.9 | 8.8 | Ao | 5 | .. | 39301b |
| 56 | 6990 | 14.7 | −59 16 | *8.5* | 9.1 | Go | 4 | .. | 39301b |
| 57 | 2519 | 14.8 | +45 42 | 8.9 | *9.4* | F8 | 5 | 2,1- | 6040m |
| 58 | 2518 | 14.8 | +45 29 | 9.8 | *10.4* | G | 1 | .. | 6040m |
| 59 | 3339 | 14.8 | + 7 35 | 8.9 | *10.0* | K2 | 3 | .. | 18982b |
| 60 | 3296 | 14.8 | + 2 14 | 6.91 | *8.26* | Mb | 6 | .. | 37767i |
| 61 | 4348 | 14.8 | −11 31 | 8.6 | *9.2* | Go | 4 | .. | 40585b |
| 62 | 4480 | 14.8 | −16 49 | 9.5 | *10.6* | K2 | 1 | .. | 39378b |
| 63 | 13280 | 14.8 | −24 27 | 9.7 | 9.7 | G5 | 1 | .. | 40627b |
| 64 | 13278 | 14.8 | −24 52 | 9.30 | 9.3 | F5 | 2 | .. | 17036b |
| 65 | *14071* | 14.8 | −31 2 | 10.7 | 10.3 | K2 | 1 | .. | 40431b |
| 66 | 11651 | 14.8 | −34 15 | 8.8 | 9.7 | F8 | 3 | .. | 40431b |
| 67 | 11495 | 14.8 | −35 30 | 8.5 | 9.1 | Ao | 4 | *1*,4 | 40431b |
| 68 | 11629 | 14.8 | −44 9 | 10.1 | 9.7 | F8 | 2 | .. | 17084b |
| 69 | 10610 | 14.8 | −52 53 | 7.8 | 7.6 | Ao | 7 | .. | 19961b |
| 70 | 8065 | 14.8 | −55 32 | 8.6 | 8.8 | Ao | 5 | .. | 39301b |
| 71 | 6796 | 14.8 | −60 51 | 9.2 | 9.4 | Go | 5 | .. | 39370b |
| 72 | 791 | 14.8 | −81 12 | *8.7* | 9.5 | G5 | 3 | .. | 43458b |
| 73 | 2713 | 14.9 | +43 20 | 10.0 | *11.0* | Ko | 1 | .. | 6040m |
| 74 | 2719 | 14.9 | +28 55 | 5.78 | *6.78* | Ko | 7 | 5,10 | 38499i |
| 75 | 3150 | 14.9 | +16 13 | 8.0 | *8.4* | F5 | 2 | .. | 38455i |
| 76 | 3349 | 14.9 | +13 16 | 8.5 | *9.7* | K5 | 1 | .. | 37827i |
| 77 | 3194 | 14.9 | +12 15 | 8.6 | *9.8* | K5 | 1 | .. | 18982b |
| 78 | 3389 | 14.9 | + 6 13 | 9.1 | *9.7* | Go | 2 | .. | 37767i |
| 79 | 3265 | 14.9 | − 0 13 | 8.18 | *9.36* | K5 | 2 | 5,2 | 41559b |
| 80 | 4349 | 14.9 | −11 31 | 8.0 | *8.1* | A2 | 6 | .. | 40585b |
| 81 | 4481 | 14.9 | −16 35 | 10.1 | *10.7* | Go | 2 | .. | 39378b |
| 82 | 11598 | 14.9 | −27 19 | 7.48 | 8.4 | G5 | 6 | .. | 17036b |
| 83 | 13896 | 14.9 | −31 29 | 7.47 | 8.2 | A2 | 9 | .. | 40431b |
| 84 | 12071 | 14.9 | −42 5 | 7.6 | 7.6 | A2 | 9 | .. | 19751b |
| 85 | 11641 | 14.9 | −48 34 | 9.3 | 9.4 | Fo | 4 | .. | 17084b |
| 86 | 11640 | 14.9 | −48 54 | 9.3 | 9.2 | Ko | 3 | .. | 17084b |
| 87 | 3627 | 14.9 | −64 28 | *8.5* | 9.1 | Go | 6 | .. | 39370b |
| 88 | 2142 | 14.9 | −71 32 | *8.6* | 9.0 | F5 | 3 | .. | 21336b |
| 89 | 1005 | 15.0 | +66 11 | 8.6 | *9.6* | Ko | 1 | .. | 38536i |
| 90 | 1742 | 15.0 | +60 49 | 6.73 | *7.01* | Fo | 7 | .. | 37802i |
| 91 | 2910 | 15.0 | +38 55 | 5.98 | *6.98* | Ko | 8 | .. | 38779i |
| 92 | 3347 | 15.0 | +18 42 | 9.1 | *9.4* | F | 1 | .. | 38455i |
| 93 | 3390 | 15.0 | + 6 39 | 8.4 | *9.2* | G5 | 4 | .. | 37767i |
| 94 | 4429 | 15.0 | − 5 24 | 8.6 | *9.0* | F5 | 6 | .. | 14191b |
| 95 | 4499 | 15.0 | −18 48 | 10.1 | *10.1* | Ao | 2 | .. | 40619b |
| 96 | 4732 | 15.0 | −20 16 | 9.5 | 9.8 | Ao | 2 | .. | 40627b |
| 97 | *4731* | 15.0 | −21 1 | 4.46 | *4.88* | F5 | .. | R | **28**,212 |
| 98 | 13326 | 15.0 | −23 4 | 9.3 | 9.6 | Go | 3 | .. | 40627b |
| 99 | 13281 | 15.0 | −24 35 | 8.3 | 9.3 | G5 | 3 | .. | 17036b |
| 100 | 14074 | 15.0 | −30 51 | 10.4 | 10.2 | G5 | 2 | .. | 40431b |



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1922AnHar..97....1C



## 156900 — $17^h\,15^m.0$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 14075 | 15.0 | −30 58 | 10.2 | 10.2 | K5 | 1 | .. | 40431b |
| 2 | 13895 | 15.0 | −31 41 | 10.2 | 10.4 | Ao | 1 | .. | 40431b |
| 3 | 11626 | 15.0 | −43 30 | 8.6 | 8.6 | Ao | 7 | .. | 17084b |
| 4 | 11374 | 15.0 | −49 47 | 8.0 | 8.5 | Ko | 6 | .. | 17084b |
| 5 | 7099 | 15.0 | −58 34 | 7.0 | 6.9 | B8 | 5 | 0,8 | 43198b |
| 6 | 7097 | 15.0 | −58 56 | 8.9 | 9.2 | B9 | 5 | .. | 39301b |
| 7 | 5561 | 15.0 | −62 8 | *9.2* | 9.2 | Ao | 3 | .. | 39370b |
| 8 | 3442 | 15.0 | −65 6 | *9.2* | 9.3 | A2 | 5 | .. | 39370b |
| 9 | 2867 | 15.1 | +37 50 | 8.6 | *9.4* | G5 | 2 | .. | 38779i |
| 10 | *2871* | 15.1 | +32 58 | 7.9 | *9.0* | K2 | 4 | .. | 38779i |
| 11 | 3281 | 15.1 | +19 29 | 7.70 | *8.88* | K5 | 2 | .. | 38455i |
| 12 | 3195 | 15.1 | +12 37 | 9.1 | *9.1* | A | 2 | .. | 18982b |
| 13 | 3370 | 15.1 | + 5 37 | 8.1 | *8.1* | B9 | 4 | .. | 37767i |
| 14 | 3297 | 15.1 | + 2 15 | 9.3 | *10.3* | Ko | 1 | .. | 39408b |
| 15 | 4615 | 15.1 | −14 4 | 8.6 | *9.6* | Ko | 4 | .. | 40585b |
| 16 | 4585 | 15.1 | −21 17 | 9.5 | 9.9 | Go | 2 | .. | 40627b |
| 17 | 12089 | 15.1 | −26 20 | 8.3 | 8.2 | Fo | 5 | .. | 40627b |
| 18 | 11790 | 15.1 | −38 10 | 11.8 | 10.1 | Ao | 2 | .. | 17037b |
| 19 | 11632 | 15.1 | −44 39 | 8.7 | 9.1 | F5 | 6 | .. | 17084b |
| 20 | 11433 | 15.1 | −46 45 | 11.6 | 9.8 | Ao | 3 | .. | 17084b |
| 21 | 11227 | 15.1 | −50 26 | 10.1 | 9.4 | A | 2 | .. | 19961b |
| 22 | 3316 | 15.1 | −67 16 | *8.8* | 9.6 | G5 | 2 | .. | 42525b |
| 23 | *921* | 15.1 | −80 1 | *10.6* | 10.6 | Ao | 2 | .. | 19008b |
| 24 | *2714* | 15.2 | +42 59 | 9.6 | *10.2* | Go | 3 | .. | 6040m |
| 25 | 2822 | 15.2 | +42 13 | 8.2 | *8.7* | F8 | 3 | .. | 38566i |
| 26 | 3391 | 15.2 | + 8 4 | 7.9 | *7.9* | Ao | 6 | .. | 37767i |
| 27 | 3316 | 15.2 | − 1 30 | 9.1 | *9.2* | A5 | 3 | .. | 39399b |
| 28 | 4722 | 15.2 | −12 45 | 4.35 | *4.35* | Ao | .. | R | **56**,94 |
| 29 | 4734 | 15.2 | −20 22 | 9.5 | 9.8 | Ko | 3 | .. | 39378b |
| 30 | 4736 | 15.2 | −20 23 | 9.5 | 8.7 | A2 | 4 | .. | 40627b |
| 31 | 13331 | 15.2 | −23 35 | 9.2 | 10.7 | K5 | 1 | .. | 38104b |
| 32 | 13285 | 15.2 | −24 43 | 10.0 | 9.3 | Ao | 3 | .. | 17036b |
| 33 | 12091 | 15.2 | −26 14 | 8.7 | 9.1 | F5 | 4 | .. | 17036b |
| 34 | 13901 | 15.2 | −31 47 | 10.4 | 10.4 | Ao | 1 | .. | 40431b |
| 35 | 11497 | 15.2 | −35 15 | 8.5 | 8.8 | G5 | 4 | 0,4 | 17037b |
| 36 | *11362* | 15.2 | −41 2 | 7.2 | 8.0 | K5 | 7 | .. | 19751b |
| 37 | 11473 | 15.2 | −47 10 | 10.1 | 10.0 | Go | 2 | .. | 17084b |
| 38 | 11474 | 15.2 | −47 26 | 10.6 | 9.7 | B9 | 4 | .. | 17084b |
| 39 | 8572 | 15.2 | −53 7 | 9.1 | 10.0 | Ma | .. | .. | M |
| 40 | 8200 | 15.2 | −56 44 | 8.4 | 7.9 | B9 | 7 | .. | 39301b |
| 41 | 6799 | 15.2 | −60 15 | 9.0 | 9.4 | Ao | 5 | .. | 39370b |
| 42 | 6800 | 15.2 | −60 35 | 5.96 | 6.7 | B8 | .. | 0,8 | **28**,212 |
| 43 | 5913 | 15.2 | −61 32 | 8.9 | 8.8 | Ao | 3 | .. | 13775b |
| 44 | 2914 | 15.2 | −68 10 | *8.4* | 8.5 | A2 | 2 | .. | 42525b |
| 45 | 774 | 15.3 | +72 52 | 8.6 | *9.0* | F5 | 2 | .. | 38095i |
| 46 | 997 | 15.3 | +67 30 | 7.52 | *8.70* | K5 | 2 | .. | 38095i |
| 47 | 1743 | 15.3 | +60 46 | var. | var. | Ko | 7 | R | 37802i |
| 48 | 3282 | 15.3 | +19 23 | 8.5 | *9.5* | K | 1 | R | 38455i |
| 49 | 3372 | 15.3 | + 5 2 | 8.11 | *9.11* | Ko | 4 | .. | 37767i |
| 50 | 3396 | 15.3 | + 4 22 | 8.5 | *9.5* | Ko | 2 | .. | 37767i |
| 51 | 4338 | 15.3 | − 2 19 | 8.6 | *9.0* | F5 | 3 | .. | 41559b |
| 52 | *4581* | 15.3 | − 7 0 | 8.8 | *9.6* | G5 | 4 | .. | 14191b |
| 53 | 4725 | 15.3 | −12 19 | 8.0 | *9.1* | K2 | 3 | .. | 40585b |
| 54 | 4726 | 15.3 | −12 59 | 8.0 | *8.1* | A5 | 7 | .. | 40585b |
| 55 | 12090 | 15.3 | −26 24 | 7.9 | 7.5 | Ao | 9 | R | 17036b |
| 56 | 13432 | 15.3 | −29 38 | 8.1 | 9.5 | K2 | 3 | .. | 17036b |
| 57 | 11533 | 15.3 | −41 39 | 8.4 | 10.0 | Np | 1 | R | 19751b |
| 58 | *11477* | 15.3 | −48 1 | 8.9 | 9.1 | F8 | 6 | .. | 17084b |
| 59 | 5562 | 15.3 | −62 5 | *9.7* | 9.7 | B9 | 3 | .. | 39370b |
| 60 | 3105 | 15.3 | −66 18 | *7.5* | 8.5 | Ko | 5 | .. | 42525b |
| 61 | 2145 | 15.3 | −71 50 | *8.0* | 9.0 | Ko | 4 | .. | 21336b |
| 62 | 501 | 15.4 | +83 20 | 9.1 | *10.2* | K2 | 2 | .. | 37820i |
| 63 | 2615 | 15.4 | +49 24 | 8.8 | *9.8* | Ko | 1 | .. | 38777i |
| 64 | 2715 | 15.4 | +43 25 | 8.8 | *9.8* | Ko | 5 | 5,1 | 6040m |
| 65 | 2823 | 15.4 | +42 0 | var. | var. | A5 | .. | R | M |
| 66 | 2790 | 15.4 | +27 23 | 7.06 | *8.41* | Ma | 5 | .. | 37805i |
| 67 | 3120 | 15.4 | +22 3 | 8.1 | *9.2* | K2 | 3 | .. | 38780i |
| 68 | 3366 | 15.4 | + 9 34 | 8.17 | *8.73* | Go | 7 | .. | 18982b |
| 69 | 3266 | 15.4 | − 0 4 | 9.5 | *10.5* | Ko | 1 | .. | 39408b |
| 70 | 4429 | 15.4 | − 8 56 | 8.8 | *9.1* | Fo | 5 | .. | 14191b |
| 71 | 4477 | 15.4 | −10 36 | 6.42 | *6.70* | Fo | 6 | 0,10 | 8367b |
| 72 | 4352 | 15.4 | −11 27 | 9.2 | *10.2* | Ko | 1 | .. | 40585b |
| 73 | 4727 | 15.4 | −12 33 | 9.2 | *9.7* | F8 | 2 | .. | 40585b |
| 74 | 4783 | 15.4 | −17 57 | 9.9 | *9.9* | Ao | 5 | R | 40619b |
| 75 | 4587 | 15.4 | −21 27 | 8.9 | 10.4 | Mb | 1 | .. | 40627b |
| 76 | 11996 | 15.4 | −33 19 | 9.1 | 8.8 | B9 | 6 | .. | 40431b |
| 77 | 11995 | 15.4 | −33 39 | 10.9 | 10.2 | A2 | 1 | .. | 40431b |
| 78 | *11378* | 15.4 | −40 0 | 9.08 | 9.3 | Fo | 4 | .. | 19751b |
| 79 | 11441 | 15.4 | −45 31 | 6.9 | 7.5 | G5 | 9 | .. | 17084b |
| 80 | 10850 | 15.4 | −51 33 | 8.5 | 9.1 | K2 | 3 | .. | 19961b |
| 81 | 6801 | 15.4 | −60 19 | 9.0 | 8.5 | F2 | 5 | .. | 13775b |
| 82 | 3629 | 15.4 | −64 36 | *8.9* | 9.9 | Ko | 3 | .. | 39370b |
| 83 | 708 | 15.4 | −82 21 | *8.8* | 10.0 | K5 | 3 | .. | 43458b |
| 84 | 1928 | 15.5 | +55 10 | 7.66 | *8.66* | Ko | 4 | .. | 37802i |
| 85 | 2045 | 15.5 | +52 34 | 8.0 | *9.1* | K2 | 3 | .. | 38777i |
| 86 | 2289 | 15.5 | +46 5 | 9.2 | *10.2* | Ko | 3 | .. | 6040m |
| 87 | 2722 | 15.5 | +28 7 | 7.02 | *7.02* | Ao | 8 | .. | 37805i |
| 88 | 3447 | 15.5 | +20 46 | 8.5 | *8.9* | F5 | 2 | .. | 38455i |
| 89 | *3151* | 15.5 | +15 59 | 7.47 | *8.47* | Ko | 3 | .. | 38455i |
| 90 | 4521 | 15.5 | −15 34 | 8.8 | *9.3* | F8 | 3 | .. | 16852b |
| 91 | 4327 | 15.5 | −22 49 | 8.6 | 8.9 | Go | 4 | .. | 40627b |
| 92 | 13288 | 15.5 | −24 49 | 6.62 | 7.5 | Ko | .. | .. | **56**,140 |
| 93 | 12001 | 15.5 | −33 24 | 10.7 | 10.4 | A2 | 2 | .. | 40431b |
| 94 | 11794 | 15.5 | −38 42 | 9.4 | 9.3 | Ao | 3 | .. | 40426b |
| 95 | 11447 | 15.5 | −45 59 | 8.5 | 9.7 | K2 | 4 | .. | 17084b |
| 96 | 11442 | 15.5 | −46 32 | 11.6 | 10.5 | Ao | 1 | .. | 17084b |
| 97 | 2688 | 15.6 | +44 21 | 9.2 | *9.7* | F8 | 5 | .. | 6040m |
| 98 | 3317 | 15.6 | − 1 59 | 10.1 | *10.5* | F5 | 1 | .. | 39399b |
| 99 | 4354 | 15.6 | −11 57 | 7.49 | *7.99* | F8 | 7 | .. | 40585b |
| 100 | 4738 | 15.6 | −20 11 | 10.8 | 10.1 | G5 | 1 | .. | 40619b |



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1922AnHar..97....1C



# 157000 — 17h 15m.6

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4739 | 15.6 | −20 51 | 10.1 | 9.6 | A3 | 3 | .. | 38104b |
| 2 | 4328 | 15.6 | −22 46 | 10.3 | 9.9 | Go | 1 | .. | 40627b |
| 3 | 12662 | 15.6 | −32 26 | 9.6 | 9.5 | B8 | 2 | .. | 40431b |
| 4 | 11438 | 15.6 | −36 59 | 8.7 | 9.5 | Ko | 2 | .. | 40426b |
| 5 | 11449 | 15.6 | −45 22 | 10.6 | 10.2 | G5 | 1 | .. | 17084b |
| 6 | 11448 | 15.6 | −45 47 | 9.9 | 9.8 | G5 | 1 | .. | 17084b |
| 7 | 8203 | 15.6 | −56 27 | 8.8 | 9.4 | Go | 2 | .. | 39301b |
| 8 | 830 | 15.6 | −80 59 | 7.70 | 7.8 | A2 | 7 | .. | 43458b |
| 9 | 2046 | 15.7 | +52 26 | 8.0 | *9.0* | Ko | 3 | .. | 38777i |
| 10 | 2716 | 15.7 | +43 43 | 9.0 | *10.4* | Mb | 4 | 5,1 | 6040m |
| 11 | 3224 | 15.7 | +17 26 | 8.9 | *10.0* | K2 | 1 | .. | 38780i |
| 12 | 3368 | 15.7 | + 9 18 | 7.9 | *9.0* | K2 | 4 | .. | 18982b |
| 13 | 3383 | 15.7 | + 3 25 | 8.9 | *9.9* | Ko | 3 | .. | 37767i |
| 14 | 4503 | 15.7 | −18 33 | 9.5 | *10.5* | Ko | 2 | .. | 40619b |
| 15 | 13438 | 15.7 | −29 29 | 10.4 | 9.7 | A | 1 | .. | 17036b |
| 16 | 14090 | 15.7 | −30 24 | 7.4 | 7.5 | B9 | 4 | 1,9 | 43292b |
| 17 | 13912 | 15.7 | −31 33 | 8.7 | 9.4 | Go | 3 | .. | 40431b |
| 18 | 12663 | 15.7 | −32 52 | 9.0 | 8.8 | Ao | 6 | .. | 40431b |
| 19 | 11374 | 15.7 | −40 12 | 9.0 | 9.0 | A3 | 4 | .. | 19751b |
| 20 | 11640 | 15.7 | −43 50 | 9.5 | 9.4 | B8 | 3 | .. | 17084b |
| 21 | 11450 | 15.7 | −45 55 | 11.0 | 10.0 | B8 | 1 | .. | 17084b |
| 22 | 8080 | 15.7 | −55 29 | 8.7 | 9.1 | G5 | 3 | .. | 39301b |
| 23 | 8206 | 15.7 | −56 55 | 8.2 | 8.6 | Ko | 3 | .. | 39301b |
| 24 | 3106 | 15.7 | −66 9 | *9.0* | 9.3 | Fo | 4 | .. | 39370b |
| 25 | 1627 | 15.7 | −74 16 | *8.6* | 9.6 | Ko | 3 | 2,2 | 21336b |
| 26 | 1007 | 15.8 | +66 44 | 8.8 | *9.6* | G5 | 3 | .. | 38536i |
| 27 | 3298 | 15.8 | + 2 40 | 9.1 | *9.9* | G5 | 2 | .. | 37767i |
| 28 | 3267 | 15.8 | − 0 8 | 8.88 | *8.94* | A2 | 4 | .. | 39408b |
| 29 | 4355 | 15.8 | −11 51 | 8.0 | *9.0* | Ko | 5 | .. | 40585b |
| 30 | 4728 | 15.8 | −12 51 | 9.5 | *9.9* | F5 | 3 | .. | 40585b |
| 31 | 4740 | 15.8 | −20 8 | 8.48 | 8.6 | Go | 5 | .. | 40619b |
| 32 | 4329 | 15.8 | −22 39 | 8.2 | 8.4 | F8 | 6 | .. | 40627b |
| 33 | 13338 | 15.8 | −23 43 | 10.7 | 10.4 | F2 | 2 | .. | 38104b |
| 34 | 13439 | 15.8 | −29 36 | 9.5 | 10.0 | F | 1 | .. | 17036b |
| 35 | 13913 | 15.8 | −31 30 | 7.53 | 7.6 | A2 | 6 | .. | 40431b |
| 36 | 11442 | 15.8 | −36 26 | 8.1 | 8.6 | Ao | 5 | .. | 40426b |
| 37 | 11441 | 15.8 | −36 47 | 10.7 | 10.6 | Ko | 1 | .. | 40426b |
| 38 | 11507 | 15.8 | −37 43 | 6.30 | 7.0 | B8p | 3 | R | 10825b |
| 39 | | 15.8 | −37 43 | | | G | | | |
| 40 | 11801 | 15.8 | −38 7 | 7.33 | 8.3 | Ao | 6 | .. | 40426b |
| 41 | .. | 15.8 | −43 43 | .. | .. | R1 | .. | .. | M |
| 42 | 11484 | 15.8 | −47 23 | 5.50 | 6.0 | B3p | .. | R | **56**,140 |
| 43 | 6803 | 15.8 | −60 56 | *9.7* | 9.8 | A2 | 2 | .. | 39370b |
| 44 | 3443 | 15.8 | −65 34 | *9.2* | 9.3 | A5 | 3 | .. | 39370b |
| 45 | 2146 | 15.8 | −71 12 | *9.8* | 9.9 | A2 | 2 | .. | 21336b |
| 46 | 2690 | 15.9 | +44 14 | 9.0 | *9.3* | F2 | 6 | 0,2 R | 6040m |
| 47 | | 15.9 | +44 14 | | | A2 | | | |
| 48 | 3286 | 15.9 | +19 19 | 8.9 | *9.0* | A2 | 1 | .. | 38780i |
| 49 | 3351 | 15.9 | +18 10 | 5.17 | *6.52* | Ma | 8 | R | 38455i |
| 50 | 3153 | 15.9 | +16 12 | 7.9 | *8.9* | Ko | 3 | .. | 37827i |
| 51 | 3369 | 15.9 | + 9 21 | 7.9 | *8.9* | Ko | 3 | .. | 18982b |
| 52 | 3268 | 15.9 | − 0 28 | 9.0 | *9.1* | A2 | 3 | .. | 39408b |
| 53 | 4266 | 15.9 | − 4 43 | 9.2 | *9.8* | Go | 4 | .. | 39399b |
| 54 | 4504 | 15.9 | −18 14 | 8.8 | *9.9* | K2 | 3 | .. | 40619b |
| 55 | 4741 | 15.9 | −20 19 | 10.5 | 10.1 | A3 | 2 | .. | 40619b |
| 56 | 13292 | 15.9 | −24 54 | 3.37 | *3.20* | B3 | .. | 0,5 R | **28**,212 |
| 57 | 13916 | 15.9 | −31 3 | 9.2 | 8.8 | Ao | 3 | .. | 40431b |
| 58 | 13918 | 15.9 | −31 13 | 8.7 | 8.6 | Fo | 6 | .. | 40431b |
| 59 | 11504 | 15.9 | −35 17 | 8.1 | 8.0 | A2 | 6 | 0,7 | 40431b |
| 60 | 11505 | 15.9 | −35 49 | 6.32 | 6.7 | Go | .. | *2,9* | **56**,140 |
| 61 | 11546 | 15.9 | −41 59 | 7.6 | 7.7 | Ao | 7 | .. | 19751b |
| 62 | 11644 | 15.9 | −44 37 | 8.7 | 8.5 | Ko | 7 | .. | 17084b |
| 63 | 11643 | 15.9 | −44 42 | 8.0 | 8.3 | B8 | 8 | .. | 17084b |
| 64 | 5916 | 15.9 | −61 42 | 8.8 | 8.9 | Fo | 4 | .. | 39370b |
| 65 | 831 | 15.9 | −80 28 | *8.7* | 9.5 | G5 | 4 | .. | 43458b |
| 66 | 2945 | 16.0 | +34 1 | 8.1 | *8.9* | G5 | 3 | .. | 38779i |
| 67 | 3155 | 16.0 | +16 6 | 7.9 | *8.7* | G5 | 3 | .. | 37827i |
| 68 | 3163 | 16.0 | +15 16 | 7.24 | *7.66* | F5 | 5 | .. | 38455i |
| 69 | 3394 | 16.0 | + 6 48 | 9.1 | *10.1* | Ko | 3 | .. | 18982b |
| 70 | 3393 | 16.0 | + 6 31 | 8.1 | *9.1* | Ko | 4 | .. | 37767i |
| 71 | 3374 | 16.0 | + 5 37 | 9.8 | *10.2* | F5 | 2 | .. | 18982b |
| 72 | 4742 | 16.0 | −20 28 | 7.12 | 8.6 | K2 | 4 | .. | 40627b |
| 73 | 13340 | 16.0 | −23 29 | 7.8 | 9.0 | Ko | 4 | .. | 40627b |
| 74 | 11604 | 16.0 | −27 55 | 8.1 | 8.8 | Ao | 6 | .. | 17036b |
| 75 | 14096 | 16.0 | −30 7 | 8.10 | 8.3 | F5 | 6 | .. | 40431b |
| 76 | 11510 | 16.0 | −37 33 | 8.7 | 9.7 | K2 | 2 | .. | 40426b |
| 77 | 11803 | 16.0 | −38 5 | 9.4 | 9.3 | A3 | 3 | .. | 40426b |
| 78 | 11240 | 16.0 | −50 20 | 8.3 | 8.6 | Ko | 3 | .. | 19961b |
| 79 | 10853 | 16.0 | −51 49 | 11.0 | 9.5 | Ao | 1 | .. | 19961b |
| 80 | 8510 | 16.0 | −57 27 | *8.9* | 9.9 | Ko | 1 | .. | 39301b |
| 81 | 6998 | 16.0 | −59 8 | 7.1 | 7.5 | Ao | 4 | 0,8 | 43198b |
| 82 | 5566 | 16.0 | −62 16 | *9.7* | 9.7 | Ao | 2 | .. | 39370b |
| 83 | 3108 | 16.0 | −66 3 | *9.3* | 9.3 | Ao | 4 | .. | 39370b |
| 84 | 3321 | 16.0 | −67 15 | *8.2* | 8.8 | Go | 3 | .. | 42525b |
| 85 | 2290 | 16.1 | +46 35 | 8.3 | *9.3* | Ko | 5 | .. | 6040m |
| 86 | 2724 | 16.1 | +28 34 | 8.7 | *9.2* | F8 | 2 | .. | 37805i |
| 87 | 3246 | 16.1 | +25 37 | 5.32 | *5.38* | A2 | .. | .. | **56**,94 |
| 88 | 3398 | 16.1 | + 4 44 | 7.35 | *8.35* | Ko | 6 | .. | 37767i |
| 89 | 3421 | 16.1 | + 1 32 | 6.96 | *7.52* | Go | 7 | .. | 37767i |
| 90 | 4787 | 16.1 | −17 40 | 9.5 | *10.5* | Ko | 1 | 5,1 | 39378b |
| 91 | 4744 | 16.1 | −20 39 | 8.8 | 9.2 | Ao | 4 | .. | 40627b |
| 92 | 4589 | 16.1 | −21 12 | 9.9 | 10.7 | K5 | 1 | .. | 38104b |
| 93 | 13296 | 16.1 | −24 52 | 8.7 | 8.7 | A5 | 4 | .. | 17036b |
| 94 | 12095 | 16.1 | −26 8 | 7.5 | 9.6 | K2 | 3 | .. | 17036b |
| 95 | 13923 | 16.1 | −31 21 | 10.7 | 10.0 | Ao | 2 | .. | 40431b |
| 96 | 11507 | 16.1 | −35 9 | 9.69 | 10.0 | Go | 1 | .. | 40431b |
| 97 | 11512 | 16.1 | −37 8 | 6.02 | 7.1 | Ko | 9 | .. | 40426b |
| 98 | 11805 | 16.1 | −38 28 | 9.4 | 9.2 | B8 | 2 | .. | 40426b |
| 99 | 12090 | 16.1 | −42 44 | 9.1 | 8.6 | B5 | 6 | .. | 19751b |
| 100 | 11490 | 16.1 | −47 14 | 8.6 | 9.4 | G5 | 6 | .. | 17084b |



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1922AnHar..97....1C



## 157100 — $17^h\,16^m.1$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 6999 | 16.1 | −59 18 | 8.8 | 9.7 | G5 | 3 | .. | 39301b |
| 2 | 1537 | 16.2 | +62 40 | 8.2 | *9.2* | Ko | 3 | .. | 38536i |
| 3 | 1932 | 16.2 | +53 44 | 9.1 | *9.5* | F5 | 2 | .. | 37802i |
| 4 | 3384 | 16.2 | + 3 55 | 8.7 | *9.7* | Ko | 2 | 2,2 | 37767i |
| 5 | 3422 | 16.2 | + 1 40 | 7.7 | *8.2* | F8 | 3 | .. | 37767i |
| 6 | 3269 | 16.2 | − 0 33 | 8.7 | *9.8* | K2 | 1 | .. | 39408b |
| 7 | 4479 | 16.2 | −10 58 | 8.6 | *8.6* | Ao | 7 | .. | 40585b |
| 8 | 4788 | 16.2 | −17 7 | 8.4 | *8.5* | A2 | 6 | .. | 16852b |
| 9 | 4611 | 16.2 | −19 59 | 9.08 | 10.4 | Ko | 2 | .. | 40619b |
| 10 | 11607 | 16.2 | −27 42 | 9.7 | 9.9 | Fo | 1 | .. | 17036b |
| 11 | 12673 | 16.2 | −32 28 | 9.4 | 9.7 | F8 | 1 | .. | 40431b |
| 12 | 12093 | 16.2 | −42 17 | 9.5 | 10.0 | K5 | 1 | .. | 19751b |
| 13 | 12092 | 16.2 | −42 25 | 8.7 | 9.0 | Ko | 4 | .. | 19751b |
| 14 | 11458 | 16.2 | −45 7 | 9.11 | 8.5 | B9 | 6 | .. | 17084b |
| 15 | 11459 | 16.2 | −45 21 | 8.9 | 8.5 | B8 | 8 | .. | 17084b |
| 16 | 11455 | 16.2 | −46 10 | 9.7 | 9.5 | Fo | 4 | .. | 17084b |
| 17 | 11653 | 16.2 | −48 37 | 7.5 | 8.2 | G5 | 7 | .. | 17084b |
| 18 | 11388 | 16.2 | −49 18 | 9.3 | 8.6 | Fo | 6 | .. | 17084b |
| 19 | 3444 | 16.2 | −65 49 | *8.8* | 9.9 | K2 | 2 | .. | 39370b |
| 20 | 2199 | 16.3 | +51 2 | 8.2 | *9.3* | K2 | 1 | .. | 38777i |
| 21 | 3225 | 16.3 | +17 9 | 7.7 | *8.8* | K2 | 2 | .. | 38455i |
| 22 | 3198 | 16.3 | +12 13 | 9.3 | *9.3* | A | 2 | .. | 18982b |
| 23 | 3270 | 16.3 | − 0 40 | 8.4 | *8.7* | F2 | 3 | .. | 41559b |
| 24 | 4619 | 16.3 | −14 57 | 8.41 | *8.41* | Ao | 5 | .. | 16852b |
| 25 | 12006 | 16.3 | −33 44 | 9.1 | 9.1 | F2 | 4 | .. | 40431b |
| 26 | 11809 | 16.3 | −38 15 | 10.0 | 9.8 | Ao | 2 | .. | 40426b |
| 27 | 11810 | 16.3 | −38 28 | 9.0 | 9.2 | B8 | 3 | .. | 40426b |
| 28 | 11390 | 16.3 | −39 40 | 9.1 | 9.5 | Ao | 3 | .. | 40426b |
| 29 | 11648 | 16.3 | −43 20 | 10.6 | 9.8 | F5 | 2 | .. | 19751b |
| 30 | 11649 | 16.3 | −43 45 | 9.9 | 10.6 | Mb | .. | .. | M |
| 31 | 11462 | 16.3 | −45 5 | 9.16 | 9.2 | Fo | 5 | .. | 17084b |
| 32 | *11460* | 16.3 | −46 0 | 8.7 | 9.1 | Ko | 4 | .. | 17084b |
| 33 | 3445 | 16.3 | −65 13 | *8.6* | 8.7 | A2 | 3 | .. | 13775b |
| 34 | 832 | 16.3 | −80 28 | *9.9* | 10.0 | A5 | 1 | .. | 43458b |
| 35 | 3104 | 16.4 | +39 23 | 8.2 | *9.6* | Ma | .. | .. | M |
| 36 | 3402 | 16.4 | + 4 56 | 9.3 | *9.7* | F5 | 2 | .. | 37767i |
| 37 | 3400 | 16.4 | + 4 34 | 9.1 | *10.1* | Ko | 2 | .. | 37767i |
| 38 | 3401 | 16.4 | + 4 17 | 9.1 | *9.2* | A2 | 3 | .. | 37767i |
| 39 | 3300 | 16.4 | + 2 10 | 9.8 | *9.9* | A2 | 2 | .. | 14180b |
| 40 | 4620 | 16.4 | −14 13 | 9.2 | *9.3* | A3 | 4 | .. | 40585b |
| 41 | 14109 | 16.4 | −30 50 | 10.0 | 9.5 | G5 | 2 | .. | 40431b |
| 42 | 12010 | 16.4 | −33 7 | 9.3 | 9.2 | F8 | 5 | .. | 40431b |
| 43 | 11385 | 16.4 | −40 2 | 8.28 | 9.2 | K2 | 5 | .. | 40426b |
| 44 | 11462 | 16.4 | −46 11 | 9.3 | 10.5 | Mc | .. | .. | M |
| 45 | 11456 | 16.4 | −46 40 | 10.3 | 10.2 | Ao | 2 | .. | 17084b |
| 46 | 11496 | 16.4 | −47 26 | 9.7 | 10.0 | G5 | 2 | .. | 17084b |
| 47 | 11656 | 16.4 | −48 43 | 10.1 | 9.4 | Ao | 3 | .. | 17084b |
| 48 | 11390 | 16.4 | −49 18 | 8.6 | 7.9 | A2 | 8 | .. | 17084b |
| 49 | 1935 | 16.5 | +53 35 | 8.9 | *9.0* | A2 | 2 | .. | 38777i |
| 50 | 3003 | 16.5 | +26 39 | 8.9 | *9.7* | G5 | 1 | .. | 37805i |
| 51 | 3100 | 16.5 | +21 39 | 6.95 | *6.93* | B9 | 6 | 0,5 | 38780i |
| 52 | 3397 | 16.5 | + 6 31 | 9.1 | *10.1* | Ko | 2 | .. | 37767i |
| 53 | 4507 | 16.5 | −18 33 | 8.8 | *9.8* | Ko | 4 | .. | 39404b |
| 54 | *4746* | 16.5 | −21 3 | 10.3 | 10.4 | A2 | 2 | .. | 38104b |
| 55 | 11608 | 16.5 | −27 35 | 8.3 | 9.3 | G5 | 3 | .. | 17036b |
| 56 | *12011* | 16.5 | −34 2 | 9.4 | 9.5 | B9 | 3 | .. | 40431b |
| 57 | 11514 | 16.5 | −37 54 | 8.8 | 9.8 | Ko | 3 | .. | 40426b |
| 58 | 11460 | 16.5 | −46 47 | 10.6 | 10.3 | Ao | 2 | .. | 17084b |
| 59 | 11497 | 16.5 | −47 56 | 9.3 | 10.3 | Ko | 3 | .. | 17084b |
| 60 | 11657 | 16.5 | −48 30 | 9.7 | 9.5 | Fc | 2 | .. | 17084b |
| 61 | 10624 | 16.5 | −52 5 | 8.5 | 9.1 | Go | 4 | .. | 19961b |
| 62 | 8267 | 16.5 | −54 19 | 8.8 | 8.5 | F2 | 3 | .. | 39301b |
| 63 | 8264 | 16.5 | −54 40 | 8.1 | 8.0 | F5 | 3 | .. | 39301b |
| 64 | 2148 | 16.5 | −71 34 | *9.1* | 9.1 | Ao | 3 | .. | 21336b |
| 65 | 2954 | 16.6 | +35 48 | 8.3 | *8.8* | F8 | 3 | .. | 38779i |
| 66 | 2792 | 16.6 | +27 37 | 8.9 | *9.7* | G5 | 1 | .. | 37805i |
| 67 | 3355 | 16.6 | +13 7 | 8.5 | *8.9* | F5 | 2 | .. | 37827i |
| 68 | 3161 | 16.6 | +11 9 | 8.1 | *8.6* | F8 | 2 | .. | 37827i |
| 69 | 3318 | 16.6 | − 1 50 | 9.8 | *10.8* | Ko | 1 | .. | 39399b |
| 70 | 4789 | 16.6 | −17 14 | 8.2 | *8.2* | Ao | 7 | .. | 16852b |
| 71 | *4508* | 16.6 | −19 1 | 9.2 | *9.2* | Ao | 4 | .. | 39404b |
| 72 | 4615 | 16.6 | −19 31 | 8.1 | 8.4 | G5 | 7 | .. | 39404b |
| 73 | 4331 | 16.6 | −22 36 | 9.5 | 8.9 | Ao | 4 | .. | 40627b |
| 74 | 12122 | 16.6 | −25 28 | 8.3 | 8.8 | B9 | 4 | .. | 17036b |
| 75 | 11399 | 16.6 | −39 43 | 9.6 | 10.3 | Ko | 1 | .. | 40426b |
| 76 | *11400* | 16.6 | −40 1 | 9.48 | 9.8 | A2 | 2 | .. | 40426b |
| 77 | 11661 | 16.6 | −48 25 | 9.5 | 9.5 | G5 | 2 | .. | 17084b |
| 78 | 11248 | 16.6 | −50 45 | 8.5 | 8.6 | G5 | 4 | .. | 19961b |
| 79 | 8269 | 16.6 | −54 28 | 7.2 | 7.1 | A2 | 7 | .. | 39301b |
| 80 | 7111 | 16.6 | −58 58 | 8.2 | 8.6 | G5 | 5 | .. | 39301b |
| 81 | 2149 | 16.6 | −71 6 | *9.8* | 9.9 | A3 | 2 | .. | 21336b |
| 82 | 3395 | 16.7 | + 8 26 | 9.5 | *10.5* | Ko | 2 | .. | 18982b |
| 83 | 4596 | 16.7 | −13 56 | 8.6 | *9.6* | Ko | 2 | .. | 40585b |
| 84 | 4790 | 16.7 | −17 15 | 9.5 | *9.5* | Ao | 4 | .. | 16852b |
| 85 | 4614 | 16.7 | −19 58 | 10.8 | 10.1 | Ao | 2 | .. | 40619b |
| 86 | 4747 | 16.7 | −20 43 | 8.8 | 9.6 | Ko | 2 | .. | 40627b |
| 87 | 13353 | 16.7 | −23 57 | 9.5 | 10.4 | Ko | 2 | .. | 38104b |
| 88 | 13460 | 16.7 | −29 17 | 9.7 | 10.0 | A3 | 1 | .. | 17036b |
| 89 | 13935 | 16.7 | −31 24 | 8.3 | 9.2 | Ao | 4 | .. | 40431b |
| 90 | 12683 | 16.7 | −32 4 | 8.7 | 10.4 | K5 | 1 | .. | 40431b |
| 91 | 12012 | 16.7 | −33 44 | 8.1 | 9.5 | Ko | 3 | .. | 40431b |
| 92 | 11453 | 16.7 | −36 59 | 8.0 | 8.2 | B9 | 4 | .. | 40426b |
| 93 | 11395 | 16.7 | −40 7 | 8.78 | 9.3 | G5 | 4 | .. | 40426b |
| 94 | 8592 | 16.7 | −53 34 | 8.3 | 8.8 | Ko | 3 | .. | 19961b |
| 95 | 6809 | 16.7 | −60 3 | 9.23 | 10.0 | G5 | 2 | .. | 39370b |
| 96 | 2060 | 16.7 | −72 31 | *8.8* | 9.1 | F2 | 3 | .. | 21336b |
| 97 | 2692 | 16.8 | +44 39 | 8.6 | *8.9* | F2 | 5 | .. | 6040m |
| 98 | 3167 | 16.8 | +24 36 | 5.12 | *5.12* | Ao | .. | .. | 56,94 |
| 99 | 3357 | 16.8 | +13 43 | 7.9 | *9.0* | K2 | 2 | .. | 37827i |
| 100 | 4540 | 16.8 | − 9 37 | 9.2 | *9.2* | Ao | 3 | .. | 14191b |



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1922AnHar..97....1C



## 157200 — $17^h\,16^m.8$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. | H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | | | | m. | ° ′ | | | | | | |
| 1 | 4791 | 16.8 | −17 36 | 8.8 | *8.8* | Ao | 7 | .. | 40619b | 51 | 3110 | 17.0 | −66 47 | *9.4* | 9.4 | Ao | 2 | .. | 42525b |
| 2 | 4748 | 16.8 | −20 8 | 8.08 | 8.9 | Ko | 5 | 5,5 | 38104b | 52 | 1629 | 17.0 | −74 50 | *8.4* | 9.4 | Ko | 3 | .. | 42633b |
| 3 | 13461 | 16.8 | −29 27 | 10.0 | 9.4 | Fo | 2 | .. | 17036b | 53 | 2693 | 17.1 | +44 57 | 10.3 | *11.3* | Ko | 2 | .. | 6040m |
| 4 | 11521 | 16.8 | −35 7 | 10.4 | 10.0 | Go | 1 | .. | 40431b | 54 | 2918 | 17.1 | +38 57 | 8.6 | *9.8* | K5 | 2 | .. | 38779i |
| 5 | 11818 | 16.8 | −38 12 | 10.7 | 10.0 | Go | 1 | .. | 40426b | 55 | 2898 | 17.1 | +32 47 | 6.83 | *6.83* | Ao | 7 | .. | 38779i |
| 6 | 11820 | 16.8 | −38 29 | 8.7 | 8.9 | Ao | 5 | .. | 40426b | 56 | 3249 | 17.1 | +25 49 | 8.8 | *9.2* | F5 | 2 | .. | 37805i |
| 7 | R | 16.8 | −39 49 | *9.8* | 9.8 | B9 | 2 | .. | 40426b | 57 | 3163 | 17.1 | +16 50 | 6.59 | *7.94* | Ma | 6 | .. | 38455i |
| 8 | 11665 | 16.8 | −48 28 | 11.6 | 9.9 | A2 | 1 | .. | 17084b | 58 | 3372 | 17.1 | + 9 50 | 7.47 | *8.47* | Ko | 2 | .. | 37827i |
| 9 | 10866 | 16.8 | −51 20 | 8.3 | 8.6 | B9 | 7 | .. | 19961b | 59 | 3399 | 17.1 | + 6 39 | 9.0 | *9.5* | F8 | 2 | .. | 18982b |
| 10 | 8095 | 16.8 | −55 40 | *9.4* | 9.4 | Ao | 3 | .. | 39301b | 60 | 3377 | 17.1 | + 5 39 | 9.8 | *10.2* | F5 | 1 | .. | 18982b |
| 11 | 5572 | 16.8 | −62 25 | *9.4* | 9.5 | A2 | 2 | .. | 39370b | 61 | 3378 | 17.1 | + 5 7 | 6.74 | *7.52* | G5 | 8 | .. | 37767i |
| 12 | 4101 | 16.8 | −63 14 | *8.9* | 9.9 | Ko | 1 | .. | 39370b | 62 | 4734 | 17.1 | −12 39 | 8.4 | *9.6* | K5 | 4 | .. | 40585b |
| 13 | 2955 | 16.9 | +35 28 | 7.8 | *7.8* | Ao | 7 | .. | 38779i | 63 | 4750 | 17.1 | −20 7 | 7.98 | 8.9 | Ko | 6 | 0,5 | 38104b |
| 14 | 2896 | 16.9 | +32 36 | 5.36 | *6.92* | Go | 10 | R | 38779i | 64 | 13945 | 17.1 | −31 37 | 7.62 | 7.9 | F2 | 6 | .. | 40431b |
| 15 | 3389 | 16.9 | + 3 24 | 8.5 | *8.5* | B9 | 4 | .. | 37767i | 65 | *11674* | 17.1 | −45 0 | 11.0 | 10.2 | Ao | 2 | .. | 17084b |
| 16 | 4333 | 16.9 | −22 29 | 9.0 | 9.5 | Ko | 3 | .. | 40627b | 66 | 11472 | 17.1 | −46 10 | 9.7 | 9.2 | F2 | 6 | .. | 17084b |
| 17 | 11663 | 16.9 | −34 24 | 9.4 | 10.0 | Go | 2 | .. | 40431b | 67 | 11510 | 17.1 | −47 3 | 10.1 | 9.7 | A | 4 | .. | 17084b |
| 18 | 11405 | 16.9 | −39 18 | 9.4 | 9.8 | Ao | 2 | .. | 40426b | 68 | 11509 | 17.1 | −47 4 | 10.1 | 9.7 | A | | | |
| 19 | 11254 | 16.9 | −50 45 | 8.4 | 8.9 | G5 | 3 | .. | 19961b | 69 | *11406* | 17.1 | −50 0 | 10.1 | 9.1 | Ao | 2 | .. | 19961b |
| 20 | 7116 | 16.9 | −58 19 | 9.2 | 9.7 | G5 | 2 | .. | 39301b | 70 | 11256 | 17.1 | −50 7 | 9.9 | 9.6 | Ao | 2 | .. | 19961b |
| 21 | 4102 | 16.9 | −63 33 | *8.9* | 9.9 | Ko | 2 | .. | 39370b | 71 | 8103 | 17.1 | −55 59 | *8.7* | 9.5 | G5 | 2 | .. | 29301b |
| 22 | 1191 | 17.0 | +64 7 | 7.18 | *7.52* | F2 | 6 | .. | 38536i | 72 | 5576 | 17.1 | −62 26 | *8.8* | 9.1 | Fo | 2 | .. | 13775b |
| 23 | 1718 | 17.0 | +58 27 | 9.0 | *9.3* | Fo | 2 | .. | 37802i | 73 | 4103 | 17.1 | −63 44 | *9.0* | 9.0 | B9 | 5 | .. | 39370b |
| 24 | 2521 | 17.0 | +45 23 | 6.65 | *6.93* | Fo | 8 | .. | 38566i | 74 | 2729 | 17.1 | −69 59 | 7.84 | 9.1 | G5 | 3 | .. | 42525b |
| 25 | *2830* | 17.0 | +41 58 | 8.1 | *8.2* | A2 | 5 | .. | 38566i | 75 | .. | 17.2 | +44 56 | .. | .. | Ko | 1 | .. | 6040m |
| 26 | 3232 | 17.0 | +14 34 | 8.5 | *9.7* | K5 | 1 | .. | 37827i | 76 | 2694 | 17.2 | +44 3 | 9.5 | *10.1* | Go | 4 | .. | 6040m |
| 27 | 3403 | 17.0 | + 4 35 | 8.9 | *9.7* | G5 | 3 | .. | 37767i | 77 | 2718 | 17.2 | +43 50 | 9.5 | *10.5* | Ko | 2 | .. | 6040m |
| 28 | 3390 | 17.0 | + 3 6 | 8.5 | *9.5* | Ko | 2 | 5,2 | 37767i | 78 | 3400 | 17.2 | + 6 38 | 8.1 | *8.1* | Ao | 5 | .. | 37767i |
| 29 | 4091 | 17.0 | − 3 31 | 8.9 | *9.5* | Go | 2 | .. | 39399b | 79 | 3379 | 17.2 | + 5 18 | 8.0 | *8.8* | G5 | 4 | .. | 37767i |
| 30 | 4509 | 17.0 | −18 6 | 9.5 | *9.6* | A3 | 4 | .. | 39404b | 80 | 4269 | 17.2 | − 4 39 | 8.8 | *8.9* | A2 | 3 | .. | 39399b |
| 31 | 4335 | 17.0 | −22 23 | 9.5 | 9.8 | F5 | 2 | .. | 38104b | 81 | 4735 | 17.2 | −12 18 | 9.3 | *10.1* | G5 | 1 | .. | 40585b |
| 32 | 13355 | 17.0 | −23 48 | 10.9 | 10.7 | Ko | 1 | .. | 38104b | 82 | 4336 | 17.2 | −22 55 | 7.42 | 7.8 | B9 | 4 | .. | 43292b |
| 33 | 13310 | 17.0 | −24 19 | 10.0 | 9.3 | A3 | 2 | .. | 40627b | 83 | 14128 | 17.2 | −30 18 | 9.5 | 9.1 | A2 | 3 | .. | 40431b |
| 34 | *13308* | 17.0 | −25 0 | 7.38 | 7.3 | A5 | 5 | 3,8 | 43292b | 84 | 14127 | 17.2 | −30 59 | 9.3 | 9.7 | Ko | 2 | .. | 40431b |
| 35 | 11617 | 17.0 | −27 52 | 10.2 | 9.9 | G5 | 1 | .. | 17036b | 85 | 13951 | 17.2 | −31 24 | 9.5 | 10.6 | G5 | 1 | .. | 40431b |
| 36 | 13081 | 17.0 | −28 2 | 5.43 | 7.5 | K2 | .. | 3,6 | **56**,140 | 86 | 11528 | 17.2 | −37 55 | 10.9 | 8.8 | B8 | 4 | .. | 40426b |
| 37 | 14122 | 17.0 | −30 45 | 10.2 | 9.7 | Ao | 2 | .. | 40431b | 87 | 11827 | 17.2 | −38 20 | 11.1 | 9.8 | A3 | 2 | .. | 40426b |
| 38 | 13941 | 17.0 | −31 54 | 10.0 | 9.7 | B8 | 2 | .. | 40431b | 88 | .. | 17.2 | −38 47 | var. | var. | Md | 3 | R | 40426b |
| 39 | 11461 | 17.0 | −36 48 | 9.4 | 9.7 | A2 | 2 | .. | 40426b | 89 | 5921 | 17.2 | −61 23 | 8.2 | 8.5 | Ao | 4 | .. | 13775b |
| 40 | *11526* | 17.0 | −38 2 | 10.2 | 9.7 | A3 | 2 | .. | 40426b | 90 | 5577 | 17.2 | −62 50 | *7.1* | 8.2 | K2 | 6 | .. | 13775b |
| 41 | 11653 | 17.0 | −43 43 | 8.0 | 8.2 | B9 | 7 | .. | 19751b | 91 | 3633 | 17.2 | −64 39 | *9.2* | 10.2 | Ko | 1 | .. | 39370b |
| 42 | 11657 | 17.0 | −43 54 | 8.3 | 8.0 | Fo | 6 | .. | 19751b | 92 | 2291 | 17.3 | +46 50 | 9.1 | *10.1* | Ko | 4 | .. | 6040m |
| 43 | 11669 | 17.0 | −44 4 | 5.10 | 5.8 | B8 | .. | .. | **28**,212 | 93 | 2853 | 17.3 | +36 47 | 8.1 | *8.1* | Ao | 6 | .. | 38779i |
| 44 | 8100 | 17.0 | −55 26 | 2.80 | 5.5 | K2 | .. | R | **28**,212 | 94 | 3005 | 17.3 | +26 4 | 8.3 | *9.3* | Ko | 3 | .. | 37805i |
| 45 | 8099 | 17.0 | −55 54 | 9.0 | 9.5 | Ma | 2 | .. | 39301b | 95 | 3291 | 17.3 | +19 47 | 9.00 | *10.0* | Ko | 1 | .. | 38780i |
| 46 | 8225 | 17.0 | −56 17 | 3.51 | *3.29* | B1 | .. | R | **28**,212 | 96 | 3202 | 17.3 | +12 33 | 8.9 | *9.5* | G | 2 | .. | 18982b |
| 47 | 7118 | 17.0 | −58 15 | *9.4* | 10.2 | G5 | 1 | .. | 39301b | 97 | 3166 | 17.3 | +11 47 | 7.08 | *7.08* | Ao | 7 | .. | 37827i |
| 48 | 5920 | 17.0 | −61 23 | 9.2 | 9.5 | Fo | 2 | .. | 39370b | 98 | 3423 | 17.3 | + 1 31 | 8.5 | *9.1* | Go | 2 | .. | 37767i |
| 49 | 3630 | 17.0 | −64 26 | *8.7* | 8.7 | Ao | 3 | .. | 13775b | 99 | 4587 | 17.3 | − 6 14 | 8.0 | *8.6* | Go | 6 | .. | 14191b |
| 50 | 3631 | 17.0 | −64 41 | *9.5* | 9.9 | F5 | 2 | .. | 39370b | 100 | *4792* | 17.3 | −18 2 | 9.5 | *10.5* | Ko | 3 | .. | 19404b |



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1922AnHar..97....1C



## 157300 — 17h 17m.3

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4617 | 17.3 | −19 21 | 8.0 | 8.6 | A2 | 7 | .. | 39404b |
| 2 | 13467 | 17.3 | −29 9 | 9.3 | 10.0 | Ko | 1 | .. | 17036b |
| 3 | 11485 | 17.3 | −45 12 | 10.6 | 10.2 | G5 | 1 | .. | 17084b |
| 4 | 11258 | 17.3 | −50 22 | 7.60 | 7.9 | F8 | 7 | .. | 19961b |
| 5 | 2731 | 17.3 | −69 28 | *9.2* | 10.0 | G5 | 1 | .. | 42525b |
| 6 | 1834 | 17.3 | −73 4 | *8.1* | 8.7 | Go | 4 | .. | 20270b |
| 7 | *2457* | 17.4 | +46 59 | 10.0 | *10.6* | G | 2 | .. | 6040m |
| 8 | 2523 | 17.4 | +45 5 | 9.82 | *10.89* | K2 | 2 | .. | 6040m |
| 9 | 3380 | 17.4 | + 5 56 | 9.8 | *10.9* | K2 | 1 | .. | 18982b |
| 10 | 3405 | 17.4 | + 4 51 | 9.3 | *10.1* | G5 | 2 | .. | 37767i |
| 11 | 3302 | 17.4 | + 2 26 | 9.3 | *10.5* | K5 | 1 | .. | 14180b |
| 12 | 4752 | 17.4 | −20 8 | 10.1 | 10.4 | A | 1 | .. | 40619b |
| 13 | *11828* | 17.4 | −39 1 | 8.7 | 10.1 | Ko | 2 | .. | 40426b |
| 14 | 11404 | 17.4 | −40 49 | 9.0 | 8.9 | Ao | 6 | .. | 19751b |
| 15 | 11682 | 17.4 | −44 6 | 8.5 | 9.4 | K2 | 5 | .. | 19751b |
| 16 | 11680 | 17.4 | −44 55 | 6.82 | 6.7 | Fo | 7 | .. | 36507b |
| 17 | 11478 | 17.4 | −46 7 | 7.3 | 7.4 | B5 | .. | .. | **56**,140 |
| 18 | 10638 | 17.4 | −52 28 | *9.5* | 9.6 | A3 | 4 | .. | 19961b |
| 19 | 5924 | 17.4 | −61 26 | 9.1 | 9.7 | Fo | 1 | .. | 39370b |
| 20 | 5581 | 17.4 | −62 2 | *8.3* | 9.5 | K5 | 1 | .. | 13775b |
| 21 | 3634 | 17.4 | −64 55 | 8.25 | 8.4 | Fo | 5 | .. | 13775b |
| 22 | *2047* | 17.5 | +51 59 | 8.1 | *9.1* | Ko | 4 | .. | 38777i |
| 23 | 2459 | 17.5 | +47 3 | 9.6 | *9.9* | F2 | 4 | .. | 6040m |
| 24 | 2292 | 17.5 | +46 44 | 10.3 | *10.9* | Go | 2 | .. | 6040m |
| 25 | 2293 | 17.5 | +46 20 | 5.77 | *6.84* | K2 | 8 | 0,10 | 38566i |
| 26 | 2695 | 17.5 | +44 18 | 6.94 | *7.94* | Ko | 6 | 0,8 | 38566i |
| 27 | 3108 | 17.5 | +39 12 | 8.7 | *9.7* | Ko | 3 | .. | 38779i |
| 28 | 2857 | 17.5 | +36 35 | 8.1 | *9.1* | Ko | 2 | .. | 38779i |
| 29 | 3004 | 17.5 | +31 21 | 6.85 | *7.35* | F8 | 6 | .. | 37805i |
| 30 | 3090 | 17.5 | +23 1 | var. | var. | Md | .. | R | M |
| 31 | 3457 | 17.5 | +20 33 | 8.5 | *9.6* | K2 | 2 | .. | 38780i |
| 32 | 3406 | 17.5 | + 4 26 | 8.7 | *8.7* | Ao | 5 | .. | 37767i |
| 33 | 4092 | 17.5 | − 3 38 | 8.7 | *8.7* | Ao | 3 | .. | 41559b |
| 34 | 4736 | 17.5 | −12 24 | 9.9 | *9.9* | Ao | 2 | .. | 40585b |
| 35 | 13088 | 17.5 | −28 24 | 8.1 | *9.5* | Ma | .. | .. | M |
| 36 | 13474 | 17.5 | −29 43 | 7.4 | 8.8 | Ko | 5 | .. | 40731b |
| 37 | 13957 | 17.5 | −31 23 | 9.5 | 9.7 | A5 | 2 | .. | 40431b |
| 38 | 11665 | 17.5 | −34 42 | 6.93 | 7.4 | Go | 9 | .. | 40431b |
| 39 | 11468 | 17.5 | −36 23 | 10.7 | 10.0 | Ao | 2 | .. | 16748b |
| 40 | 11537 | 17.5 | −37 16 | 10.4 | 10.0 | A5 | 2 | .. | 16748b |
| 41 | 6811 | 17.5 | −60 16 | *10.5* | 10.5 | Ao | 1 | .. | 39370b |
| 42 | 2380 | 17.5 | −70 33 | *7.4* | 8.4 | Ko | 6 | .. | 42525b |
| 43 | 1971 | 17.6 | +56 17 | 8.2 | *9.0* | G5 | 3 | .. | 37802i |
| 44 | 3293 | 17.6 | +19 52 | 8.70 | *9.77* | K2 | 1 | .. | 37780i |
| 45 | 3382 | 17.6 | + 5 52 | 9.1 | *9.2* | A5 | 3 | .. | 37767i |
| 46 | 3272 | 17.6 | − 0 47 | 8.3 | *9.5* | K5 | 1 | .. | 41559b |
| 47 | 4343 | 17.6 | − 2 18 | 6.30 | *7.08* | G5 | 10 | .. | 41559b |
| 48 | *4589* | 17.6 | − 7 1 | 6.96 | *7.52* | Go | 8 | .. | 39416b |
| 49 | 4600 | 17.6 | −13 39 | 9.9 | *10.0* | A2 | 3 | .. | 40585b |
| 50 | 4793 | 17.6 | −17 53 | 8.6 | *8.7* | A2 | 7 | .. | 39404b |
| 51 | 4594 | 17.6 | −21 37 | 8.17 | 8.9 | F8 | 5 | .. | 40627b |
| 52 | 11418 | 17.6 | −39 26 | 8.4 | 10.0 | Ko | 2 | .. | 40426b |
| 53 | 11416 | 17.6 | −40 15 | 9.4 | 9.3 | A2 | 3 | .. | 40426b |
| 54 | 11488 | 17.6 | −45 48 | 7.6 | 8.9 | Ko | 4 | .. | 17084b |
| 55 | *11491* | 17.6 | −46 0 | 9.7 | 9.4 | B9 | 5 | .. | 17084b |
| 56 | *11481* | 17.6 | −47 0 | 11.6 | 10.2 | Ao | 2 | .. | 17084b |
| 57 | 11677 | 17.6 | −48 39 | 10.6 | 10.7 | Ko | 1 | .. | 17084b |
| 58 | 2728 | 17.7 | +28 51 | 6.33 | *6.83* | F8 | 7 | .. | 37805i |
| 59 | 3091 | 17.7 | +23 47 | 7.8 | *7.8* | Ao | 6 | .. | 37805i |
| 60 | 3199 | 17.7 | +10 18 | 7.28 | *8.35* | K2 | 3 | .. | 37827i |
| 61 | 4794 | 17.7 | −17 43 | Cl. | Cl. | Con. | 2 | R | 39404b |
| 62 | *4340* | 17.7 | −23 0 | 11.2 | 11.3 | K5 | 1 | .. | 38104b |
| 63 | *13964* | 17.7 | −32 2 | 10.7 | 10.0 | Ao | 1 | .. | 40431b |
| 64 | 11493 | 17.7 | −45 24 | 9.7 | 9.1 | B8 | 5 | .. | 17084b |
| 65 | 11482 | 17.7 | −46 20 | 9.9 | 9.5 | Ao | 4 | .. | 17084b |
| 66 | 11422 | 17.7 | −49 22 | 9.0 | 8.9 | Ao | 5 | .. | 19961b |
| 67 | 7126 | 17.7 | −58 30 | 9.0 | 9.4 | A2 | 3 | .. | 39301b |
| 68 | 6812 | 17.7 | −60 14 | 8.5 | 10.2 | K2 | 1 | .. | 39370b |
| 69 | 3635 | 17.7 | −64 48 | *9.5* | 10.1 | Go | 2 | .. | 39370b |
| 70 | 835 | 17.8 | +71 53 | 6.81 | *7.88* | K2 | 6 | .. | 38095i |
| 71 | 918 | 17.8 | +70 44 | 9.0 | *9.4* | F5 | 1 | .. | 38095i |
| 72 | 2201 | 17.8 | +51 46 | 8.2 | *9.2* | Ko | 2 | .. | 38777i |
| 73 | 2506 | 17.8 | +48 17 | 6.32 | *6.66* | F2 | 8 | .. | 38777i |
| 74 | 2696 | 17.8 | +44 21 | 9.6 | *10.8* | K5 | 1 | .. | 6040m |
| 75 | 3103 | 17.8 | +21 15 | 7.07 | *8.14* | K2 | 3 | .. | 38455i |
| 76 | 3236 | 17.8 | +14 53 | 8.54 | *9.32* | G5 | 1 | .. | 37827i |
| 77 | 3375 | 17.8 | + 9 50 | 8.92 | *9.99* | K2 | 2 | .. | 18982b |
| 78 | 4601 | 17.8 | −13 38 | 9.9 | *10.3* | F5 | 2 | .. | 40585b |
| 79 | 4534 | 17.8 | −15 57 | 6.61 | *7.03* | F5 | 9 | .. | 16852b |
| 80 | 4595 | 17.8 | −21 33 | 9.2 | 10.4 | K2 | 2 | 3,1 | 38104b |
| 81 | 12105 | 17.8 | −26 8 | 8.7 | 10.2 | Ko | 1 | .. | 22826b |
| 82 | 13966 | 17.8 | −31 53 | 7.9 | 9.5 | Ko | 4 | .. | 40431b |
| 83 | 12023 | 17.8 | −33 9 | 7.69 | 8.0 | Ao | 6 | .. | 40431b |
| 84 | 12024 | 17.8 | −33 43 | 10.2 | 9.4 | B8 | 2 | .. | 40431b |
| 85 | 11470 | 17.8 | −36 40 | 10.4 | 10.3 | Fo | 2 | .. | 16748b |
| 86 | 11421 | 17.8 | −39 54 | 10.4 | 10.1 | A2 | 1 | .. | 40426b |
| 87 | 11582 | 17.8 | −41 26 | 7.6 | 8.3 | F5 | 8 | .. | 19751b |
| 88 | 11498 | 17.8 | −45 6 | 11.0 | 9.7 | A2 | 2 | .. | 17084b |
| 89 | *11518* | 17.8 | −48 0 | 9.9 | 9.7 | Ao | 3 | .. | 17084b |
| 90 | 2294 | 17.9 | +46 1 | 8.4 | *9.5* | K2 | 4 | .. | 6040m |
| 91 | 2697 | 17.9 | +44 33 | 9.5 | *10.0* | F8 | 2 | .. | 6040m |
| 92 | 3092 | 17.9 | +23 15 | 8.5 | *8.9* | F5 | 2 | E | 37805i |
| 93 | 3171 | 17.9 | +15 16 | 7.69 | *8.19* | F8 | 4 | .. | 37827i |
| 94 | 3238 | 17.9 | +14 46 | 8.4 | *9.0* | Go | 1 | .. | 37827i |
| 95 | 3352 | 17.9 | + 7 29 | 10.5 | *10.6* | A2 | 1 | .. | 18982b |
| 96 | *3425* | 17.9 | + 0 58 | 9.54 | *10.89* | Ma | 1 | .. | 39408b |
| 97 | 4795 | 17.9 | −17 18 | 8.8 | *9.9* | K2 | 4 | 0,3 | 39404b |
| 98 | 13366 | 17.9 | −23 45 | 6.72 | 8.0 | Ko | 4 | .. | 43292b |
| 99 | *11629* | 17.9 | −28 0 | 10.2 | 10.2 | Ao | 1 | .. | 17036b |
| 100 | 11531 | 17.9 | −35 46 | 10.0 | 9.8 | A5 | 2 | .. | 16748b |



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1922AnHar..97....1C



## 157400 — $17^h\,17^m.9$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11530 | 17.9 | −35 56 | 10.0 | 10.3 | Fo | 1 | .. | 16748b |
| 2 | 11668 | 17.9 | −43 7 | 9.9 | 9.5 | Ao | 4 | .. | 19751b |
| 3 | 11487 | 17.9 | −46 6 | 10.6 | 10.0 | A2 | 2 | .. | 17084b |
| 4 | 11521 | 17.9 | −47 49 | 9.2 | 8.8 | A2 | 7 | .. | 17084b |
| 5 | 8527 | 17.9 | −57 22 | *9.9* | 9.9 | Ao | 1 | .. | 39301b |
| 6 | 7127 | 17.9 | −58 23 | 9.2 | 9.7 | Ko | 1 | .. | 39301b |
| 7 | 7128 | 17.9 | −58 55 | 8.2 | 9.5 | Ko | 3 | .. | 39301b |
| 8 | 3111 | 17.9 | −66 12 | *8.4* | 9.6 | K5 | 3 | .. | 42525b |
| 9 | 1539 | 18.0 | +62 39 | 7.38 | *8.45* | K2 | 2 | .. | 38536i |
| 10 | 1720 | 18.0 | +58 37 | 9.0 | *9.3* | F2 | 4 | .. | 37802i |
| 11 | 2620 | 18.0 | +49 7 | 7.77 | *8.84* | K2 | 4 | .. | 38777i |
| 12 | 2698 | 18.0 | +44 8 | 10.0 | *10.6* | G | 1 | .. | 6040m |
| 13 | 3250 | 18.0 | +25 31 | 9.2 | *9.6* | F5 | 2 | .. | 37805i |
| 14 | 3408 | 18.0 | + 4 37 | 9.8 | *10.3* | F8 | 2 | .. | 37767i |
| 15 | 3678 | 18.0 | + 0 56 | 7.84 | *8.62* | G5 | 3 | .. | 37767i |
| 16 | 13484 | 18.0 | −29 47 | 7.74 | 7.9 | B9 | 7 | .. | 40731b |
| 17 | 14144 | 18.0 | −30 27 | 8.0 | 8.8 | Ko | 4 | .. | 40431b |
| 18 | 11473 | 18.0 | −36 22 | 7.8 | 9.4 | Ma | 2 | 0,1 | 40426b |
| 19 | 11474 | 18.0 | −36 38 | 9.1 | 9.4 | Ao | 3 | .. | 40426b |
| 20 | *11587* | 18.0 | −42 0 | 9.6 | 9.8 | Ko | 1 | .. | 19751b |
| 21 | 11698 | 18.0 | −44 53 | 10.6 | 9.5 | A3 | 4 | .. | 17084b |
| 22 | 11522 | 18.0 | −47 35 | 9.2 | 10.3 | Ao | 7 | .. | 17084b |
| 23 | 11682 | 18.0 | −48 2 | 10.1 | 10.6 | Ko | 1 | .. | 17084b |
| 24 | 10642 | 18.0 | −52 29 | *9.6* | 10.6 | Ko | 1 | .. | 19961b |
| 25 | 1652 | 18.1 | +61 51 | 8.1 | *9.3* | K5 | 2 | .. | 38536i |
| 26 | 2719 | 18.1 | +43 23 | 10.0 | *11.0* | Ko | 1 | .. | 6040m |
| 27 | 2961 | 18.1 | +35 54 | 8.1 | *8.4* | Fo | 6 | .. | 38779i |
| 28 | 3010 | 18.1 | +26 37 | 8.7 | *8.7* | Ao | 2 | .. | 37805i |
| 29 | 3009 | 18.1 | +26 10 | 8.8 | *9.4* | Go | 2 | .. | 37805i |
| 30 | 3107 | 18.1 | +21 2 | 8.9 | *9.9* | Ko | 1 | .. | 38780i |
| 31 | 3401 | 18.1 | + 8 4 | 8.3 | *9.4* | K2 | 3 | .. | 18982b |
| 32 | 4436 | 18.1 | − 5 21 | 8.4 | *8.4* | Ao | 4 | .. | 14191b |
| 33 | 13314 | 18.1 | −24 52 | 10.10 | 9.9 | Go | 3 | .. | 38104b |
| 34 | 13101 | 18.1 | −28 34 | 7.5 | 8.1 | B9 | 7 | .. | 17036b |
| 35 | *11429* | 18.1 | −40 0 | 9.73 | 9.6 | Ao | 2 | .. | 40426b |
| 36 | 11672 | 18.1 | −43 44 | var. | var. | Md | .. | R | M |
| 37 | 11488 | 18.1 | −46 19 | 10.6 | 10.2 | Ao | 2 | .. | 17084b |
| 38 | 11526 | 18.1 | −47 24 | 9.7 | 9.7 | B8 | 5 | .. | 17084b |
| 39 | 836 | 18.2 | +71 42 | 8.8 | *8.9* | A5 | 1 | .. | 38095i |
| 40 | 1974 | 18.2 | +56 2 | 7.88 | *7.94* | A2 | 7 | .. | 37802i |
| 41 | 2524 | 18.2 | +45 4 | 8.02 | *8.02* | Ao | 3 | 0,7 | 38566i |
| 42 | 3108 | 18.2 | +21 8 | 8.9 | *9.5* | G | 1 | .. | 38780i |
| 43 | 3378 | 18.2 | + 9 28 | 7.82 | *8.82* | Ko | 7 | .. | 18982b |
| 44 | 3354 | 18.2 | + 7 0 | 10.1 | *10.1* | Ao | 2 | .. | 18982b |
| 45 | *3409* | 18.2 | + 3 59 | 9.0 | *9.4* | F5 | 3 | .. | 37767i |
| 46 | 4759 | 18.2 | −20 7 | 9.9 | 9.9 | G5 | 2 | .. | 39404b |
| 47 | *14149* | 18.2 | −31 1 | 9.7 | 9.7 | Ao | 3 | .. | 40431b |
| 48 | 11548 | 18.2 | −37 7 | 9.4 | 9.7 | B9 | 2 | .. | 40426b |
| 49 | 11431 | 18.2 | −39 30 | 9.4 | 9.6 | A2 | 2 | .. | 40426b |
| 50 | 11431 | 18.2 | −40 23 | 10.9 | 10.1 | Ao | 1 | .. | 40426b |
| 51 | 11673 | 18.2 | −43 24 | 11.6 | 10.2 | Oa | .. | .. | 76,29 |
| 52 | 11675 | 18.2 | −43 31 | 10.1 | 9.4 | B8 | 3 | .. | 19751b |
| 53 | 11492 | 18.2 | −46 16 | 11.0 | 9.8 | Ao | 3 | .. | 17084b |
| 54 | 11429 | 18.2 | −49 10 | 8.5 | 9.0 | K2 | 4 | .. | 19961b |
| 55 | 11431 | 18.2 | −49 39 | 7.2 | 7.5 | B8 | 4 | .. | 36319b |
| 56 | 11268 | 18.2 | −50 28 | 8.3 | 8.0 | Ao | 8 | .. | 19961b |
| 57 | 11269 | 18.2 | −50 33 | 5.24 | 7.2 | Ko | .. | R | 56,140 |
| 58 | 8607 | 18.2 | −53 3 | *9.0* | 9.1 | A5 | 2 | .. | 19961b |
| 59 | 8530 | 18.2 | −57 6 | *9.0* | 9.1 | A2 | 3 | .. | 39301b |
| 60 | 5584 | 18.2 | −62 4 | *10.0* | 10.0 | Ao | 1 | .. | 39370b |
| 61 | 3637 | 18.2 | −64 52 | 7.23 | 8.8 | K5 | 3 | .. | 13775b |
| 62 | 1343 | 18.3 | +63 50 | 7.22 | *7.22* | Ao | 7 | .. | 38536i |
| 63 | 2833 | 18.3 | +42 19 | 7.60 | *8.60* | Ko | 4 | .. | 38566i |
| 64 | 2962 | 18.3 | +35 53 | 8.9 | *9.5* | Go | 2 | .. | 38779i |
| 65 | 2902 | 18.3 | +32 5 | 8.5 | *9.0* | F8 | 3 | .. | 38499i |
| 66 | *3252* | 18.3 | +24 59 | 6.78 | *7.20* | F5 | 6 | .. | 37805i |
| 67 | *4346* | 18.3 | − 3 2 | 7.58 | *8.14* | Go | 6 | .. | 39468b |
| 68 | 4603 | 18.3 | −13 18 | 9.9 | *10.0* | A5 | 3 | .. | 40585b |
| 69 | 4624 | 18.3 | −14 11 | 9.9 | *10.7* | G5 | 2 | .. | 40585b |
| 70 | 4341 | 18.3 | −22 43 | 8.6 | 9.0 | F5 | 4 | .. | 40627b |
| 71 | 13367 | 18.3 | −23 38 | 10.4 | 10.1 | Ao | 4 | .. | 38104b |
| 72 | 13104 | 18.3 | −28 17 | 9.3 | 9.6 | B9 | 3 | .. | 17036b |
| 73 | 12711 | 18.3 | −32 25 | 10.0 | 9.2 | Ao | 4 | .. | 40431b |
| 74 | 11843 | 18.3 | −38 13 | 9.4 | 10.5 | Mb | .. | .. | M |
| 75 | 11432 | 18.3 | −40 29 | 10.7 | 10.0 | Ao | 1 | .. | 40426b |
| 76 | 12118 | 18.3 | −42 12 | 9.9 | 9.8 | Ko | 1 | .. | 19751b |
| 77 | 11506 | 18.3 | −45 11 | 8.16 | 8.3 | A3 | 8 | .. | 17084b |
| 78 | *11432* | 18.3 | −50 0 | 9.7 | 9.2 | Ao | 2 | .. | 19961b |
| 79 | 6814 | 18.3 | −60 9 | 8.76 | 8.8 | Ao | 3 | .. | 13775b |
| 80 | 4104 | 18.3 | −63 11 | *8.1* | 9.3 | K5 | 2 | .. | 13775b |
| 81 | 2295 | 18.4 | +46 13 | 7.62 | *8.62* | Ko | 3 | 0,7 | 38566i |
| 82 | 3136 | 18.4 | +40 5 | 5.72 | *6.22* | F8 | 8 | .. | 38566i |
| 83 | 3167 | 18.4 | +16 33 | 8.6 | *9.4* | G5 | 1 | .. | 37827i |
| 84 | 3402 | 18.4 | + 8 4 | 8.5 | *9.6* | K2 | 4 | .. | 18982b |
| 85 | 12112 | 18.4 | −26 50 | 8.1 | 9.7 | A2 | 2 | R | 17036b |
| 86 | 11674 | 18.4 | −34 37 | 6.28 | 6.4 | Ao | 9 | .. | 40731b |
| 87 | 11703 | 18.4 | −44 42 | 7.90 | 8.6 | Ko | 7 | .. | 17084b |
| 88 | 11687 | 18.4 | −48 7 | 10.3 | 10.1 | Fo | 2 | .. | 17084b |
| 89 | 7010 | 18.4 | −59 50 | *9.7* | 9.7 | Ao | 2 | .. | 39370b |
| 90 | 2151 | 18.4 | −71 2 | *10.3* | 11.1 | G5 | 1 | R | 21336b |
| 91 | *2382* | 18.4 | −71 2 | *10.3* | 11.1 | | | | |
| 92 | 2390 | 18.5 | +50 9 | 9.1 | *9.9* | G5 | 1 | .. | 38777i |
| 93 | 3129 | 18.5 | +22 27 | 9.9 | *10.5* | Go | 1 | .. | 38780i |
| 94 | 3173 | 18.5 | +15 0 | 8.84 | *8.90* | A2 | 3 | .. | 37827i |
| 95 | 3381 | 18.5 | + 9 34 | 7.07 | *7.13* | A2 | 7 | .. | 37827i |
| 96 | 3383 | 18.5 | + 5 9 | 8.9 | *9.9* | Ko | 2 | .. | 37767i |
| 97 | 3427 | 18.5 | + 1 35 | 8.3 | *8.3* | Ao | 4 | .. | 37767i |
| 98 | 4546 | 18.5 | − 9 16 | 7.77 | *8.33* | Go | 6 | .. | 39416b |
| 99 | 4367 | 18.5 | −11 36 | 8.0 | *8.1* | A2 | 7 | .. | 40585b |
| 100 | 4604 | 18.5 | −13 7 | 9.5 | *9.6* | A2 | 3 | .. | 40585b |



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1922AnHar..97....1C



## 157500 — $17^h\,18^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | *4797* | 18.5 | −18 3 | 9.5 | *10.5* | Ko | 3 | .. | 39404b |
| 2 | 4514 | 18.5 | −18 45 | 8.8 | *8.9* | A2 | 7 | .. | 39404b |
| 3 | 11636 | 18.5 | −27 57 | 10.2 | 9.7 | Ao | 1 | .. | 17036b |
| 4 | 11675 | 18.5 | −34 6 | 11.8 | .. | Oa | .. | .. | 76,29 |
| 5 | 12120 | 18.5 | −42 10 | 11.6 | 9.6 | Ao | 1 | .. | 19751b |
| 6 | 11704 | 18.5 | −44 46 | 10.6 | 9.7 | Ao | 2 | .. | 17084b |
| 7 | 11532 | 18.5 | −47 13 | 11.6 | 10.5 | A | 1 | .. | 17084b |
| 8 | 11692 | 18.5 | −48 39 | 9.0 | 10.3 | K2 | 4 | .. | 17084b |
| 9 | 10875 | 18.5 | −51 42 | 9.5 | 9.2 | Ao | 3 | .. | 19961b |
| 10 | 8120 | 18.5 | −55 16 | *8.7* | 8.8 | A5 | 2 | .. | 39301b |
| 11 | 2916 | 18.5 | −68 29 | *8.7* | 9.1 | F5 | 3 | .. | 42525b |
| 12 | 1133 | 18.5 | −78 4 | *8.1* | 8.2 | A2 | 4 | .. | 43458b |
| 13 | 2976 | 18.6 | +30 37 | 8.7 | *8.7* | Ao | 2 | .. | 38499i |
| 14 | 12034 | 18.6 | −33 19 | 9.4 | 9.7 | A3 | 3 | .. | 40431b |
| 15 | 11677 | 18.6 | −34 21 | 6.90 | 7.5 | Ko | 7 | .. | 40731b |
| 16 | 11676 | 18.6 | −34 29 | 7.13 | 7.1 | Ao | 7 | .. | 40731b |
| 17 | 11441 | 18.6 | −39 38 | 10.4 | 10.1 | Ao | 1 | .. | 40426b |
| 18 | 11600 | 18.6 | −41 15 | 9.0 | 9.6 | K2 | 2 | .. | 19751b |
| 19 | 11599 | 18.6 | −41 54 | 8.0 | 7.7 | Ao | 9 | .. | 19751b |
| 20 | *11512* | 18.6 | −46 1 | 11.0 | 10.3 | Ko | 1 | .. | 17084b |
| 21 | 11534 | 18.6 | −47 18 | 11.0 | 9.8 | Ao | 3 | .. | 17084b |
| 22 | 11693 | 18.6 | −48 30 | 9.0 | 9.5 | Ko | 4 | .. | 17084b |
| 23 | 11275 | 18.6 | −50 3 | 9.14 | 8.7 | B8 | 3 | .. | 19961b |
| 24 | 5590 | 18.6 | −62 57 | 6.36 | 6.5 | B9 | .. | .. | 56,140 |
| 25 | 2699 | 18.7 | +44 1 | 9.3 | *10.3* | Ko | 2 | .. | 6040m |
| 26 | 3130 | 18.7 | +22 15 | 9.1 | *9.7* | Go | 2 | .. | 38780i |
| 27 | 4597 | 18.7 | −21 21 | 5.96 | 7.4 | Ko | .. | 0,9 | 28,212 |
| 28 | 11679 | 18.7 | −34 10 | 7.14 | 7.8 | A5 | 8 | .. | 40731b |
| 29 | 11851 | 18.7 | −38 43 | 9.0 | 9.8 | Ko | 2 | .. | 40426b |
| 30 | 11515 | 18.7 | −45 23 | 10.3 | 9.8 | Ao | 2 | .. | 17084b |
| 31 | 11503 | 18.7 | −46 18 | 9.2 | 9.5 | Ko | 3 | .. | 17084b |
| 32 | 11696 | 18.7 | −48 45 | 9.0 | 9.6 | G5 | 5 | .. | 17084b |
| 33 | 10877 | 18.7 | −51 13 | 10.6 | 9.6 | B9 | 3 | .. | 19961b |
| 34 | 10876 | 18.7 | −51 41 | 8.9 | 8.3 | B9 | 6 | .. | 19961b |
| 35 | 7134 | 18.7 | −58 48 | 9.2 | 10.0 | A5 | 1 | .. | 39301b |
| 36 | *6817* | 18.7 | −61 2 | *9.9* | 10.0 | A2 | 1 | .. | 39370b |
| 37 | 4105 | 18.7 | −63 44 | *8.2* | 8.2 | B9 | 5 | .. | 13775b |
| 38 | 3114 | 18.7 | −66 4 | *9.2* | 9.3 | A2 | 3 | .. | 39370b |
| 39 | 1540 | 18.8 | +62 43 | 8.3 | *8.4* | A2 | 3 | .. | 38536i |
| 40 | 2391 | 18.8 | +50 56 | 8.6 | *9.6* | Ko | 2 | .. | 38777i |
| 41 | *2720* | 18.8 | +42 58 | 10.0 | *10.6* | Go | 3 | .. | 6040m |
| 42 | *2924* | 18.8 | +37 59 | 8.3 | *9.4* | K2 | 1 | .. | 38779i |
| 43 | 3243 | 18.8 | +14 52 | 8.64 | *9.64* | Ko | 1 | .. | 37827i |
| 44 | 3275 | 18.8 | − 0 46 | 8.5 | *8.8* | F2 | 3 | .. | 41559b |
| 45 | 4348 | 18.8 | − 2 35 | 8.8 | *8.8* | Ao | 5 | .. | 39468b |
| 46 | 4516 | 18.8 | −18 22 | 6.29 | *6.29* | Ao | 7 | .. | 43318b |
| 47 | 4762 | 18.8 | −20 21 | 9.2 | 10.4 | Ko | 2 | .. | 38104b |
| 48 | 13371 | 18.8 | −23 51 | 8.7 | 8.9 | Ao | 4 | .. | 40627b |
| 49 | 13113 | 18.8 | −28 51 | 8.7 | 9.6 | K | 1 | R | 22826b |
| 50 | 13994 | 18.8 | −31 29 | 8.9 | 9.7 | Ao | 1 | .. | 40431b |
| 51 | 11485 | 18.8 | −36 48 | 8.1 | 9.4 | K2 | 3 | .. | 40426b |
| 52 | 12125 | 18.8 | −42 12 | 10.1 | 9.8 | Go | 1 | .. | 19751b |
| 53 | 11519 | 18.8 | −45 38 | 9.5 | 10.2 | K2 | 1 | .. | 17084b |
| 54 | 11517 | 18.8 | −45 55 | 11.0 | 10.0 | Ao | 1 | .. | 17084b |
| 55 | 11697 | 18.8 | −48 32 | 7.4 | 8.0 | F8 | 10 | .. | 17084b |
| 56 | 11438 | 18.8 | −49 49 | 7.8 | 7.7 | B9 | 7 | .. | 19961b |
| 57 | 11277 | 18.8 | −50 45 | 9.7 | 9.8 | B9 | 3 | .. | 19961b |
| 58 | 10878 | 18.8 | −51 21 | 11.6 | 10.1 | A | 1 | .. | 19961b |
| 59 | *8252* | 18.8 | −57 1 | 8.4 | 7.3 | Fo | 5 | .. | 39301b |
| 60 | 5591 | 18.8 | −62 52 | *7.9* | 7.9 | B9 | 9 | .. | 39370b |
| 61 | 4106 | 18.8 | −63 29 | *8.8* | 9.3 | F8 | 4 | .. | 39370b |
| 62 | 3327 | 18.8 | −67 20 | *9.3* | 9.3 | Ao | 2 | .. | 42525b |
| 63 | 2061 | 18.8 | −72 16 | *9.0* | 9.1 | A3 | 4 | .. | 21336b |
| 64 | 2882 | 18.9 | +33 31 | 8.1 | *9.3* | K5 | 2 | .. | 38779i |
| 65 | 2797 | 18.9 | +27 57 | 7.9 | *8.3* | F5 | 5 | .. | 37805i |
| 66 | 3405 | 18.9 | + 6 10 | 9.1 | *10.1* | Ko | 3 | .. | 14180b |
| 67 | 3413 | 18.9 | + 4 57 | 8.71 | *9.27* | Go | 3 | .. | 37767i |
| 68 | 4606 | 18.9 | −13 6 | 10.1 | *10.9* | G5 | 1 | .. | 40585b |
| 69 | 4344 | 18.9 | −22 43 | 10.8 | 10.7 | G5 | 1 | .. | 38104b |
| 70 | 13375 | 18.9 | −23 29 | 9.7 | 10.4 | A3 | 2 | .. | 38104b |
| 71 | 13373 | 18.9 | −23 45 | 10.0 | 10.1 | G5 | 2 | .. | 38104b |
| 72 | 12126 | 18.9 | −42 28 | 8.6 | 8.6 | B5 | 5 | .. | 19751b |
| 73 | 11716 | 18.9 | −44 28 | 9.5 | 8.8 | B8 | 5 | .. | 17084b |
| 74 | 11699 | 18.9 | −48 51 | 9.3 | 9.8 | A3 | 5 | .. | 17084b |
| 75 | 10880 | 18.9 | −51 44 | 9.5 | 9.9 | Ko | 2 | .. | 19961b |
| 76 | 5933 | 18.9 | −61 6 | *9.6* | 9.7 | A3 | 3 | .. | 39370b |
| 77 | 4107 | 18.9 | −63 43 | *8.7* | 8.7 | Ao | 2 | .. | 13775b |
| 78 | 1838 | 18.9 | −73 5 | *8.4* | 9.6 | K5 | 1 | .. | 21336b |
| 79 | 1804 | 19.0 | +59 17 | 8.8 | *8.9* | A2 | 5 | .. | 37802i |
| 80 | 2721 | 19.0 | +43 17 | 10.0 | *10.6* | Go | 3 | .. | 6040m |
| 81 | 3254 | 19.0 | +25 51 | 8.5 | *8.9* | F5 | 3 | .. | 37805i |
| 82 | 3232 | 19.0 | +17 0 | 7.59 | *7.59* | Ao | 6 | 2,5 | 38780i |
| 83 | 3397 | 19.0 | + 3 10 | 8.5 | *8.6* | A2 | 5 | .. | 14180b |
| 84 | 4438 | 19.0 | − 5 14 | 8.2 | *8.8* | Go | 4 | .. | 14191b |
| 85 | 4607 | 19.0 | −13 12 | 7.8 | *7.9* | A5 | 7 | .. | 40585b |
| 86 | 4502 | 19.0 | −16 28 | 9.3 | *10.1* | G5 | 3 | .. | 39404b |
| 87 | 4519 | 19.0 | −18 46 | 8.2 | *8.8* | Go | 7 | .. | 39404b |
| 88 | 13325 | 19.0 | −24 10 | 6.26 | 7.3 | Ko | 5 | .. | 43292b |
| 89 | 12121 | 19.0 | −26 3 | 8.7 | 9.7 | Go | 3 | .. | 22826b |
| 90 | 12043 | 19.0 | −33 24 | 9.0 | 9.2 | B9 | 4 | .. | 40431b |
| 91 | 11543 | 19.0 | −35 40 | 8.2 | 9.4 | K2 | 3 | .. | 40426b |
| 92 | 11855 | 19.0 | −38 14 | 8.7 | 8.6 | Ao | 6 | .. | 40426b |
| 93 | 11443 | 19.0 | −40 11 | 9.68 | 9.0 | Ao | 4 | .. | 40426b |
| 94 | 11440 | 19.0 | −40 40 | 7.6 | 8.9 | K2 | 5 | .. | 40426b |
| 95 | .. | 19.0 | −44 6 | Neb. | Neb. | Pc | .. | R | M |
| 96 | 11505 | 19.0 | −46 18 | 9.7 | 9.2 | A2 | 5 | .. | 17084b |
| 97 | 11540 | 19.0 | −47 50 | 9.1 | 9.7 | Ko | 3 | .. | 17084b |
| 98 | 11280 | 19.0 | −50 12 | 9.58 | 9.5 | B8 | 3 | .. | 19961b |
| 99 | 10881 | 19.0 | −51 52 | 6.46 | 7.1 | B8 | .. | .. | 56,140 |
| 100 | .. | 19.0 | −65 58 | .. | .. | Go | 1 | .. | 39370b |



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1922AnHar..97....1C



## 157600 — $17^h\,19^m.0$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. | H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | | | | m. | ° ′ | | | | | | |
| 1 | 3328 | 19.0 | −67 12 | *8.3* | 9.3 | Ko | 3 | .. | 42525b | 51 | 11544 | 19.3 | −47 9 | 11.6 | 10.3 | Ao | 1 | .. | 17084b |
| 2 | 654 | 19.1 | +77 27 | 7.92 | *8.70* | G5 | 2 | .. | 37240i | 52 | 11545 | 19.3 | −47 36 | 10.6 | 10.5 | Ao | 1 | .. | 17084b |
| 3 | 1344 | 19.1 | +63 22 | 8.8 | *9.9* | K2 | 1 | .. | 38536i | 53 | 10884 | 19.3 | −51 35 | 7.9 | 8.0 | F5 | 7 | .. | 19961b |
| 4 | 2297 | 19.1 | +46 16 | 9.3 | *9.9* | Go | 3 | .. | 6040m | 54 | 10653 | 19.3 | −52 31 | 8.6 | 10.3 | Ma | 2 | .. | 19961b |
| 5 | 2956 | 19.1 | +34 16 | 8.0 | *8.0* | Ao | 6 | .. | 38779i | 55 | 780 | 19.4 | +72 12 | 9.3 | *9.4* | A2 | 1 | .. | 38095i |
| 6 | 3362 | 19.1 | +13 30 | 7.42 | *8.60* | K5 | 3 | .. | 37827i | 56 | 2526 | 19.4 | +45 35 | 9.6 | *10.6* | Ko | 2 | .. | 6040m |
| 7 | 3403 | 19.1 | + 8 25 | 9.8 | *11.0* | K5 | 1 | .. | 18982b | 57 | 3415 | 19.4 | + 4 31 | 9.1 | *10.3* | K5 | 1 | .. | 14180b |
| 8 | 3384 | 19.1 | + 5 34 | 9.1 | *10.1* | K | 1 | .. | 37767i | 58 | 4436 | 19.4 | − 8 5 | 8.7 | *8.8* | A3 | 4 | .. | 39416b |
| 9 | 4503 | 19.1 | −16 4 | 8.8 | *9.1* | F2 | 3 | .. | 16852b | 59 | 4629 | 19.4 | −14 31 | 9.9 | *10.7* | G5 | 3 | .. | 40585b |
| 10 | 4765 | 19.1 | −20 17 | 10.3 | 10.1 | B9 | 2 | .. | 38104b | 60 | 11865 | 19.4 | −38 48 | 9.0 | 8.9 | Ao | 4 | .. | 40426b |
| 11 | 13510 | 19.1 | −29 35 | 6.74 | 7.3 | A2 | .. | 0,5 | **28**,212 | 61 | 11531 | 19.4 | −45 46 | 5.55 | 5.8 | B9 | .. | .. | **56**,140 |
| 12 | 11857 | 19.1 | −38 8 | 10.9 | 10.1 | Ao | 1 | .. | 40426b | 62 | 11283 | 19.4 | −50 33 | 6.06 | 7.2 | B9 | .. | .. | **56**,140 |
| 13 | 11692 | 19.1 | −43 12 | 9.7 | 9.7 | Ao | 3 | .. | 19751b | 63 | 708 | 19.5 | +74 14 | 8.2 | *9.2* | Ko | 1 | .. | 38095i |
| 14 | 11543 | 19.1 | −47 41 | 9.5 | 10.5 | K2 | 1 | .. | 17084b | 64 | *906* | 19.5 | +68 58 | 8.1 | *8.7* | Go | 4 | .. | 38095i |
| 15 | 1933 | 19.2 | +55 2 | 8.41 | *8.49* | A3 | 4 | .. | 37802i | 65 | 2527 | 19.5 | +45 33 | 9.8 | *10.6* | G5 | 2 | .. | 6040m |
| 16 | 3138 | 19.2 | +40 46 | 7.8 | *8.9* | K2 | 2 | .. | 38566i | 66 | 3246 | 19.5 | +14 30 | 8.9 | *9.0* | A3 | 2 | .. | 37827i |
| 17 | 3405 | 19.2 | + 8 56 | 5.92 | *6.99* | K2 | 7 | 2,8 | 37827i | 67 | 3383 | 19.5 | + 9 31 | 8.5 | *8.5* | Ao | 7 | .. | 18982b |
| 18 | 3404 | 19.2 | + 8 43 | 7.35 | *8.35* | Ko | 3 | .. | 37767i | 68 | 4799 | 19.5 | −17 20 | 10.5 | *11.5* | Ko | 1 | .. | 39404b |
| 19 | 3276 | 19.2 | − 0 30 | 9.1 | *9.1* | A | 3 | .. | 39408b | 69 | 4524 | 19.5 | −18 12 | 8.8 | *8.8* | Ao | 8 | .. | 39404b |
| 20 | 4598 | 19.2 | −21 48 | 8.6 | 9.2 | Fo | 3 | .. | 40627b | 70 | 4766 | 19.5 | −20 46 | 9.2 | 9.5 | B9 | 5 | .. | 38104b |
| 21 | 4345 | 19.2 | −22 47 | 9.3 | 9.8 | F8 | 2 | .. | 40627b | 71 | 12129 | 19.5 | −26 55 | 9.2 | 9.9 | G5 | 1 | .. | 22826b |
| 22 | 14174 | 19.2 | −30 39 | 9.2 | 9.1 | Ao | 4 | .. | 40431b | 72 | 14011 | 19.5 | −31 58 | 9.7 | 9.7 | Ao | 2 | .. | 40431b |
| 23 | 14173 | 19.2 | −30 56 | 9.7 | 9.4 | Ao | 2 | .. | 40431b | 73 | 12726 | 19.5 | −32 48 | 8.4 | 8.2 | B8 | 6 | .. | 40431b |
| 24 | 11725 | 19.2 | −44 33 | 7.74 | 8.0 | B8 | 8 | .. | 17084b | 74 | 11866 | 19.5 | −38 18 | 10.0 | 9.0 | B8 | 3 | R | 40426b |
| 25 | 11522 | 19.2 | −45 25 | 11.0 | 9.5 | F8 | 2 | .. | 17084b | 75 | *12130* | 19.5 | −43 1 | 8.4 | 9.3 | Ko | 4 | .. | 19751b |
| 26 | 11444 | 19.2 | −49 16 | 8.6 | 8.9 | F5 | 3 | .. | 37596b | 76 | 8619 | 19.5 | −53 9 | 6.7 | 7.9 | Ma | 6 | .. | 19961b |
| 27 | 11443 | 19.2 | −49 18 | 9.9 | 9.5 | A | 3 | .. | 19961b | 77 | 8312 | 19.5 | −54 24 | 9.0 | 8.5 | Ao | 4 | .. | 19961b |
| 28 | 10883 | 19.2 | −51 19 | 9.7 | 9.5 | F8 | 3 | .. | 19961b | 78 | 4110 | 19.5 | −63 21 | *7.4* | 7.4 | B9 | 6 | .. | 13775b |
| 29 | 10651 | 19.2 | −52 53 | 9.1 | 9.8 | G5 | 1 | .. | 19961b | 79 | 3449 | 19.5 | −65 53 | *8.5* | 9.3 | G5 | 3 | .. | 39370b |
| 30 | 8546 | 19.2 | −57 59 | 8.5 | 7.9 | A3 | 6 | R | 39301b | 80 | 2064 | 19.5 | −72 52 | *8.3* | 8.7 | F5 | 4 | .. | 20270b |
| 31 | 7015 | 19.2 | −59 37 | 9.1 | 10.0 | K2 | 2 | .. | 39301b | 81 | 1937 | 19.6 | +53 31 | 5.95 | *7.13* | K5 | 8 | 0,9 | 38777i |
| 32 | 4109 | 19.2 | −63 27 | *10.0* | 10.1 | A3 | 2 | .. | 39370b | 82 | 2298 | 19.6 | +46 23 | 9.3 | *9.9* | Go | 3 | .. | 6040m |
| 33 | *4108* | 19.2 | −64 0 | *9.1* | 9.9 | G5 | 2 | .. | 39370b | 83 | 3133 | 19.6 | +22 0 | 8.2 | *8.6* | F5 | 4 | .. | 38780i |
| 34 | 3638 | 19.2 | −64 51 | *8.9* | 9.9 | Ko | 3 | .. | 39370b | 84 | 3384 | 19.6 | + 9 52 | 8.92 | *9.34* | F5 | 4 | .. | 18982b |
| 35 | 1254 | 19.2 | −77 47 | *9.2* | 9.8 | Go | 1 | .. | 19008b | 85 | 3407 | 19.6 | + 8 6 | 9.3 | *10.4* | K2 | 1 | .. | 18982b |
| 36 | 905 | 19.3 | +69 2 | 9.0 | *9.6* | Go | 1 | .. | 38095i | 86 | 3408 | 19.6 | + 6 37 | 7.83 | *8.61* | G5 | 4 | .. | 37767i |
| 37 | 3363 | 19.3 | +13 11 | 7.9 | *8.7* | G5 | 3 | .. | 37827i | 87 | 4549 | 19.6 | − 9 7 | 8.0 | *8.8* | G5 | 4 | .. | 39416b |
| 38 | *4622* | 19.3 | −20 1 | 8.98 | 9.6 | Ko | 2 | .. | 38104b | 88 | 4624 | 19.6 | −19 39 | 8.2 | 8.6 | Fo | 7 | .. | 38104b |
| 39 | 13517 | 19.3 | −29 28 | 9.3 | 9.1 | F5 | 3 | .. | 22826b | 89 | 4767 | 19.6 | −20 14 | 9.5 | 9.5 | A2 | 3 | .. | 38104b |
| 40 | 12722 | 19.3 | −32 11 | 9.4 | 10.0 | Ao | 1 | .. | 40431b | 90 | 4601 | 19.6 | −21 5 | 9.5 | 10.4 | K2 | 1 | .. | 38104b |
| 41 | 12721 | 19.3 | −32 23 | 9.4 | 9.7 | A5 | 2 | .. | 40431b | 91 | 4602 | 19.6 | −21 33 | 8.8 | 9.0 | Go | 7 | .. | 38104b |
| 42 | 11683 | 19.3 | −34 47 | 8.7 | 9.2 | F8 | 3 | .. | 40731b | 92 | 13126 | 19.6 | −28 34 | 9.0 | 9.6 | G5 | 3 | .. | 17036b |
| 43 | 11570 | 19.3 | −37 14 | 10.0 | 9.7 | Ao | 2 | .. | 16748b | 93 | 11685 | 19.6 | −34 29 | 9.3 | 9.2 | B8 | 3 | .. | 40731b |
| 44 | 11569 | 19.3 | −37 32 | 8.7 | 8.0 | B9 | 5 | .. | 40426b | 94 | 11456 | 19.6 | −39 41 | 8.7 | 8.9 | B8 | 5 | .. | 40426b |
| 45 | 11860 | 19.3 | −38 30 | 9.0 | 8.7 | B9 | 4 | .. | 40426b | 95 | 11447 | 19.6 | −40 8 | 9.84 | 11.39 | Mb | .. | .. | M |
| 46 | *11615* | 19.3 | −42 1 | 10.0 | 9.3 | B8 | 2 | .. | 19751b | 96 | 12134 | 19.6 | −42 9 | 8.6 | 8.6 | B8 | 5 | .. | 19751b |
| 47 | 11526 | 19.3 | −45 32 | 9.9 | 9.5 | Ao | 3 | .. | 17084b | 97 | 11731 | 19.6 | −44 37 | 11.0 | 9.7 | B8 | 2 | .. | 17084b |
| 48 | 11524 | 19.3 | −45 40 | 9.7 | 9.5 | Ao | 3 | .. | 17084b | 98 | 11549 | 19.6 | −47 3 | 7.04 | 7.1 | B3 | .. | 5,9 | **56**,140 |
| 49 | 11527 | 19.3 | −45 44 | 7.2 | 7.0 | Ao | 9 | .. | 17084b | 99 | 8314 | 19.6 | −54 28 | 8.1 | 8.5 | Ko | 4 | .. | 19961b |
| 50 | *11507* | 19.3 | −47 0 | 10.3 | 10.0 | Ao | 2 | .. | 17084b | 100 | 1839 | 19.6 | −73 29 | *8.7* | 10.1 | Ma | 1 | .. | 21336b |



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1922AnHar..97....1C



## 157700 — 17h 19m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 1196 | 19.7 | +64 49 | 8.45 | *9.52* | K2 | 1 | .. | 38536i |
| 2 | 3363 | 19.7 | +18 56 | 7.48 | *7.48* | Ao | 6 | .. | 38455i |
| 3 | 3385 | 19.7 | + 9 6 | 9.5 | *9.9* | F5 | 1 | .. | 18982b |
| 4 | 4744 | 19.7 | −12 30 | 9.9 | *10.0* | A2 | 2 | .. | 40585b |
| 5 | 4506 | 19.7 | −16 35 | 9.3 | *9.8* | F8 | 4 | .. | 39404b |
| 6 | 4603 | 19.7 | −21 33 | 10.8 | 10.6 | B9 | 1 | .. | 38104b |
| 7 | *11494* | 19.7 | −37 2 | 7.48 | 9.1 | K5 | 4 | .. | 40426b |
| 8 | 11874 | 19.7 | −38 15 | 7.54 | 8.6 | Ko | 5 | .. | 40426b |
| 9 | 11875 | 19.7 | −38 35 | 10.0 | 9.5 | B8 | 2 | .. | 40426b |
| 10 | 11452 | 19.7 | −40 23 | 9.0 | 9.8 | K2 | 1 | .. | 40426b |
| 11 | 11513 | 19.7 | −46 31 | 9.2 | 8.8 | B9 | 7 | .. | 17084b |
| 12 | 11514 | 19.7 | −46 55 | 10.3 | 9.8 | B8 | 2 | .. | 17084b |
| 13 | 11550 | 19.7 | −47 15 | 9.3 | 8.9 | A2 | 6 | .. | 17084b |
| 14 | 10658 | 19.7 | −52 29 | 8.5 | 9.2 | A5 | 5 | .. | 19961b |
| 15 | 6829 | 19.7 | −60 20 | 7.7 | 10.0 | K5 | 2 | .. | 39370b |
| 16 | 2722 | 19.8 | +43 0 | 9.8 | *10.6* | G5 | 3 | .. | 6040m |
| 17 | 3387 | 19.8 | + 5 17 | 8.7 | *9.7* | Ko | 2 | .. | 37767i |
| 18 | 4508 | 19.8 | −16 22 | 9.5 | *9.6* | A3 | 4 | .. | 39404b |
| 19 | 13132 | 19.8 | −28 27 | 7.4 | 8.4 | G5 | 7 | .. | 17036b |
| 20 | 11876 | 19.8 | −38 5 | 8.7 | 9.0 | F5 | 5 | .. | 40426b |
| 21 | 11455 | 19.8 | −40 8 | 9.38 | 9.0 | Ao | 3 | .. | 40426b |
| 22 | 11516 | 19.8 | −46 38 | 8.9 | 9.7 | Ma | 2 | R | 17084b |
| 23 | 11555 | 19.8 | −47 52 | 9.1 | 9.4 | G5 | 6 | .. | 17084b |
| 24 | 1631 | 19.8 | −74 41 | *9.2* | 9.6 | F5 | 3 | .. | 21336b |
| 25 | 1255 | 19.8 | −77 46 | *8.8* | 9.2 | F5 | 6 | .. | 19008b |
| 26 | 269 | 19.8 | −87 15 | *9.9* | 10.2 | Fo | 2 | .. | 22980b |
| 27 | 2465 | 19.9 | +47 0 | 9.1 | *9.9* | G5 | 4 | .. | 6040m |
| 28 | 3100 | 19.9 | +23 3 | 5.70 | *5.78* | A3 | 9 | 0,9 | 37801i |
| 29 | 3408 | 19.9 | + 8 0 | 9.1 | *9.7* | Go | 1 | .. | 18982b |
| 30 | 4745 | 19.9 | −12 16 | 9.5 | *10.0* | F8 | 1 | .. | 40585b |
| 31 | 4801 | 19.9 | −17 41 | 9.9 | *11.1* | K5 | 1 | .. | 39404b |
| 32 | 4626 | 19.9 | −19 10 | 9.9 | 9.8 | Ao | 4 | .. | 39404b |
| 33 | 4627 | 19.9 | −19 13 | 8.9 | 9.2 | Go | 5 | .. | 39404b |
| 34 | 4768 | 19.9 | −20 41 | 9.2 | 8.7 | B9 | 6 | .. | 38104b |
| 35 | 13335 | 19.9 | −24 30 | 10.2 | 11.0 | K5 | 1 | .. | 38104b |
| 36 | 11652 | 19.9 | −27 31 | 7.42 | 7.7 | B9 | 8 | .. | 17036b |
| 37 | 11518 | 19.9 | −46 52 | 9.5 | 9.4 | G5 | 4 | .. | 17084b |
| 38 | 8557 | 19.9 | −57 5 | *9.0* | 9.1 | A2 | 2 | .. | 39301b |
| 39 | 2153 | 19.9 | −71 8 | *8.9* | 9.0 | A2 | 4 | .. | 21336b |
| 40 | 3174 | 20.0 | +16 25 | 5.69 | *5.75* | A2 | 10 | .. | 38455i |
| 41 | 3179 | 20.0 | +15 43 | 6.25 | *6.23* | B9 | 8 | .. | 38455i |
| 42 | 3386 | 20.0 | + 9 37 | 8.5 | *8.9* | F5 | 5 | .. | 18982b |
| 43 | 3684 | 20.0 | + 0 17 | 9.1 | *9.9* | G5 | 3 | .. | 14180b |
| 44 | 4437 | 20.0 | − 8 45 | 7.02 | *7.08* | A2 | 7 | .. | 39416b |
| 45 | 4547 | 20.0 | −15 11 | 8.90 | *9.90* | Ko | 2 | .. | 40585b |
| 46 | 4604 | 20.0 | −21 20 | 9.3 | 9.6 | B8 | 3 | .. | 38104b |
| 47 | 13378 | 20.0 | −23 6 | 7.4 | 8.3 | F5 | 5 | .. | 40627b |
| 48 | 13379 | 20.0 | −23 48 | 8.9 | 9.3 | A5 | 4 | .. | 38104b |
| 49 | 13136 | 20.0 | −28 20 | 7.31 | 7.9 | F5 | 8 | .. | 17036b |
| 50 | 12737 | 20.0 | −32 53 | 8.4 | 8.8 | G5 | 6 | .. | 40431b |
| 51 | *12069* | 20.0 | −34 0 | 7.5 | 7.6 | B9 | 7 | .. | 40731b |
| 52 | 11558 | 20.0 | −47 45 | 11.6 | 10.5 | Ao | 1 | .. | 17084b |
| 53 | 10662 | 20.0 | −52 13 | 5.77 | 7.5 | Ko | .. | 0,10 | **56**,140 |
| 54 | 8269 | 20.0 | −56 29 | *8.8* | 8.8 | Ao | 2 | .. | 39301b |
| 55 | 7138 | 20.0 | −58 2 | 9.1 | 9.7 | A2 | 2 | .. | 39301b |
| 56 | 463 | 20.0 | −85 47 | *8.9* | 9.9 | Ko | 5 | 5,5 | 43458b |
| 57 | *3002* | 20.1 | +28 59 | 9.3 | *9.3* | A | 2 | .. | 37805i |
| 58 | 3361 | 20.1 | + 7 32 | 9.1 | *9.2* | A5 | 3 | .. | 18982b |
| 59 | 3403 | 20.1 | + 3 54 | 9.3 | *10.4* | K2 | 2 | .. | 14180b |
| 60 | 4803 | 20.1 | −17 47 | 10.3 | *10.9* | Go | 2 | .. | 39404b |
| 61 | 4629 | 20.1 | −19 55 | 10.1 | 9.8 | Go | 3 | .. | 39404b |
| 62 | 14027 | 20.1 | −31 32 | 9.5 | 8.9 | Ao | 5 | .. | 40731b |
| 63 | 12071 | 20.1 | −33 44 | 9.6 | 10.2 | F2 | 1 | .. | 40731b |
| 64 | 11457 | 20.1 | −40 3 | 9.14 | 8.6 | Ao | 4 | .. | 40426b |
| 65 | 11547 | 20.1 | −45 35 | 10.3 | 9.4 | Ao | 2 | .. | 17084b |
| 66 | 11720 | 20.1 | −48 5 | 8.6 | 10.3 | K5 | 3 | .. | 17084b |
| 67 | 11721 | 20.1 | −48 39 | 9.2 | 9.8 | K2 | 2 | .. | 19961b |
| 68 | .. | 20.1 | −49 49 | var. | var. | Md | .. | R | M |
| 69 | 6832 | 20.1 | −60 9 | *9.7* | 9.7 | Ao | 3 | .. | 39370b |
| 70 | 6833 | 20.1 | −60 34 | 8.3 | 8.2 | B9 | 6 | .. | 13775b |
| 71 | 5936 | 20.1 | −61 13 | 8.5 | 10.2 | K5 | 2 | .. | 39370b |
| 72 | 3116 | 20.1 | −66 48 | *7.0* | 7.0 | B9 | 9 | .. | 42525b |
| 73 | 3331 | 20.1 | −67 29 | *8.4* | 8.7 | F2 | 5 | .. | 42525b |
| 74 | 925 | 20.2 | +70 53 | 7.00 | *7.00* | Ao | 7 | .. | 38095i |
| 75 | 2468 | 20.2 | +47 16 | 8.04 | *8.18* | A5 | 2 | .. | 38566i |
| 76 | 2300 | 20.2 | +46 47 | 9.0 | *10.0* | Ko | 3 | .. | 6040m |
| 77 | 2529 | 20.2 | +45 41 | 10.3 | *10.7* | F5 | 1 | .. | 6040m |
| 78 | 2878 | 20.2 | +37 14 | 5.47 | *5.47* | Ao | .. | R | 2000c |
| 79 | | 20.2 | +37 14 | 4.52 | *4.52* | | | | |
| 80 | 3362 | 20.2 | + 7 21 | 9.1 | *9.2* | A2 | 2 | .. | 18982b |
| 81 | 14029 | 20.2 | −31 56 | 7.45 | 7.3 | Ao | 7 | .. | 40731b |
| 82 | 11470 | 20.2 | −39 35 | 8.7 | 10.1 | K5 | 1 | .. | 40426b |
| 83 | 11461 | 20.2 | −40 24 | 9.4 | 8.9 | B8 | 3 | .. | 40426b |
| 84 | 11555 | 20.2 | −45 28 | 9.0 | 9.4 | Go | 3 | .. | 17084b |
| 85 | 11563 | 20.2 | −47 42 | 9.7 | 10.2 | Ko | 1 | .. | 17084b |
| 86 | 8623 | 20.2 | −53 57 | 6.9 | 7.3 | A2 | 10 | .. | 19961b |
| 87 | 1977 | 20.3 | +56 42 | 8.6 | *8.7* | A2 | 4 | .. | 37802i |
| 88 | 2723 | 20.3 | +43 31 | 10.3 | *10.9* | Go | 1 | .. | 6040m |
| 89 | 3365 | 20.3 | +13 25 | 8.0 | *8.5* | F8 | 3 | .. | 37827i |
| 90 | 3387 | 20.3 | + 9 7 | 8.7 | *9.3* | Go | 3 | .. | 18982b |
| 91 | 4509 | 20.3 | −16 23 | 10.5 | *11.3* | G5 | 1 | .. | 39404b |
| 92 | 13337 | 20.3 | −24 5 | 4.28 | *4.56* | Fo | .. | R | **28**,212 |
| 93 | 12739 | 20.3 | −32 29 | 8.4 | 8.6 | B9 | 4 | .. | 40731b |
| 94 | 11473 | 20.3 | −39 24 | 8.7 | 9.5 | Fo | 3 | .. | 40426b |
| 95 | 11711 | 20.3 | −43 28 | 7.4 | 7.4 | F2 | 9 | .. | 19751b |
| 96 | .. | 20.3 | −46 50 | Neb. | Neb. | Pd | .. | R | M |
| 97 | 11526 | 20.3 | −46 52 | 9.3 | 10.3 | K5 | 1 | .. | 17084b |
| 98 | 11527 | 20.3 | −46 52 | 8.3 | 9.5 | G5 | 7 | .. | 17084b |
| 99 | 8624 | 20.3 | −53 25 | 7.4 | 8.5 | K5 | 5 | . | 19961b |
| 100 | 8561 | 20.3 | −57 33 | 8.7 | 8.8 | Ko | 3 | .. | 39301b |



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## 157800 — $17^h\ 20^m.3$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | *m.* | ° ′ | | | | | | |
| 1 | 7141 | 20.3 | −58 57 | 7.1 | 8.8 | Mb | 6 | .. | 39301b |
| 2 | 5937 | 20.3 | −61 41 | 7.0 | 7.1 | Fo | 9 | .. | 13775b |
| 3 | 2066 | 20.3 | −72 36 | *8.6* | 9.1 | F8 | 3 | .. | 21336b |
| 4 | 1176 | 20.4 | +65 45 | 7.62 | *7.96* | F2 | 5 | .. | 38536i |
| 5 | *2700* | 20.4 | +43 59 | 9.5 | *10.3* | G5 | 4 | .. | 6040m |
| 6 | 2724 | 20.4 | +43 4 | 9.0 | *10.1* | K2 | 4 | .. | 6040m |
| 7 | 2866 | 20.4 | +36 32 | 8.5 | *8.6* | A2 | 2 | .. | 38779i |
| 8 | 3411 | 20.4 | + 6 31 | 8.1 | *9.1* | Ko | 4 | .. | 37767i |
| 9 | 3412 | 20.4 | + 6 10 | 9.1 | *10.3* | K5 | 2 | .. | 18982b |
| 10 | 3309 | 20.4 | + 2 40 | 8.6 | *9.4* | G5 | 2 | .. | 37767i |
| 11 | *4512* | 20.4 | −17 0 | 8.4 | *9.0* | Go | 8 | .. | 39404b |
| 12 | 11885 | 20.4 | −38 23 | 9.3 | 9.2 | A2 | 3 | .. | 40426b |
| 13 | 11888 | 20.4 | −38 48 | 10.0 | 9.8 | A2 | 2 | .. | 40426b |
| 14 | .. | 20.4 | −43 16 | .. | .. | Mb | .. | .. | M |
| 15 | 11743 | 20.4 | −44 44 | 9.36 | 9.7 | G5 | 2 | .. | 17084b |
| 16 | 11566 | 20.4 | −47 8 | 10.6 | 10.0 | A2 | 3 | .. | 17084b |
| 17 | 10664 | 20.4 | −52 33 | 8.0 | 8.0 | B9 | 7 | .. | 19961b |
| 18 | 8627 | 20.4 | −53 41 | *9.0* | 9.1 | A3 | 3 | .. | 19961b |
| 19 | 8144 | 20.4 | −55 6 | 6.00 | 7.1 | Ko | .. | .. | **28**,212 |
| 20 | 2701 | 20.5 | +44 43 | 10.0 | *10.1* | A5 | 2 | .. | 6040m |
| 21 | 2725 | 20.5 | +43 0 | 8.8 | *9.2* | F5 | 7 | 3,2 | 6040m |
| 22 | 3236 | 20.5 | +17 2 | 7.6 | *8.7* | K2 | 2 | .. | 38780i |
| 23 | 3388 | 20.5 | + 9 0 | 6.86 | *8.04* | K5 | 2 | .. | 37827i |
| 24 | 3404 | 20.5 | + 3 24 | 7.36 | *7.42* | A2 | 6 | .. | 37767i |
| 25 | 4097 | 20.5 | − 3 18 | 8.8 | *9.4* | Go | 3 | .. | 39468b |
| 26 | 4438 | 20.5 | − 8 35 | 7.83 | *8.83* | Ko | 4 | .. | 39416b |
| 27 | 4513 | 20.5 | −16 27 | 10.5 | *10.6* | A3 | 1 | .. | 39404b |
| 28 | 4632 | 20.5 | −19 26 | 9.0 | 9.5 | Ao | 5 | .. | 39404b |
| 29 | *13547* | 20.5 | −30 0 | 8.94 | 8.9 | A | 3 | R | 40731b |
| 30 | 11584 | 20.5 | −37 58 | 7.8 | 8.2 | G5 | 6 | .. | 40426b |
| 31 | 11891 | 20.5 | −38 33 | 10.4 | 10.5 | Mb | .. | .. | M |
| 32 | 11530 | 20.5 | −46 57 | 7.3 | 7.4 | B2p | .. | R | **56**,140 |
| 33 | 11569 | 20.5 | −47 17 | 8.0 | 7.8 | A2 | 8 | .. | 17084b |
| 34 | 11459 | 20.5 | −49 46 | 10.3 | 9.9 | Ao | 1 | .. | 19961b |
| 35 | 8628 | 20.5 | −53 58 | 8.8 | 9.4 | K5 | 2 | .. | 19961b |
| 36 | 8323 | 20.5 | −54 31 | 9.0 | 8.8 | Fo | 4 | .. | 19961b |
| 37 | 5603 | 20.5 | −62 40 | *9.3* | 9.8 | F8 | 1 | .. | 39370b |
| 38 | 3139 | 20.6 | +40 42 | 8.1 | *9.3* | K5 | 1 | .. | 38566i |
| 39 | 3017 | 20.6 | +31 15 | 9.1 | *9.9* | G5 | 1 | .. | 38499i |
| 40 | 3389 | 20.6 | + 9 37 | 9.1 | *9.9* | G5 | 1 | .. | 18982b |
| 41 | 4592 | 20.6 | − 6 30 | 6.85 | *6.83* | B9 | 9 | .. | 39416b |
| 42 | 4639 | 20.6 | −14 37 | 8.8 | *9.6* | G5 | 4 | .. | 40585b |
| 43 | 4514 | 20.6 | −16 5 | 9.5 | *9.8* | F2 | 4 | .. | 39404b |
| 44 | 11514 | 20.6 | −36 36 | 10.2 | 9.7 | F8 | 3 | .. | 16748b |
| 45 | 11480 | 20.6 | −39 37 | 8.4 | 9.5 | Ko | 2 | .. | 40426b |
| 46 | 11645 | 20.6 | −41 13 | 8.0 | 8.0 | B5 | 7 | .. | 19751b |
| 47 | 11557 | 20.6 | −45 40 | 9.7 | 8.8 | B9 | 4 | .. | 17084b |
| 48 | 8146 | 20.6 | −55 46 | *8.7* | 8.8 | A2 | 3 | .. | 39301b |
| 49 | 5939 | 20.6 | −61 4 | *9.4* | 9.5 | A2 | 2 | .. | 39370b |
| 50 | 1656 | 20.7 | +61 49 | 9.2 | *9.6* | F5 | 3 | .. | 38536i |
| 51 | 2301 | 20.7 | +46 36 | 9.3 | *9.9* | Go | 3 | .. | 6040m |
| 52 | 2726 | 20.7 | +43 5 | 9.5 | *10.5* | Ko | 3 | .. | 6040m |
| 53 | 2928 | 20.7 | +38 41 | 6.42 | *6.92* | F8 | 9 | .. | 38779i |
| 54 | 3391 | 20.7 | + 9 32 | 8.7 | *8.7* | Ao | 2 | .. | 37827i |
| 55 | 3432 | 20.7 | + 1 22 | 9.5 | *10.7* | K5 | 1 | .. | 14180b |
| 56 | 3329 | 20.7 | − 1 32 | 6.31 | *6.73* | F5 | 9 | .. | 41559b |
| 57 | 4493 | 20.7 | −10 55 | 7.43 | *7.19* | B | 8 | R | 21435b |
| 58 | 4807 | 20.7 | −17 17 | 9.3 | *9.9* | Go | 5 | .. | 39404b |
| 59 | 4806 | 20.7 | −17 30 | 9.9 | *10.0* | A2 | 3 | .. | 39404b |
| 60 | *4805* | 20.7 | −18 0 | 10.8 | *10.8* | B9 | 2 | .. | 39404b |
| 61 | 4608 | 20.7 | −21 20 | 8.86 | 9.8 | G | 2 | .. | 38104b |
| 62 | 4607 | 20.7 | −21 23 | 7.63 | 8.7 | G5 | 7 | .. | 38104b |
| 63 | 13344 | 20.7 | −24 17 | 9.5 | 9.3 | Go | 5 | .. | 38104b |
| 64 | 12160 | 20.7 | −25 52 | 6.32 | 5.9 | Ao | 8 | .. | 43292b |
| 65 | 12141 | 20.7 | −26 15 | 7.37 | 7.9 | B9 | 3 | .. | 43292b |
| 66 | 13156 | 20.7 | −28 42 | 9.7 | 9.3 | Ao | 1 | .. | 22826b |
| 67 | 11518 | 20.7 | −36 14 | 10.0 | 9.4 | Ao | 2 | .. | 16748b |
| 68 | 11516 | 20.7 | −36 20 | 9.6 | 9.4 | F8 | 2 | .. | 16748b |
| 69 | 11896 | 20.7 | −38 19 | 10.0 | 9.5 | Ao | 3 | .. | 40426b |
| 70 | 11748 | 20.7 | −44 39 | 8.72 | 8.6 | Ao | 6 | .. | 17084b |
| 71 | 11533 | 20.7 | −46 20 | 10.3 | 10.2 | F2 | 2 | .. | 17084b |
| 72 | 8275 | 20.7 | −56 12 | 9.0 | 9.4 | G5 | 2 | .. | 39301b |
| 73 | 8570 | 20.7 | −57 20 | 7.3 | 8.2 | Ko | 5 | .. | 39301b |
| 74 | 7031 | 20.7 | −59 43 | 8.7 | 9.2 | A2 | 4 | .. | 39370b |
| 75 | 4112 | 20.7 | −63 46 | *8.6* | 9.6 | Ko | 4 | .. | 39370b |
| 76 | 2385 | 20.7 | −70 33 | *9.5* | 9.6 | A2 | 2 | .. | 21336b |
| 77 | 1198 | 20.8 | +64 41 | 8.8 | *9.6* | G5 | 1 | .. | 38536i |
| 78 | 2302 | 20.8 | +46 4 | 9.5 | *10.7* | K5 | 2 | .. | 6040m |
| 79 | 2881 | 20.8 | +37 1 | 7.9 | *8.9* | Ko | 4 | .. | 38779i |
| 80 | 3419 | 20.8 | + 4 44 | 8.60 | *8.66* | A2 | 3 | .. | 37767i |
| 81 | 3312 | 20.8 | + 2 14 | 7.9 | *9.1* | K5 | 3 | R | 37767i |
| 82 | 4444 | 20.8 | − 5 20 | 9.3 | *10.1* | G5 | 2 | .. | 39399b |
| 83 | 12162 | 20.8 | −25 11 | 10.05 | 9.7 | Go | 3 | .. | 38104b |
| 84 | 12748 | 20.8 | −32 26 | 8.0 | 8.5 | F5 | 5 | .. | 40731b |
| 85 | 11585 | 20.8 | −37 28 | 10.0 | 9.4 | Ao | 3 | .. | 16748b |
| 86 | 11587 | 20.8 | −37 30 | 10.0 | 10.0 | Ao | 1 | .. | 16748b |
| 87 | 12149 | 20.8 | −42 19 | 7.9 | 8.6 | G5 | 5 | .. | 19751b |
| 88 | 11566 | 20.8 | −45 25 | 9.3 | 9.9 | Ko | 3 | .. | 17084b |
| 89 | 11564 | 20.8 | −45 38 | 9.7 | 8.8 | B9 | 5 | .. | 17084b |
| 90 | 5941 | 20.8 | −61 42 | 8.6 | 9.4 | Ko | 3 | R | 39370b |
| 91 | 910 | 20.9 | +69 51 | 7.14 | *8.21* | K2 | 6 | .. | 38095i |
| 92 | 1013 | 20.9 | +66 39 | 7.03 | *8.10* | K2 | 7 | .. | 38536i |
| 93 | 2206 | 20.9 | +51 38 | 8.6 | *9.4* | G5 | 2 | .. | 38777i |
| 94 | 2702 | 20.9 | +44 15 | 10.3 | *11.3* | Ko | 1 | .. | 6040m |
| 95 | 3182 | 20.9 | +15 39 | 7.9 | *9.1* | K5 | 2 | .. | 37827i |
| 96 | 3365 | 20.9 | + 7 35 | 7.9 | *8.5* | Go | 4 | .. | 37767i |
| 97 | 4808 | 20.9 | −17 48 | 10.1 | *10.1* | Ao | 3 | .. | 39404b |
| 98 | 4635 | 20.9 | −19 55 | 9.18 | 9.8 | A5 | 3 | .. | 39404b |
| 99 | 4770 | 20.9 | −20 40 | 9.3 | 10.6 | K5 | 2 | .. | 38104b |
| 100 | 4609 | 20.9 | −21 6 | 10.1 | 10.9 | Ko | 1 | .. | 38104b |



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## 157900 — $17^h\,20^m.9$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12751 | 20.9 | −32 16 | 10.0 | 9.5 | B9 | 2 | .. | 40731b |
| 2 | 11589 | 20.9 | −37 6 | 6.70 | 7.6 | Ko | 7 | .. | 40426b |
| 3 | 11901 | 20.9 | −38 16 | 9.4 | 9.3 | A2 | 2 | .. | 40426b |
| 4 | 8635 | 20.9 | −53 3 | 9.1 | 9.4 | Ko | 2 | .. | 19961b |
| 5 | 8571 | 20.9 | −57 18 | *9.3* | 9.4 | A2 | 2 | .. | 39301b |
| 6 | 2469 | 21.0 | +47 21 | 7.80 | *8.30* | F8 | 3 | .. | 38566i |
| 7 | 2470 | 21.0 | +47 7 | 7.9 | *8.9* | Ko | 5 | 2,1 | 6040m |
| 8 | 3122 | 21.0 | +39 42 | 8.8 | *8.9* | A2 | 1 | .. | 38779i |
| 9 | 3123 | 21.0 | +39 4 | 8.6 | *9.6* | Ko | 1 | .. | 38779i |
| 10 | 2882 | 21.0 | +37 2 | 6.48 | *7.26* | G5 | 8 | .. | 38779i |
| 11 | 2911 | 21.0 | +32 45 | 6.86 | *7.86* | Ko | 6 | .. | 38779i |
| 12 | 3135 | 21.0 | +22 14 | 8.8 | *9.9* | K2 | 1 | .. | 38780i |
| 13 | 3406 | 21.0 | + 3 48 | 8.5 | *9.5* | Ko | 2 | .. | 37767i |
| 14 | 4614 | 21.0 | −13 19 | 8.8 | *9.4* | Go | 4 | .. | 40585b |
| 15 | 4551 | 21.0 | −15 38 | 8.6 | *8.7* | A5 | 6 | .. | 39404b |
| 16 | 13347 | 21.0 | −24 22 | 10.7 | 10.8 | G5 | 1 | .. | 38104b |
| 17 | 13162 | 21.0 | −28 9 | 9.5 | 9.9 | A | 1 | .. | 22826b |
| 18 | 13161 | 21.0 | −28 42 | 7.60 | 7.5 | Ao | 7 | .. | 22826b |
| 19 | 13557 | 21.0 | −29 47 | 4.37 | *4.79* | F5 | .. | 3,8R | **28**,212 |
| 20 | 12080 | 21.0 | −33 19 | 10.0 | 10.2 | Ao | 1 | .. | 40731b |
| 21 | 11725 | 21.0 | −43 36 | 9.7 | 9.6 | Ao | 4 | .. | 19751b |
| 22 | 11302 | 21.0 | −50 17 | 10.1 | 9.2 | Ao | 3 | .. | 19961b |
| 23 | 10668 | 21.0 | −52 13 | *9.4* | 9.5 | A2 | 4 | .. | 19961b |
| 24 | 2304 | 21.1 | +46 52 | 9.8 | *10.6* | G5 | 3 | .. | 6040m |
| 25 | 3136 | 21.1 | +22 31 | 8.3 | *8.6* | F2 | 5 | .. | 38780i |
| 26 | 3409 | 21.1 | + 8 36 | 8.6 | *8.9* | F2 | 5 | .. | 18982b |
| 27 | *4644* | 21.1 | −15 3 | 8.16 | *8.14* | B9 | 7 | .. | 40585b |
| 28 | 11526 | 21.1 | −36 26 | 7.5 | 8.9 | Ko | 5 | .. | 40426b |
| 29 | 11728 | 21.1 | −43 32 | 9.1 | 10.2 | K5 | 1 | .. | 19751b |
| 30 | 11573 | 21.1 | −45 38 | 9.5 | 10.5 | K2 | 1 | .. | 17084b |
| 31 | 11539 | 21.1 | −46 47 | 9.1 | 9.1 | G5 | 5 | .. | 17084b |
| 32 | 2303 | 21.2 | +46 48 | 8.9 | *9.9* | K | 4 | .. | 6040m |
| 33 | 3016 | 21.2 | +26 36 | 8.7 | *9.0* | Fo | 2 | .. | 37805i |
| 34 | 3475 | 21.2 | +20 25 | 8.3 | *8.3* | Ao | 2 | .. | 38455i |
| 35 | 3183 | 21.2 | +16 29 | 6.69 | *7.03* | F2 | 7 | .. | 38455i |
| 36 | 3314 | 21.2 | + 2 10 | 8.5 | *9.3* | G5 | 1 | .. | 37767i |
| 37 | 4528 | 21.2 | −18 55 | 9.3 | *9.3* | B8 | 4 | .. | 39404b |
| 38 | 12755 | 21.2 | −32 32 | 10.2 | 9.7 | Ao | 2 | .. | 40731b |
| 39 | 11594 | 21.2 | −37 59 | 8.4 | 8.8 | F8 | 5 | .. | 40426b |
| 40 | 11904 | 21.2 | −38 41 | 8.7 | 8.6 | B8 | 4 | .. | 40426b |
| 41 | 11480 | 21.2 | −40 45 | 9.4 | 9.2 | Ao | 3 | .. | 40426b |
| 42 | 11759 | 21.2 | −44 34 | 10.1 | 9.6 | B5 | 3 | .. | 17084b |
| 43 | 11576 | 21.2 | −45 13 | 9.5 | 9.3 | Ao | 5 | .. | 17084b |
| 44 | 11738 | 21.2 | −48 55 | 8.9 | 8.6 | Ao | 4 | .. | 19961b |
| 45 | 268 | 21.2 | −87 55 | *9.5* | 10.3 | G5 | 3 | .. | 22980b |
| 46 | 3125 | 21.3 | +39 17 | 8.1 | *9.3* | K5 | 3 | .. | 38779i |
| 47 | 3124 | 21.3 | +39 16 | 8.7 | *9.3* | G | 2 | .. | 38779i |
| 48 | 2932 | 21.3 | +38 7 | 8.7 | *9.5* | G5 | 3 | .. | 38779i |
| 49 | 3367 | 21.3 | + 7 5 | 9.5 | *10.0* | F8 | 1 | .. | 18982b |
| 50 | *4275* | 21.3 | − 5 0 | 4.61 | *4.89* | Fo | .. | .. | **56**,94 |
| 51 | 4377 | 21.3 | −11 36 | 9.2 | *9.8* | Go | 3 | .. | 21435b |
| 52 | *4553* | 21.3 | −16 1 | 9.3 | *10.3* | Ko | 4 | .. | 39404b |
| 53 | 4771 | 21.3 | −20 14 | 8.8 | 9.0 | B9 | 5 | .. | 38104b |
| 54 | 4772 | 21.3 | −20 23 | 10.5 | 10.4 | B9 | 2 | .. | 38104b |
| 55 | 13563 | 21.3 | −29 39 | 5.92 | 6.1 | B9 | .. | 1,6 | **28**,212 |
| 56 | 11532 | 21.3 | −36 15 | 10.0 | 10.3 | Ao | 1 | .. | 16748b |
| 57 | 11531 | 21.3 | −36 47 | 7.5 | 7.4 | B8 | 7 | .. | 40426b |
| 58 | 11482 | 21.3 | −40 27 | 10.0 | 10.3 | Ko | 1 | .. | 40426b |
| 59 | 11542 | 21.3 | −46 26 | 9.7 | 9.1 | Ao | 4 | .. | 17084b |
| 60 | 8155 | 21.3 | −55 57 | *8.6* | 8.6 | Ao | 3 | .. | 39301b |
| 61 | 5946 | 21.3 | −61 41 | 9.0 | 9.4 | F2 | 2 | .. | 13775b |
| 62 | 5607 | 21.3 | −62 58 | *8.8* | 9.8 | Ko | 1 | .. | 39370b |
| 63 | 1257 | 21.3 | −77 32 | *9.1* | 9.7 | Go | 3 | .. | 19008b |
| 64 | *2473* | 21.4 | +46 59 | 9.8 | *10.6* | G5 | 2 | .. | 6040m |
| 65 | 3126 | 21.4 | +39 35 | 9.4 | *10.5* | K2 | 1 | .. | 38779i |
| 66 | 2805 | 21.4 | +27 43 | 8.7 | *9.9* | K5 | 1 | .. | 38447i |
| 67 | 3241 | 21.4 | +17 0 | 6.29 | *7.64* | Mb | 5 | .. | 38455i |
| 68 | 4750 | 21.4 | −12 26 | 6.30 | *6.80* | F8 | 7 | .. | 8367b |
| 69 | 4554 | 21.4 | −15 47 | 6.62 | *7.62* | Ko | 10 | .. | 39404b |
| 70 | 13171 | 21.4 | −28 5 | 8.3 | 9.0 | Ao | 4 | .. | 22826b |
| 71 | *12761* | 21.4 | −33 0 | 10.0 | 10.0 | Ao | 1 | .. | 40731b |
| 72 | 11906 | 21.4 | −38 36 | 8.4 | 8.3 | B9 | 6 | .. | 40426b |
| 73 | 11483 | 21.4 | −40 15 | 8.0 | 8.3 | Bo | 5 | R | 40426b |
| 74 | 11656 | 21.4 | −41 8 | 10.7 | 9.2 | Ao | 2 | .. | 40426b |
| 75 | 10910 | 21.4 | −51 44 | 9.5 | 9.5 | F8 | 4 | .. | 19961b |
| 76 | 2067 | 21.4 | −72 6 | *8.1* | 9.1 | Ko | 4 | .. | 21336b |
| 77 | 1941 | 21.5 | +53 25 | 8.3 | *9.4* | K2 | 1 | .. | 38778i |
| 78 | 3368 | 21.5 | + 7 41 | 5.98 | *5.98* | Ao | .. | R | 2799c |
| 79 | | 21.5 | + 7 41 | | | G | .. | | |
| 80 | 3417 | 21.5 | + 6 51 | 10.1 | *11.1* | Ko | 1 | .. | 18982b |
| 81 | 3392 | 21.5 | + 5 43 | 8.5 | *9.5* | Ko | 2 | .. | 37767i |
| 82 | 3421 | 21.5 | + 4 22 | 8.6 | *9.7* | K2 | 2 | .. | 14180b |
| 83 | 3690 | 21.5 | + 0 55 | 6.99 | *7.99* | Ko | 5 | .. | 37767i |
| 84 | 3283 | 21.5 | − 0 55 | 7.6 | *7.6* | Ao | 6 | 2,9 | 41559b |
| 85 | 4617 | 21.5 | −13 15 | 9.0 | *9.8* | G5 | 2 | .. | 40585b |
| 86 | 4773 | 21.5 | −20 27 | 8.2 | 9.2 | Go | 5 | .. | 38104b |
| 87 | 13353 | 21.5 | −24 34 | 8.7 | 8.7 | A3 | 6 | .. | 38104b |
| 88 | 13173 | 21.5 | −28 16 | 7.7 | 7.8 | Ao | 6 | .. | 22826b |
| 89 | 14058 | 21.5 | −31 54 | 10.2 | 10.0 | A2 | 2 | .. | 40731b |
| 90 | 12762 | 21.5 | −32 23 | 9.8 | 9.7 | Fo | 1 | .. | 40731b |
| 91 | 11547 | 21.5 | −46 5 | 10.1 | 10.2 | A3 | 1 | .. | 17084b |
| 92 | 5949 | 21.5 | −61 59 | 8.5 | 9.5 | K2 | 1 | .. | 13775b |
| 93 | 2703 | 21.6 | +44 23 | 8.8 | *9.2* | F5 | 7 | 3,2 | 6040m |
| 94 | 2728 | 21.6 | +43 31 | 9.8 | *10.4* | Go | 3 | .. | 6040m |
| 95 | 3138 | 21.6 | +22 36 | 8.7 | *9.3* | Go | 2 | .. | 38780i |
| 96 | 3369 | 21.6 | +13 40 | 9.0 | *9.8* | G5 | 1 | .. | 37827i |
| 97 | 3371 | 21.6 | + 7 43 | 8.32 | *8.32* | Ao | 4 | .. | 18982b |
| 98 | 3370 | 21.6 | + 7 34 | 8.6 | *8.9* | F2 | 4 | .. | 18982b |
| 99 | 3422 | 21.6 | + 4 14 | 4.44 | *5.44* | Ko | .. | 0,R | **56**,94 |
| 100 | 3285 | 21.6 | − 0 6 | 8.48 | *9.48* | Ko | 5 | .. | 14180b |



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1922AnHar..97....1C



## 158000 — $17^h 21^m.6$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4754 | 21.6 | −12 4 | 8.9 | *9.5* | Go | 2 | .. | 21435b |
| 2 | 13355 | 21.6 | −24 38 | 9.7 | 9.3 | Go | 3 | .. | 38104b |
| 3 | 14059 | 21.6 | −31 26 | 9.3 | 9.2 | Ao | 3 | .. | 40731b |
| 4 | 12765 | 21.6 | −32 5 | 9.3 | 10.0 | Ko | 1 | .. | 40731b |
| 5 | 11489 | 21.6 | −40 6 | 10.4 | 10.1 | A3 | 1 | .. | 40426b |
| 6 | 11580 | 21.6 | −45 9 | 9.26 | 9.3 | A5 | 5 | .. | 17084b |
| 7 | 11549 | 21.6 | −46 23 | 10.6 | 9.7 | Ao | 2 | .. | 17084b |
| 8 | 10672 | 21.6 | −52 46 | 9.0 | 9.9 | Ko | 2 | .. | 19961b |
| 9 | 8643 | 21.6 | −53 58 | *9.9* | 9.9 | Ao | 2 | .. | 19961b |
| 10 | 3639 | 21.6 | −64 44 | *9.0* | 10.1 | K2 | 2 | .. | 39370b |
| 11 | 1212 | 21.6 | −76 49 | *8.8* | 9.4 | Go | 3 | .. | 42633b |
| 12 | 536 | 21.7 | +79 39 | 8.2 | *8.5* | Fo | 2 | .. | 37240i |
| 13 | 1758 | 21.7 | +57 5 | 6.55 | *6.61* | A2 | 9 | .. | 37802i |
| 14 | 2530 | 21.7 | +45 35 | 9.6 | *10.2* | Go | 3 | .. | 6040m |
| 15 | 2884 | 21.7 | +37 16 | 8.7 | *9.8* | K2 | 2 | .. | 38779i |
| 16 | 2965 | 21.7 | +34 16 | 8.6 | *9.8* | K5 | 1 | .. | 38779i |
| 17 | *4445* | 21.7 | − 6 2 | 9.9 | *10.7* | G5 | 1 | .. | 39416b |
| 18 | 4531 | 21.7 | −18 17 | 8.6 | *9.0* | F5 | 6 | .. | 39404b |
| 19 | 12171 | 21.7 | −25 3 | 10.0 | 9.9 | Ao | 2 | .. | 38104b |
| 20 | 14063 | 21.7 | −31 7 | 7.9 | 8.8 | K2 | 4 | .. | 40731b |
| 21 | 11710 | 21.7 | −34 31 | 8.8 | 10.5 | K5 | 1 | .. | 40731b |
| 22 | 11500 | 21.7 | −39 57 | 10.9 | 10.0 | Ao | 1 | .. | 40426b |
| 23 | 12166 | 21.7 | −42 27 | 8.9 | 8.6 | F5 | 6 | .. | 19751b |
| 24 | 12165 | 21.7 | −42 36 | 9.5 | 8.9 | Ao | 4 | .. | 19751b |
| 25 | 11768 | 21.7 | −44 17 | 11.6 | 9.9 | Ao | 2 | .. | 21873b |
| 26 | 11553 | 21.7 | −46 25 | 10.6 | 10.1 | A2 | 1 | .. | 17084b |
| 27 | 11311 | 21.7 | −50 19 | 7.96 | 8.3 | Ko | 5 | .. | 19961b |
| 28 | 10916 | 21.7 | −51 34 | 10.6 | 10.6 | Ma | 1 | .. | 19961b |
| 29 | 10673 | 21.7 | −52 56 | 8.9 | 9.9 | G5 | 3 | .. | 19961b |
| 30 | 8646 | 21.7 | −53 55 | 8.3 | 9.1 | K5 | 2 | .. | 19961b |
| 31 | 8578 | 21.7 | −57 37 | 9.0 | 9.5 | F8 | 1 | .. | 39301b |
| 32 | 3453 | 21.7 | −65 2 | 9.55 | 10.4 | Ko | 1 | .. | 39370b |
| 33 | 2629 | 21.8 | +49 36 | 8.12 | *8.54* | F5 | 5 | .. | 38778i |
| 34 | 2532 | 21.8 | +45 48 | 9.3 | *10.1* | G5 | 3 | .. | 6040m |
| 35 | 2531 | 21.8 | +45 25 | 8.2 | *9.2* | Ko | 7 | 5,2 | 6040m |
| 36 | 2705 | 21.8 | +44 20 | 9.3 | *10.3* | Ko | 4 | .. | 6040m |
| 37 | 2729 | 21.8 | +43 21 | 9.8 | *10.1* | F2 | 3 | .. | 6040m |
| 38 | 2808 | 21.8 | +27 23 | 7.7 | *8.7* | Ko | 3 | .. | 37805i |
| 39 | 4444 | 21.8 | − 7 14 | 8.2 | *8.8* | Go | 5 | .. | 39416b |
| 40 | 4638 | 21.8 | −19 9 | 8.8 | 9.9 | Ko | 3 | .. | 39404b |
| 41 | 11661 | 21.8 | −41 10 | 10.7 | 9.5 | B8 | 2 | .. | 40426b |
| 42 | 11741 | 21.8 | −43 54 | 6.52 | 6.9 | B9 | 4 | .. | 4941b |
| 43 | 3452 | 21.8 | −65 50 | *8.0* | 8.8 | G5 | 4 | .. | 42525b |
| 44 | 782 | 21.9 | +72 41 | 8.6 | *9.1* | F8 | 2 | .. | 38095i |
| 45 | 1876 | 21.9 | +54 27 | 8.9 | *9.0* | Ao | 3 | E | 37802i |
| 46 | 2730 | 21.9 | +43 10 | 9.6 | *10.4* | G5 | 3 | .. | 6040m |
| 47 | 3130 | 21.9 | +39 46 | 8.7 | *9.7* | Ko | 1 | .. | 38779i |
| 48 | 3420 | 21.9 | + 6 51 | 9.8 | *10.3* | F8 | 1 | .. | 18982b |
| 49 | 3318 | 21.9 | + 2 25 | 9.1 | *10.1* | Ko | 1 | .. | 39408b |
| 50 | 3316 | 21.9 | + 2 24 | 9.1 | *9.2* | A2 | 1 | .. | 14180b |
| 51 | 4556 | 21.9 | −15 53 | 10.1 | *10.4* | F2 | 2 | R | 39404b |
| 52 | 4639 | 21.9 | −19 12 | 10.3 | 10.1 | Ao | 2 | .. | 39404b |
| 53 | 13359 | 21.9 | −24 41 | 10.7 | 11.0 | K2 | 1 | .. | 38104b |
| 54 | 14243 | 21.9 | −30 44 | 10.0 | 9.1 | Ao | 3 | .. | 40731b |
| 55 | 11603 | 21.9 | −37 51 | 9.4 | 9.4 | A3 | 4 | .. | 16748b |
| 56 | *11911* | 21.9 | −39 1 | 10.0 | 9.8 | A2 | 2 | .. | 40426b |
| 57 | 12170 | 21.9 | −42 31 | 9.7 | 9.3 | G5 | 2 | .. | 19751b |
| 58 | 11772 | 21.9 | −44 42 | 9.5 | 9.3 | Ao | 5 | .. | 17084b |
| 59 | 11479 | 21.9 | −49 42 | 7.7 | 8.6 | F8 | 6 | .. | 19961b |
| 60 | 7039 | 21.9 | −59 15 | *9.2* | 9.7 | F8 | 2 | .. | 39301b |
| 61 | 2735 | 21.9 | −69 14 | *9.9* | 9.9 | A | 1 | .. | 42525b |
| 62 | 1842 | 21.9 | −73 22 | *8.8* | 9.9 | K2 | 2 | .. | 21336b |
| 63 | 911 | 22.0 | +69 54 | 7.39 | *7.89* | F8 | 7 | .. | 38095i |
| 64 | 2400 | 22.0 | +50 31 | 7.87 | *8.21* | F2 | 7 | .. | 38778i |
| 65 | 2306 | 22.0 | +46 56 | 9.2 | *10.0* | G5 | 2 | .. | 6040m |
| 66 | 2305 | 22.0 | +46 32 | 8.2 | *9.2* | Ko | 6 | 2,1 | 6040m |
| 67 | *2809* | 22.0 | +26 57 | 6.36 | *6.50* | A5 | 8 | .. | 37805i |
| 68 | 4357 | 22.0 | − 2 19 | 8.3 | *9.4* | K2 | 4 | .. | 39468b |
| 69 | 4447 | 22.0 | − 5 40 | 9.2 | *10.2* | Ko | 2 | .. | 39416b |
| 70 | 4621 | 22.0 | −13 9 | 9.5 | *10.3* | G5 | 1 | .. | 40585b |
| 71 | 12175 | 22.0 | −25 41 | 10.9 | 10.2 | Ao | 1 | .. | 38104b |
| 72 | 12773 | 22.0 | −32 11 | 9.0 | 9.7 | A2 | 1 | .. | 40731b |
| 73 | 12096 | 22.0 | −33 29 | 8.5 | 8.8 | B8 | 4 | .. | 40731b |
| 74 | 12171 | 22.0 | −42 20 | 9.3 | 9.8 | Ko | 1 | .. | 19751b |
| 75 | 11587 | 22.0 | −45 15 | 9.5 | 10.1 | Ko | 3 | .. | 17084b |
| 76 | 11556 | 22.0 | −46 7 | 9.5 | 10.2 | K5 | 1 | .. | 17084b |
| 77 | 11558 | 22.0 | −46 23 | 11.6 | 10.8 | Mc | .. | .. | M |
| 78 | 11557 | 22.0 | −46 36 | 7.83 | 7.3 | B5 | .. | 3,9 | **56**,140 |
| 79 | 11751 | 22.0 | −48 24 | 9.9 | 9.2 | A3 | 7 | .. | 21873b |
| 80 | 5611 | 22.0 | −62 37 | *9.6* | 9.7 | A5 | 1 | .. | 39370b |
| 81 | 3337 | 22.0 | −67 59 | *8.1* | 8.1 | Ao | 5 | .. | 42525b |
| 82 | 1135 | 22.0 | −78 43 | *9.4* | 9.5 | A3 | 3 | .. | 19008b |
| 83 | 1936 | 22.1 | +55 22 | 8.2 | *9.2* | Ko | 3 | .. | 37802i |
| 84 | 2885 | 22.1 | +37 52 | 7.9 | *9.0* | K2 | 2 | .. | 38779i |
| 85 | 3181 | 22.1 | +24 12 | 8.7 | *8.8* | A2 | 5 | .. | 38780i |
| 86 | 3409 | 22.1 | + 3 38 | 10.5 | *11.1* | Go | 1 | .. | 14180b |
| 87 | 12177 | 22.1 | −25 8 | 10.15 | 9.9 | B9 | 2 | .. | 38104b |
| 88 | 13185 | 22.1 | −28 58 | 7.56 | 8.7 | K5 | 4 | .. | 22826b |
| 89 | 11606 | 22.1 | −37 42 | 11.4 | 10.0 | F8 | 2 | .. | 16748b |
| 90 | 11666 | 22.1 | −41 36 | 9.4 | 9.5 | A5 | 2 | .. | 40426b |
| 91 | 11581 | 22.1 | −47 34 | 9.7 | 9.4 | A2 | 4 | .. | 17084b |
| 92 | 11756 | 22.1 | −48 22 | 10.3 | 9.9 | Ao | 3 | .. | 21873b |
| 93 | 10921 | 22.1 | −51 22 | 8.5 | 8.7 | G5 | 7 | .. | 19961b |
| 94 | 6842 | 22.1 | −60 36 | 3.79 | *3.74* | B8 | .. | R | **28**,212 |
| 95 | 3338 | 22.1 | −67 19 | *9.0* | 9.0 | B9 | 2 | .. | 42525b |
| 96 | 2402 | 22.2 | +50 47 | 7.58 | *8.36* | G5 | 6 | .. | 38778i |
| 97 | 2935 | 22.2 | +38 52 | 8.7 | *9.8* | K2 | 1 | .. | 38779i |
| 98 | 2967 | 22.2 | +34 5 | 7.9 | *7.9* | Ao | 7 | .. | 38779i |
| 99 | 3182 | 22.2 | +24 11 | 8.7 | *8.8* | A2 | 4 | .. | 38780i |
| 100 | 3394 | 22.2 | + 9 25 | 9.1 | *9.4* | Fo | 3 | .. | 18982b |



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**158100** **17h 22m.2**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4757 | 22.2 | −12 7 | 8.0 | *8.3* | F2 | 7 | .. | 21435b |
| 2 | 14252 | 22.2 | −30 50 | 9.0 | 9.1 | Ao | 4 | .. | 40731b |
| 3 | 14077 | 22.2 | −31 17 | 7.7 | 8.3 | Fo | 6 | .. | 40731b |
| 4 | 11600 | 22.2 | −35 7 | 10.22 | 10.3 | Ao | 1 | .. | 16748b |
| 5 | 11546 | 22.2 | −36 41 | 6.03 | 7.2 | Ko | 9 | .. | 40426b |
| 6 | *11921* | 22.2 | −39 0 | 8.4 | 9.3 | Ko | 3 | .. | 40426b |
| 7 | 12176 | 22.2 | −42 15 | 7.8 | 8.7 | K2 | 4 | .. | 19751b |
| 8 | 11777 | 22.2 | −44 9 | 11.6 | 10.2 | Ao | 2 | .. | 21873b |
| 9 | 11562 | 22.2 | −46 4 | 9.5 | 9.9 | G5 | 2 | .. | 17084b |
| 10 | 11757 | 22.2 | −48 1 | 9.2 | 9.3 | Ao | 5 | .. | 17084b |
| 11 | 8349 | 22.2 | −54 9 | 7.7 | 7.5 | B5 | 9 | .. | 19961b |
| 12 | 8583 | 22.2 | −57 24 | 8.8 | 8.5 | F8 | 4 | .. | 39301b |
| 13 | 7151 | 22.2 | −58 3 | 8.8 | 9.5 | A2 | 2 | .. | 39301b |
| 14 | 1350 | 22.3 | +63 32 | 8.8 | *8.9* | A2 | 2 | .. | 38536i |
| 15 | 2971 | 22.3 | +35 35 | 9.3 | *9.3* | A | 1 | .. | 38779i |
| 16 | 3012 | 22.3 | +29 33 | 7.61 | *7.89* | Fo | 5 | .. | 37805i |
| 17 | 3141 | 22.3 | +22 31 | 8.9 | *10.0* | K2 | 2 | .. | 38780i |
| 18 | 3421 | 22.3 | + 6 53 | 9.8 | *9.9* | A2 | 2 | .. | 18982b |
| 19 | 4380 | 22.3 | −11 54 | 8.7 | *8.7* | B9 | 5 | .. | 21435b |
| 20 | 4650 | 22.3 | −14 11 | 8.6 | *8.6* | B9 | 4 | .. | 40585b |
| 21 | 4521 | 22.3 | −16 45 | 9.9 | *10.9* | Ko | 2 | .. | 39404b |
| 22 | 4775 | 22.3 | −20 53 | 8.0 | 8.3 | F8 | 7 | .. | 38104b |
| 23 | 14256 | 22.3 | −30 50 | 7.7 | 7.6 | Ao | 7 | .. | 40731b |
| 24 | 11716 | 22.3 | −34 40 | 9.6 | 10.0 | Ao | 2 | .. | 40731b |
| 25 | 11922 | 22.3 | −38 34 | 10.4 | 9.5 | Ao | 2 | .. | 40426b |
| 26 | 11514 | 22.3 | −39 27 | 10.0 | 10.0 | A2 | 2 | .. | 40426b |
| 27 | 11503 | 22.3 | −40 11 | 8.7 | 9.3 | Ko | 3 | .. | 40426b |
| 28 | 11500 | 22.3 | −40 39 | 8.4 | 8.0 | B9 | 6 | .. | 40426b |
| 29 | 11590 | 22.3 | −45 58 | 9.5 | 10.4 | K2 | 1 | .. | 17084b |
| 30 | 11322 | 22.3 | −50 26 | 10.6 | 9.8 | B9 | 3 | .. | 19961b |
| 31 | 8294 | 22.3 | −56 47 | 8.6 | 9.1 | Ma | 3 | .. | 39301b |
| 32 | 7152 | 22.3 | −58 3 | 8.8 | 10.2 | A2 | 1 | .. | 39301b |
| 33 | 2533 | 22.4 | +45 48 | 9.8 | *10.6* | G5 | 3 | .. | 6040m |
| 34 | .. | 22.4 | +45 31 | .. | .. | G | 2 | .. | 6040m |
| 35 | 2707 | 22.4 | +44 49 | 10.0 | *11.0* | Ko | 1 | .. | 6040m |
| 36 | 2732 | 22.4 | +43 23 | 10.3 | *10.3* | Ao | 3 | .. | 6040m |
| 37 | 3396 | 22.4 | + 5 24 | 9.5 | *9.9* | F5 | 1 | .. | 14180b |
| 38 | 3413 | 22.4 | + 3 17 | 9.1 | *9.6* | F8 | 3 | .. | 14180b |
| 39 | 4497 | 22.4 | −10 21 | 9.3 | *9.9* | Go | 2 | .. | 21435b |
| 40 | 12179 | 22.4 | −25 25 | 7.05 | 7.7 | Fo | 4 | .. | 43292b |
| 41 | 14081 | 22.4 | −31 29 | 10.0 | 9.5 | Ao | 2 | .. | 40731b |
| 42 | 11925 | 22.4 | −38 33 | 8.7 | 8.7 | F8 | 5 | .. | 40426b |
| 43 | 11505 | 22.4 | −40 13 | 8.8 | 8.3 | Ao | 6 | .. | 40426b |
| 44 | 11593 | 22.4 | −45 38 | 9.5 | 9.0 | B8 | 5 | .. | 17084b |
| 45 | 10925 | 22.4 | −51 53 | 8.6 | 8.0 | Ao | 9 | .. | 19961b |
| 46 | 8655 | 22.4 | −53 41 | *9.5* | 10.3 | G5 | 2 | .. | 19961b |
| 47 | 1658 | 22.5 | +61 6 | 7.21 | *8.21* | Ko | 4 | .. | 37802i |
| 48 | 3481 | 22.5 | +20 10 | 5.42 | *5.30* | B5 | .. | 0,9- | 56,94 |
| 49 | 4105 | 22.5 | − 3 3 | 8.4 | *9.5* | K2 | 3 | .. | 39468b |
| 50 | 4597 | 22.5 | − 6 7 | 9.5 | *10.3* | G5 | 2 | .. | 39416b |
| 51 | 4557 | 22.5 | −15 38 | 9.2 | *9.5* | Fo | 4 | .. | 39404b |
| 52 | 4776 | 22.5 | −20 17 | 8.8 | 9.6 | Ko | 3 | .. | 38104b |
| 53 | 13392 | 22.5 | −23 9 | 9.7 | 10.4 | F8 | 1 | .. | 38104b |
| 54 | 13590 | 22.5 | −29 30 | 9.5 | 8.8 | Ao | 5 | .. | 22826b |
| 55 | 12786 | 22.5 | −32 55 | 8.1 | 8.2 | B5 | 5 | .. | 40731b |
| 56 | 11927 | 22.5 | −38 26 | 6.44 | 6.8 | A2 | 9 | .. | 40426b |
| 57 | 12178 | 22.5 | −42 31 | 9.3 | 8.7 | Ao | 4 | .. | 19751b |
| 58 | 11783 | 22.5 | −44 53 | 9.63 | 9.3 | Ao | 5 | .. | 17084b |
| 59 | 11564 | 22.5 | −46 55 | 8.4 | 8.4 | F2 | 6 | .. | 17084b |
| 60 | 11763 | 22.5 | −48 32 | 10.1 | 9.2 | Ao | 7 | .. | 21873b |
| 61 | 8299 | 22.5 | −56 57 | 8.2 | 8.6 | Ko | 3 | .. | 39301b |
| 62 | 7046 | 22.5 | −59 43 | *9.8* | 9.8 | Ao | 3 | .. | 39301b |
| 63 | 2307 | 22.6 | +46 22 | 10.3 | *11.1* | G5 | 2 | .. | 6040m |
| 64 | 2894 | 22.6 | +33 53 | 8.9 | *9.2* | F2 | 2 | .. | 38779i |
| 65 | 2984 | 22.6 | +30 52 | 8.3 | *9.5* | K5 | 2 | .. | 36003i |
| 66 | 2813 | 22.6 | +27 19 | 7.8 | *7.9* | A5 | 5 | .. | 37805i |
| 67 | 3314 | 22.6 | +19 1 | 9.3 | *9.3* | Ao | 3 | .. | 38780i |
| 68 | 3422 | 22.6 | + 6 35 | 8.9 | *8.9* | Ao | 3 | .. | 14180b |
| 69 | 3424 | 22.6 | + 4 33 | 9.1 | *9.9* | G5 | 2 | .. | 37767i |
| 70 | 4444 | 22.6 | − 8 7 | 6.31 | *6.81* | F8 | 9 | .. | 39416b |
| 71 | 4617 | 22.6 | −21 22 | 9.5 | 10.1 | F2 | 2 | .. | 38104b |
| 72 | 4349 | 22.6 | −22 31 | 8.8 | 10.4 | K2 | 2 | .. | 38104b |
| 73 | 12146 | 22.6 | −26 38 | 7.9 | 9.1 | Go | 4 | .. | 22826b |
| 74 | 11558 | 22.6 | −36 48 | 9.6 | 10.0 | F5 | 2 | .. | 16748b |
| 75 | 11784 | 22.6 | −44 39 | 7.5 | 7.3 | B8 | 10 | .. | 21873b |
| 76 | 11764 | 22.6 | −48 2 | 9.2 | 9.9 | Ko | 3 | .. | 17084b |
| 77 | 6844 | 22.6 | −60 21 | 8.2 | 8.9 | Fo | 6 | .. | 13775b |
| 78 | *3640* | 22.6 | −65 0 | 9.55 | 9.9 | G5 | 2 | .. | 39370b |
| 79 | 1383 | 22.6 | −75 47 | *9.2* | 9.3 | A5 | 5 | .. | 19008b |
| 80 | 709 | 22.6 | −82 16 | *8.8* | 9.8 | Ko | 2 | .. | 43458b |
| 81 | .. | 22.7 | +45 30 | .. | .. | G5 | 1 | .. | 6040m |
| 82 | 3399 | 22.7 | + 5 5 | 9.01 | *10.08* | K2 | 1 | .. | 14180b |
| 83 | 3425 | 22.7 | + 4 25 | 8.5 | *9.5* | Ko | 2 | .. | 37767i |
| 84 | 4536 | 22.7 | −18 13 | 9.0 | *9.6* | Go | 4 | .. | 39404b |
| 85 | 13195 | 22.7 | −28 45 | 9.2 | 8.7 | B9 | 3 | .. | 22826b |
| 86 | 14091 | 22.7 | −31 27 | 6.81 | 7.3 | B3 | 8 | .. | 40731b |
| 87 | 11517 | 22.7 | −40 17 | 9.8 | 10.0 | Ko | 1 | .. | 40426b |
| 88 | 11678 | 22.7 | −41 35 | 9.4 | 9.3 | F5 | 2 | .. | 40426b |
| 89 | 11594 | 22.7 | −45 1 | 11.0 | 10.8 | Ko | 1 | .. | 21873b |
| 90 | 11568 | 22.7 | −46 4 | 9.5 | 8.7 | Ao | 7 | .. | 17084b |
| 91 | 3454 | 22.7 | −65 24 | *9.8* | 10.1 | Fo | 2 | .. | 39370b |
| 92 | 2534 | 22.8 | +45 28 | 10.3 | *10.9* | G | 2 | .. | 6040m |
| 93 | 3212 | 22.8 | +10 43 | 8.3 | *9.5* | K5 | 2 | .. | 18982b |
| 94 | 3377 | 22.8 | + 7 40 | 8.9 | *9.7* | G5 | 3 | .. | 18982b |
| 95 | 4815 | 22.8 | −17 11 | 10.8 | *10.8* | B8 | 3 | .. | 39404b |
| 96 | 4814 | 22.8 | −17 55 | 8.6 | *9.6* | Ko | 4 | .. | 39404b |
| 97 | 13393 | 22.8 | −23 21 | 8.5 | 10.4 | K5 | 2 | .. | 38104b |
| 98 | 12107 | 22.8 | −33 41 | 8.5 | 8.9 | G5 | 3 | .. | 40731b |
| 99 | 11610 | 22.8 | −35 36 | 10.2 | 9.8 | A2 | 2 | .. | 40426b |
| 100 | 11755 | 22.8 | −43 28 | 9.2 | 9.0 | F5 | 4 | .. | 19751b |



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1922AnHar..97....1C



158200 — 17h 22m.8

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11598 | 22.8 | −45 37 | 9.2 | 10.2 | K2 | 2 | .. | 17084b |
| 2 | 11571 | 22.8 | −46 7 | 10.1 | 9.3 | Ao | 4 | .. | 17084b |
| 3 | 11492 | 22.8 | −49 49 | 9.9 | 9.2 | B8 | 4 | .. | 19961b |
| 4 | 8184 | 22.8 | −55 39 | *8.2* | 8.2 | B9 | 3 | .. | 19961b |
| 5 | 8303 | 22.8 | −56 40 | 8.8 | 8.4 | A2 | 7 | .. | 39301b |
| 6 | 5957 | 22.8 | −61 11 | 8.4 | 8.9 | A2 | 3 | .. | 13775b |
| 7 | 5958 | 22.8 | −61 52 | 8.2 | 8.9 | Fo | 3 | .. | 13775b |
| 8 | 3641 | 22.8 | −64 5 | *8.7* | 9.9 | K5 | 1 | .. | 39370b |
| 9 | 767 | 22.9 | +73 6 | 8.3 | *9.3* | Ko | 2 | .. | 38095i |
| 10 | 3124 | 22.9 | +21 48 | 8.2 | *8.8* | Go | 4 | .. | 38780i |
| 11 | 3377 | 22.9 | +18 0 | 7.5 | *8.5* | Ko | 3 | .. | 38455i |
| 12 | 4524 | 22.9 | −16 57 | 10.5 | *11.5* | Ko | 1 | .. | 39404b |
| 13 | 13366 | 22.9 | −24 14 | 7.9 | 9.0 | Go | 7 | .. | 38104b |
| 14 | 13200 | 22.9 | −28 53 | 9.2 | 9.0 | A3 | 4 | .. | 22826b |
| 15 | 11620 | 22.9 | −37 11 | 8.7 | 10.0 | Ma | 1 | .. | 40426b |
| 16 | 11518 | 22.9 | −39 37 | 8.4 | 9.6 | K2 | 4 | .. | 40426b |
| 17 | 11684 | 22.9 | −41 29 | 8.4 | 8.6 | Ao | 6 | .. | 19751b |
| 18 | 12188 | 22.9 | −42 15 | 8.3 | 8.3 | B8 | 7 | .. | 19751b |
| 19 | 8358 | 22.9 | −54 41 | 9.0 | 9.0 | Ao | 4 | .. | 19961b |
| 20 | 8304 | 22.9 | −56 50 | 6.29 | 6.9 | B8 | .. | 1,4 | **28**,212 |
| 21 | 2736 | 22.9 | −69 54 | *8.4* | 9.0 | Go | 4 | .. | 42525b |
| 22 | 1945 | 23.0 | +53 13 | 7.74 | *8.30* | Go | 3 | .. | 38778i |
| 23 | 2632 | 23.0 | +49 44 | 8.8 | *9.6* | G5 | 1 | .. | 38778i |
| 24 | 2734 | 23.0 | +43 23 | 9.6 | *10.1* | F8 | 3 | .. | 6040m |
| 25 | 3026 | 23.0 | +31 21 | 7.04 | *7.54* | F8 | 6 | .. | 38447i |
| 26 | 3027 | 23.0 | +31 9 | 8.1 | *8.6* | F8 | 3 | .. | 36003i |
| 27 | 3378 | 23.0 | +18 13 | 7.8 | *9.0* | K5 | 2 | .. | 38780i |
| 28 | 3418 | 23.0 | + 8 31 | 6.63 | *7.98* | Ma | 7 | 0,4 | 18982b |
| 29 | *3424* | 23.0 | + 5 58 | 8.9 | *9.2* | Fo | 2 | .. | 18982b |
| 30 | 4556 | 23.0 | − 9 25 | 8.2 | *8.2* | Ao | 6 | .. | 21435b |
| 31 | 4816 | 23.0 | −17 19 | 10.8 | *10.8* | B9 | 1 | .. | 39404b |
| 32 | 4350 | 23.0 | −22 16 | 10.8 | 10.7 | A2 | 1 | .. | 38104b |
| 33 | 13396 | 23.0 | −23 44 | 9.5 | 10.4 | K5 | 1 | .. | 38104b |
| 34 | 11614 | 23.0 | −35 41 | 10.0 | 9.4 | Ao | 3 | .. | 40426b |
| 35 | 11523 | 23.0 | −40 19 | 9.4 | 9.3 | Ao | 3 | .. | 40426b |
| 36 | 11525 | 23.0 | −40 29 | 10.4 | 9.8 | Ao | 2 | .. | 40426b |
| 37 | 12189 | 23.0 | −42 22 | 9.5 | 9.0 | Ao | 3 | .. | 19751b |
| 38 | 11760 | 23.0 | −43 7 | 9.7 | 9.6 | Ao | 2 | .. | 19751b |
| 39 | 11787 | 23.0 | −44 6 | 10.1 | 9.1 | Ao | 4 | .. | 21873b |
| 40 | 11602 | 23.0 | −45 11 | 11.6 | 10.1 | F5 | 4 | .. | 21873b |
| 41 | 11772 | 23.0 | −48 19 | 11.0 | 10.6 | F5 | 2 | .. | 21873b |
| 42 | 10928 | 23.0 | −51 35 | 10.1 | 9.8 | A2 | 3 | .. | 19961b |
| 43 | 8660 | 23.0 | −53 23 | 8.2 | 8.1 | B3 | 7 | .. | 19961b |
| 44 | 8306 | 23.0 | −56 23 | *9.1* | 10.2 | K2 | 1 | .. | 39301b |
| 45 | 5618 | 23.0 | −62 5 | *8.8* | 9.8 | Ko | 3 | .. | 39370b |
| 46 | 3642 | 23.0 | −64 50 | *9.4* | 10.5 | K2 | 3 | .. | 39370b |
| 47 | 1385 | 23.0 | −75 21 | *8.5* | 9.7 | K5 | 3 | .. | 19008b |
| 48 | 347 | 23.0 | −86 4 | *9.4* | 10.0 | Go | 4 | 5,1 | 22578b |
| 49 | 2977 | 23.1 | +35 51 | 8.7 | *9.1* | F5 | 3 | .. | 38779i |
| 50 | 3121 | 23.1 | +23 20 | 9.3 | *9.4* | A3 | 1 | .. | 38780i |
| 51 | 3188 | 23.1 | +16 32 | 7.16 | *7.44* | Fo | 5 | .. | 38455i |
| 52 | 3398 | 23.1 | + 9 51 | 8.12 | *8.12* | Ao | 5 | 0,2 | 38781i |
| 53 | *3321* | 23.1 | + 1 59 | 9.1 | *10.2* | K2 | 1 | .. | 14180b |
| 54 | 4381 | 23.1 | −11 26 | 10.5 | *10.5* | Ao | 1 | .. | 21435b |
| 55 | 4759 | 23.1 | −12 15 | 8.8 | *9.2* | F5 | 6 | .. | 21435b |
| 56 | 14098 | 23.1 | −31 13 | 9.5 | 9.5 | Fo | 2 | .. | 40731b |
| 57 | 12191 | 23.1 | −42 49 | 9.3 | 9.2 | Fo | 2 | .. | 19751b |
| 58 | 2921 | 23.1 | −68 41 | *9.1* | 9.6 | F8 | 1 | .. | 42525b |
| 59 | 2057 | 23.2 | +52 53 | 6.56 | *7.12* | Go | 7 | .. | 38778i |
| 60 | 2210 | 23.2 | +51 35 | 8.3 | *8.4* | A3 | 3 | .. | 38778i |
| 61 | 2971 | 23.2 | +34 47 | 5.91 | *5.89* | B9 | 10 | .. | 38779i |
| 62 | 3183 | 23.2 | +11 31 | 6.83 | *6.91* | A | 9 | R | 37827i |
| 63 | 3184 | 23.2 | +11 29 | | | A3 | | | |
| 64 | 4106 | 23.2 | − 3 29 | 9.3 | *9.3* | Ao | 2 | .. | 39468b |
| 65 | 4383 | 23.2 | −11 37 | 10.8 | *10.9* | A2 | 1 | .. | 21435b |
| 66 | 4562 | 23.2 | −15 57 | 10.1 | *10.2* | A2 | 3 | .. | 39404b |
| 67 | 4818 | 23.2 | −17 25 | 10.5 | *11.5* | Ko | 1 | .. | 39404b |
| 68 | 4817 | 23.2 | −17 30 | 10.5 | *11.7* | K5 | 1 | .. | 39404b |
| 69 | 13397 | 23.2 | −23 41 | Neb. | Neb. | Pd | .. | R | **76**,23 |
| 70 | 12805 | 23.2 | −32 27 | 10.0 | 9.4 | B8 | 2 | .. | 40731b |
| 71 | 11528 | 23.2 | −40 5 | 10.0 | 10.1 | Ko | 1 | .. | 40426b |
| 72 | 11529 | 23.2 | −40 22 | 8.7 | 10.1 | K2 | 1 | .. | 40426b |
| 73 | 11793 | 23.2 | −44 40 | 9.9 | 10.1 | G5 | 2 | .. | 21873b |
| 74 | 11792 | 23.2 | −44 48 | 10.6 | 10.2 | G5 | 1 | .. | 21873b |
| 75 | 11578 | 23.2 | −46 12 | 10.1 | 10.2 | Ko | 1 | .. | 17084b |
| 76 | 11577 | 23.2 | −46 27 | 10.3 | 10.1 | Ao | 2 | .. | 21873b |
| 77 | 11579 | 23.2 | −46 54 | 11.0 | 9.9 | Ao | 3 | .. | 21873b |
| 78 | 11590 | 23.2 | −47 4 | 10.3 | 9.6 | Ao | 3 | .. | 17084b |
| 79 | 11334 | 23.2 | −50 17 | 8.16 | 8.9 | G5 | 6 | .. | 19961b |
| 80 | 8361 | 23.2 | −54 36 | 7.5 | 8.4 | G5 | 5 | .. | 19961b |
| 81 | 2156 | 23.2 | −71 41 | *9.1* | 9.9 | G5 | 2 | .. | 21336b |
| 82 | 2309 | 23.3 | +46 36 | 10.3 | *10.9* | Go | 2 | .. | 6040m |
| 83 | 3323 | 23.3 | + 2 17 | 8.5 | *9.0* | F8 | 3 | .. | 14180b |
| 84 | 4564 | 23.3 | −15 28 | 10.1 | *10.6* | F8 | 3 | .. | 39404b |
| 85 | 4563 | 23.3 | −15 59 | 9.5 | *10.7* | K5 | 1 | .. | 39404b |
| 86 | 4622 | 23.3 | −21 10 | 9.5 | 9.8 | Fo | 2 | .. | 38104b |
| 87 | 11569 | 23.3 | −36 58 | 8.7 | 8.5 | B8 | 5 | .. | 40426b |
| 88 | 11531 | 23.3 | −40 31 | 8.4 | 8.7 | F8 | 4 | .. | 40426b |
| 89 | 11763 | 23.3 | −43 40 | 7.7 | 8.4 | F5 | 7 | .. | 19751b |
| 90 | 11608 | 23.3 | −45 16 | 11.6 | 10.8 | G5 | 2 | .. | 21873b |
| 91 | 11593 | 23.3 | −47 55 | 11.6 | 10.4 | A | 2 | .. | 21873b |
| 92 | 11335 | 23.3 | −50 4 | 10.1 | 9.8 | B9 | 3 | .. | 19961b |
| 93 | 7160 | 23.3 | −58 31 | 8.8 | 9.1 | Ao | 6 | .. | 39301b |
| 94 | 4118 | 23.3 | −63 4 | *8.6* | 9.6 | Ko | 2 | .. | 39370b |
| 95 | 556 | 23.3 | −84 51 | *9.6* | 10.4 | G5 | 1 | .. | 43458b |
| 96 | 3310 | 23.4 | +46 57 | 8.0 | *9.0* | Ko | 6 | 2,2 | 6040m |
| 97 | 3223 | 23.4 | +12 16 | 8.3 | *9.3* | Ko | 1 | .. | 37827i |
| 98 | 3428 | 23.4 | + 6 5 | 9.1 | *10.3* | K5 | 1 | .. | 18982b |
| 99 | 4449 | 23.4 | − 5 34 | 8.8 | *8.9* | A2 | 5 | .. | 39416b |
| 100 | 4384 | 23.4 | −11 35 | 9.9 | *10.0* | A2 | 4 | .. | 21435b |



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1922AnHar..97....1C



## 158300 — 17h 23m.4

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4385 | 23.4 | −11 58 | 8.6 | *9.4* | G5 | 6 | .. | 21435b |
| 2 | *4627* | 23.4 | −14 0 | 7.8 | *8.3* | F8 | 7 | .. | 21435b |
| 3 | 4819 | 23.4 | −17 29 | 11.4 | *11.5* | A2 | 2 | .. | 39404b |
| 4 | 13210 | 23.4 | −28 33 | 8.5 | 8.7 | B8 | 4 | .. | 22826b |
| 5 | 11937 | 23.4 | −38 33 | 9.0 | 8.4 | Ao | 5 | .. | 40426b |
| 6 | 11765 | 23.4 | −43 8 | 7.6 | 7.1 | F5 | 9 | .. | 19751b |
| 7 | 11609 | 23.4 | −45 19 | 11.6 | 10.5 | B9 | 2 | .. | 21873b |
| 8 | 11499 | 23.4 | −49 38 | 9.9 | 9.6 | Go | 2 | .. | 19961b |
| 9 | 8364 | 23.4 | −54 16 | *9.6* | 9.6 | Ao | 2 | .. | 19961b |
| 10 | 6850 | 23.4 | −60 37 | 9.2 | 9.8 | A5 | 2 | .. | 39370b |
| 11 | 5621 | 23.4 | −62 9 | *7.7* | 8.5 | G5 | 4 | .. | 13775b |
| 12 | 4119 | 23.4 | −63 16 | *7.6* | 7.7 | A3 | 5 | .. | 13775b |
| 13 | 2388 | 23.4 | −70 30 | *9.8* | 10.9 | K2 | 1 | .. | 21336b |
| 14 | 2069 | 23.4 | −72 15 | *9.1* | 9.9 | G5 | 2 | .. | 21336b |
| 15 | 2311 | 23.5 | +46 52 | 9.2 | *10.0* | G5 | 3 | .. | 6040m |
| 16 | 2736 | 23.5 | +43 2 | 9.3 | *10.3* | Ko | 3 | .. | 6040m |
| 17 | 2745 | 23.5 | +28 39 | 8.3 | *9.4* | K2 | 2 | .. | 38447i |
| 18 | 3324 | 23.5 | + 2 29 | 9.1 | *9.9* | G5 | 1 | .. | 14180b |
| 19 | 4526 | 23.5 | −16 31 | 8.7 | *8.6* | B5 | 6 | .. | 39404b |
| 20 | 12117 | 23.5 | −33 38 | 6.73 | 6.8 | B5 | 8 | .. | 40731b |
| 21 | 11631 | 23.5 | −37 38 | 8.7 | 8.5 | A2 | 5 | .. | 40426b |
| 22 | 11939 | 23.5 | −38 52 | 9.4 | 9.8 | Ko | 1 | 5,1 | 16748b |
| 23 | 12197 | 23.5 | −42 58 | 9.0 | 8.0 | B9 | 4 | .. | 19751b |
| 24 | 11797 | 23.5 | −44 53 | 11.6 | 10.5 | Ao | 2 | .. | 21873b |
| 25 | 11611 | 23.5 | −45 38 | 9.9 | 9.7 | Ao | 4 | .. | 17084b |
| 26 | 11595 | 23.5 | −47 11 | 10.6 | 10.1 | A2 | 3 | .. | 21873b |
| 27 | 11594 | 23.5 | −47 24 | 9.3 | 10.2 | K2 | 2 | .. | 21873b |
| 28 | 11777 | 23.5 | −48 45 | 10.3 | 10.1 | A2 | 5 | .. | 21873b |
| 29 | 2481 | 23.6 | +47 30 | 8.4 | *9.4* | Ko | 3 | .. | 38566i |
| 30 | 2535 | 23.6 | +45 5 | 9.47 | *10.47* | Ko | 4 | .. | 6040m |
| 31 | 2817 | 23.6 | +27 6 | 8.6 | *9.2* | G | 2 | .. | 37805i |
| 32 | 3023 | 23.6 | +26 53 | 8.0 | *8.8* | G5 | 4 | .. | 37805i |
| 33 | 3418 | 23.6 | + 3 41 | 8.4 | *9.2* | G5 | 2 | E | 37767i |
| 34 | 4501 | 23.6 | −10 43 | 9.2 | *9.6* | F5 | 5 | .. | 21435b |
| 35 | 4527 | 23.6 | −16 43 | 10.3 | *10.8* | F8 | 2 | .. | 39404b |
| 36 | 4540 | 23.6 | −18 35 | 9.0 | *9.0* | B9 | 4 | .. | 39404b |
| 37 | 4353 | 23.6 | −22 21 | 9.9 | 10.1 | F5 | 2 | .. | 38104b |
| 38 | 13211 | 23.6 | −28 37 | 9.2 | 9.3 | B9 | 2 | .. | 22826b |
| 39 | 11632 | 23.6 | −35 46 | 8.0 | 7.9 | Ao | 6 | .. | 40426b |
| 40 | 11537 | 23.6 | −40 45 | 8.2 | 8.9 | Ko | 3 | .. | 40426b |
| 41 | 11598 | 23.6 | −47 17 | 9.2 | 9.6 | G5 | 4 | .. | 21873b |
| 42 | 8664 | 23.6 | −53 21 | *9.9* | 9.9 | Ao | 2 | .. | 19961b |
| 43 | 8188 | 23.6 | −55 22 | *9.3* | 9.3 | B9 | 3 | .. | 19961b |
| 44 | 7053 | 23.6 | −59 23 | *9.3* | 10.3 | Ko | 1 | .. | 39301b |
| 45 | 3643 | 23.6 | −64 56 | *8.9* | 9.9 | Ko | 3 | .. | 39370b |
| 46 | 834 | 23.6 | −80 1 | *9.4* | 9.4 | Ao | 3 | .. | 43458b |
| 47 | 833 | 23.6 | −80 35 | *9.1* | 10.3 | K5 | 1 | .. | 43458b |
| 48 | 2974 | 23.7 | +34 44 | 8.5 | *8.5* | Ao | 4 | .. | 38779i |
| 49 | 3147 | 23.7 | +22 53 | 9.1 | *9.2* | A2 | 2 | .. | 38780i |
| 50 | 3378 | 23.7 | + 7 21 | 8.9 | *8.9* | Ao | 5 | .. | 18982b |
| 51 | 3326 | 23.7 | + 2 49 | 8.9 | *9.7* | G5 | 2 | .. | 14180b |
| 52 | 3697 | 23.7 | + 0 25 | 5.16 | *5.30* | A5 | 7 | .. | 1373b |
| 53 | 4629 | 23.7 | −13 28 | 9.2 | *9.3* | A5 | 2 | .. | 21435b |
| 54 | 4658 | 23.7 | −14 11 | 8.8 | *9.8* | Ko | 3 | .. | 21435b |
| 55 | 4354 | 23.7 | −22 53 | 10.5 | 10.7 | Ko | 1 | .. | 38104b |
| 56 | 13401 | 23.7 | −23 11 | 9.5 | 9.9 | Fo | 2 | .. | 38104b |
| 57 | 14121 | 23.7 | −31 57 | 10.7 | 10.0 | Ao | 1 | .. | 40731b |
| 58 | 12820 | 23.7 | −32 2 | 7.43 | 8.8 | K5 | 4 | .. | 40731b |
| 59 | 11730 | 23.7 | −34 23 | 9.0 | 9.7 | K2 | 2 | .. | 40731b |
| 60 | 11945 | 23.7 | −38 26 | 8.4 | 8.6 | F8 | 5 | .. | 40426b |
| 61 | 12205 | 23.7 | −42 6 | 9.1 | 8.6 | A2 | 6 | .. | 19751b |
| 62 | 12202 | 23.7 | −42 22 | 8.9 | 8.0 | Ao | 7 | .. | 19751b |
| 63 | 12203 | 23.7 | −42 41 | 9.7 | 9.3 | A2 | 2 | .. | 19751b |
| 64 | 11615 | 23.7 | −45 48 | 9.9 | 9.0 | Ao | 6 | .. | 21873b |
| 65 | 11779 | 23.7 | −48 8 | 11.0 | 10.3 | Ao | 3 | .. | 21873b |
| 66 | 11341 | 23.7 | −50 9 | 8.96 | 9.6 | F8 | 4 | .. | 19961b |
| 67 | 3121 | 23.7 | −66 59 | *8.6* | 9.4 | G5 | 2 | .. | 42525b |
| 68 | 2390 | 23.7 | −70 18 | *9.6* | 9.6 | A | 2 | .. | 21336b |
| 69 | 3224 | 23.8 | +12 47 | 8.5 | *8.8* | F2 | 2 | .. | 37827i |
| 70 | 3399 | 23.8 | + 9 49 | 8.72 | *9.22* | F8 | 3 | 2,2- | 18982b |
| 71 | 3430 | 23.8 | + 4 13 | 9.3 | *9.8* | F8 | 1 | .. | 14180b |
| 72 | 3420 | 23.8 | + 3 51 | 8.9 | *9.0* | A2 | 3 | E | 37767i |
| 73 | 4558 | 23.8 | − 9 54 | 7.81 | *8.15* | F2 | 7 | .. | 21435b |
| 74 | 4565 | 23.8 | −15 57 | 7.75 | *8.75* | Ko | 6 | .. | 39404b |
| 75 | 4820 | 23.8 | −17 16 | 11.2 | *11.3* | A2 | 1 | .. | 39404b |
| 76 | 4821 | 23.8 | −17 44 | 8.4 | *9.5* | K2 | 4 | .. | 39404b |
| 77 | 4644 | 23.8 | −19 24 | var. | var. | Nb | .. | R | M |
| 78 | 14296 | 23.8 | −30 10 | 8.74 | 8.9 | Ao | 4 | .. | 40731b |
| 79 | 14124 | 23.8 | −31 22 | 9.2 | 9.4 | F8 | 3 | .. | 40731b |
| 80 | 11947 | 23.8 | −38 18 | 10.4 | 9.8 | Go | 1 | .. | 16748b |
| 81 | 11541 | 23.8 | −40 48 | 9.0 | 8.7 | Fo | 3 | .. | 40426b |
| 82 | 11698 | 23.8 | −41 57 | 8.4 | 8.6 | Fo | 6 | .. | 19751b |
| 83 | 11616 | 23.8 | −45 39 | 9.3 | 9.4 | A3 | 5 | .. | 21873b |
| 84 | 11586 | 23.8 | −46 4 | 9.3 | 8.8 | A2 | 6 | .. | 17084b |
| 85 | 4122 | 23.8 | −63 59 | *9.1* | 9.9 | G5 | 1 | .. | 39370b |
| 86 | 543 | 23.9 | +80 16 | 8.7 | *8.8* | A2 | 1 | .. | 37240i |
| 87 | 2923 | 23.9 | +32 53 | 8.1 | *8.6* | F8 | 2 | .. | 38779i |
| 88 | 2993 | 23.9 | +30 29 | 8.9 | *9.3* | F5 | 2 | .. | 38447i |
| 89 | 4822 | 23.9 | −17 31 | 9.5 | *9.6* | A2 | 6 | .. | 39404b |
| 90 | 4823 | 23.9 | −17 33 | 9.9 | *10.7* | G5 | 2 | .. | 39404b |
| 91 | 4542 | 23.9 | −18 4 | 10.8 | *10.8* | Ao | 2 | .. | 39404b |
| 92 | 14128 | 23.9 | −31 3 | 11.2 | 10.0 | A2 | 1 | .. | 40731b |
| 93 | 12122 | 23.9 | −33 34 | 8.7 | 9.1 | Ko | 2 | .. | 40731b |
| 94 | 11732 | 23.9 | −34 27 | 7.8 | 8.9 | F5 | 4 | R | 40731b |
| 95 | | 23.9 | −34 27 | | | A5 | | | |
| 96 | 11805 | 23.9 | −44 33 | 10.3 | 9.7 | Ao | 3 | .. | 21873b |
| 97 | 11803 | 23.9 | −44 34 | 10.3 | 9.9 | Ao | 2 | .. | 21873b |
| 98 | 11603 | 23.9 | −47 4 | 9.7 | 10.1 | Ko | 3 | .. | 21873b |
| 99 | 10932 | 23.9 | −51 29 | 9.5 | 11.1 | Ao | 1 | .. | 19961b |
| 100 | 10933 | 23.9 | −51 48 | 9.0 | 9.2 | Ko | 4 | .. | 19961b |



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1922AnHar..97....1C



## 158400 — $17^h 23^m.9$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 5964 | 23.9 | −61 52 | *9.2* | 10.3 | K2 | 1 | .. | 39370b |
| 2 | 2709 | 24.0 | +44 36 | 9.8 | *10.8* | Ko | 2 | .. | 6040m |
| 3 | 2708 | 24.0 | +44 3 | 8.9 | *10.0* | K2 | 3 | .. | 6040m |
| 4 | 2979 | 24.0 | +35 48 | 7.7 | *7.8* | A3 | 4 | .. | 38779i |
| 5 | 3698 | 24.0 | + 0 7 | 8.9 | *8.9* | Ao | 5 | .. | 14180b |
| 6 | 4355 | 24.0 | −22 53 | 9.0 | 9.0 | Go | 5 | .. | 38104b |
| 7 | 13403 | 24.0 | −23 57 | 9.5 | 10.6 | G5 | 1 | .. | 38104b |
| 8 | 11638 | 24.0 | −37 13 | 2.80 | *2.63* | B3 | .. | R | **28**,212 |
| 9 | 11639 | 24.0 | −37 21 | 6.75 | 7.4 | Ao | 8 | .. | 40426b |
| 10 | 11544 | 24.0 | −40 35 | 8.0 | 8.4 | Ko | 4 | .. | 19751b |
| 11 | 11807 | 24.0 | −44 56 | 9.5 | 9.9 | F8 | 4 | .. | 21873b |
| 12 | 11604 | 24.0 | −47 27 | 10.3 | 9.9 | Go | 3 | .. | 21873b |
| 13 | 346 | 24.0 | −86 46 | var. | var. | Md | 4 | R | 22980b |
| 14 | 2517 | 24.1 | +48 21 | 5.81 | *5.87* | A2 | 9 | o,R | 38777i |
| 15 | 2848 | 24.1 | +42 19 | 8.22 | *9.00* | G5 | 2 | .. | 38566i |
| 16 | 2819 | 24.1 | +27 45 | 8.5 | *9.5* | Ko | 2 | .. | 38447i |
| 17 | 3488 | 24.1 | +20 3 | 8.70 | *9.26* | Go | 1 | .. | 38780i |
| 18 | 3216 | 24.1 | +10 37 | 7.90 | *7.96* | A2 | 8 | .. | 37827i |
| 19 | 3440 | 24.1 | + 1 2 | 8.19 | *8.17* | B9 | 7 | .. | 14180b |
| 20 | 4825 | 24.1 | −17 44 | 7.8 | *8.4* | Go | 9 | .. | 39404b |
| 21 | 13632 | 24.1 | −29 20 | 9.7 | 9.4 | A2 | 2 | .. | 22826b |
| 22 | 14133 | 24.1 | −31 58 | 7.5 | 7.3 | Ao | 8 | .. | 40731b |
| 23 | 11587 | 24.1 | −46 28 | 10.1 | 9.7 | A | 2 | .. | 21873b |
| 24 | 11588 | 24.1 | −46 29 | 9.9 | 9.4 | A | 2 | .. | 21873b |
| 25 | 11592 | 24.1 | −46 49 | 9.5 | 9.7 | Ao | 3 | .. | 21873b |
| 26 | 11785 | 24.1 | −48 40 | 7.9 | 7.9 | Fo | 6 | .. | 36507b |
| 27 | 11511 | 24.1 | −49 48 | 2.97 | *2.80* | B3p | .. | R | **28**,212 |
| 28 | 8192 | 24.1 | −55 32 | 9.0 | 10.2 | K2 | 1 | .. | 19961b |
| 29 | 8597 | 24.1 | −57 33 | 8.6 | 9.3 | K2 | 4 | .. | 39301b |
| 30 | 4123 | 24.1 | −63 37 | *9.8* | 9.9 | A2 | 1 | .. | 39370b |
| 31 | 3458 | 24.1 | −65 56 | *8.1* | 8.4 | F2 | 5 | .. | 42525b |
| 32 | 2071 | 24.1 | −72 14 | *8.0* | 8.1 | A2 | 6 | .. | 21336b |
| 33 | 1844 | 24.1 | −73 40 | *8.6* | 9.6 | Ko | 2 | .. | 21336b |
| 34 | 2484 | 24.2 | +47 1 | 9.6 | *10.6* | Ko | 2 | .. | 6040m |
| 35 | 3018 | 24.2 | +29 18 | 9.2 | *9.5* | F2 | 1 | .. | 38447i |
| 36 | 3188 | 24.2 | +24 9 | 8.9 | *9.3* | F5 | 2 | .. | 38780i |
| 37 | 3329 | 24.2 | + 2 46 | 8.9 | *9.9* | Ko | 2 | .. | 14180b |
| 38 | 3700 | 24.2 | + 0 1 | 9.33 | *10.40* | K2 | 1 | .. | 14180b |
| 39 | 4568 | 24.2 | −15 50 | 8.8 | *9.3* | F8 | 7 | .. | 39404b |
| 40 | 4567 | 24.2 | −15 56 | 8.8 | *8.8* | B8 | 8 | .. | 39404b |
| 41 | *4529* | 24.2 | −17 1 | 9.9 | *10.9* | Ko | 2 | .. | 39404b |
| 42 | 4826 | 24.2 | −17 51 | 11.0 | *11.1* | A2 | 2 | .. | 39404b |
| 43 | 12126 | 24.2 | −33 31 | 7.96 | 8.8 | F5 | 5 | .. | 40731b |
| 44 | 11596 | 24.2 | −46 45 | 11.6 | 10.2 | Ao | 2 | .. | 21873b |
| 45 | 11605 | 24.2 | −47 47 | 9.9 | 10.8 | K5 | 2 | .. | 21873b |
| 46 | 2313 | 24.3 | +46 22 | 8.2 | *8.8* | Go | 7 | 5,2 | 6040m |
| 47 | 2872 | 24.3 | +36 35 | 8.6 | *8.6* | Ao | 5 | .. | 38779i |
| 48 | 3383 | 24.3 | +18 16 | 8.3 | *8.3* | Ao | 3 | .. | 38780i |
| 49 | 3430 | 24.3 | + 6 14 | 7.9 | *8.9* | Ko | 5 | .. | 18982b |
| 50 | 4448 | 24.3 | − 7 56 | 8.0 | *8.1* | Ao | 7 | .. | 39416b |
| 51 | 4388 | 24.3 | −11 3 | 8.1 | *9.1* | Ko | 7 | .. | 21435b |
| 52 | 4661 | 24.3 | −14 7 | 9.9 | *10.7* | G5 | 3 | .. | 21435b |
| 53 | 4662 | 24.3 | −14 29 | 9.3 | *9.4* | A2 | 4 | .. | 21435b |
| 54 | 14134 | 24.3 | −31 16 | 10.2 | 9.7 | Ao | 2 | .. | 40731b |
| 55 | 11542 | 24.3 | −39 53 | 8.44 | 8.4 | Go | 5 | .. | 40426b |
| 56 | 11625 | 24.3 | −45 27 | 8.7 | 8.7 | Fo | 8 | .. | 21873b |
| 57 | 11345 | 24.3 | −50 40 | 10.3 | 10.1 | Ao | 1 | .. | 19961b |
| 58 | 1138 | 24.3 | −78 35 | *9.5* | 9.8 | Fo | 1 | .. | 19008b |
| 59 | 913 | 24.4 | +69 53 | 8.64 | *9.64* | Ko | 1 | .. | 38095i |
| 60 | 1754 | 24.4 | +60 7 | 5.66 | *5.72* | A2 | .. | .. | **56**,94 |
| 61 | 3402 | 24.4 | + 9 19 | 10.5 | *10.5* | Ao | 3 | .. | 18982b |
| 62 | 3296 | 24.4 | − 0 4 | 7.88 | *8.16* | Fo | 8 | .. | 14180b |
| 63 | 4450 | 24.4 | − 5 50 | 6.42 | *7.20* | G5 | 9 | .. | 39416b |
| 64 | *4561* | 24.4 | −10 2 | 10.3 | *10.9* | Go | 1 | .. | 21435b |
| 65 | 4569 | 24.4 | −15 33 | 9.3 | *10.3* | Ko | 3 | .. | 39404b |
| 66 | 11692 | 24.4 | −27 7 | 8.1 | 9.0 | F8 | 5 | .. | 22826b |
| 67 | 11645 | 24.4 | −35 49 | 8.4 | 9.7 | Ma | 3 | .. | 40426b |
| 68 | 11954 | 24.4 | −38 56 | 7.23 | 7.7 | F8 | 7 | .. | 40426b |
| 69 | 11544 | 24.4 | −39 5 | 7.73 | 7.7 | F8 | 6 | .. | 40426b |
| 70 | 11713 | 24.4 | −41 51 | 8.4 | 9.2 | Ko | 2 | .. | 19751b |
| 71 | 11715 | 24.4 | −41 56 | 8.7 | 8.6 | Ao | 5 | .. | 19751b |
| 72 | 12217 | 24.4 | −42 20 | 9.5 | 9.2 | Ao | 2 | .. | 19751b |
| 73 | 11784 | 24.4 | −43 33 | 10.6 | 9.6 | Ao | 3 | .. | 21873b |
| 74 | 11812 | 24.4 | −44 14 | 9.9 | 9.1 | Ao | 3 | .. | 21873b |
| 75 | 11813 | 24.4 | −44 53 | 11.6 | 9.9 | B9 | 3 | .. | 21873b |
| 76 | 11626 | 24.4 | −45 57 | 6.31 | 7.1 | Go | .. | o,10 | **56**,140 |
| 77 | 11791 | 24.4 | −48 27 | 10.6 | 10.3 | A2 | 2 | .. | 21873b |
| 78 | 11348 | 24.4 | −50 14 | 9.7 | 9.6 | B8 | 3 | .. | 19961b |
| 79 | 11346 | 24.4 | −50 59 | 8.5 | 9.5 | Mb | 6 | R | 37596b |
| 80 | | 24.4 | −50 59 | | | A2 | | | |
| 81 | 10689 | 24.4 | −52 21 | 8.9 | 9.9 | K2 | 2 | .. | 19961b |
| 82 | 6857 | 24.4 | −60 8 | 9.1 | 9.5 | Ko | 3 | .. | 39370b |
| 83 | 5968 | 24.4 | −61 33 | *9.4* | 9.5 | A3 | 3 | .. | 39370b |
| 84 | 3460 | 24.4 | −65 49 | *9.8* | 9.9 | A3 | 2 | .. | 39370b |
| 85 | 1731 | 24.5 | +58 44 | 6.52 | *6.58* | A2 | 9 | .. | 37802i |
| 86 | *2485* | 24.5 | +46 58 | 9.3 | *10.3* | Ko | 3 | .. | 6040m |
| 87 | 2536 | 24.5 | +45 52 | 9.0 | *10.0* | Ko | 4 | .. | 6040m |
| 88 | 2997 | 24.5 | +30 20 | 8.2 | *8.2* | Ao | 5 | .. | 38447i |
| 89 | 3025 | 24.5 | +29 56 | 8.41 | *8.41* | Ao | 4 | o,2 | 38447i |
| 90 | *3187* | 24.5 | +10 59 | 7.50 | *7.50* | Ao | 5 | .. | 37827i |
| 91 | 3425 | 24.5 | + 8 16 | 8.9 | *9.9* | Ko | 3 | .. | 18982b |
| 92 | 3382 | 24.5 | + 7 47 | 7.9 | *8.9* | Ko | 6 | .. | 18982b |
| 93 | 3423 | 24.5 | + 3 6 | 8.1 | *8.1* | Ao | 4 | E | 37767i |
| 94 | 4447 | 24.5 | − 8 20 | 8.6 | *9.1* | F8 | 5 | .. | 39416b |
| 95 | 13641 | 24.5 | −29 33 | 9.7 | 9.4 | Ao | 2 | o,1 | 22826b |
| 96 | 11647 | 24.5 | −37 5 | 9.4 | 9.4 | Ao | 4 | .. | 16748b |
| 97 | 11814 | 24.5 | −44 14 | 10.1 | 9.4 | Ao | 3 | .. | 21873b |
| 98 | 11631 | 24.5 | −45 54 | 9.7 | 9.4 | Ao | 4 | .. | 21873b |
| 99 | *11628* | 24.5 | −46 0 | 7.1 | 8.7 | K2 | 7 | .. | 21873b |
| 100 | 11599 | 24.5 | −46 22 | 11.6 | 10.2 | Ao | 2 | .. | 21873b |



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## 158500 — 17h 24m.5

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 10692 | 24.5 | −52 59 | 8.7 | 9.2 | Ao | 4 | .. | 19961b |
| 2 | 8603 | 24.5 | −57 5 | *9.7* | 9.7 | Ao | 3 | .. | 39301b |
| 3 | 7170 | 24.5 | −58 29 | 8.3 | 7.5 | B8 | 7 | .. | 39301b |
| 4 | 7059 | 24.5 | −59 29 | *9.3* | 10.5 | K5 | 1 | .. | 39301b |
| 5 | 3151 | 24.6 | +40 21 | 8.12 | *9.19* | K2 | 3 | 2,1 | 38779i |
| 6 | 3026 | 24.6 | +29 56 | 8.71 | *9.21* | F8 | 1 | .. | 38447i |
| 7 | 2749 | 24.6 | +28 25 | 8.9 | *9.7* | G5 | 2 | .. | 38447i |
| 8 | 3385 | 24.6 | +18 13 | 8.6 | *8.7* | A2 | 3 | .. | 38780i |
| 9 | 3443 | 24.6 | + 1 38 | 7.9 | *7.9* | B9 | 7 | .. | 14180b |
| 10 | 4602 | 24.6 | − 6 50 | 9.0 | *10.0* | Ko | 3 | .. | 39416b |
| 11 | 4828 | 24.6 | −17 23 | 9.5 | *10.5* | Ko | 3 | .. | 39404b |
| 12 | 4625 | 24.6 | −21 52 | 10.3 | 11.3 | K5 | 1 | .. | 38104b |
| 13 | 13234 | 24.6 | −28 19 | 9.5 | 9.3 | B8 | 3 | .. | 22826b |
| 14 | 13231 | 24.6 | −28 58 | 9.7 | 9.3 | F5 | 2 | .. | 22826b |
| 15 | 11551 | 24.6 | −40 58 | 8.7 | 8.9 | Ao | 5 | .. | 40426b |
| 16 | 11720 | 24.6 | −41 37 | 9.4 | 9.2 | Ao | 2 | .. | 19751b |
| 17 | 8195 | 24.6 | −55 31 | *9.6* | 9.6 | Ao | 2 | .. | 19961b |
| 18 | 2738 | 24.6 | −69 41 | *9.0* | 10.0 | Ko | 2 | .. | 42525b |
| 19 | *2058* | 24.7 | +51 58 | 8.3 | *9.5* | K5 | 2 | .. | 38778i |
| 20 | .. | 24.7 | +45 57 | .. | .. | Ko | 1 | .. | 6040m |
| 21 | 3027 | 24.7 | +26 49 | 8.2 | *8.8* | Go | 3 | .. | 37805i |
| 22 | 3252 | 24.7 | +17 33 | 8.5 | *8.5* | Ao | 3 | .. | 38780i |
| 23 | 3345 | 24.7 | − 1 14 | 8.5 | *8.8* | F2 | 5 | .. | 39468b |
| 24 | 4390 | 24.7 | −11 32 | 8.8 | *10.2* | Ma | 2 | .. | 21435b |
| 25 | 4572 | 24.7 | −15 33 | 7.52 | *8.52* | Ko | 7 | .. | 39404b |
| 26 | *4547* | 24.7 | −19 2 | 8.2 | 8.9 | F5 | 4 | .. | 39404b |
| 27 | 13409 | 24.7 | −23 46 | 7.36 | 7.8 | Fo | 8 | .. | 38104b |
| 28 | 12134 | 24.7 | −33 16 | 8.5 | 8.2 | A5 | 5 | .. | 40731b |
| 29 | 11594 | 24.7 | −36 39 | 8.4 | 8.8 | Fo | 4 | .. | 40426b |
| 30 | 11962 | 24.7 | −38 33 | 7.6 | 7.8 | Ao | 7 | .. | 40426b |
| 31 | 11553 | 24.7 | −40 57 | 7.46 | 7.3 | B9 | 7 | .. | 40426b |
| 32 | 11609 | 24.7 | −47 25 | 10.1 | 9.3 | Ao | 5 | .. | 21873b |
| 33 | 11611 | 24.7 | −47 48 | 10.6 | 10.8 | G5 | 2 | .. | 21873b |
| 34 | *11517* | 24.7 | −50 1 | 9.7 | 9.2 | Ao | 4 | .. | 19961b |
| 35 | 11350 | 24.7 | −50 51 | 11.6 | 9.8 | B9 | 2 | .. | 19961b |
| 36 | 1636 | 24.7 | −74 9 | *8.9* | 9.0 | A2 | 4 | .. | 21336b |
| 37 | 841 | 24.8 | +71 58 | 7.05 | *8.40* | Mb | 4 | .. | 38095i |
| 38 | 3188 | 24.8 | +11 48 | 8.5 | *9.7* | K5 | 1 | .. | 37827i |
| 39 | 3427 | 24.8 | + 8 22 | 9.1 | *9.9* | G5 | 3 | .. | 18982b |
| 40 | 3384 | 24.8 | + 7 36 | 9.3 | *9.7* | F5 | 2 | .. | 18982b |
| 41 | 4503 | 24.8 | −10 16 | 10.1 | *10.9* | G5 | 3 | .. | 21435b |
| 42 | 4829 | 24.8 | −17 48 | 9.2 | *9.6* | F5 | 4 | .. | 39404b |
| 43 | 4645 | 24.8 | −19 28 | 8.2 | 9.2 | A3 | 4 | .. | 39404b |
| 44 | 12846 | 24.8 | −32 15 | 9.3 | 9.4 | A2 | 3 | .. | 40731b |
| 45 | 11968 | 24.8 | −38 16 | 10.0 | 8.9 | Ao | 3 | .. | 40426b |
| 46 | 12224 | 24.8 | −42 23 | 9.3 | 9.0 | Ao | 3 | .. | 19751b |
| 47 | 11821 | 24.8 | −44 14 | 9.7 | 8.5 | Ao | 4 | .. | 21873b |
| 48 | 11638 | 24.8 | −45 46 | 9.7 | 8.8 | B9 | 7 | .. | 21873b |
| 49 | 11798 | 24.8 | −48 34 | 11.6 | 10.4 | Ao | 2 | .. | 21873b |
| 50 | 8314 | 24.8 | −56 12 | 7.7 | 7.8 | Ao | 8 | .. | 19961b |
| 51 | 5969 | 24.8 | −61 27 | 7.4 | 9.1 | K5 | 2 | .. | 13775b |
| 52 | 3462 | 24.8 | −65 34 | *9.0* | 9.6 | Go | 2 | .. | 39370b |
| 53 | 2641 | 24.9 | +49 50 | 8.67 | *8.75* | A3 | 3 | .. | 38778i |
| 54 | 2737 | 24.9 | +43 20 | 9.8 | *10.6* | G5 | 1 | .. | 6040m |
| 55 | 3028 | 24.9 | +26 18 | 8.7 | *9.3* | G | 2 | .. | 37805i |
| 56 | 3407 | 24.9 | + 5 36 | 9.0 | *10.1* | K2 | 2 | .. | 14180b |
| 57 | 3298 | 24.9 | − 0 56 | 9.1 | *9.4* | F2 | 3 | .. | 39468b |
| 58 | 3346 | 24.9 | − 1 55 | 8.87 | *9.87* | Ko | 3 | .. | 39468b |
| 59 | 4448 | 24.9 | − 8 47 | 8.7 | *8.7* | Ao | 4 | .. | 39416b |
| 60 | 4504 | 24.9 | −10 51 | 10.1 | *10.1* | Ao | 4 | .. | 21435b |
| 61 | 4665 | 24.9 | −14 41 | 8.2 | *8.3* | A5 | 7 | .. | 21435b |
| 62 | *13651* | 24.9 | −30 1 | 9.12 | 9.2 | K2 | 1 | .. | 40731b |
| 63 | 14155 | 24.9 | −31 53 | 8.1 | 7.9 | B8 | 7 | .. | 40731b |
| 64 | *11653* | 24.9 | −36 0 | 8.8 | 9.8 | K5 | 1 | .. | 40426b |
| 65 | 11973 | 24.9 | −38 39 | 9.0 | 9.2 | G5 | 3 | .. | 16748b |
| 66 | 11555 | 24.9 | −39 23 | 9.6 | 9.8 | A2 | 1 | .. | 40426b |
| 67 | 11355 | 24.9 | −50 19 | 9.9 | 9.5 | B8 | 5 | .. | 19961b |
| 68 | 8378 | 24.9 | −54 33 | 8.7 | 10.2 | K2 | 1 | .. | 19961b |
| 69 | 1813 | 25.0 | +59 8 | 8.4 | *9.4* | Ko | 3 | .. | 37802i |
| 70 | 2314 | 25.0 | +46 30 | 9.0 | *9.3* | Fo | 7 | 2,1 | 6040m |
| 71 | 2738 | 25.0 | +43 54 | 9.6 | *10.2* | Go | 3 | .. | 6040m |
| 72 | 3123 | 25.0 | +23 20 | 8.8 | *8.9* | A2 | 1 | .. | 38780i |
| 73 | 3150 | 25.0 | +22 13 | 8.1 | *8.9* | G5 | 4 | .. | 38780i |
| 74 | 3189 | 25.0 | +11 46 | 9.1 | *9.4* | F | 1 | R | 37827i |
| 75 | 3219 | 25.0 | +10 27 | 8.5 | *9.5* | Ko | 1 | .. | 11305b |
| 76 | 4290 | 25.0 | − 4 17 | 6.64 | *6.92* | Fo | 9 | .. | 39468b |
| 77 | *4562* | 25.0 | −10 1 | 8.16 | *8.94* | G5 | 6 | .. | 21435b |
| 78 | 4634 | 25.0 | −13 16 | 9.9 | *9.9* | Ao | 3 | .. | 21435b |
| 79 | 4667 | 25.0 | −14 20 | 8.8 | *9.9* | K2 | 3 | .. | 21435b |
| 80 | 4535 | 25.0 | −16 36 | 10.8 | *10.8* | Ao | 2 | .. | 39404b |
| 81 | 13410 | 25.0 | −23 6 | 9.0 | 8.9 | B8 | 6 | .. | 38104b |
| 82 | 11700 | 25.0 | −27 59 | 9.2 | 9.6 | A3 | 2 | .. | 22826b |
| 83 | 12146 | 25.0 | −33 24 | 9.4 | 9.7 | F8 | 2 | .. | 40731b |
| 84 | 11826 | 25.0 | −44 18 | 9.7 | 8.8 | B8 | 5 | .. | 21873b |
| 85 | 11604 | 25.0 | −46 33 | 9.1 | 9.0 | Go | 6 | .. | 21873b |
| 86 | 10949 | 25.0 | −51 1 | 8.4 | 9.0 | G5 | 7 | .. | 19961b |
| 87 | 8672 | 25.0 | −53 40 | *9.2* | 9.7 | F8 | 2 | .. | 19961b |
| 88 | 8607 | 25.0 | −57 23 | *9.7* | 9.7 | Ao | 2 | .. | 39301b |
| 89 | 2713 | 25.1 | +44 27 | 9.8 | *10.8* | Ko | 1 | .. | 6040m |
| 90 | 2854 | 25.1 | +42 57 | 8.6 | *9.2* | Go | 1 | .. | 38566i |
| 91 | 3701 | 25.1 | + 0 10 | 8.5 | *9.3* | G5 | 3 | .. | 14180b |
| 92 | 4576 | 25.1 | −15 21 | 9.0 | *9.1* | A2 | 7 | .. | 39404b |
| 93 | 4575 | 25.1 | −15 54 | 9.2 | *9.5* | Fo | 5 | .. | 39404b |
| 94 | 4536 | 25.1 | −16 5 | 10.1 | *10.1* | Ao | 3 | .. | 39404b |
| 95 | 4831 | 25.1 | −17 17 | 8.6 | *9.1* | F8 | 7 | .. | 39404b |
| 96 | 4626 | 25.1 | −21 23 | 8.6 | 9.0 | B9 | 7 | .. | 38104b |
| 97 | 13411 | 25.1 | −23 34 | 8.1 | 9.8 | K5 | 2 | .. | 38104b |
| 98 | 14163 | 25.1 | −31 24 | 9.5 | 9.1 | Ao | 3 | .. | 40731b |
| 99 | 12854 | 25.1 | −32 27 | 9.8 | 9.4 | Ao | 2 | .. | 40731b |
| 100 | 11653 | 25.1 | −37 17 | 9.6 | 9.7 | Ao | 4 | .. | 16748b |



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1922AnHar..97....1C



## 158600 — $17^h\ 25^m.1$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11654 | 25.1 | −37 35 | 8.4 | 8.5 | B8 | 5 | .. | 40426b |
| 2 | 11558 | 25.1 | −40 26 | 9.8 | 9.5 | F5 | 2 | 0,1 | 40426b |
| 3 | 11804 | 25.1 | −48 18 | 9.5 | 9.3 | B8 | 6 | .. | 21873b |
| 4 | 11805 | 25.1 | −48 31 | 9.7 | 9.5 | Ao | 6 | .. | 21873b |
| 5 | 11357 | 25.1 | −50 35 | 8.0 | 9.5 | K5 | 3 | .. | 19961b |
| 6 | 1637 | 25.1 | −74 50 | 7.48 | 7.0 | Ao | 8 | .. | 42633b |
| 7 | 2316 | 25.2 | +46 22 | 10.3 | *10.9* | G | 2 | .. | 6040m |
| 8 | 2315 | 25.2 | +46 7 | 9.8 | *9.9* | A2 | 4 | .. | 6040m |
| 9 | 2714 | 25.2 | +44 44 | 10.0 | *10.5* | F8 | 1 | .. | 6040m |
| 10 | 3027 | 25.2 | +29 7 | 9.1 | *9.9* | G5 | 1 | .. | 38447i |
| 11 | 3493 | 25.2 | +20 37 | 9.1 | *9.9* | G5 | 2 | .. | 38780i |
| 12 | 3231 | 25.2 | +12 0 | 8.5 | *8.9* | F5 | 2 | .. | 37827i |
| 13 | 3385 | 25.2 | + 7 50 | 9.1 | *9.5* | F5 | 3 | .. | 18982b |
| 14 | 3300 | 25.2 | − 0 58 | 5.34 | *6.12* | G5 | .. | 0,10 | 56,140 |
| 15 | *4453* | 25.2 | − 6 0 | 9.0 | *10.1* | K2 | 2 | .. | 39416b |
| 16 | 4391 | 25.2 | −11 17 | 9.9 | *10.4* | F8 | 3 | .. | 21435b |
| 17 | 4537 | 25.2 | −16 5 | 9.9 | *9.9* | Ao | 4 | .. | 39404b |
| 18 | 14333 | 25.2 | −30 10 | 7.94 | 8.2 | B5 | 5 | .. | 40731b |
| 19 | 12149 | 25.2 | −33 37 | 6.50 | 7.5 | Ko | 8 | .. | 40731b |
| 20 | 11746 | 25.2 | −34 3 | 10.2 | 9.7 | A3 | 3 | .. | 40731b |
| 21 | 11977 | 25.2 | −38 31 | 10.7 | 9.8 | Ao | 3 | .. | 16748b |
| 22 | 11560 | 25.2 | −40 22 | 9.4 | 9.3 | Ao | 3 | 0,2 | 40426b |
| 23 | 12232 | 25.2 | −42 6 | 8.3 | 8.1 | Ao | 7 | .. | 19751b |
| 24 | 11643 | 25.2 | −45 50 | 11.6 | 10.1 | B9 | 2 | .. | 21873b |
| 25 | 11606 | 25.2 | −46 48 | 11.0 | 9.6 | Ao | 4 | .. | 21873b |
| 26 | 11617 | 25.2 | −47 29 | 9.3 | 9.0 | B8 | 7 | .. | 21873b |
| 27 | 11807 | 25.2 | −48 25 | 9.5 | 9.6 | A2 | 6 | .. | 21873b |
| 28 | 11358 | 25.2 | −50 55 | 7.9 | 9.2 | K2 | 5 | .. | 19961b |
| 29 | 8318 | 25.2 | −56 21 | 8.3 | 9.3 | K2 | 3 | .. | 39301b |
| 30 | 7063 | 25.2 | −59 41 | 7.71 | 8.2 | Go | 6 | 5,5 | 39301b |
| 31 | 2922 | 25.2 | −68 15 | *8.2* | 9.0 | G5 | 3 | .. | 42525b |
| 32 | 1638 | 25.2 | −74 23 | *9.5* | 9.6 | A3 | 2 | .. | 21336b |
| 33 | 1014 | 25.3 | +67 24 | 6.31 | *7.31* | Ko | 7 | .. | 38095i |
| 34 | 2717 | 25.3 | +44 54 | 9.6 | *9.6* | Ao | 4 | .. | 6040m |
| 35 | 2715 | 25.3 | +44 6 | 9.3 | *9.4* | A5 | 4 | .. | 6040m |
| 36 | 2716 | 25.3 | +44 2 | 9.3 | *9.8* | F8 | 3 | .. | 6040m |
| 37 | 3040 | 25.3 | +31 44 | 8.7 | *8.8* | A3 | 1 | .. | 38447i |
| 38 | 3028 | 25.3 | +29 30 | 9.3 | *9.4* | A3 | 2 | .. | 38447i |
| 39 | 2822 | 25.3 | +27 58 | 8.0 | *8.1* | A2 | 5 | .. | 38447i |
| 40 | 3328 | 25.3 | +19 49 | 8.55 | *9.33* | G5 | 1 | .. | 38780i |
| 41 | 4454 | 25.3 | − 5 15 | 8.8 | *9.8* | Ko | 3 | .. | 39416b |
| 42 | 4451 | 25.3 | − 7 47 | 9.5 | *10.3* | G5 | 1 | .. | 39416b |
| 43 | 134I2 | 25.3 | −23 53 | 4.89 | *4.89* | Ao | .. | R | 28,212 |
| 44 | 12855 | 25.3 | −32 48 | 8.7 | 8.5 | B5 | 4 | .. | 40731b |
| 45 | 11562 | 25.3 | −40 11 | 10.0 | 9.3 | A2 | 3 | 2,3 | 40426b |
| 46 | 11835 | 25.3 | −44 15 | 11.6 | 9.6 | Ao | 4 | .. | 21873b |
| 47 | 11808 | 25.3 | −48 43 | 11.0 | 9.9 | Ao | 6 | .. | 21873b |
| 48 | 8200 | 25.3 | −55 24 | *9.3* | 9.3 | Ao | 3 | .. | 19961b |
| 49 | 8319 | 25.3 | −56 47 | 9.0 | 9.9 | Ko | 1 | .. | 39301b |
| 50 | 3123 | 25.3 | −66 49 | *9.3* | 9.3 | A | 2 | .. | 42525b |
| 51 | 560 | 25.3 | −84 4 | 7.78 | 8.5 | G5 | 5 | .. | 14161b |
| 52 | 1549 | 25.4 | +62 6 | 9.3 | *9.6* | F2 | 2 | .. | 38505i |
| 53 | 1766 | 25.4 | +57 55 | 8.7 | *9.3* | Go | 3 | .. | 38015i |
| 54 | 2900 | 25.4 | +33 50 | 7.8 | *8.1* | F2 | 4 | .. | 38779i |
| 55 | 2757 | 25.4 | +28 54 | 8.6 | *8.6* | Ao | 3 | .. | 38447i |
| 56 | 3197 | 25.4 | +16 4 | 7.6 | *8.0* | F5 | 3 | .. | 37827i |
| 57 | 4450 | 25.4 | − 8 12 | 9.3 | *10.1* | G5 | 1 | .. | 39416b |
| 58 | 4506 | 25.4 | −10 49 | 10.1 | *11.1* | Ko | 1 | .. | 21435b |
| 59 | 4393 | 25.4 | −11 6 | 10.3 | *10.2* | B5 | 3 | .. | 21435b |
| 60 | 4392 | 25.4 | −11 42 | 10.3 | *10.9* | Go | 3 | .. | 21435b |
| 61 | 4834 | 25.4 | −17 3 | 8.2 | *8.0* | Bo | 7 | .. | 39404b |
| 62 | 4360 | 25.4 | −22 12 | 9.2 | 10.4 | K2 | 3 | .. | 38104b |
| 63 | 14170 | 25.4 | −31 25 | 9.5 | 9.9 | Go | 2 | .. | 40731b |
| 64 | 11614 | 25.4 | −36 5 | 8.7 | 9.1 | A2 | 3 | .. | 40426b |
| 65 | 11800 | 25.4 | −43 12 | 9.1 | 9.9 | Ko | 3 | .. | 21873b |
| 66 | 11644 | 25.4 | −45 41 | 9.1 | 9.9 | K2 | 3 | .. | 21873b |
| 67 | 11609 | 25.4 | −46 11 | 8.3 | 8.8 | Ko | 6 | .. | 21873b |
| 68 | 11525 | 25.4 | −49 35 | 9.7 | 9.8 | F8 | 1 | .. | 19961b |
| 69 | 11359 | 25.4 | −50 29 | 8.6 | 9.0 | Fo | 6 | .. | 19961b |
| 70 | 1846 | 25.4 | −73 18 | *8.9* | 9.4 | F8 | 2 | .. | 21336b |
| 71 | 2318 | 25.5 | +46 9 | 8.2 | *8.5* | F2 | 4 | 2,8 | 38566i |
| 72 | 3156 | 25.5 | +22 23 | 8.8 | *9.9* | K2 | 1 | .. | 38780i |
| 73 | 3261 | 25.5 | +14 31 | 8.5 | *9.3* | G5 | 1 | .. | 37827i |
| 74 | 4375 | 25.5 | − 2 37 | 8.88 | *8.94* | A2 | 4 | .. | 39468b |
| 75 | 4452 | 25.5 | − 7 52 | 8.2 | *8.5* | F2 | 7 | .. | 39416b |
| 76 | 4636 | 25.5 | −13 4 | 10.8 | *10.9* | A2 | 1 | .. | 21435b |
| 77 | 4670 | 25.5 | −14 17 | 9.2 | *9.2* | Ao | 5 | .. | 21435b |
| 78 | 4538 | 25.5 | −16 40 | 10.5 | *10.6* | A5 | 2 | .. | 39404b |
| 79 | 4784 | 25.5 | −20 48 | 9.2 | 9.8 | G5 | 3 | .. | 38104b |
| 80 | 4628 | 25.5 | −21 29 | 9.2 | 9.8 | G5 | 4 | .. | 38104b |
| 81 | 14346 | 25.5 | −30 19 | 8.5 | 8.2 | B8 | 6 | .. | 40731b |
| 82 | 14174 | 25.5 | −31 45 | 7.9 | 8.0 | B8 | 6 | .. | 40731b |
| 83 | 11980 | 25.5 | −38 35 | 9.0 | 8.9 | B9 | 4 | .. | 40426b |
| 84 | 11732 | 25.5 | −41 13 | 8.4 | 8.6 | Ao | 3 | .. | 19751b |
| 85 | 11733 | 25.5 | −41 23 | 9.0 | 9.6 | Go | 2 | .. | 40426b |
| 86 | 11840 | 25.5 | −44 57 | 9.05 | 8.7 | B8 | 7 | .. | 21873b |
| 87 | 11810 | 25.5 | −48 43 | 9.9 | 9.9 | Go | 5 | .. | 21873b |
| 88 | 10955 | 25.5 | −51 17 | 9.9 | 9.9 | Ko | 1 | .. | 19961b |
| 89 | 8381 | 25.5 | −54 39 | *9.3* | 9.3 | Ao | 2 | .. | 19961b |
| 90 | 7176 | 25.5 | −58 27 | 8.8 | 8.9 | A2 | 3 | .. | 39301b |
| 91 | 559 | 25.5 | −84 53 | *9.8* | 9.9 | A3 | 3 | .. | 43458b |
| 92 | 710 | 25.6 | +74 45 | 7.42 | *7.50* | A3 | 4 | .. | 38095i |
| 93 | 2839 | 25.6 | +41 29 | 8.03 | *9.21* | K5 | 1 | .. | 38566i |
| 94 | 2824 | 25.6 | +27 35 | 8.5 | *9.0* | F8 | 3 | .. | 38447i |
| 95 | 3334 | 25.6 | + 2 6 | 9.1 | *9.5* | F5 | 2 | .. | 14180b |
| 96 | 3703 | 25.6 | + 0 41 | 9.1 | *9.6* | F8 | 3 | .. | 14180b |
| 97 | 4116 | 25.6 | − 3 50 | 8.6 | *9.1* | F8 | 4 | .. | 39468b |
| 98 | 4455 | 25.6 | − 5 33 | 9.9 | *9.9* | Ao | 3 | .. | 39416b |
| 99 | 4394 | 25.6 | −11 16 | 9.3 | *10.4* | K2 | 3 | .. | 21435b |
| 100 | *4835* | 25.6 | −18 0 | 9.5 | *10.3* | G5 | 2 | .. | 39404b |



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1922AnHar..97....1C



## 158700 — 17h 25m.6

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4632 | 25.6 | −21 8 | 10.3 | 10.6 | Ko | 2 | .. | 38104b |
| 2 | 4631 | 25.6 | −21 58 | 10.3 | 10.4 | B9 | 2 | .. | 38104b |
| 3 | 13413 | 25.6 | −23 29 | 10.0 | 10.7 | K2 | 1 | .. | 38104b |
| 4 | 12152 | 25.6 | −26 11 | 6.01 | 5.9 | B9 | 5 | 1,7 | 4829b |
| 5 | 14178 | 25.6 | −31 28 | 7.81 | 8.5 | Bo | 5 | R | 40731b |
| 6 | 12861 | 25.6 | −32 4 | 10.0 | 9.1 | A2 | 2 | .. | 40731b |
| 7 | 11617 | 25.6 | −36 5 | 9.6 | 9.4 | A3 | 2 | .. | 40426b |
| 8 | 12237 | 25.6 | −42 17 | 8.9 | 8.3 | B8 | 6 | .. | 19751b |
| 9 | 11646 | 25.6 | −45 17 | 10.3 | 10.2 | A3 | 3 | .. | 21873b |
| 10 | 11648 | 25.6 | −45 24 | 9.5 | 10.2 | Ko | 2 | .. | 21873b |
| 11 | 11647 | 25.6 | −45 37 | 10.1 | 10.1 | F8 | 2 | .. | 21873b |
| 12 | 11621 | 25.6 | −47 55 | 10.3 | 9.7 | Ao | 4 | .. | 21873b |
| 13 | 2320 | 25.7 | +46 2 | 9.2 | *10.0* | G5 | 4 | .. | 6040m |
| 14 | 2537 | 25.7 | +45 54 | 9.6 | *10.6* | Ko | 1 | .. | 6040m |
| 15 | 3141 | 25.7 | +39 43 | 8.7 | *9.5* | G5 | 1 | .. | 38779i |
| 16 | 3234 | 25.7 | +12 1 | 6.40 | *6.40* | Ao | 10 | .. | 37827i |
| 17 | 3222 | 25.7 | +10 51 | 7.14 | *8.14* | Ko | 4 | .. | 37827i |
| 18 | 3335 | 25.7 | + 2 25 | 8.9 | *9.7* | G5 | 2 | .. | 14180b |
| 19 | 4507 | 25.7 | −10 53 | 7.8 | *8.2* | F5 | 10 | .. | 21435b |
| 20 | 4836 | 25.7 | −17 14 | 10.9 | *11.4* | F8 | 1 | .. | 39404b |
| 21 | *4361* | 25.7 | −23 0 | 9.9 | 9.8 | A3 | 3 | .. | 38104b |
| 22 | 13259 | 25.7 | −28 1 | 9.0 | 9.3 | Go | 3 | .. | 22826b |
| 23 | 12866 | 25.7 | −32 12 | 8.7 | 8.8 | F8 | 3 | .. | 40731b |
| 24 | 11620 | 25.7 | −36 37 | 8.4 | 8.5 | B5 | 5 | .. | 40426b |
| 25 | 11804 | 25.7 | −43 37 | 11.6 | 10.1 | Ao | 2 | .. | 21873b |
| 26 | 11845 | 25.7 | −44 56 | 11.0 | 10.1 | B9 | 3 | .. | 21873b |
| 27 | 11614 | 25.7 | −46 26 | 11.0 | 10.2 | Ao | 3 | .. | 21873b |
| 28 | 11812 | 25.7 | −48 53 | 11.6 | 10.3 | F5 | 3 | .. | 21873b |
| 29 | 6866 | 25.7 | −60 23 | *9.0* | 10.0 | Ko | 2 | .. | 39370b |
| 30 | 5627 | 25.7 | −62 2 | *7.4* | 7.5 | A5 | 8 | .. | 13775b |
| 31 | 540 | 25.8 | +79 25 | 7.28 | *7.42* | A5 | 6 | .. | 37240i |
| 32 | 1881 | 25.8 | +54 26 | 8.7 | *8.7* | Ao | 3 | 0,2 | 38778i |
| 33 | 2718 | 25.8 | +44 20 | 9.5 | *9.8* | Fo | 4 | .. | 6040m |
| 34 | 2929 | 25.8 | +32 47 | 8.3 | *8.7* | F5 | 2 | .. | 38779i |
| 35 | 3426 | 25.8 | + 3 54 | 9.1 | *9.7* | Go | 2 | .. | 14180b |
| 36 | 3448 | 25.8 | + 1 40 | 8.1 | *8.6* | F8 | 7 | .. | 14180b |
| 37 | 3449 | 25.8 | + 1 13 | 7.06 | *7.34* | Fo | 10 | .. | 14180b |
| 38 | 4377 | 25.8 | − 2 45 | 7.20 | *8.20* | Ko | 6 | .. | 39468b |
| 39 | 4765 | 25.8 | −12 56 | 9.3 | *9.3* | Ao | 4 | .. | 21435b |
| 40 | 13260 | 25.8 | −28 45 | 8.7 | 9.2 | Ko | 2 | .. | 22826b |
| 41 | 11757 | 25.8 | −34 12 | 6.30 | 6.9 | F2 | 10 | .. | 40731b |
| 42 | 11574 | 25.8 | −39 8 | 8.0 | 9.5 | Ko | 2 | .. | 40426b |
| 43 | *11567* | 25.8 | −41 0 | 10.4 | 9.8 | F5 | 1 | .. | 40426b |
| 44 | 12238 | 25.8 | −42 2 | 8.6 | 8.3 | Ao | 6 | .. | 19751b |
| 45 | 11848 | 25.8 | −44 14 | 11.6 | 10.1 | B8 | 2 | .. | 21873b |
| 46 | 11846 | 25.8 | −44 25 | 8.5 | 8.4 | B8 | 8 | .. | 21873b |
| 47 | 11652 | 25.8 | −45 26 | 7.2 | 7.5 | B9 | 3 | .. | 4941b |
| 48 | 10698 | 25.8 | −52 41 | 7.3 | 8.4 | Ko | 7 | .. | 19961b |
| 49 | 10699 | 25.8 | −52 51 | *9.5* | 9.5 | B9 | 3 | .. | 19961b |
| 50 | 8383 | 25.8 | −54 45 | 8.9 | 8.4 | Ao | 4 | .. | 19961b |
| 51 | 5628 | 25.8 | −62 55 | *8.4* | 9.4 | Ko | 2 | .. | 39370b |
| 52 | 3124 | 25.8 | −66 47 | *7.4* | 8.4 | Ko | 6 | .. | 42525b |
| 53 | 1389 | 25.8 | −75 31 | *8.8* | 9.4 | Go | 2 | .. | 19008b |
| 54 | .. | 25.9 | +46 55 | .. | .. | G | 1 | .. | 6040m |
| 55 | 2946 | 25.9 | +38 2 | 8.5 | *8.6* | A2 | 4 | .. | 38779i |
| 56 | 2986 | 25.9 | +35 2 | 7.27 | *8.27* | Ko | 5 | .. | 38779i |
| 57 | 3262 | 25.9 | +14 37 | 8.1 | *9.1* | Ko | 1 | .. | 37827i |
| 58 | 4362 | 25.9 | −22 55 | 9.5 | 9.5 | F5 | 4 | .. | 38104b |
| 59 | 14353 | 25.9 | −30 23 | 8.7 | 8.2 | A5 | 5 | .. | 40731b |
| 60 | 12158 | 25.9 | −33 2 | 10.0 | 9.9 | A2 | 2 | .. | 40731b |
| 61 | 11569 | 25.9 | −40 50 | 9.4 | 9.2 | Fo | 3 | .. | 40426b |
| 62 | 11810 | 25.9 | −43 46 | 9.5 | 10.5 | Ko | 1 | .. | 21873b |
| 63 | 11811 | 25.9 | −43 53 | 9.7 | 9.4 | Ao | 4 | .. | 21873b |
| 64 | 11618 | 25.9 | −46 41 | 8.0 | 8.8 | Ko | 7 | .. | 21873b |
| 65 | 11366 | 25.9 | −50 49 | 9.1 | 8.9 | B8 | 7 | .. | 19961b |
| 66 | 10700 | 25.9 | −52 23 | *9.8* | 9.9 | A3 | 2 | .. | 19961b |
| 67 | 3645 | 25.9 | −64 32 | *8.4* | 8.8 | F5 | 3 | .. | 39370b |
| 68 | 3463 | 25.9 | −65 48 | *9.4* | 9.4 | Ao | 3 | .. | 39370b |
| 69 | 926 | 25.9 | −79 25 | *9.0* | 10.2 | K5 | 2 | .. | 19008b |
| 70 | 518 | 26.0 | +82 26 | 8.8 | *9.8* | Ko | 3 | .. | 37820i |
| 71 | 3387 | 26.0 | + 7 4 | 9.3 | *9.4* | A3 | 2 | .. | 11305b |
| 72 | 4509 | 26.0 | −10 15 | 10.3 | *11.4* | K2 | 1 | .. | 21435b |
| 73 | 4397 | 26.0 | −11 45 | 8.6 | *8.9* | F2 | 6 | .. | 21435b |
| 74 | 12159 | 26.0 | −33 43 | 8.7 | 9.9 | K5 | 2 | .. | 40731b |
| 75 | 11759 | 26.0 | −34 55 | 8.92 | 8.8 | B8 | 5 | .. | 40731b |
| 76 | 11673 | 26.0 | −35 6 | 9.78 | 10.0 | A2 | 2 | .. | 40731b |
| 77 | 11654 | 26.0 | −45 50 | 9.2 | 8.7 | Ao | 7 | .. | 21873b |
| 78 | 11619 | 26.0 | −46 12 | 10.6 | 10.4 | A5 | 2 | .. | 21873b |
| 79 | 11621 | 26.0 | −46 28 | 9.7 | 9.7 | Fo | 5 | .. | 21873b |
| 80 | 11626 | 26.0 | −47 36 | 11.0 | 10.5 | Ko | 1 | .. | 21873b |
| 81 | 11370 | 26.0 | −50 39 | 7.9 | 8.4 | B8 | 9 | .. | 19961b |
| 82 | 10963 | 26.0 | −51 46 | 9.9 | 9.0 | Ao | 5 | .. | 19961b |
| 83 | 8387 | 26.0 | −54 49 | 6.78 | 7.7 | G5 | .. | *5,7* | 56,140 |
| 84 | 8325 | 26.0 | −56 35 | *9.0* | 9.0 | Ao | 3 | .. | 17453b |
| 85 | 3646 | 26.0 | −64 58 | 7.35 | 8.7 | G5 | 5 | .. | 39370b |
| 86 | 2161 | 26.0 | −71 16 | *8.6* | 9.6 | Ko | 3 | .. | 21336b |
| 87 | 710 | 26.0 | −82 43 | *8.0* | 8.5 | F8 | 5 | .. | 43458b |
| 88 | 1767 | 26.1 | +57 36 | 8.4 | *8.7* | Fo | 3 | .. | 38015i |
| 89 | 3157 | 26.1 | +22 7 | 7.8 | *8.8* | Ko | 5 | .. | 38780i |
| 90 | 3437 | 26.1 | + 4 17 | 9.3 | *9.4* | A2 | 6 | .. | 14180b |
| 91 | 4511 | 26.1 | −10 5 | 10.1 | *10.1* | Ao | 3 | .. | 21435b |
| 92 | 4673 | 26.1 | −14 26 | 10.3 | *10.3* | Ao | 2 | .. | 21435b |
| 93 | 4581 | 26.1 | −15 38 | 10.3 | *10.4* | A2 | 2 | .. | 39404b |
| 94 | 4580 | 26.1 | −15 49 | 10.1 | *11.1* | Ko | 1 | .. | 39404b |
| 95 | 4838 | 26.1 | −17 15 | 10.8 | *11.8* | Ko | 1 | .. | 39404b |
| 96 | 4785 | 26.1 | −20 8 | 9.33 | 10.1 | K2 | 2 | .. | 38104b |
| 97 | 11665 | 26.1 | −37 16 | 10.2 | 10.0 | F8 | 2 | .. | 16748b |
| 98 | 11573 | 26.1 | −40 9 | 10.7 | 10.0 | Ao | 1 | .. | 40426b |
| 99 | 11742 | 26.1 | −41 6 | 6.09 | 6.7 | B9 | 10 | .. | 40426b |
| 100 | 11812 | 26.1 | −43 9 | 9.2 | 9.0 | A2 | 5 | .. | 21873b |



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1922AnHar..97....1C



## 158800 — $17^h\,26^m.1$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11813 | 26.1 | −43 11 | 10.3 | 9.4 | Ao | 2 | .. | 21873b |
| 2 | 11849 | 26.1 | −44 7 | 10.3 | 10.1 | Ao | 2 | .. | 21873b |
| 3 | *11655* | 26.1 | −46 0 | 9.2 | 9.3 | Ko | 5 | .. | 21873b |
| 4 | 11627 | 26.1 | −47 20 | 9.3 | 9.7 | Ko | 4 | .. | 21873b |
| 5 | 2075 | 26.1 | −72 59 | *8.7* | 8.8 | A2 | 4 | .. | 21336b |
| 6 | 3256 | 26.2 | +17 36 | 6.86 | *7.28* | F5 | 7 | .. | 37827i |
| 7 | 3428 | 26.2 | + 3 41 | 8.7 | *8.7* | Ao | 5 | .. | 14180b |
| 8 | 3305 | 26.2 | − 0 15 | 8.3 | *8.3* | Ao | 6 | .. | 14180b |
| 9 | 4381 | 26.2 | − 2 27 | 8.2 | *8.8* | Go | 5 | .. | 39468b |
| 10 | 4293 | 26.2 | − 4 49 | 9.0 | *9.4* | F5 | 3 | .. | 39468b |
| 11 | 4399 | 26.2 | −11 47 | 10.1 | *10.1* | Ao | 3 | .. | 21435b |
| 12 | 4639 | 26.2 | −13 31 | 9.3 | *10.1* | G5 | 3 | .. | 21435b |
| 13 | 4541 | 26.2 | −16 43 | 10.8 | *10.9* | A2 | 2 | .. | 39404b |
| 14 | 4786 | 26.2 | −20 30 | 8.8 | 9.5 | Go | 4 | .. | 38104b |
| 15 | 4633 | 26.2 | −21 8 | 9.2 | 9.9 | G5 | 3 | .. | 38104b |
| 16 | 14361 | 26.2 | −30 2 | 8.78 | 9.7 | K5 | 2 | .. | 22826b |
| 17 | 12878 | 26.2 | −32 59 | 10.0 | 9.7 | B9 | 2 | .. | 40731b |
| 18 | 5631 | 26.2 | −62 53 | *9.4* | 9.7 | F2 | 1 | .. | 39370b |
| 19 | 3465 | 26.2 | −65 55 | 7.53 | 7.3 | Ao | 8 | .. | 42525b |
| 20 | 270 | 26.2 | −87 49 | *9.5* | 10.3 | G5 | 2 | .. | 22980b |
| 21 | 2218 | 26.3 | +51 26 | 7.64 | *8.06* | F5 | 6 | .. | 38778i |
| 22 | 2740 | 26.3 | +43 33 | 8.0 | *8.8* | G5 | 6 | 5,1 | 6040m |
| 23 | 3033 | 26.3 | +29 36 | 8.01 | *9.01* | Ko | 2 | .. | 38447i |
| 24 | 3158 | 26.3 | +22 58 | 7.7 | *8.7* | Ko | 5 | .. | 38780i |
| 25 | 4120 | 26.3 | − 3 28 | 8.9 | *9.3* | F5 | 4 | .. | 39468b |
| 26 | 4564 | 26.3 | − 9 54 | 8.91 | *10.09* | K5 | 2 | .. | 21435b |
| 27 | 11631 | 26.3 | −47 58 | 11.6 | 10.8 | Ao | 1 | .. | 21873b |
| 28 | 10705 | 26.3 | −52 8 | 8.8 | 9.2 | B9 | 6 | .. | 19961b |
| 29 | 8208 | 26.3 | −55 6 | 7.78 | 8.7 | Ko | 4 | .. | 19961b |
| 30 | 8613 | 26.3 | −57 4 | var. | var. | Ao | 4 | R | 39301b |
| 31 | 1848 | 26.3 | −73 8 | *8.6* | 9.6 | Ko | 1 | .. | 21336b |
| 32 | 772 | 26.4 | +73 2 | 8.8 | *9.8* | Ko | 3 | .. | 38095i |
| 33 | 2321 | 26.4 | +46 12 | 10.0 | *11.0* | Ko | 2 | .. | 6040m |
| 34 | 2539 | 26.4 | +45 22 | 10.3 | *11.1* | G5 | 1 | .. | 6040m |
| 35 | 3201 | 26.4 | +15 18 | 8.9 | *9.0* | A3 | 1 | .. | 37827i |
| 36 | 3441 | 26.4 | + 6 26 | 9.0 | *9.0* | Ao | 3 | .. | 11305b |
| 37 | 3337 | 26.4 | + 2 48 | 5.59 | *6.15* | Gop | 5 | 0, R | 1373b |
| 38 | 4512 | 26.4 | −10 22 | 8.3 | *8.3* | Ao | 9 | .. | 21435b |
| 39 | 4768 | 26.4 | −12 15 | 9.0 | *10.2* | K5 | 2 | .. | 21435b |
| 40 | 4767 | 26.4 | −12 27 | 8.8 | *8.9* | A2 | 7 | .. | 21435b |
| 41 | 4839 | 26.4 | −17 42 | 11.2 | *11.2* | Ao | 3 | .. | 39404b |
| 42 | 13274 | 26.4 | −28 53 | 9.7 | 10.3 | G5 | 1 | .. | 22826b |
| 43 | 11989 | 26.4 | −38 19 | 9.8 | 9.0 | Ao | 3 | .. | 40426b |
| 44 | 11589 | 26.4 | −39 43 | 10.2 | 10.0 | Ao | 1 | .. | 40426b |
| 45 | 11576 | 26.4 | −40 40 | 9.6 | 10.1 | K2 | 1 | .. | 40426b |
| 46 | 12245 | 26.4 | −42 19 | 7.6 | 7.6 | B5 | 7 | .. | 40426b |
| 47 | 11815 | 26.4 | −43 35 | 10.6 | 10.1 | Ao | 3 | .. | 21873b |
| 48 | 11657 | 26.4 | −45 57 | 11.6 | 10.8 | Ma | .. | .. | M |
| 49 | 11629 | 26.4 | −46 30 | 8.6 | 9.0 | Ko | 6 | .. | 21873b |
| 50 | 8676 | 26.4 | −53 16 | 8.7 | 9.3 | A5 | 6 | .. | 19961b |
| 51 | 8677 | 26.4 | −53 21 | 8.2 | 9.3 | Ko | 4 | .. | 19961b |
| 52 | 8328 | 26.4 | −56 50 | 7.3 | 7.3 | Ao | 8 | .. | 39301b |
| 53 | 2322 | 26.5 | +46 37 | 10.0 | *11.0* | Ko | 2 | .. | 6040m |
| 54 | 2323 | 26.5 | +46 24 | 10.0 | *10.8* | G5 | 2 | .. | 6040m |
| 55 | 3450 | 26.5 | + 1 45 | 7.18 | *8.25* | K2 | 7 | .. | 14180b |
| 56 | 4457 | 26.5 | − 5 35 | 9.2 | *9.2* | Ao | 4 | .. | 39416b |
| 57 | 4769 | 26.5 | −12 5 | 10.3 | *10.9* | Go | 2 | .. | 21435b |
| 58 | 4637 | 26.5 | −21 58 | 9.9 | 10.4 | Ao | 3 | .. | 38104b |
| 59 | 12883 | 26.5 | −32 59 | 7.08 | 7.2 | B3 | .. | 2,5 | 56,140 |
| 60 | 12168 | 26.5 | −33 33 | 11.1 | .. | Ob | .. | R | 76,29 |
| 61 | 11992 | 26.5 | −38 30 | 10.7 | 9.6 | Ao | 2 | .. | 40426b |
| 62 | 11593 | 26.5 | −39 49 | 10.0 | 10.0 | Ao | 1 | .. | 40426b |
| 63 | 11658 | 26.5 | −45 16 | 11.6 | 10.5 | F8 | 1 | .. | 21873b |
| 64 | 11660 | 26.5 | −45 33 | 8.1 | 8.2 | Bo | 9 | R | 21873b |
| 65 | 11659 | 26.5 | −45 55 | 10.3 | 9.7 | Fo | 3 | .. | 21873b |
| 66 | 711 | 26.5 | −82 9 | *8.8* | 9.8 | Ko | 2 | .. | 43458b |
| 67 | 1015 | 26.6 | +67 51 | 8.0 | *8.1* | A5 | 4 | .. | 38095i |
| 68 | 2412 | 26.6 | +50 58 | 6.97 | *7.25* | Fo | 8 | .. | 38778i |
| 69 | 2413 | 26.6 | +50 10 | 7.82 | *9.00* | K5 | 2 | .. | 38778i |
| 70 | 2324 | 26.6 | +46 20 | 10.0 | *10.5* | F8 | 2 | .. | 6040m |
| 71 | 2719 | 26.6 | +44 46 | 10.3 | *10.9* | G | 2 | .. | 6040m |
| 72 | 3197 | 26.6 | +24 7 | 8.1 | *9.3* | K5 | 2 | .. | 38780i |
| 73 | 3388 | 26.6 | +13 12 | 7.9 | *8.2* | Fo | 4 | .. | 37827i |
| 74 | 3307 | 26.6 | − 0 49 | 9.5 | *9.6* | A3 | 3 | .. | 39468b |
| 75 | 4565 | 26.6 | − 9 8 | 9.5 | *9.6* | A3 | 2 | .. | 39416b |
| 76 | 4514 | 26.6 | −10 38 | 9.0 | *9.1* | A5 | 8 | .. | 21435b |
| 77 | 4401 | 26.6 | −11 52 | 8.7 | *9.8* | K2 | 4 | .. | 21435b |
| 78 | 4770 | 26.6 | −12 16 | 9.5 | *10.1* | Go | 7 | .. | 21435b |
| 79 | 4642 | 26.6 | −13 3 | 10.1 | *10.9* | G5 | 1 | .. | 21435b |
| 80 | 4641 | 26.6 | −13 36 | 8.12 | *8.90* | G5 | 6 | .. | 21435b |
| 81 | *4585* | 26.6 | −16 1 | 9.0 | *10.0* | Ko | 4 | .. | 39404b |
| 82 | 4638 | 26.6 | −21 48 | 8.3 | 9.2 | G5 | 6 | .. | 38104b |
| 83 | 14369 | 26.6 | −30 18 | 7.24 | 8.2 | Ko | 6 | .. | 40731b |
| 84 | 14202 | 26.6 | −31 54 | 8.1 | 9.1 | F8 | 4 | .. | 40731b |
| 85 | 11684 | 26.6 | −35 33 | 9.4 | 9.4 | G5 | 2 | .. | 40426b |
| 86 | 11993 | 26.6 | −38 24 | 10.0 | 10.1 | K2 | 2 | .. | 16748b |
| 87 | 11594 | 26.6 | −39 21 | 10.2 | 9.6 | Ao | 2 | .. | 40426b |
| 88 | *11821* | 26.6 | −44 0 | 8.0 | 8.4 | B8 | 8 | .. | 21873b |
| 89 | 11632 | 26.6 | −47 39 | 10.3 | 10.5 | Ko | 1 | .. | 21873b |
| 90 | 11820 | 26.6 | −48 23 | 8.0 | 9.2 | Ma | 6 | .. | 21873b |
| 91 | 11545 | 26.6 | −49 4 | 8.9 | 9.5 | Ko | 6 | .. | 21873b |
| 92 | 10712 | 26.6 | −52 39 | *9.8* | 10.3 | F8 | 1 | .. | 19961b |
| 93 | 10711 | 26.6 | −52 52 | *9.2* | 9.8 | Go | 2 | .. | 19961b |
| 94 | 8331 | 26.6 | −56 54 | 8.7 | 9.0 | G5 | 3 | .. | 39301b |
| 95 | 7071 | 26.6 | −59 46 | 6.43 | 5.8 | Ao | 4 | .. | 8425b |
| 96 | 2219 | 26.7 | +51 34 | 7.96 | *9.14* | K5 | 3 | .. | 38778i |
| 97 | 2720 | 26.7 | +44 52 | 10.0 | *11.0* | Ko | 1 | .. | 6040m |
| 98 | 2982 | 26.7 | +34 40 | 8.7 | *8.7* | Ao | 3 | .. | 38779i |
| 99 | 3034 | 26.7 | +26 11 | 4.48 | *5.48* | Ko | .. | 0,9 R | 56,94 |
| 100 | 3432 | 26.7 | + 3 0 | 8.9 | *8.9* | Ao | 6 | .. | 14180b |



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## 158900 — 17h 26m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 13695 | 26.7 | −29 3 | 9.2 | 9.9 | Ko | 1 | .. | 22826b |
| 2 | 13694 | 26.7 | −29 34 | 6.98 | 7.5 | B8 | 7 | .. | 40731b |
| 3 | 14211 | 26.7 | −31 5 | 10.9 | 9.7 | A2 | 2 | .. | 40731b |
| 4 | 11769 | 26.7 | −34 18 | 10.0 | 9.4 | Ao | 3 | .. | 40731b |
| 5 | 11857 | 26.7 | −44 17 | 9.7 | 9.3 | A3 | 5 | .. | 21873b |
| 6 | 11632 | 26.7 | −46 31 | 8.4 | 7.3 | B8 | 3 | .. | 4941b |
| 7 | 11821 | 26.7 | −48 27 | 6.60 | 7.7 | G5 | 3 | .. | 4941b |
| 8 | 11547 | 26.7 | −49 7 | 8.7 | 9.5 | G5 | 7 | .. | 21873b |
| 9 | 11376 | 26.7 | −50 19 | 9.7 | 10.6 | K5 | 1 | .. | 19961b |
| 10 | 8678 | 26.7 | −53 50 | 7.8 | 8.1 | Ao | 8 | .. | 19961b |
| 11 | 8391 | 26.7 | −54 20 | *9.9* | 9.9 | Ao | 2 | .. | 37621b |
| 12 | 5975 | 26.7 | −61 41 | 8.7 | 9.2 | Go | 3 | .. | 39370b |
| 13 | 3341 | 26.7 | −67 31 | *8.8* | 9.6 | G5 | 2 | .. | 42525b |
| 14 | 2395 | 26.7 | −70 25 | *8.7* | 9.9 | K5 | 2 | .. | 21336b |
| 15 | 348 | 26.7 | −86 37 | *9.6* | 10.4 | G5 | 3 | .. | 22578b |
| 16 | 2325 | 26.8 | +46 26 | 8.7 | *9.1* | F5 | 8 | 3,3 | 6040m |
| 17 | 3143 | 26.8 | +21 7 | 8.2 | *8.8* | Go | 4 | .. | 38780i |
| 18 | 3500 | 26.8 | +20 16 | 8.1 | *9.1* | Ko | 3 | .. | 38780i |
| 19 | 3451 | 26.8 | + 1 55 | 8.7 | *8.7* | Ao | 4 | .. | 14180b |
| 20 | 3710 | 26.8 | + 0 36 | 8.9 | *10.1* | K5 | 1 | .. | 14180b |
| 21 | 3709 | 26.8 | + 0 8 | 7.03 | *8.03* | Ko | 8 | .. | 14180b |
| 22 | 3350 | 26.8 | − 1 22 | 10.1 | *10.2* | A5 | 1 | .. | 39468b |
| 23 | 4453 | 26.8 | − 8 24 | 8.6 | *8.7* | A2 | 2 | R | 39416b |
| 24 | 4545 | 26.8 | −16 34 | 9.9 | *9.9* | B9 | 4 | .. | 39404b |
| 25 | 4363 | 26.8 | −22 26 | 10.8 | 10.7 | A5 | 1 | .. | 38104b |
| 26 | 11673 | 26.8 | −37 2 | 1.71 | *1.52* | B2 | .. | R | 28,212 |
| 27 | 11672 | 26.8 | −37 55 | 9.4 | 9.7 | B8 | 3 | .. | 16748b |
| 28 | 11859 | 26.8 | −44 56 | 7.06 | 7.5 | B9 | 3 | .. | 4941b |
| 29 | 11637 | 26.8 | −47 1 | 10.6 | 10.1 | Ao | 3 | .. | 21873b |
| 30 | 11379 | 26.8 | −50 57 | 9.7 | 9.9 | Go | 1 | .. | 19961b |
| 31 | 8620 | 26.8 | −57 47 | 8.8 | 10.1 | Ao | 3 | .. | 17453b |
| 32 | 4126 | 26.8 | −63 7 | *8.0* | 9.0 | Ko | 5 | .. | 39370b |
| 33 | 1769 | 26.9 | +57 12 | 8.0 | *8.8* | G5 | 3 | E | 37802i |
| 34 | 3436 | 26.9 | + 8 21 | 8.3 | *9.1* | G5 | 2 | .. | 11305b |
| 35 | 3340 | 26.9 | + 2 19 | 8.3 | *9.3* | Ko | 3 | .. | 14180b |
| 36 | 4402 | 26.9 | −11 2 | 10.5 | *11.1* | Go | 2 | .. | 21435b |
| 37 | 4772 | 26.9 | −12 26 | 10.1 | *10.1* | Ao | 3 | .. | 21435b |
| 38 | 4771 | 26.9 | −12 34 | 10.5 | *11.5* | Ko | 2 | .. | 21435b |
| 39 | 4639 | 26.9 | −21 30 | 10.3 | 10.4 | Ao | 2 | .. | 38104b |
| 40 | 13380 | 26.9 | −24 14 | 8.0 | 8.3 | F5 | 5 | .. | 22826b |
| 41 | 13381 | 26.9 | −24 58 | 9.68 | 9.5 | Go | 2 | .. | 38104b |
| 42 | 14215 | 26.9 | −31 1 | 8.7 | 9.4 | K2 | 1 | .. | 40731b |
| 43 | 12891 | 26.9 | −32 46 | 10.4 | 9.2 | Ao | 1 | .. | 40731b |
| 44 | *12895* | 26.9 | −33 0 | 9.6 | 9.1 | Ao | 3 | .. | 40731b |
| 45 | 12001 | 26.9 | −38 1 | 8.8 | 10.3 | K5 | 1 | .. | 16748b |
| 46 | 11825 | 26.9 | −43 27 | 9.7 | 10.5 | G5 | 2 | .. | 21873b |
| 47 | 8622 | 26.9 | −57 23 | 9.2 | 9.9 | Go | 2 | .. | 17453b |
| 48 | 3648 | 26.9 | −64 27 | *8.5* | 9.1 | Go | 2 | .. | 39370b |
| 49 | 3649 | 26.9 | −64 44 | *8.5* | 9.3 | G5 | 3 | .. | 39370b |
| 50 | 3466 | 26.9 | −65 31 | *8.5* | 9.6 | K2 | 4 | .. | 39370b |
| 51 | 3126 | 26.9 | −66 5 | *8.7* | 8.8 | A2 | 4 | .. | 42525b |
| 52 | 2079 | 26.9 | −72 4 | *8.1* | 8.1 | Ao | 7 | .. | 21336b |
| 53 | 2742 | 27.0 | +43 47 | 8.6 | *9.4* | G5 | 4 | .. | 6040m |
| 54 | 3124 | 27.0 | +23 12 | 8.1 | *9.2* | K2 | 2 | .. | 38780i |
| 55 | 3338 | 27.0 | +19 36 | 7.04 | *8.22* | K5 | 5 | .. | 38780i |
| 56 | 3336 | 27.0 | +19 6 | 8.1 | *8.2* | A5 | 1 | .. | 38780i |
| 57 | 3194 | 27.0 | +11 17 | 8.7 | *9.5* | G5 | 1 | .. | 38781i |
| 58 | 3438 | 27.0 | + 8 51 | 8.5 | *9.3* | G5 | 1 | .. | 11305b |
| 59 | 3391 | 27.0 | + 7 54 | 8.5 | *9.1* | Go | 3 | .. | 11305b |
| 60 | 4587 | 27.0 | −15 51 | 10.3 | *11.1* | G5 | 2 | .. | 39404b |
| 61 | 4548 | 27.0 | −16 45 | 9.9 | *10.5* | Go | 2 | .. | 39404b |
| 62 | 4640 | 27.0 | −21 45 | 9.3 | 9.2 | Go | 6 | .. | 38104b |
| 63 | 11692 | 27.0 | −35 34 | 10.4 | 10.0 | G5 | 1 | .. | 40426b |
| 64 | 11691 | 27.0 | −35 42 | 9.4 | 9.4 | G5 | 2 | .. | 40426b |
| 65 | 12002 | 27.0 | −38 25 | 10.0 | 9.0 | Ao | 3 | .. | 40426b |
| 66 | 11760 | 27.0 | −41 9 | 10.0 | 9.8 | G5 | 1 | .. | 40426b |
| 67 | 11759 | 27.0 | −41 34 | 7.6 | 8.9 | K2 | 2 | .. | 19751b |
| 68 | 11639 | 27.0 | −47 56 | 11.0 | 10.1 | Ao | 3 | .. | 21873b |
| 69 | 11549 | 27.0 | −49 14 | 8.6 | 8.9 | Ao | 9 | .. | 21873b |
| 70 | 7187 | 27.0 | −58 55 | 9.0 | 9.8 | A2 | 2 | .. | 39301b |
| 71 | 1141 | 27.0 | −78 55 | *9.6* | 9.7 | A2 | 3 | .. | 19008b |
| 72 | 2721 | 27.1 | +44 36 | 8.6 | *9.6* | Ko | 6 | 0,1 | 6040m |
| 73 | 2743 | 27.1 | +43 24 | 8.0 | *8.1* | A2 | 4 | 0,7 | 38566i |
| 74 | 3047 | 27.1 | +31 13 | 5.82 | *6.82* | Ko | 9 | 0,10 | 38779i |
| 75 | *3199* | 27.1 | +23 59 | 9.1 | *10.1* | Ko | 1 | .. | 38780i |
| 76 | 3341 | 27.1 | + 2 54 | 7.7 | *7.7* | B8 | 9 | .. | 14180b |
| 77 | 4645 | 27.1 | −13 14 | 8.8 | *9.3* | F8 | 4 | .. | 21435b |
| 78 | *4644* | 27.1 | −14 1 | 9.9 | *10.0* | A2 | 4 | .. | 21435b |
| 79 | 4588 | 27.1 | −15 35 | 10.3 | *10.4* | A2 | 3 | .. | 39404b |
| 80 | 13382 | 27.1 | −24 4 | 9.5 | 9.9 | F5 | 1 | .. | 38104b |
| 81 | 11713 | 27.1 | −27 23 | 8.7 | 9.4 | Go | 2 | .. | 22826b |
| 82 | 14385 | 27.1 | −30 28 | 9.7 | 9.2 | Ao | 3 | .. | 40731b |
| 83 | 11641 | 27.1 | −36 33 | 10.4 | 9.7 | Ao | 2 | .. | 16748b |
| 84 | 11863 | 27.1 | −44 18 | 11.6 | 9.6 | A2 | 5 | .. | 21873b |
| 85 | 11866 | 27.1 | −44 24 | 9.9 | 10.2 | F8 | 2 | .. | 21873b |
| 86 | 11865 | 27.1 | −44 46 | 11.6 | 9.9 | Ao | 3 | .. | 21873b |
| 87 | 11666 | 27.1 | −45 49 | 11.6 | 10.5 | A3 | 1 | .. | 21873b |
| 88 | 11641 | 27.1 | −47 15 | 9.9 | 9.3 | Fo | 5 | .. | 21873b |
| 89 | 11832 | 27.1 | −48 10 | 11.6 | 10.1 | Ao | 3 | .. | 21873b |
| 90 | 11829 | 27.1 | −48 32 | 10.1 | 10.3 | G5 | 2 | .. | 21873b |
| 91 | *10717* | 27.1 | −53 0 | *8.9* | 9.2 | Fo | 5 | .. | 19961b |
| 92 | 8216 | 27.1 | −55 41 | 8.6 | 8.7 | Ao | 5 | .. | 19961b |
| 93 | 6871 | 27.1 | −60 14 | 9.2 | 9.5 | A5 | 3 | .. | 39370b |
| 94 | 5978 | 27.1 | −61 40 | *9.1* | 9.7 | Go | 2 | .. | 39370b |
| 95 | 505 | 27.2 | +83 25 | 9.0 | *9.8* | G5 | 3 | .. | 37820i |
| 96 | 544 | 27.2 | +80 13 | 5.91 | *6.98* | K2 | 8 | .. | 37240i |
| 97 | 789 | 27.2 | +72 56 | 8.8 | *9.2* | F5 | 1 | .. | 38095i |
| 98 | 2416 | 27.2 | +50 39 | 8.7 | *9.2* | F8 | 2 | .. | 38778i |
| 99 | 2326 | 27.2 | +46 25 | 9.6 | *10.0* | F5 | 2 | .. | 6040m |
| 100 | .. | 27.2 | +44 4 | .. | .. | G | 1 | R | 6040m |



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**159000** **$17^h\ 27^m.2$**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 2722 | 27.2 | +44 4 | 9.5 | *10.1* | G5 | 3 | R | 6040m |
| 2 | 2744 | 27.2 | +43 14 | 9.8 | *10.4* | G | 2 | .. | 6040m |
| 3 | 2984 | 27.2 | +34 21 | 8.1 | *8.9* | G5 | 3 | .. | 38779i |
| 4 | 3125 | 27.2 | +23 42 | 8.8 | *9.9* | K2 | 1 | .. | 38780i |
| 5 | 3240 | 27.2 | +12 2 | 7.9 | *7.9* | Ao | 4 | .. | 37827i |
| 6 | 4609 | 27.2 | − 6 11 | 9.2 | *9.8* | Go | 3 | .. | 39416b |
| 7 | 4403 | 27.2 | −11 11 | 8.2 | *9.2* | Ko | 7 | .. | 21435b |
| 8 | 4646 | 27.2 | −13 24 | 7.07 | *7.07* | Ao | 5 | .. | 8367b |
| 9 | 4677 | 27.2 | −14 43 | 8.2 | *8.3* | A5 | 8 | .. | 21435b |
| 10 | 4678 | 27.2 | −14 46 | 9.9 | *9.9* | A | 2 | .. | 21435b |
| 11 | 4841 | 27.2 | −17 25 | 6.89 | *7.89* | Ko | 8 | .. | 39404b |
| 12 | 4641 | 27.2 | −21 41 | 9.40 | 9.8 | Ao | 5 | .. | 38104b |
| 13 | *4642* | 27.2 | −22 1 | 10.1 | 9.6 | A3 | 5 | .. | 38104b |
| 14 | 12262 | 27.2 | −42 50 | 10.3 | 9.2 | B9 | 3 | .. | 21873b |
| 15 | 11868 | 27.2 | −44 27 | 11.0 | 10.1 | G5 | 2 | .. | 21873b |
| 16 | 11641 | 27.2 | −46 29 | 9.5 | 10.1 | K2 | 2 | .. | 21873b |
| 17 | 10980 | 27.2 | −51 37 | 10.1 | 10.7 | Ma | 1 | .. | 37596b |
| 18 | 8682 | 27.2 | −53 17 | 6.27 | 6.5 | Ao | 8 | .. | 36319b |
| 19 | 8333 | 27.2 | −56 16 | 8.5 | 9.0 | G5 | 3 | .. | 17453b |
| 20 | 8624 | 27.2 | −57 4 | *9.6* | 9.6 | Ao | 1 | .. | 17453b |
| 21 | 2924 | 27.2 | −68 6 | *8.7* | 8.7 | Ao | 3 | .. | 42525b |
| 22 | 2743 | 27.2 | −69 14 | *8.7* | 8.7 | Ao | 3 | .. | 42525b |
| 23 | 1819 | 27.3 | +59 7 | 8.2 | *8.8* | Go | 3 | .. | 38015i |
| 24 | 2724 | 27.3 | +44 34 | 9.3 | *9.8* | F8 | 3 | .. | 6040m |
| 25 | 2723 | 27.3 | +44 12 | 9.8 | *10.8* | K | 1 | .. | 6040m |
| 26 | *3147* | 27.3 | +38 58 | 6.45 | *6.79* | F2 | 9 | .. | 38779i |
| 27 | 2766 | 27.3 | +28 12 | 8.6 | *9.6* | Ko | 2 | .. | 38447i |
| 28 | 3392 | 27.3 | + 7 36 | 8.9 | *8.9* | Ao | 3 | .. | 11305b |
| 29 | 3436 | 27.3 | + 3 21 | 8.0 | *9.1* | K2 | 4 | .. | 14180b |
| 30 | 4387 | 27.3 | − 2 41 | 9.9 | *10.7* | G5 | 1 | .. | 39468b |
| 31 | 4404 | 27.3 | −11 47 | 9.9 | *10.2* | F2 | 4 | .. | 21435b |
| 32 | 4652 | 27.3 | −19 17 | 8.9 | 9.5 | B8 | 4 | .. | 39404b |
| 33 | *13424* | 27.3 | −24 0 | 8.9 | 8.6 | Go | 5 | .. | 22826b |
| 34 | 12185 | 27.3 | −33 35 | 10.7 | 9.7 | B8 | 2 | .. | 40731b |
| 35 | 11595 | 27.3 | −40 28 | 7.2 | 7.4 | B8 | 6 | .. | 40426b |
| 36 | 11593 | 27.3 | −40 57 | 7.6 | 7.7 | A2 | 6 | .. | 40426b |
| 37 | 11832 | 27.3 | −43 5 | 9.2 | 8.8 | Ao | 6 | .. | 21873b |
| 38 | 11869 | 27.3 | −44 11 | 11.0 | 10.1 | A2 | 3 | .. | 21873b |
| 39 | 11669 | 27.3 | −45 3 | 9.42 | 9.4 | G5 | 5 | .. | 21873b |
| 40 | 11668 | 27.3 | −45 30 | 9.5 | 10.1 | Ko | 2 | .. | 21873b |
| 41 | 11643 | 27.3 | −47 48 | 8.1 | 7.8 | B8 | 9 | .. | 21873b |
| 42 | 11834 | 27.3 | −48 33 | 8.9 | 8.6 | B8 | 7 | .. | 21873b |
| 43 | 11555 | 27.3 | −49 52 | 9.56 | 9.8 | F5 | 2 | .. | 19961b |
| 44 | 10982 | 27.3 | −51 33 | 8.7 | 9.8 | K2 | 3 | .. | 19961b |
| 45 | 4127 | 27.3 | −63 27 | *8.7* | 9.1 | F5 | 3 | .. | 39370b |
| 46 | 3127 | 27.3 | −66 27 | *7.7* | 8.7 | Ko | 4 | .. | 42525b |
| 47 | 1142 | 27.3 | −78 38 | *7.4* | 8.5 | K2 | 6 | .. | 43458b |
| 48 | 647 | 27.4 | +76 8 | 7.17 | *8.17* | Ko | 3 | .. | 37240i |
| 49 | 2540 | 27.4 | +45 44 | 8.2 | *9.2* | Ko | 7 | 0,3 | 6040m |
| 50 | 3231 | 27.4 | +10 28 | 8.0 | *9.1* | K2 | 2 | .. | 38781i |
| 51 | 3344 | 27.4 | + 2 29 | 7.9 | *8.9* | Ko | 4 | .. | 14180b |
| 52 | 3343 | 27.4 | + 2 9 | 7.9 | *9.1* | K5 | 3 | .. | 14180b |
| 53 | 4549 | 27.4 | −16 32 | 10.3 | *11.3* | Ko | 1 | .. | 39404b |
| 54 | 4644 | 27.4 | −21 14 | 8.8 | 9.8 | Go | 4 | .. | 38104b |
| 55 | *12184* | 27.4 | −34 0 | 8.4 | 7.6 | A2 | 6 | .. | 40731b |
| 56 | 11680 | 27.4 | −37 40 | 10.2 | 10.0 | G5 | 2 | .. | 16748b |
| 57 | 11670 | 27.4 | −45 3 | 9.06 | 9.6 | Ko | 4 | .. | 21873b |
| 58 | 7193 | 27.4 | −58 51 | 8.0 | 7.9 | B9 | 6 | .. | 39301b |
| 59 | 5981 | 27.4 | −61 21 | 9.0 | 8.9 | B9 | 4 | .. | 39370b |
| 60 | 3467 | 27.4 | −65 35 | *9.3* | 9.3 | Ao | 4 | .. | 39370b |
| 61 | 2525 | 27.5 | +48 13 | 8.18 | *8.24* | A2 | 3 | .. | 38778i |
| 62 | 2491 | 27.5 | +47 29 | 7.28 | *8.06* | G5 | 6 | .. | 38778i |
| 63 | 3209 | 27.5 | +16 55 | 6.81 | *7.31* | F8 | 6 | .. | 37827i |
| 64 | 3414 | 27.5 | + 5 48 | 8.9 | *9.2* | Fo | 3 | .. | 11305b |
| 65 | 4550 | 27.5 | −16 4 | 9.5 | *10.7* | K5 | 2 | .. | 39404b |
| 66 | 4843 | 27.5 | −17 58 | 9.5 | *9.5* | B9 | 2 | .. | 39404b |
| 67 | 4790 | 27.5 | −20 42 | 8.3 | 9.0 | G5 | 6 | .. | 38104b |
| 68 | 4365 | 27.5 | −22 34 | 9.5 | 8.9 | A2 | 5 | .. | 38104b |
| 69 | 13425 | 27.5 | −23 54 | 9.3 | 11.0 | Ko | 1 | .. | 38104b |
| 70 | 14230 | 27.5 | −31 33 | 10.4 | 9.7 | Ao | 1 | .. | 40731b |
| 71 | 12191 | 27.5 | −33 33 | 10.2 | 9.7 | B | 2 | R | 40731b |
| 72 | 12011 | 27.5 | −38 22 | 10.4 | 9.5 | Ao | 3 | .. | 16748b |
| 73 | *12010* | 27.5 | −39 1 | 8.7 | 9.6 | B9 | 3 | .. | 16748b |
| 74 | 11774 | 27.5 | −41 6 | 10.0 | 9.5 | Ao | 2 | .. | 40426b |
| 75 | 11674 | 27.5 | −45 27 | 10.3 | 10.2 | F2 | 2 | .. | 21873b |
| 76 | 11673 | 27.5 | −45 56 | 10.3 | 10.2 | G5 | 3 | .. | 21873b |
| 77 | 11646 | 27.5 | −46 55 | 9.3 | 8.7 | B9 | 6 | .. | 21873b |
| 78 | 11557 | 27.5 | −49 4 | 8.3 | 8.4 | A2 | 10 | .. | 21873b |
| 79 | 5640 | 27.5 | −62 52 | *8.9* | 9.5 | Go | 2 | .. | 39370b |
| 80 | 774 | 27.6 | +73 18 | 8.7 | *8.7* | Ao | 3 | .. | 38095i |
| 81 | 3162 | 27.6 | +22 50 | 8.5 | *9.5* | Ko | 3 | .. | 38780i |
| 82 | 3241 | 27.6 | +12 0 | 6.18 | *6.16* | B9 | 9 | .. | 37827i |
| 83 | 4589 | 27.6 | −15 39 | 10.1 | *11.3* | K5 | 1 | .. | 39404b |
| 84 | 4551 | 27.6 | −16 28 | 9.9 | *10.2* | Fo | 2 | .. | 39404b |
| 85 | 4844 | 27.6 | −17 14 | 10.1 | *11.5* | Ma | 1 | .. | 39404b |
| 86 | 4564 | 27.6 | −18 16 | 8.0 | *8.3* | F2 | 8 | .. | 39404b |
| 87 | 4654 | 27.6 | −19 55 | 10.3 | 10.4 | G5 | 2 | .. | 38104b |
| 88 | 4366 | 27.6 | −22 6 | 8.3 | 9.2 | K5 | 5 | .. | 38104b |
| 89 | 13717 | 27.6 | −29 9 | 8.7 | 9.9 | K5 | 2 | .. | 22826b |
| 90 | 14399 | 27.6 | −30 20 | 7.44 | 7.5 | B2 | 7 | .. | 40731b |
| 91 | 11704 | 27.6 | −35 40 | 7.8 | 7.4 | B8 | 7 | .. | 40426b |
| 92 | 11650 | 27.6 | −36 39 | 8.7 | 8.9 | A2 | 3 | .. | 40426b |
| 93 | 11683 | 27.6 | −37 58 | 9.0 | 10.0 | Ko | 3 | .. | 16748b |
| 94 | 11871 | 27.6 | −44 52 | 8.7 | 9.6 | Ko | 4 | .. | 21873b |
| 95 | 11838 | 27.6 | −48 30 | 10.6 | 11.0 | A | 1 | .. | 21873b |
| 96 | 11836 | 27.6 | −48 35 | 9.2 | 10.6 | K5 | 2 | .. | 21873b |
| 97 | 8336 | 27.6 | −56 51 | *9.0* | 9.0 | B9 | 2 | .. | 17453b |
| 98 | 2397 | 27.6 | −70 37 | *7.2* | 7.3 | A2 | 7 | .. | 42525b |
| 99 | 1849 | 27.6 | −73 39 | *8.4* | 8.4 | Ao | 6 | .. | 21336b |
| 100 | 2725 | 27.7 | +44 17 | 8.9 | *9.0* | A2 | 4 | .. | 6040m |



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1922AnHar..97....1C



## 159100 — 17h 27m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 2746 | 27.7 | +43 43 | 9.5 | *10.3* | G5 | 1 | .. | 6040m |
| 2 | 3036 | 27.7 | +29 32 | 8.7 | *9.9* | K5 | 1 | .. | 38447i |
| 3 | 3354 | 27.7 | − 1 25 | 9.8 | *11.0* | K5 | 1 | .. | 39468b |
| 4 | 4296 | 27.7 | − 4 31 | 9.2 | *9.3* | A5 | 3 | .. | 39468b |
| 5 | 4567 | 27.7 | − 9 33 | 10.1 | *11.3* | K5 | 1 | .. | 39416b |
| 6 | 4774 | 27.7 | −12 30 | 9.5 | *9.5* | Ao | 6 | .. | 21435b |
| 7 | 4367 | 27.7 | −22 55 | 10.1 | 9.5 | Ao | 4 | .. | 38104b |
| 8 | *14403* | 27.7 | −31 0 | 8.1 | 9.1 | K2 | 3 | .. | 40731b |
| 9 | 11601 | 27.7 | −40 41 | 9.0 | 9.0 | F8 | 3 | .. | 40426b |
| 10 | 11776 | 27.7 | −41 15 | 7.4 | 7.7 | B5 | 6 | .. | 40426b |
| 11 | 12271 | 27.7 | −42 51 | 8.1 | 7.7 | B9 | 6 | .. | 21873b |
| 12 | 11873 | 27.7 | −44 10 | 8.7 | 8.5 | B5 | 8 | .. | 21873b |
| 13 | 11676 | 27.7 | −45 48 | 10.1 | 10.1 | Go | 3 | .. | 21873b |
| 14 | 11650 | 27.7 | −46 37 | 9.7 | 10.1 | Ko | 2 | .. | 21873b |
| 15 | 7195 | 27.7 | −58 18 | 8.5 | 8.8 | G5 | 5 | .. | 17453b |
| 16 | 2925 | 27.7 | −68 27 | *7.9* | 9.0 | K2 | 3 | .. | 42525b |
| 17 | 795 | 27.7 | −81 50 | *8.1* | 9.1 | Ko | 5 | .. | 43458b |
| 18 | 3013 | 27.8 | +30 24 | 7.11 | *8.11* | Ko | 5 | .. | 38447i |
| 19 | 3270 | 27.8 | +14 28 | 7.39 | *8.57* | K5 | 4 | .. | 37827i |
| 20 | 3438 | 27.8 | + 3 36 | 10.1 | *10.1* | A | 1 | .. | 14180b |
| 21 | 3345 | 27.8 | + 2 55 | 8.3 | *8.3* | Ao | 4 | .. | 14180b |
| 22 | 4125 | 27.8 | − 3 17 | 8.3 | *8.9* | Go | 5 | .. | 39468b |
| 23 | 4846 | 27.8 | −17 2 | 10.5 | *10.5* | Ao | 2 | .. | 39404b |
| 24 | *4368* | 27.8 | −23 0 | 9.9 | 9.8 | G5 | 2 | .. | 38104b |
| 25 | 12923 | 27.8 | −32 4 | 9.4 | 8.8 | B8 | 3 | .. | 40731b |
| 26 | 11652 | 27.8 | −36 21 | 10.7 | 10.0 | Ao | 1 | .. | 16748b |
| 27 | 11686 | 27.8 | −37 48 | 11.4 | 10.3 | A2 | 2 | .. | 16748b |
| 28 | 11778 | 27.8 | −41 2 | 10.4 | 9.2 | Ao | 2 | .. | 40426b |
| 29 | 12272 | 27.8 | −42 57 | 9.0 | 8.4 | B8 | 4 | .. | 21873b |
| 30 | 11876 | 27.8 | −44 53 | 11.6 | 10.1 | B9 | 2 | .. | 21873b |
| 31 | 11678 | 27.8 | −45 13 | 8.3 | 9.0 | Ko | 7 | .. | 21873b |
| 32 | 11397 | 27.8 | −50 39 | 10.6 | 10.1 | Ao | 1 | .. | 19961b |
| 33 | 10719 | 27.8 | −52 18 | *9.4* | 9.8 | F5 | 2 | .. | 19961b |
| 34 | 8221 | 27.8 | −55 33 | 9.2 | 9.9 | A2 | 3 | .. | 19961b |
| 35 | 4128 | 27.8 | −63 42 | *9.3* | 9.6 | Fo | 2 | .. | 39370b |
| 36 | 2328 | 27.9 | +46 54 | 9.6 | *10.4* | G5 | 2 | .. | 6040m |
| 37 | 2327 | 27.9 | +46 24 | 9.6 | *10.6* | Ko | 2 | .. | 6040m |
| 38 | 2542 | 27.9 | +45 39 | 8.7 | *9.7* | Ko | 5 | 0,1 | 6040m |
| 39 | 2767 | 27.9 | +28 29 | 5.58 | *5.58* | Ao | 10 | .. | 38447i |
| 40 | 3146 | 27.9 | +21 21 | 8.3 | *8.3* | Ao | 5 | .. | 37827i |
| 41 | 3392 | 27.9 | +13 49 | 8.6 | *8.9* | F | 1 | R | 37827i |
| 42 | 4775 | 27.9 | −12 41 | 10.1 | *10.9* | G5 | 3 | .. | 21435b |
| 43 | 4650 | 27.9 | −13 10 | 9.9 | *11.1* | K5 | 1 | .. | 21435b |
| 44 | 12203 | 27.9 | −33 1 | 10.2 | 10.2 | K5 | 1 | .. | 40731b |
| 45 | 12202 | 27.9 | −33 39 | 10.7 | 9.7 | Ao | 2 | .. | 40731b |
| 46 | 11690 | 27.9 | −37 55 | 11.4 | 10.6 | A3 | 1 | .. | 16748b |
| 47 | *11614* | 27.9 | −40 0 | 7.94 | 8.1 | A2 | 6 | .. | 40426b |
| 48 | 11652 | 27.9 | −46 13 | 10.6 | 10.2 | A3 | 1 | .. | 21873b |
| 49 | 5983 | 27.9 | −61 20 | *9.7* | 9.8 | A2 | 2 | .. | 39370b |
| 50 | 3468 | 27.9 | −65 47 | *8.6* | 8.7 | A3 | 5 | .. | 39370b |
| 51 | .. | 28.0 | +44 11 | .. | .. | G5 | 1 | .. | 6040m |
| 52 | 2884 | 28.0 | +36 37 | 8.1 | *8.9* | G5 | 3 | .. | 38779i |
| 53 | 3393 | 28.0 | +18 27 | 7.66 | *8.73* | K2 | 3 | .. | 38780i |
| 54 | 3439 | 28.0 | + 3 30 | 8.7 | *9.7* | Ko | 4 | .. | 14180b |
| 55 | 4391 | 28.0 | − 2 42 | 10.1 | *10.1* | Ao | 1 | .. | 39468b |
| 56 | 4390 | 28.0 | − 2 46 | 9.9 | *10.0* | A2 | 1 | .. | 39468b |
| 57 | 4651 | 28.0 | −13 54 | 9.2 | *10.0* | G5 | 3 | .. | 21435b |
| 58 | 4592 | 28.0 | −15 3 | 9.36 | *9.36* | Ao | 5 | R | 21435b |
| 59 | 4647 | 28.0 | −21 6 | 9.9 | 10.4 | K2 | 2 | .. | 38104b |
| 60 | 4369 | 28.0 | −22 57 | 7.17 | 7.6 | Fo | 9 | .. | 38104b |
| 61 | 13431 | 28.0 | −23 10 | 10.0 | 10.1 | A2 | 2 | .. | 38104b |
| 62 | 12205 | 28.0 | −33 35 | 9.4 | 9.1 | G5 | 3 | .. | 40731b |
| 63 | 11656 | 28.0 | −36 14 | 10.2 | 9.4 | G5 | 2 | .. | 40426b |
| 64 | 11843 | 28.0 | −43 38 | 11.6 | 10.1 | Ao | 2 | .. | 21873b |
| 65 | 11842 | 28.0 | −43 59 | 9.1 | 9.0 | B8 | 7 | .. | 21873b |
| 66 | 11656 | 28.0 | −46 16 | 11.0 | 10.4 | Ao | 2 | .. | 21873b |
| 67 | 2543 | 28.1 | +45 28 | 9.6 | *10.2* | Go | 1 | .. | 6040m |
| 68 | 3442 | 28.1 | + 8 48 | 9.1 | *9.5* | F5 | 2 | .. | 11305b |
| 69 | 3441 | 28.1 | + 3 21 | 9.5 | *9.5* | Ao | 5 | .. | 14180b |
| 70 | 4461 | 28.1 | − 5 40 | 5.69 | *5.75* | A2 | .. | .. | **56**,140 |
| 71 | 4682 | 28.1 | −14 21 | 8.6 | *9.0* | F5 | 7 | .. | 21435b |
| 72 | 4848 | 28.1 | −17 46 | 7.8 | *8.1* | Fo | 7 | .. | 39404b |
| 73 | 13386 | 28.1 | −24 49 | 7.9 | 10.2 | K5 | 1 | .. | 38104b |
| 74 | 14242 | 28.1 | −31 48 | 7.10 | 7.9 | Ko | 6 | .. | 40731b |
| 75 | 12932 | 28.1 | −32 6 | 9.3 | 9.2 | Go | 2 | .. | 40731b |
| 76 | 12935 | 28.1 | −32 31 | 5.71 | 6.1 | Oe5 | .. | R | **56**,140 |
| 77 | 11683 | 28.1 | −45 28 | 9.7 | 9.6 | F8 | 5 | .. | 21873b |
| 78 | 11403 | 28.1 | −50 38 | 9.5 | 9.8 | B9 | 2 | .. | 19961b |
| 79 | 10991 | 28.1 | −51 40 | 9.9 | 10.1 | Go | 1 | .. | 19961b |
| 80 | 8684 | 28.1 | −53 45 | 8.6 | 9.0 | Ao | 6 | .. | 19961b |
| 81 | 2065 | 28.2 | +52 23 | 2.99 | *3.55* | Go | .. | R | 2959c |
| 82 | 2544 | 28.2 | +45 42 | 9.3 | *10.3* | Ko | 3 | .. | 6040m |
| 83 | 2936 | 28.2 | +32 46 | 8.7 | *9.9* | K5 | 1 | .. | 38779i |
| 84 | 3415 | 28.2 | + 9 18 | 8.9 | *8.9* | Ao | 3 | .. | 11305b |
| 85 | 3447 | 28.2 | + 6 38 | 8.7 | *9.1* | F5 | 2 | .. | 11305b |
| 86 | 3349 | 28.2 | + 2 30 | 8.0 | *9.2* | K5 | 1 | .. | 14180b |
| 87 | 3717 | 28.2 | + 0 11 | 8.5 | *9.9* | Ma | 4 | 5,4 | 14180b |
| 88 | 4127 | 28.2 | − 3 22 | 9.0 | *9.0* | Ao | 5 | .. | 39468b |
| 89 | 4653 | 28.2 | −13 26 | 7.8 | *8.8* | Ko | 6 | .. | 21435b |
| 90 | 4659 | 28.2 | −19 6 | 8.2 | 9.0 | Fo | 5 | .. | 39404b |
| 91 | 4370 | 28.2 | −22 9 | 9.9 | 9.2 | B9 | 6 | .. | 38104b |
| 92 | 14243 | 28.2 | −31 14 | 8.7 | 8.6 | Ao | 5 | .. | 40731b |
| 93 | 11793 | 28.2 | −34 50 | 8.0 | 7.6 | B9 | 7 | .. | 40731b |
| 94 | 12018 | 28.2 | −38 44 | 6.65 | 7.7 | Ko | 7 | .. | 40426b |
| 95 | 11623 | 28.2 | −39 47 | 9.0 | 9.5 | F5 | 2 | .. | 40426b |
| 96 | 12278 | 28.2 | −42 21 | 10.6 | 9.5 | B9 | 2 | .. | 40426b |
| 97 | 11659 | 28.2 | −46 5 | 10.3 | 10.5 | G5 | 2 | .. | 21873b |
| 98 | 11654 | 28.2 | −47 27 | 11.0 | 10.2 | A2 | 2 | .. | 21873b |
| 99 | 8340 | 28.2 | −56 15 | 8.5 | 8.5 | Ao | 5 | .. | 17453b |
| 100 | 8632 | 28.2 | −57 41 | 9.0 | 9.9 | Ao | 2 | .. | 17453b |



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1922AnHar..97....1C



## 159200 — 17h 28m.2

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4129 | 28.2 | −63 17 | *8.5* | 9.3 | G5 | 3 | .. | 39370b |
| 2 | 3129 | 28.2 | −66 7 | *8.3* | 8.4 | A2 | 3 | .. | 42525b |
| 3 | 1955 | 28.3 | +53 13 | 9.1 | *10.1* | Ko | 1 | .. | 38777i |
| 4 | .. | 28.3 | +46 22 | .. | .. | F8 | 3 | .. | 6040m |
| 5 | 2330 | 28.3 | +46 4 | 9.3 | *9.8* | F8 | 5 | .. | 6040m |
| 6 | 2748 | 28.3 | +43 38 | 8.0 | *9.0* | Ko | 7 | 0,2 R | 6040m |
| 7 | 2988 | 28.3 | +34 54 | 9.7 | *9.8* | A2 | 1 | .. | 38779i |
| 8 | 3238 | 28.3 | +10 0 | 8.67 | *9.23* | Go | 2 | *2,2-* | 18982b |
| 9 | 4457 | 28.3 | − 7 51 | 8.2 | *8.2* | Ao | 4 | .. | 39416b |
| 10 | 4849 | 28.3 | −17 4 | 10.1 | *10.1* | Ao | 3 | .. | 39404b |
| 11 | 4648 | 28.3 | −21 46 | 9.94 | 10.1 | F8 | 4 | .. | 38104b |
| 12 | 13735 | 28.3 | −29 11 | 8.7 | 10.0 | K2 | 2 | .. | 22826b |
| 13 | 14420 | 28.3 | −30 9 | 9.32 | 9.1 | Ao | 3 | .. | 40731b |
| 14 | 12211 | 28.3 | −33 33 | 10.4 | 9.7 | A2 | 1 | .. | 40731b |
| 15 | 12020 | 28.3 | −38 33 | 8.7 | 9.0 | G5 | 3 | .. | 40426b |
| 16 | 12280 | 28.3 | −42 58 | 9.2 | 9.3 | Ko | 2 | .. | 21873b |
| 17 | 11661 | 28.3 | −46 26 | 4.63 | *4.63* | Ao | .. | 0,8 R | **28**,212 |
| 18 | 791 | 28.4 | +72 54 | 7.55 | *8.55* | Ko | 4 | .. | 38095i |
| 19 | 2528 | 28.4 | +48 24 | 9.1 | *10.2* | K2 | 1 | .. | 38778i |
| 20 | 2545 | 28.4 | +45 43 | 9.1 | *9.6* | F8 | 6 | 0,5- | 6040m |
| 21 | 2997 | 28.4 | +35 48 | 8.7 | *9.7* | Ko | 1 | .. | 38779i |
| 22 | 2989 | 28.4 | +34 21 | 6.54 | *7.32* | G5 | 6 | 0,5 R | 38799i |
| 23 | 3038 | 28.4 | +26 31 | 6.85 | *6.99* | A5 | .. | *2,8* | **56**,94 |
| 24 | 3283 | 28.4 | +25 49 | 8.3 | *8.4* | A2 | 3 | .. | 38447i |
| 25 | 3348 | 28.4 | +19 28 | 7.85 | *8.35* | F8 | 4 | .. | 38780i |
| 26 | 3213 | 28.4 | +16 37 | 7.9 | *8.0* | A2 | 1 | .. | 37827i |
| 27 | 3398 | 28.4 | + 7 47 | 7.7 | *8.7* | Ko | 5 | .. | 11305b |
| 28 | 4520 | 28.4 | −10 58 | 9.9 | *10.9* | Ko | 2 | .. | 21435b |
| 29 | 4850 | 28.4 | −17 15 | 9.5 | *10.5* | Ko | 1 | .. | 39404b |
| 30 | 4567 | 28.4 | −18 42 | 9.5 | *9.5* | B9 | 3 | .. | 39404b |
| 31 | 4649 | 28.4 | −21 3 | 10.8 | 10.9 | A2 | 1 | .. | 38104b |
| 32 | 12024 | 28.4 | −38 43 | 10.0 | 8.3 | Ao | 4 | .. | 40426b |
| 33 | 11793 | 28.4 | −41 46 | 8.7 | 9.3 | Ko | 2 | .. | 40426b |
| 34 | 11888 | 28.4 | −44 40 | 10.3 | 9.9 | B9 | 3 | .. | 21873b |
| 35 | 11564 | 28.4 | −49 16 | 9.0 | 9.2 | F5 | 7 | .. | 21873b |
| 36 | 8635 | 28.4 | −57 3 | 9.2 | 9.3 | Ao | 4 | .. | 17453b |
| 37 | 2419 | 28.5 | +50 9 | 8.7 | *9.0* | Fo | 2 | .. | 38778i |
| 38 | .. | 28.5 | +45 13 | .. | .. | G5 | 1 | .. | 6040m |
| 39 | 3162 | 28.5 | +40 2 | 8.57 | *8.63* | A2 | 3 | .. | 38779i |
| 40 | 2771 | 28.5 | +28 52 | 8.1 | *8.4* | F2 | 3 | .. | 38447i |
| 41 | 3349 | 28.5 | +19 11 | 7.9 | *9.1* | K5 | 2 | .. | 38780i |
| 42 | 3239 | 28.5 | +10 41 | 8.1 | *8.9* | G5 | 3 | .. | 38781i |
| 43 | 3419 | 28.5 | + 5 46 | 8.1 | *8.7* | Go | 3 | .. | 11305b |
| 44 | 3317 | 28.5 | − 0 43 | 8.9 | *9.4* | F8 | 5 | .. | 14180b |
| 45 | 4611 | 28.5 | − 6 20 | 9.2 | *9.7* | F8 | 3 | .. | 39416b |
| 46 | 4569 | 28.5 | −18 32 | 9.9 | *9.9* | Ao | 3 | .. | 39404b |
| 47 | 4797 | 28.5 | −20 2 | 9.48 | 10.1 | Ao | 2 | .. | 39404b |
| 48 | 11801 | 28.5 | −34 24 | 9.8 | 10.6 | K2 | 1 | .. | 16748b |
| 49 | 11799 | 28.5 | −41 20 | 9.0 | 8.9 | B8 | 4 | .. | 40426b |
| 50 | 927 | 28.5 | −79 27 | *9.5* | 9.8 | Fo | 2 | .. | 19008b |
| 51 | 383 | 28.6 | +84 42 | 7.18 | *7.96* | G5 | 5 | 0,3 | 37294i |
| 52 | 3351 | 28.6 | + 2 26 | 8.7 | *9.9* | K5 | 1 | .. | 14180b |
| 53 | 13435 | 28.6 | −23 15 | 10.4 | 10.7 | Ko | 1 | .. | 38104b |
| 54 | 12163 | 28.6 | −26 40 | 8.3 | 9.1 | F5 | 4 | .. | 22826b |
| 55 | 13743 | 28.6 | −29 5 | 9.2 | 9.1 | Go | 4 | .. | 22826b |
| 56 | 12952 | 28.6 | −32 46 | 10.0 | 9.1 | B8 | 2 | .. | 40731b |
| 57 | 11665 | 28.6 | −36 50 | 8.8 | 8.2 | B8 | 4 | .. | 40426b |
| 58 | 11801 | 28.6 | −41 26 | 9.0 | 9.2 | Go | 3 | .. | 40426b |
| 59 | 11851 | 28.6 | −43 5 | 10.1 | 9.9 | Ao | 3 | .. | 21873b |
| 60 | 11892 | 28.6 | −44 16 | 10.3 | 10.4 | A3 | 2 | .. | 21873b |
| 61 | 11891 | 28.6 | −44 57 | 11.6 | 10.1 | B9 | 2 | .. | 21873b |
| 62 | 11690 | 28.6 | −45 39 | 9.7 | 9.7 | G5 | 4 | .. | 21873b |
| 63 | 11858 | 28.6 | −48 53 | 10.6 | 10.3 | Ao | 3 | .. | 21873b |
| 64 | 5988 | 28.6 | −61 43 | 9.1 | 9.8 | G5 | 2 | .. | 39370b |
| 65 | 1357 | 28.7 | +63 58 | 8.8 | *9.4* | Go | 2 | .. | 38536i |
| 66 | 1823 | 28.7 | +59 46 | 8.4 | *9.4* | Ko | 2 | .. | 38505i |
| 67 | 3214 | 28.7 | +16 51 | 7.03 | *8.21* | K5 | 3 | .. | 37827i |
| 68 | 3399 | 28.7 | + 7 23 | 9.1 | *9.9* | G5 | 1 | .. | 11305b |
| 69 | 3400 | 28.7 | + 7 15 | 8.0 | *8.3* | F2 | 7 | .. | 11305b |
| 70 | 3420 | 28.7 | + 5 1 | 9.3 | *9.3* | Ao | 2 | .. | 14180b |
| 71 | 3445 | 28.7 | + 4 52 | 9.3 | *10.5* | K5 | 1 | .. | 14180b |
| 72 | 3356 | 28.7 | − 1 56 | 8.97 | *9.97* | Ko | 3 | .. | 39468b |
| 73 | 4570 | 28.7 | −18 9 | 7.14 | *7.42* | Fo | 10 | .. | 39404b |
| 74 | 4800 | 28.7 | −20 43 | 11.2 | 10.6 | A2 | 2 | .. | 38104b |
| 75 | 11806 | 28.7 | −34 9 | 10.7 | 10.3 | B8 | 2 | .. | 16748b |
| 76 | 11726 | 28.7 | −35 28 | 8.7 | 9.4 | Ko | 4 | 0,3 | 16748b |
| 77 | 11668 | 28.7 | −36 26 | 8.5 | 9.2 | K2 | 3 | .. | 40426b |
| 78 | 11700 | 28.7 | −37 13 | 8.7 | 8.5 | B5 | 5 | .. | 40426b |
| 79 | 11699 | 28.7 | −37 47 | 7.66 | 7.9 | F5 | 5 | .. | 40426b |
| 80 | 12030 | 28.7 | −38 46 | 9.1 | 8.3 | Ao | 6 | .. | 40426b |
| 81 | 12029 | 28.7 | −38 59 | 10.0 | 10.1 | A3 | 2 | .. | 16748b |
| 82 | 11613 | 28.7 | −40 55 | 10.0 | 9.3 | A2 | 2 | .. | 40426b |
| 83 | 11853 | 28.7 | −43 13 | 11.0 | 10.2 | Ko | 2 | .. | 21873b |
| 84 | 11894 | 28.7 | −44 43 | 9.5 | 10.1 | Ko | 2 | .. | 21873b |
| 85 | 11660 | 28.7 | −47 17 | 8.0 | 8.8 | Ko | 7 | .. | 21873b |
| 86 | 8229 | 28.7 | −55 4 | 7.78 | 8.1 | B9 | 8 | .. | 19961b |
| 87 | 932 | 28.8 | +68 34 | 8.4 | *8.5* | A2 | 3 | .. | 38095i |
| 88 | 4408 | 28.8 | −11 6 | 10.5 | *11.1* | G | 1 | .. | 21435b |
| 89 | 4802 | 28.8 | −20 13 | 9.3 | 9.8 | Ko | 4 | .. | 38104b |
| 90 | 4803 | 28.8 | −20 59 | 10.8 | 11.1 | Ao | 2 | .. | 38104b |
| 91 | 14429 | 28.8 | −30 3 | 10.2 | 9.4 | A | 1 | .. | 22826b |
| 92 | 14431 | 28.8 | −30 8 | 8.58 | 9.2 | Ko | 2 | .. | 22826b |
| 93 | 14254 | 28.8 | −31 20 | 9.5 | 9.7 | Ao | 2 | .. | 40731b |
| 94 | 12031 | 28.8 | −38 31 | 8.4 | 8.9 | Ko | 4 | .. | 40426b |
| 95 | 11807 | 28.8 | −41 13 | 10.9 | 9.8 | Ao | 2 | .. | 40426b |
| 96 | 11854 | 28.8 | −43 20 | 10.3 | 9.4 | Ao | 4 | .. | 21873b |
| 97 | 11896 | 28.8 | −44 8 | 9.2 | 9.1 | Ao | 6 | .. | 21873b |
| 98 | 11694 | 28.8 | −45 29 | 10.6 | 10.2 | B9 | 2 | .. | 21873b |
| 99 | 11667 | 28.8 | −46 53 | 9.2 | 9.3 | G5 | 5 | .. | 21873b |
| 100 | 11570 | 28.8 | −49 33 | 9.1 | 9.2 | Ko | 2 | .. | 19961b |



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1922AnHar..97....1C



## 159300 — 17h 28m.8

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11410 | 28.8 | −50 26 | 9.3 | 9.2 | Ao | 4 | .. | 19961b |
| 2 | 2751 | 28.9 | +43 21 | 9.0 | *10.1* | K2 | 2 | .. | 6040m |
| 3 | 3000 | 28.9 | +35 49 | 7.9 | *7.9* | B9 | 6 | .. | 38779i |
| 4 | 2990 | 28.9 | +34 49 | 7.77 | *8.33* | Go | 3 | .. | 38779i |
| 5 | 3401 | 28.9 | + 7 56 | 8.5 | *8.8* | F2 | 5 | .. | 11305b |
| 6 | 3457 | 28.9 | + 1 49 | 9.5 | *9.5* | Ao | 2 | .. | 14180b |
| 7 | 4398 | 28.9 | − 2 59 | 7.15 | *7.65* | F8 | 8 | .. | 39468b |
| 8 | 4612 | 28.9 | − 6 55 | 9.5 | *9.9* | F5 | 2 | .. | 39416b |
| 9 | 13313 | 28.9 | −28 8 | 7.9 | 9.1 | Ko | 3 | .. | 22826b |
| 10 | 14257 | 28.9 | −31 45 | 9.0 | 8.2 | B9 | 5 | .. | 40731b |
| 11 | 12228 | 28.9 | −33 41 | 10.4 | 8.6 | B | 3 | .. | 40731b |
| 12 | 11702 | 28.9 | −37 22 | 6.56 | 6.7 | Ao | 9 | .. | 40426b |
| 13 | 11701 | 28.9 | −37 56 | 9.0 | 10.0 | Ko | 2 | .. | 40426b |
| 14 | 11634 | 28.9 | −39 26 | 10.4 | 10.0 | A2 | 1 | .. | 40426b |
| 15 | 11668 | 28.9 | −46 21 | 9.7 | 10.1 | G5 | 2 | .. | 21873b |
| 16 | 11865 | 28.9 | −48 21 | 10.1 | 9.8 | Ao | 5 | .. | 21873b |
| 17 | 7198 | 28.9 | −58 24 | *9.7* | 9.7 | Ao | 1 | .. | 17453b |
| 18 | 2653 | 29.0 | +49 48 | 8.07 | *9.07* | Ko | 3 | .. | 38778i |
| 19 | 3418 | 29.0 | + 9 22 | 8.5 | *8.8* | Fo | 3 | .. | 11305b |
| 20 | 4554 | 29.0 | −16 33 | 8.8 | *8.8* | B9 | 5 | .. | 39404b |
| 21 | 4571 | 29.0 | −18 36 | 10.3 | *11.1* | G5 | 1 | .. | 39404b |
| 22 | 4654 | 29.0 | −21 9 | 9.2 | 10.7 | K5 | 2 | .. | 38104b |
| 23 | 11897 | 29.0 | −44 39 | 10.6 | 9.9 | A | 2 | R | 21873b |
| 24 | 11898 | 29.0 | −44 40 | Cl. | Cl. | Con. | 5 | R | 21873b |
| 25 | 11672 | 29.0 | −46 59 | 10.1 | 9.0 | A3 | 8 | .. | 21873b |
| 26 | 11866 | 29.0 | −48 38 | 9.1 | 8.3 | Ao | 8 | .. | 21873b |
| 27 | 7200 | 29.0 | −58 16 | 8.0 | 9.2 | Ao | 2 | .. | 17453b |
| 28 | 7086 | 29.0 | −59 22 | 6.8 | 8.8 | K5 | 3 | .. | 20144b |
| 29 | 1358 | 29.1 | +63 57 | 7.43 | *7.99* | Go | 4 | .. | 38505i |
| 30 | 1774 | 29.1 | +57 57 | 6.50 | *7.57* | K2 | 5 | 2,5 | 38505i |
| 31 | 3206 | 29.1 | +24 0 | 8.1 | *9.1* | Ko | 3 | .. | 38780i |
| 32 | 3354 | 29.1 | +19 20 | 5.59 | *6.01* | F5 | 9 | .. | 38780i |
| 33 | 3446 | 29.1 | + 8 11 | 7.6 | *8.2* | Go | 6 | .. | 11305b |
| 34 | 4301 | 29.1 | − 4 55 | 9.15 | *9.65* | F8 | 4 | .. | 39468b |
| 35 | 4852 | 29.1 | −17 27 | 10.8 | *10.9* | A2 | 3 | .. | 39404b |
| 36 | 4572 | 29.1 | −18 11 | 10.1 | *10.2* | A2 | 4 | .. | 39404b |
| 37 | 4573 | 29.1 | −18 16 | 10.3 | *10.3* | Ao | 3 | .. | 39404b |
| 38 | 4655 | 29.1 | −21 25 | 9.9 | 9.9 | Fo | 4 | .. | 38104b |
| 39 | 4656 | 29.1 | −21 48 | 10.8 | 11.1 | Ko | 1 | .. | 38104b |
| 40 | 12037 | 29.1 | −38 2 | 7.05 | 7.2 | A3 | 8 | .. | 40426b |
| 41 | 12035 | 29.1 | −38 24 | 8.0 | 8.6 | K2 | 4 | .. | 40426b |
| 42 | 11639 | 29.1 | −39 16 | 8.4 | 8.3 | A2 | 5 | .. | 40426b |
| 43 | 11858 | 29.1 | −43 40 | 10.3 | 10.1 | Ao | 3 | .. | 21873b |
| 44 | 11699 | 29.1 | −45 8 | 9.72 | 10.8 | K | 1 | .. | 21873b |
| 45 | 11673 | 29.1 | −46 13 | 9.9 | 9.0 | Ao | 6 | .. | 21873b |
| 46 | 11665 | 29.1 | −47 3 | 9.5 | 8.8 | Fo | 8 | .. | 21873b |
| 47 | 11666 | 29.1 | −47 9 | 10.3 | 10.2 | K5 | 1 | .. | 21873b |
| 48 | 3652 | 29.1 | −64 10 | *8.9* | 9.9 | Ko | 1 | .. | 39370b |
| 49 | 2420 | 29.2 | +50 46 | 7.70 | *8.48* | G5 | 3 | .. | 38778i |
| 50 | 2547 | 29.2 | +45 24 | 8.6 | *9.4* | G5 | 6 | 5,1 | 6040m |
| 51 | 2753 | 29.2 | +43 30 | 9.3 | *10.1* | G5 | 3 | .. | 6040m |
| 52 | 2776 | 29.2 | +28 50 | 8.6 | *8.9* | Fo | 3 | .. | 38447i |
| 53 | 3218 | 29.2 | +16 25 | 5.66 | *6.66* | Ko | 10 | .. | 37827i |
| 54 | 3279 | 29.2 | +14 55 | 6.66 | *8.01* | Mb | 5 | .. | 37827i |
| 55 | 3246 | 29.2 | +12 18 | 8.5 | *8.6* | A5 | 1 | .. | 37827i |
| 56 | 3447 | 29.2 | + 8 14 | 8.6 | *9.2* | G | 3 | R | 11305b |
| 57 | 3358 | 29.2 | − 1 42 | 7.9 | *8.4* | F8 | 7 | .. | 14180b |
| 58 | 4411 | 29.2 | −11 10 | 5.56 | *5.51* | B8 | .. | .. | 56,140 |
| 59 | 4659 | 29.2 | −13 42 | 9.0 | *10.2* | K5 | 3 | .. | 21435b |
| 60 | 4658 | 29.2 | −13 47 | 9.5 | *9.5* | Ao | 5 | .. | 21435b |
| 61 | 4371 | 29.2 | −22 15 | 10.8 | 10.6 | G5 | 1 | .. | 38104b |
| 62 | 12293 | 29.2 | −42 41 | 8.9 | 8.0 | Ao | 8 | .. | 21873b |
| 63 | 11859 | 29.2 | −43 33 | 10.6 | 10.4 | Ao | 1 | .. | 21873b |
| 64 | 11700 | 29.2 | −45 13 | 9.7 | 9.9 | Ko | 2 | .. | 21873b |
| 65 | 11676 | 29.2 | −46 41 | 9.9 | 10.5 | Ko | 2 | .. | 21873b |
| 66 | 11667 | 29.2 | −47 26 | 11.6 | *12.6* | Ko | 1 | .. | 21873b |
| 67 | 2928 | 29.2 | −68 6 | *8.2* | 8.2 | Ao | 4 | .. | 42525b |
| 68 | 2941 | 29.3 | +32 2 | 8.8 | *8.9* | A2 | 3 | .. | 38447i |
| 69 | 3165 | 29.3 | +22 17 | 8.7 | *9.9* | K5 | 1 | .. | 38780i |
| 70 | 3360 | 29.3 | − 1 4 | 9.3 | *9.6* | Fo | 2 | .. | 39468b |
| 71 | 3359 | 29.3 | − 1 17 | 10.1 | *11.3* | K5 | 1 | .. | 39468b |
| 72 | 4413 | 29.3 | −11 38 | 8.9 | *9.3* | F5 | 7 | .. | 21435b |
| 73 | 4557 | 29.3 | −16 8 | 9.3 | *9.3* | Ao | 3 | .. | 39404b |
| 74 | 4574 | 29.3 | −18 42 | 10.3 | *10.6* | F | 2 | R | 39404b |
| 75 | 4658 | 29.3 | −21 50 | 10.3 | 10.6 | Ko | 3 | .. | 38104b |
| 76 | 4659 | 29.3 | −21 58 | 6.57 | 6.8 | Ao | 5 | R | 43318b |
| 77 | 4372 | 29.3 | −22 6 | 10.9 | 10.6 | A | 1 | .. | 38104b |
| 78 | 12237 | 29.3 | −33 21 | 8.4 | 10.6 | K5 | 1 | .. | 40731b |
| 79 | 12235 | 29.3 | −33 47 | 8.7 | 8.0 | B9 | 6 | .. | 40731b |
| 80 | 11681 | 29.3 | −36 43 | 8.5 | 7.8 | B8 | 6 | .. | 40426b |
| 81 | 11642 | 29.3 | −39 34 | 9.4 | 9.0 | Ao | 4 | 2,4 | 40426b |
| 82 | 11644 | 29.3 | −39 41 | 9.4 | 9.8 | A | 1 | .. | 40426b |
| 83 | 11822 | 29.3 | −41 57 | 10.4 | 9.3 | A | 2 | .. | 40426b |
| 84 | 11899 | 29.3 | −44 49 | 7.37 | 8.5 | K2 | 7 | .. | 21873b |
| 85 | 11420 | 29.3 | −50 12 | 9.1 | 9.9 | Ko | 1 | .. | 19961b |
| 86 | 521 | 29.4 | +82 49 | 8.8 | *8.8* | Ao | 6 | .. | 37820i |
| 87 | 1889 | 29.4 | +54 26 | 7.08 | *7.08* | Ao | 5 | 0,5 | 38777i |
| 88 | 2548 | 29.4 | +45 47 | 9.8 | *10.8* | Ko | 1 | .. | 6040m |
| 89 | 2549 | 29.4 | +45 19 | 9.5 | *10.3* | G5 | 2 | .. | 6040m |
| 90 | 2754 | 29.4 | +43 18 | 8.8 | *9.2* | F5 | 6 | .. | 6040m |
| 91 | 3248 | 29.4 | +12 36 | 8.1 | *9.1* | Ko | 2 | .. | 37827i |
| 92 | 3352 | 29.4 | + 2 14 | 9.3 | *9.6* | F2 | 2 | .. | 14180b |
| 93 | 4805 | 29.4 | −20 35 | 10.3 | 10.6 | G5 | 1 | .. | 38104b |
| 94 | 4806 | 29.4 | −20 35 | 10.8 | 10.4 | Ao | 2 | .. | 38104b |
| 95 | 13442 | 29.4 | −23 33 | 8.5 | 10.1 | Ko | 3 | .. | 38104b |
| 96 | 13441 | 29.4 | −23 44 | 10.7 | 11.1 | A3 | 1 | .. | 38104b |
| 97 | 13393 | 29.4 | −24 34 | 7.9 | 7.9 | F5 | 7 | .. | 22826b |
| 98 | 11684 | 29.4 | −36 9 | 9.1 | 10.3 | Ko | 1 | .. | 16748b |
| 99 | 11683 | 29.4 | −36 32 | 10.4 | 10.3 | Ao | 2 | .. | 16748b |
| 100 | 12297 | 29.4 | −42 55 | 8.5 | 8.1 | B9 | 6 | .. | 21873b |



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## 159400 — $17^h\ 29^m.4$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11862 | 29.4 | −43 34 | 9.5 | 9.7 | F8 | 4 | .. | 21873b |
| 2 | 11900 | 29.4 | −44 30 | 8.4 | 8.4 | B8 | 8 | .. | 21873b |
| 3 | 11681 | 29.4 | −46 18 | 10.6 | 9.7 | F8 | 3 | .. | 21873b |
| 4 | 11670 | 29.4 | −47 21 | 11.0 | 10.4 | F5 | 1 | .. | 21873b |
| 5 | 11005 | 29.4 | −51 39 | 9.7 | 9.3 | A5 | 4 | .. | 19961b |
| 6 | 10727 | 29.4 | −52 55 | 9.0 | 9.8 | G5 | 3 | .. | 19961b |
| 7 | 2401 | 29.4 | −70 15 | *9.0* | 9.1 | A5 | 4 | .. | 21336b |
| 8 | *1024* | 29.5 | +65 58 | 8.6 | *9.7* | K2 | 2 | .. | 38536i |
| 9 | 2332 | 29.5 | +46 42 | 8.8 | *9.8* | Ko | 4 | .. | 6040m |
| 10 | 2331 | 29.5 | +46 24 | 7.50 | *8.57* | K2 | 8 | 3,2 | 6040m |
| 11 | 3166 | 29.5 | +40 44 | 7.8 | *8.6* | G5 | 2 | .. | 38566i |
| 12 | 3421 | 29.5 | + 9 17 | 9.1 | *9.9* | G5 | 2 | 5,2- | 18982b |
| 13 | 3453 | 29.5 | + 6 36 | 7.9 | *8.9* | Ko | 4 | .. | 11305b |
| 14 | 3447 | 29.5 | + 4 23 | 9.1 | *10.3* | K5 | 1 | .. | 14180b |
| 15 | 4660 | 29.5 | −13 34 | 6.78 | *6.84* | A2 | 6 | .. | 8367b |
| 16 | 4578 | 29.5 | −18 10 | 9.5 | *9.5* | Ao | 5 | .. | 39404b |
| 17 | 4577 | 29.5 | −18 36 | 10.3 | *11.3* | Ko | 1 | .. | 39404b |
| 18 | 14273 | 29.5 | −31 32 | 9.5 | 9.4 | Ao | 2 | .. | 40731b |
| 19 | 11709 | 29.5 | −37 29 | 10.2 | 9.8 | B9 | 2 | .. | 16748b |
| 20 | 11828 | 29.5 | −41 43 | 10.0 | 8.7 | Ao | 3 | .. | 40426b |
| 21 | 11827 | 29.5 | −41 47 | 8.4 | 9.0 | K2 | 2 | .. | 40426b |
| 22 | 11703 | 29.5 | −45 47 | 9.9 | 10.2 | Ko | 1 | .. | 21873b |
| 23 | 11704 | 29.5 | −45 58 | 9.5 | 10.1 | Ko | 2 | .. | 21873b |
| 24 | 11673 | 29.5 | −47 11 | 8.3 | 8.4 | Ko | 8 | .. | 21873b |
| 25 | 11006 | 29.5 | −51 6 | 9.1 | 9.2 | Go | 5 | .. | 19961b |
| 26 | 10728 | 29.5 | −52 36 | 9.0 | 9.9 | K5 | 2 | .. | 19961b |
| 27 | 8696 | 29.5 | −53 20 | 9.1 | 10.4 | Ma | 1 | 0,1 | 19961b |
| 28 | 1360 | 29.6 | +63 50 | 7.28 | *8.35* | K2 | 2 | .. | 38505i |
| 29 | 3721 | 29.6 | + 0 5 | 8.43 | *9.50* | K2 | 4 | .. | 14180b |
| 30 | 4462 | 29.6 | − 7 7 | 9.9 | *10.0* | A2 | 3 | .. | 39416b |
| 31 | 4662 | 29.6 | −13 33 | 10.3 | *10.8* | F8 | 4 | .. | 21435b |
| 32 | 4662 | 29.6 | −19 50 | 8.2 | 9.0 | Ao | 6 | .. | 39404b |
| 33 | 12044 | 29.6 | −38 34 | 4.34 | 6.4 | Ko | .. | R | **28**,212 |
| 34 | 11829 | 29.6 | −41 51 | 8.0 | 8.9 | K2 | 3 | .. | 40426b |
| 35 | 11865 | 29.6 | −43 38 | 11.6 | 10.1 | Ao | 2 | .. | 21873b |
| 36 | 11674 | 29.6 | −47 5 | 9.2 | 9.0 | F2 | 8 | .. | 21873b |
| 37 | 11873 | 29.6 | −48 21 | 10.6 | 9.8 | B9 | 5 | .. | 21873b |
| 38 | 11576 | 29.6 | −49 8 | 10.3 | 8.9 | B9 | 4 | .. | 21873b |
| 39 | 11575 | 29.6 | −49 10 | 7.6 | 7.5 | B9 | 6 | .. | 36507b |
| 40 | 8697 | 29.6 | −53 27 | *10.4* | 10.4 | Ao | 2 | 0,1 | 19961b |
| 41 | 8348 | 29.6 | −56 45 | 7.3 | 7.5 | A3 | 8 | .. | 17453b |
| 42 | 3153 | 29.7 | +21 39 | 7.9 | *9.1* | K5 | 1 | .. | 38780i |
| 43 | 3213 | 29.7 | +15 23 | 8.3 | *8.7* | F5 | 2 | .. | 37827i |
| 44 | 3454 | 29.7 | + 6 29 | 8.9 | *9.0* | A2 | 2 | .. | 11305b |
| 45 | 3448 | 29.7 | + 4 11 | 7.9 | *8.9* | Ko | 7 | .. | 14180b |
| 46 | 3449 | 29.7 | + 3 0 | 9.1 | *9.1* | Ao | 5 | .. | 14180b |
| 47 | 3362 | 29.7 | − 1 32 | 7.9 | *7.9* | Ao | 8 | .. | 14180b |
| 48 | 4615 | 29.7 | − 6 22 | 9.5 | *10.1* | Go | 1 | .. | 39416b |
| 49 | 4614 | 29.7 | − 6 55 | 9.9 | *10.5* | Go | 1 | .. | 39416b |
| 50 | 4778 | 29.7 | −12 17 | 8.2 | *9.0* | G5 | 8 | .. | 21435b |
| 51 | 4664 | 29.7 | −13 55 | 9.2 | *9.2* | Ao | 6 | .. | 21435b |
| 52 | 4691 | 29.7 | −14 17 | 8.8 | *9.8* | Ko | 3 | .. | 21435b |
| 53 | 4810 | 29.7 | −20 45 | 9.0 | 8.4 | Ao | 5 | .. | 38104b |
| 54 | 4808 | 29.7 | −20 55 | 9.5 | 9.8 | F5 | 3 | .. | 38104b |
| 55 | 12246 | 29.7 | −33 14 | 8.7 | 8.9 | B | 3 | .. | 40731b |
| 56 | 11627 | 29.7 | −40 27 | 10.0 | 9.5 | Ao | 2 | .. | 40426b |
| 57 | 11867 | 29.7 | −43 47 | 11.0 | 10.2 | A2 | 2 | .. | 21873b |
| 58 | 11907 | 29.7 | −44 35 | 10.6 | 10.1 | Go | 2 | .. | 21873b |
| 59 | *11906* | 29.7 | −45 0 | 10.6 | 9.7 | B9 | 4 | .. | 21873b |
| 60 | 11708 | 29.7 | −45 31 | 11.0 | 10.1 | F8 | 2 | .. | 21873b |
| 61 | 11676 | 29.7 | −47 34 | 10.6 | 10.2 | A2 | 1 | .. | 21873b |
| 62 | 11579 | 29.7 | −49 20 | 10.1 | 9.5 | G5 | 2 | .. | 19961b |
| 63 | 11577 | 29.7 | −49 59 | 5.86 | 7.5 | Ko | .. | 0,10 | **28**,212 |
| 64 | 1190 | 29.8 | +65 11 | 9.1 | *9.9* | G5 | 1 | .. | 38536i |
| 65 | 1890 | 29.8 | +54 26 | 8.6 | *9.6* | Ko | 3 | .. | 38777i |
| 66 | 3397 | 29.8 | +13 14 | 6.66 | *7.44* | G5 | 7 | .. | 37827i |
| 67 | 3404 | 29.8 | + 7 19 | var. | var. | Ao | 2 | R | 11305b |
| 68 | 3450 | 29.8 | + 3 25 | 8.5 | *9.7* | K5 | 1 | .. | 14180b |
| 69 | 4414 | 29.8 | −11 28 | 8.8 | *10.0* | K5 | 2 | .. | 21435b |
| 70 | 4692 | 29.8 | −14 41 | 9.9 | *9.9* | Ao | 3 | .. | 21435b |
| 71 | 4661 | 29.8 | −21 41 | 10.5 | *11.7* | K5 | 1 | .. | 38104b |
| 72 | 14458 | 29.8 | −30 29 | 8.5 | 9.7 | K2 | 1 | .. | 40731b |
| 73 | 12981 | 29.8 | −32 38 | 9.8 | 8.9 | B8 | 4 | .. | 40731b |
| 74 | 11709 | 29.8 | −45 50 | 8.6 | 8.7 | Ao | 8 | .. | 21873b |
| 75 | 11684 | 29.8 | −46 56 | 10.6 | 10.1 | G5 | 1 | .. | 21873b |
| 76 | 11877 | 29.8 | −48 52 | 10.1 | 9.9 | A5 | 5 | .. | 21873b |
| 77 | 8699 | 29.8 | −53 14 | *9.4* | 10.2 | G5 | 1 | .. | 19961b |
| 78 | 2748 | 29.8 | −69 5 | *8.9* | 9.9 | Ko | 1 | .. | 42525b |
| 79 | 3043 | 29.9 | +26 46 | 8.7 | *9.7* | Ko | 1 | .. | 38447i |
| 80 | 3424 | 29.9 | + 9 39 | 5.77 | *5.83* | A2 | .. | 2,R | **56**,94 |
| 81 | 3456 | 29.9 | + 6 6 | 7.9 | *8.4* | F8 | 6 | .. | 11305b |
| 82 | 3455 | 29.9 | + 6 4 | 8.5 | *9.1* | G | 5 | .. | 11305b |
| 83 | 4129 | 29.9 | − 3 36 | 9.3 | *9.7* | F5 | 1 | .. | 39468b |
| 84 | 4779 | 29.9 | −12 12 | 8.6 | *9.4* | G5 | 4 | .. | 21435b |
| 85 | 4666 | 29.9 | −13 3 | 9.5 | *10.6* | K2 | 2 | .. | 21435b |
| 86 | 4668 | 29.9 | −13 9 | 10.4 | *11.5* | K2 | 1 | .. | 21435b |
| 87 | 4662 | 29.9 | −21 7 | 9.5 | 9.6 | K2 | 3 | .. | 38104b |
| 88 | 11835 | 29.9 | −34 32 | 8.7 | 9.7 | Ko | 2 | .. | 40731b |
| 89 | 11712 | 29.9 | −45 5 | 8.27 | 8.1 | B5 | 8 | .. | 21873b |
| 90 | 11686 | 29.9 | −46 39 | 10.6 | 9.7 | Ao | 3 | .. | 21873b |
| 91 | 11687 | 29.9 | −46 59 | 11.6 | 10.1 | A2 | 1 | .. | 21873b |
| 92 | 8403 | 29.9 | −54 26 | 5.31 | 6.1 | A3 | .. | R | **56**,140 |
| 93 | 6887 | 29.9 | −60 52 | 8.2 | 7.5 | A2 | 9 | .. | 20144b |
| 94 | 4130 | 29.9 | −63 21 | *9.6* | 9.6 | Ao | 2 | .. | 39370b |
| 95 | 1852 | 29.9 | −73 20 | *6.9* | 6.9 | Ao | 10 | .. | 21336b |
| 96 | 1263 | 29.9 | −77 18 | *8.5* | 8.5 | Ao | 6 | .. | 42633b |
| 97 | 2066 | 30.0 | +52 40 | 8.3 | *8.6* | F2 | 3 | .. | 38778i |
| 98 | 2333 | 30.0 | +46 37 | 10.0 | *10.4* | F5 | 2 | .. | 6040m |
| 99 | 2550 | 30.0 | +45 55 | 9.3 | *10.1* | G5 | 4 | .. | 6040m |
| 100 | 2757 | 30.0 | +43 32 | 9.3 | *9.8* | F8 | 3 | .. | 6040m |



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1922AnHar..97....1C



**159500** **17h 30m.0**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 2850 | 30.0 | +41 19 | 5.82 | *6.82* | Ko | 8 | .. | 38566i |
| 2 | 3050 | 30.0 | +29 10 | 8.1 | *8.5* | F5 | 4 | .. | 38447i |
| 3 | 3220 | 30.0 | +16 35 | 6.40 | *6.54* | A5 | 9 | .. | 37827i |
| 4 | 3322 | 30.0 | − 0 32 | 9.1 | *9.1* | B9 | 5 | .. | 14180b |
| 5 | *4781* | 30.0 | −13 1 | 10.2 | *11.0* | G5 | 2 | .. | 21435b |
| 6 | 4579 | 30.0 | −18 30 | 9.3 | *9.3* | Ao | 4 | .. | 39404b |
| 7 | 4812 | 30.0 | −20 12 | 9.3 | 10.1 | Ko | 2 | .. | 38104b |
| 8 | 4375 | 30.0 | −22 28 | 9.0 | 8.6 | B9 | 8 | .. | 38104b |
| 9 | 13334 | 30.0 | −28 30 | 9.0 | 9.4 | Fo | 2 | .. | 22826b |
| 10 | 11717 | 30.0 | −37 23 | 8.8 | 7.9 | A2 | 4 | .. | 40426b |
| 11 | 12049 | 30.0 | −38 52 | 9.8 | 9.8 | F5 | 3 | .. | 16748b |
| 12 | 11662 | 30.0 | −39 31 | 10.4 | 10.0 | A | 1 | .. | 40426b |
| 13 | 11659 | 30.0 | −39 36 | 8.0 | 9.0 | Ko | 3 | .. | 40426b |
| 14 | 11630 | 30.0 | −40 43 | 10.0 | 9.6 | A3 | 2 | .. | 40426b |
| 15 | 11714 | 30.0 | −45 45 | 9.9 | 8.8 | Fo | 6 | .. | 21873b |
| 16 | 7209 | 30.0 | −58 43 | 8.5 | 9.8 | Ko | 1 | .. | 17453b |
| 17 | 469 | 30.0 | −85 11 | 6.44 | 7.4 | F5 | 7 | .. | 43414b |
| 18 | 2728 | 30.1 | +44 28 | 9.8 | *10.4* | Go | 3 | .. | 6040m |
| 19 | *3049* | 30.1 | +28 59 | 8.2 | *8.6* | F5 | 4 | .. | 38447i |
| 20 | 3358 | 30.1 | +19 18 | 7.30 | *7.44* | A5 | 7 | .. | 38780i |
| 21 | 3216 | 30.1 | +15 47 | 8.9 | *9.9* | Ko | 1 | .. | 37827i |
| 22 | 3246 | 30.1 | +10 20 | 8.5 | *8.6* | A2 | 2 | .. | 37827i |
| 23 | 3425 | 30.1 | + 9 30 | 8.1 | *9.1* | Ko | 3 | 2,2 | 11305b |
| 24 | 3449 | 30.1 | + 8 9 | 9.1 | *9.5* | F5 | 2 | .. | 11305b |
| 25 | 4465 | 30.1 | − 5 52 | 7.79 | *7.79* | Ao | 5 | 0,7 | 24207b |
| 26 | 4669 | 30.1 | −13 50 | 9.5 | *10.3* | G5 | 5 | .. | 21435b |
| 27 | 4693 | 30.1 | −14 35 | 7.91 | *9.09* | K5 | 5 | .. | 21435b |
| 28 | 4606 | 30.1 | −15 46 | 9.3 | *10.5* | K5 | 2 | .. | 39404b |
| 29 | 4580 | 30.1 | −18 34 | 9.5 | *10.5* | Ko | 2 | .. | 39404b |
| 30 | 11696 | 30.1 | −36 28 | 8.0 | 9.2 | Ko | 3 | .. | 40426b |
| 31 | 11664 | 30.1 | −39 59 | 10.9 | 9.8 | A2 | 2 | .. | 40426b |
| 32 | 12312 | 30.1 | −42 56 | 2.04 | *2.32* | Fo | .. | R | **28**,212 |
| 33 | 11679 | 30.1 | −47 36 | 11.6 | 10.2 | B8 | 1 | .. | 21873b |
| 34 | 11879 | 30.1 | −48 15 | 11.6 | 10.4 | A2 | 2 | .. | 21873b |
| 35 | 11015 | 30.1 | −51 37 | 9.2 | 10.1 | Ma | 1 | 0,1 | 19961b |
| 36 | 11014 | 30.1 | −51 39 | 9.2 | 9.6 | Fo | 3 | 5,3 | 19961b |
| 37 | 1649 | 30.1 | −74 3 | *9.1* | 9.1 | Ao | 4 | .. | 21336b |
| 38 | 1391 | 30.1 | −75 37 | *8.8* | 8.8 | Ao | 4 | .. | 42633b |
| 39 | 934 | 30.2 | +68 52 | 9.0 | *9.6* | G | 1 | .. | 38095i |
| 40 | *1775* | 30.2 | +56 59 | 8.0 | *9.0* | Ko | 1 | .. | 38015i |
| 41 | 1944 | 30.2 | +55 15 | 4.98 | *5.12* | A5 | .. | 2,9 R | **56**,94 |
| 42 | 2067 | 30.2 | +52 10 | 8.2 | *9.2* | Ko | 3 | .. | 38778i |
| 43 | *2532* | 30.2 | +47 59 | 7.58 | *7.58* | Ao | 7 | .. | 38778i |
| 44 | 2991 | 30.2 | +34 37 | 8.17 | *9.24* | K2 | 2 | .. | 37871i |
| 45 | 4402 | 30.2 | − 2 49 | 7.44 | *7.42* | B9 | 7 | .. | 39468b |
| 46 | 4694 | 30.2 | −14 9 | 10.4 | *10.4* | B8 | 3 | .. | 21435b |
| 47 | 4609 | 30.2 | −15 46 | 10.7 | *10.7* | Ao | 2 | .. | 39404b |
| 48 | 4813 | 30.2 | −20 18 | 8.8 | 9.6 | Ko | 3 | .. | 38104b |
| 49 | 11699 | 30.2 | −36 37 | 9.1 | 10.3 | Ko | 1 | .. | 16748b |
| 50 | 11633 | 30.2 | −40 33 | 9.4 | 9.0 | B9 | 3 | .. | 40426b |
| 51 | 11916 | 30.2 | −44 5 | 9.3 | 9.1 | Ko | 5 | .. | 21873b |
| 52 | 11720 | 30.2 | −45 12 | 10.3 | 9.9 | Go | 2 | .. | 21873b |
| 53 | 11721 | 30.2 | −45 33 | 10.6 | 10.1 | F5 | 3 | .. | 21873b |
| 54 | 11688 | 30.2 | −46 3 | 8.7 | 8.4 | B8 | 9 | .. | 21873b |
| 55 | 11680 | 30.2 | −47 58 | 8.9 | 9.6 | G5 | 6 | .. | 21873b |
| 56 | 7210 | 30.2 | −58 44 | 8.5 | 9.2 | Go | 2 | .. | 17453b |
| 57 | 6889 | 30.2 | −60 37 | 8.8 | 9.5 | Ko | 2 | .. | 17453b |
| 58 | 3343 | 30.2 | −67 47 | 6.59 | 7.3 | G5 | 8 | .. | 42525b |
| 59 | 1776 | 30.3 | +57 15 | 9.1 | *9.5* | F5 | 1 | .. | 38015i |
| 60 | 1945 | 30.3 | +55 14 | 4.95 | *5.09* | A5 | .. | 3,9 R | **56**,94 |
| 61 | 3252 | 30.3 | +12 38 | 2.14 | *2.28* | A5 | .. | R | 6682c |
| 62 | 3451 | 30.3 | + 4 1 | 8.3 | *9.1* | G5 | 6 | .. | 14180b |
| 63 | 3357 | 30.3 | + 2 32 | 9.3 | *9.4* | A2 | 2 | .. | 14180b |
| 64 | 4618 | 30.3 | − 6 3 | 6.75 | *7.75* | Ko | 6 | 0,8 | 24207b |
| 65 | 4416 | 30.3 | −11 48 | 10.4 | *10.4* | A | 3 | .. | 21435b |
| 66 | 4674 | 30.3 | −13 54 | 9.2 | *10.3* | K2 | 4 | .. | 21435b |
| 67 | 4695 | 30.3 | −14 48 | 9.8 | *10.6* | G5 | 2 | .. | 21435b |
| 68 | 4559 | 30.3 | −16 22 | 9.5 | *10.5* | Ko | 2 | .. | 39404b |
| 69 | 4856 | 30.3 | −17 14 | 9.5 | *9.9* | F5 | 3 | .. | 39404b |
| 70 | 13452 | 30.3 | −23 33 | 10.4 | 10.9 | G | 1 | .. | 38104b |
| 71 | 13337 | 30.3 | −28 55 | 8.9 | 8.8 | B9 | 6 | .. | 22826b |
| 72 | 11700 | 30.3 | −36 53 | 10.0 | 9.8 | F8 | 2 | .. | 16748b |
| 73 | 12054 | 30.3 | −38 43 | 8.7 | 8.3 | B5 | 4 | .. | 40426b |
| 74 | 11641 | 30.3 | −40 16 | 7.8 | 8.0 | B8 | 5 | .. | 40426b |
| 75 | 11640 | 30.3 | −40 42 | 8.4 | 9.0 | Ko | 3 | .. | 40426b |
| 76 | 11837 | 30.3 | −41 38 | 9.0 | 9.0 | F8 | 2 | .. | 40426b |
| 77 | 11877 | 30.3 | −43 43 | 10.3 | 10.1 | Ao | 3 | .. | 21873b |
| 78 | 11722 | 30.3 | −45 21 | 9.7 | 9.6 | F8 | 4 | .. | 21873b |
| 79 | 11690 | 30.3 | −46 5 | 9.9 | 10.2 | G5 | 2 | .. | 21873b |
| 80 | 7095 | 30.3 | −59 39 | 9.2 | 9.2 | Ao | 3 | .. | 17453b |
| 81 | 1778 | 30.4 | +57 31 | 8.9 | *8.9* | A | 1 | .. | 38015i |
| 82 | 3515 | 30.4 | +20 5 | 9.00 | *9.06* | A2 | 2 | .. | 38780i |
| 83 | 3361 | 30.4 | +19 12 | 7.9 | *8.3* | F5 | 4 | .. | 38780i |
| 84 | 3219 | 30.4 | +15 24 | 7.9 | *8.9* | Ko | 3 | .. | 37827i |
| 85 | 3426 | 30.4 | + 5 58 | 9.1 | *9.5* | F5 | 1 | .. | 11305b |
| 86 | 3455 | 30.4 | + 3 25 | 9.1 | *10.2* | K2 | 1 | .. | 14180b |
| 87 | 4782 | 30.4 | −12 14 | 9.8 | *10.1* | F2 | 3 | .. | 21435b |
| 88 | 4783 | 30.4 | −12 43 | 8.8 | *9.1* | Fo | 7 | .. | 21435b |
| 89 | 4857 | 30.4 | −17 48 | 7.48 | *8.04* | Go | 9 | .. | 39404b |
| 90 | 4583 | 30.4 | −18 20 | 10.0 | *10.0* | Ao | 3 | .. | 39404b |
| 91 | 4814 | 30.4 | −20 55 | 8.8 | 10.1 | K5 | 3 | .. | 38104b |
| 92 | 4665 | 30.4 | −21 54 | 10.2 | 10.7 | G5 | 1 | .. | 38104b |
| 93 | 4378 | 30.4 | −22 22 | 9.2 | 8.6 | B9 | 7 | .. | 38104b |
| 94 | 14295 | 30.4 | −31 30 | 9.3 | 9.7 | A2 | 3 | .. | 40731b |
| 95 | 13005 | 30.4 | −32 4 | 6.91 | 7.5 | Ao | 9 | .. | 40731b |
| 96 | 11744 | 30.4 | −35 53 | 10.7 | 9.5 | Ao | 1 | .. | 16748b |
| 97 | 11645 | 30.4 | −40 26 | 9.8 | 9.8 | Ko | 1 | .. | 40426b |
| 98 | 11840 | 30.4 | −41 25 | 10.9 | 10.0 | A2 | 1 | .. | 40426b |
| 99 | 11723 | 30.4 | −45 15 | 9.7 | 9.4 | A2 | 6 | .. | 21873b |
| 100 | 11682 | 30.4 | −47 3 | 9.5 | 9.3 | F8 | 6 | .. | 21873b |



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## 159600 — $17^h\,30^m.4$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 10738 | 30.4 | −52 39 | 9.2 | 9.6 | F5 | 3 | .. | 19961b |
| 2 | 8649 | 30.4 | −57 32 | *9.5* | 9.6 | A2 | 3 | .. | 17453b |
| 3 | 7212 | 30.4 | −58 5 | 8.8 | 9.4 | K2 | 2 | .. | 17453b |
| 4 | 7213 | 30.4 | −58 10 | 9.2 | 9.7 | Fo | 2 | .. | 17453b |
| 5 | 1144 | 30.4 | −78 13 | *8.4* | 9.4 | Ko | 3 | .. | 42633b |
| 6 | 661 | 30.5 | +77 11 | 8.6 | *9.4* | G5 | 1 | .. | 37240i |
| 7 | 2658 | 30.5 | +49 26 | 7.27 | *7.27* | Ao | 7 | .. | 38778i |
| 8 | 3054 | 30.5 | +29 49 | 7.71 | *9.06* | Ma | 1 | .. | 38447i |
| 9 | 3279 | 30.5 | +17 52 | 7.9 | *7.9* | Ao | 7 | .. | 38780i |
| 10 | 3400 | 30.5 | +13 12 | 7.23 | *7.23* | Ao | 8 | .. | 37827i |
| 11 | 4620 | 30.5 | − 6 4 | 8.2 | *8.5* | Fo | 5 | 5,5 | 39416b |
| 12 | 4619 | 30.5 | − 6 8 | 8.8 | *9.4* | Go | 3 | .. | 39416b |
| 13 | 4417 | 30.5 | −11 57 | 9.0 | *9.3* | F2 | 6 | .. | 21435b |
| 14 | 4663 | 30.5 | −19 28 | 10.0 | 10.4 | A5 | 1 | .. | 39404b |
| 15 | 13454 | 30.5 | −23 41 | 10.7 | 10.6 | A5 | 2 | .. | 38104b |
| 16 | 13340 | 30.5 | −28 7 | 9.5 | 9.7 | A2 | 1 | .. | 22826b |
| 17 | 11725 | 30.5 | −45 7 | 10.1 | 9.7 | Ao | 4 | .. | 21873b |
| 18 | 11692 | 30.5 | −46 16 | 11.6 | 10.1 | B9 | 5 | .. | 21873b |
| 19 | 11696 | 30.5 | −46 31 | 9.0 | 8.8 | Fo | 8 | .. | 21873b |
| 20 | 11684 | 30.5 | −47 51 | 9.5 | 10.2 | Mb | 1 | .. | 21873b |
| 21 | 11020 | 30.5 | −51 1 | 9.3 | 9.5 | Ao | 3 | .. | 19961b |
| 22 | 8408 | 30.5 | −54 24 | *8.9* | 9.3 | F5 | 3 | .. | 19961b |
| 23 | 1854 | 30.5 | −73 58 | *9.3* | 9.9 | Go | 2 | .. | 21336b |
| 24 | 349 | 30.5 | −86 36 | *9.8* | 10.4 | Go | 3 | .. | 22578b |
| 25 | 2551 | 30.6 | +45 54 | 9.6 | *10.2* | G | 1 | .. | 6040m |
| 26 | 2779 | 30.6 | +28 17 | 7.9 | *7.9* | Ao | 5 | .. | 38447i |
| 27 | 3428 | 30.6 | + 5 5 | 8.26 | *9.61* | Ma | 3 | .. | 14180b |
| 28 | 4308 | 30.6 | − 4 8 | 8.0 | *8.1* | A2 | 5 | .. | 24207b |
| 29 | 4307 | 30.6 | − 4 53 | 9.95 | *10.73* | G5 | 1 | .. | 39468b |
| 30 | 4611 | 30.6 | −15 18 | 10.7 | *10.7* | Ao | 2 | .. | 21435b |
| 31 | 13008 | 30.6 | −32 9 | 8.2 | 8.5 | B9 | 4 | .. | 40731b |
| 32 | 11727 | 30.6 | −37 43 | 8.0 | 7.0 | Fo | 6 | .. | 40426b |
| 33 | *11723* | 30.6 | −38 0 | 6.45 | 7.1 | Ko | 6 | .. | 40426b |
| 34 | 12060 | 30.6 | −38 58 | 10.2 | 9.8 | Ao | 2 | .. | 16748b |
| 35 | 11879 | 30.6 | −43 43 | 11.0 | 9.9 | Ao | 3 | .. | 21873b |
| 36 | 11925 | 30.6 | −44 10 | 11.0 | 9.4 | Ao | 5 | .. | 21873b |
| 37 | 10742 | 30.6 | −52 51 | 8.2 | 8.7 | Ao | 7 | .. | 19961b |
| 38 | 8354 | 30.6 | −56 13 | 8.4 | 9.0 | Ko | 5 | .. | 17453b |
| 39 | 3472 | 30.6 | −65 48 | *8.8* | 8.8 | Ao | 5 | .. | 39370b |
| 40 | 1669 | 30.7 | +61 46 | 8.2 | *9.3* | K2 | 3 | .. | 38505i |
| 41 | 2554 | 30.7 | +45 53 | 9.1 | *10.1* | Ko | 3 | .. | 6040m |
| 42 | 2553 | 30.7 | +45 39 | 8.2 | *9.2* | Ko | 6 | 5,2 | 6040m |
| 43 | 3517 | 30.7 | +20 12 | 8.5 | *9.1* | Go | 3 | .. | 38780i |
| 44 | 3404 | 30.7 | +18 17 | 7.9 | *8.7* | G5 | 3 | .. | 38780i |
| 45 | 3452 | 30.7 | + 4 13 | 8.7 | *9.0* | F2 | 7 | .. | 14180b |
| 46 | 4677 | 30.7 | −13 42 | 8.8 | *9.3* | F8 | 7 | .. | 21435b |
| 47 | 4613 | 30.7 | −15 25 | 8.9 | *10.1* | K5 | 2 | .. | 21435b |
| 48 | 4563 | 30.7 | −16 8 | 9.5 | *10.3* | G5 | 3 | .. | 39404b |
| 49 | 4562 | 30.7 | −16 34 | 10.4 | *10.4* | Ao | 1 | .. | 39404b |
| 50 | *4665* | 30.7 | −20 0 | 8.53 | 8.9 | F5 | 6 | .. | 39404b |
| 51 | 11851 | 30.7 | −34 59 | 9.48 | 10.5 | G5 | 1 | .. | 16748b |
| 52 | 11748 | 30.7 | −35 40 | 8.0 | 8.0 | B8 | 5 | .. | 40426b |
| 53 | 11731 | 30.7 | −37 53 | 10.0 | 9.0 | Ao | 3 | 2,2 | 16748b |
| 54 | 11648 | 30.7 | −40 45 | 7.6 | 8.1 | F5 | 7 | .. | 40426b |
| 55 | 11649 | 30.7 | −40 48 | 10.0 | 9.5 | Ao | 1 | .. | 40426b |
| 56 | 12320 | 30.7 | −42 30 | 7.7 | 7.4 | G5 | 9 | .. | 21873b |
| 57 | 8243 | 30.7 | −55 31 | *8.9* | 9.0 | A2 | 4 | .. | 19961b |
| 58 | 1264 | 30.7 | −77 34 | *8.6* | 9.1 | F8 | 3 | .. | 42633b |
| 59 | 2555 | 30.8 | +45 23 | 8.17 | *8.45* | Fo | 4 | 0,7 | 38566i |
| 60 | 3463 | 30.8 | + 1 4 | 7.64 | *7.59* | B8 | 9 | .. | 14180b |
| 61 | 4564 | 30.8 | −16 34 | 9.5 | *10.3* | G5 | 3 | .. | 39404b |
| 62 | 4565 | 30.8 | −16 34 | 10.9 | *11.5* | Go | 1 | .. | 39404b |
| 63 | 4818 | 30.8 | −20 53 | 8.1 | 8.1 | A2 | 6 | .. | 38104b |
| 64 | 13787 | 30.8 | −29 48 | 9.7 | 10.0 | Ko | 1 | .. | 22826b |
| 65 | 12063 | 30.8 | −38 40 | 10.9 | 9.6 | A3 | 2 | .. | 16748b |
| 66 | 12065 | 30.8 | −38 52 | 9.4 | 10.1 | Ko | 1 | .. | 16748b |
| 67 | 11848 | 30.8 | −41 30 | 10.9 | 10.0 | A2 | 1 | .. | 40426b |
| 68 | 11849 | 30.8 | −41 36 | 10.0 | 9.5 | A5 | 1 | .. | 40426b |
| 69 | 10745 | 30.8 | −52 19 | *9.7* | 9.8 | A3 | 3 | .. | 19961b |
| 70 | 8413 | 30.8 | −54 59 | 8.78 | 9.9 | Ma | 2 | 0,1- | 37596b |
| 71 | 1193 | 30.9 | +65 25 | 8.8 | *8.9* | A3 | 1 | .. | 38536i |
| 72 | 2759 | 30.9 | +43 43 | 9.8 | *10.8* | Ko | 1 | .. | 6040m |
| 73 | 3404 | 30.9 | +13 26 | 7.7 | *7.8* | A3 | 4 | .. | 37827i |
| 74 | 3204 | 30.9 | +11 26 | 7.7 | *8.9* | K5 | 1 | .. | 37827i |
| 75 | 3429 | 30.9 | + 5 35 | 9.5 | *10.1* | Go | 1 | .. | 11305b |
| 76 | 4132 | 30.9 | − 3 37 | 8.1 | *9.2* | K2 | 3 | .. | 24207b |
| 77 | 4578 | 30.9 | − 9 44 | 9.3 | *9.8* | F8 | 3 | .. | 21435b |
| 78 | 4679 | 30.9 | −13 46 | 10.2 | *11.3* | K2 | 1 | .. | 21435b |
| 79 | 4678 | 30.9 | −13 58 | 8.4 | *8.5* | A3 | 8 | .. | 21435b |
| 80 | 4860 | 30.9 | −17 20 | 10.4 | *10.8* | F5 | 2 | .. | 39404b |
| 81 | 11750 | 30.9 | −27 2 | 8.5 | 9.9 | K2 | 1 | .. | 22826b |
| 82 | 13015 | 30.9 | −32 7 | 9.1 | 9.4 | F8 | 2 | .. | 40731b |
| 83 | 11858 | 30.9 | −34 34 | 8.7 | 9.5 | K2 | 1 | .. | 40731b |
| 84 | 11750 | 30.9 | −35 17 | 7.6 | 8.0 | B2 | 4 | .. | 40426b |
| 85 | 11714 | 30.9 | −36 4 | 10.2 | 9.2 | Ao | 2 | .. | 16748b |
| 86 | 12067 | 30.9 | −38 28 | 10.9 | 9.8 | Ao | 2 | .. | 16748b |
| 87 | 11888 | 30.9 | −43 42 | 10.6 | 10.1 | Ao | 3 | .. | 21873b |
| 88 | 11731 | 30.9 | −45 9 | 10.3 | 10.1 | G5 | 3 | .. | 21873b |
| 89 | 11703 | 30.9 | −46 34 | 11.6 | 10.1 | A2 | 3 | .. | 21873b |
| 90 | 11892 | 30.9 | −48 1 | 11.6 | 10.6 | Ao | 3 | .. | 21873b |
| 91 | 10747 | 30.9 | −52 12 | *9.7* | 9.8 | A3 | 2 | .. | 19961b |
| 92 | 8415 | 30.9 | −54 24 | *9.3* | 9.3 | B9 | 3 | .. | 19961b |
| 93 | 1856 | 30.9 | −73 33 | *9.1* | 9.7 | Go | 3 | .. | 21336b |
| 94 | 2729 | 31.0 | +44 33 | 9.5 | *10.0* | F8 | 3 | .. | 6040m |
| 95 | 2948 | 31.0 | +32 29 | 7.8 | *7.9* | A2 | 5 | 0,4 | 38447i |
| 96 | 3430 | 31.0 | + 5 45 | 9.1 | *9.5* | F5 | 1 | .. | 11305b |
| 97 | 3456 | 31.0 | + 3 29 | 9.5 | *9.5* | Ao | 2 | .. | 14180b |
| 98 | 4680 | 31.0 | −13 50 | 11.1 | *11.2* | A2 | 2 | .. | 21435b |
| 99 | 4861 | 31.0 | −17 54 | 9.0 | *9.3* | F2 | 3 | .. | 39404b |
| 100 | 4379 | 31.0 | −22 35 | 10.0 | 11.3 | K2 | 1 | .. | 38104b |



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**159700** **17h 31m.0**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4380 | 31.0 | −22 45 | 10.7 | 10.1 | A2 | 2 | .. | 38104b |
| 2 | 11863 | 31.0 | −34 17 | 6.89 | 7.1 | Fo | 8 | .. | 40731b |
| 3 | 11860 | 31.0 | −34 22 | 10.0 | 8.9 | A | 3 | .. | 40731b |
| 4 | 11734 | 31.0 | −37 48 | 7.05 | 7.3 | G5 | 7 | .. | 40426b |
| 5 | 11682 | 31.0 | −39 8 | 8.7 | 9.3 | G5 | 2 | .. | 40426b |
| 6 | 11654 | 31.0 | −40 3 | 8.94 | 9.0 | Ao | 4 | .. | 40426b |
| 7 | 12327 | 31.0 | −42 49 | 5.96 | 6.5 | B9 | .. | .. | 56,140 |
| 8 | *11931* | 31.0 | −45 1 | 11.6 | 10.5 | Ao | 2 | .. | 21873b |
| 9 | 6895 | 31.0 | −60 3 | 8.22 | 8.8 | Ao | 5 | .. | 20144b |
| 10 | 4131 | 31.0 | −63 42 | *9.3* | 9.6 | Fo | 2 | .. | 39370b |
| 11 | 845 | 31.1 | +71 22 | 8.4 | *8.4* | Ao | 3 | .. | 38095i |
| 12 | 935 | 31.1 | +68 50 | 8.07 | *9.25* | K5 | 1 | .. | 38095i |
| 13 | 2760 | 31.1 | +43 35 | 8.6 | *9.6* | Ko | 3 | .. | 6040m |
| 14 | 3212 | 31.1 | +24 25 | 7.40 | *8.58* | K5 | 3 | .. | 38780i |
| 15 | 3428 | 31.1 | + 9 19 | 9.1 | *9.2* | A2 | 2 | .. | 11305b |
| 16 | 3726 | 31.1 | + 0 30 | 9.3 | *9.7* | F5 | 2 | .. | 14180b |
| 17 | 4696 | 31.1 | −14 26 | 9.2 | *9.3* | A5 | 5 | .. | 21435b |
| 18 | 4614 | 31.1 | −15 37 | 9.8 | *11.2* | Ma | 1 | .. | 39404b |
| 19 | 4585 | 31.1 | −18 7 | 10.0 | *11.0* | Ko | 3 | .. | 39404b |
| 20 | 4669 | 31.1 | −19 46 | 10.4 | 10.9 | K2 | 1 | .. | 39404b |
| 21 | 4820 | 31.1 | −20 39 | 10.0 | 10.4 | Go | 3 | .. | 39404b |
| 22 | 13400 | 31.1 | −24 32 | 8.3 | 8.8 | F8 | 4 | .. | 22826b |
| 23 | 14497 | 31.1 | −30 6 | 10.0 | 9.7 | Ao | 1 | .. | 22826b |
| 24 | 11741 | 31.1 | −37 21 | 8.4 | 8.1 | Ao | 4 | .. | 40426b |
| 25 | 11739 | 31.1 | −37 35 | 10.0 | 8.9 | Ao | 3 | .. | 16748b |
| 26 | 11706 | 31.1 | −46 14 | 9.3 | 10.1 | K5 | 3 | .. | 21873b |
| 27 | 11687 | 31.1 | −47 21 | 10.6 | 10.8 | G5 | 1 | .. | 21873b |
| 28 | 11896 | 31.1 | −48 3 | 79.9 | 9.8 | Fo | 6 | .. | 21873b |
| 29 | 7101 | 31.1 | −59 12 | 9.0 | 9.4 | Go | 3 | .. | 17453b |
| 30 | 6004 | 31.1 | −61 5 | *99.7* | 9.7 | Ao | 2 | .. | 39370b |
| 31 | 1204 | 31.2 | +64 35 | 8.2 | *9.3* | K2 | 1 | .. | 38505i |
| 32 | 3006 | 31.2 | +35 56 | 8.12 | *9.12* | Ko | 2 | .. | 37871i |
| 33 | 2996 | 31.2 | +34 48 | 6.82 | *7.10* | Fo | 6 | .. | 37871i |
| 34 | 3519 | 31.2 | +20 46 | var. | var. | Mb | .. | R | M |
| 35 | 3286 | 31.2 | +14 20 | 8.02 | *8.02* | Ao | 5 | .. | 37827i |
| 36 | 3256 | 31.2 | +12 6 | 7.04 | *8.22* | K5 | 3 | .. | 37827i |
| 37 | 3456 | 31.2 | + 4 55 | 8.85 | *9.85* | Ko | 4 | .. | 14180b |
| 38 | 4579 | 31.2 | − 9 10 | 9.2 | *9.3* | A5 | 3 | .. | 21435b |
| 39 | 4580 | 31.2 | − 9 46 | 8.8 | *9.2* | F5 | 5 | .. | 21435b |
| 40 | *4419* | 31.2 | −12 1 | 8.8 | *9.9* | K2 | 3 | .. | 21435b |
| 41 | 4697 | 31.2 | −14 43 | 8.7 | *9.5* | G5 | 6 | .. | 21435b |
| 42 | 4616 | 31.2 | −15 53 | 9.8 | *10.8* | Ko | 1 | .. | 39404b |
| 43 | 4586 | 31.2 | −18 56 | 7.34 | *8.12* | G5 | 7 | .. | 39404b |
| 44 | 13464 | 31.2 | −23 30 | 10.2 | 10.4 | B9 | 2 | .. | 38104b |
| 45 | 13463 | 31.2 | −23 37 | 10.4 | 10.7 | A2 | 1 | .. | 38104b |
| 46 | 13401 | 31.2 | −24 30 | 9.3 | 9.5 | F2 | 3 | .. | 38104b |
| 47 | 13354 | 31.2 | −28 11 | 9.5 | 10.0 | G5 | 1 | .. | 22826b |
| 48 | 11742 | 31.2 | −37 39 | 9.4 | 8.6 | Ao | 4 | .. | 16748b |
| 49 | 11933 | 31.2 | −44 49 | 7.73 | 9.3 | K2 | 6 | .. | 21873b |
| 50 | 10749 | 31.2 | −52 14 | *9.2* | 9.8 | G | 2 | .. | 19961b |
| 51 | 10748 | 31.2 | −52 18 | 8.7 | 9.3 | A3 | 4 | .. | 19961b |
| 52 | 8704 | 31.2 | −53 9 | 7.7 | 8.1 | A3 | 9 | .. | 19961b |
| 53 | 3474 | 31.2 | −65 1 | *8.5* | 9.1 | Go | 4 | .. | 39370b |
| 54 | 713 | 31.3 | +74 34 | 8.17 | *8.51* | F2 | 2 | .. | 38095i |
| 55 | 2762 | 31.3 | +43 43 | 9.5 | *10.3* | G5 | 2 | .. | 6040m |
| 56 | 3410 | 31.3 | + 7 5 | 8.1 | *9.3* | K5 | 3 | .. | 11305b |
| 57 | 3458 | 31.3 | + 3 8 | 9.1 | *10.1* | Ko | 3 | .. | 14180b |
| 58 | 3467 | 31.3 | + 1 17 | 7.8 | *8.8* | Ko | 3 | .. | 14180b |
| 59 | 4408 | 31.3 | − 2 8 | 8.7 | *9.1* | F5 | 5 | .. | 39468b |
| 60 | 4420 | 31.3 | −11 46 | 10.4 | *11.2* | G5 | 1 | .. | 21435b |
| 61 | 4567 | 31.3 | −16 32 | 9.5 | *9.5* | B9 | 3 | R | 39404b |
| 62 | | 31.3 | −16 32 | | | B9 | 3 | | |
| 63 | 4669 | 31.3 | −21 39 | 10.7 | 10.4 | A3 | 2 | .. | 38104b |
| 64 | 11868 | 31.3 | −34 44 | 10.2 | 9.0 | G5 | 3 | .. | 40731b |
| 65 | 11721 | 31.3 | −36 31 | 9.4 | 8.6 | Ao | 4 | .. | 40426b |
| 66 | 11746 | 31.3 | −37 2 | 9.3 | 8.9 | Ko | 2 | .. | 40426b |
| 67 | 11934 | 31.3 | −44 20 | 9.5 | 9.3 | B5 | 7 | .. | 21873b |
| 68 | 11935 | 31.3 | −44 40 | 10.3 | 10.1 | Go | 2 | .. | 21873b |
| 69 | 11738 | 31.3 | −45 9 | 9.9 | 9.6 | Fo | 4 | .. | 21873b |
| 70 | 11688 | 31.3 | −47 7 | 9.3 | 8.8 | Ao | 8 | .. | 21873b |
| 71 | 8420 | 31.3 | −54 7 | 9.1 | 9.9 | K2 | 1 | .. | 19961b |
| 72 | 8368 | 31.3 | −56 49 | 8.6 | 8.1 | B9 | 5 | .. | 17453b |
| 73 | 7102 | 31.3 | −59 41 | 9.2 | 9.7 | Ko | 1 | .. | 17453b |
| 74 | 5657 | 31.3 | −62 6 | *8.7* | 9.7 | Ko | 3 | .. | 39370b |
| 75 | 3475 | 31.3 | −65 16 | *8.4* | 9.0 | Go | 6 | .. | 39370b |
| 76 | 2931 | 31.3 | −68 58 | *7.5* | 7.6 | A2 | 7 | .. | 42525b |
| 77 | 2731 | 31.4 | +44 2 | 9.6 | *9.7* | A2 | 3 | .. | 6040m |
| 78 | 3205 | 31.4 | +11 23 | 7.6 | *8.7* | K2 | 2 | .. | 37827i |
| 79 | 3463 | 31.4 | + 6 42 | 8.7 | *8.8* | A5 | 3 | .. | 11305b |
| 80 | 4670 | 31.4 | −21 29 | 9.5 | 9.5 | Ao | 4 | .. | 38104b |
| 81 | *4671* | 31.4 | −22 1 | 10.4 | 10.4 | Ao | 3 | .. | 38104b |
| 82 | 13359 | 31.4 | −28 22 | 7.9 | 7.7 | Ao | 7 | .. | 22826b |
| 83 | 13358 | 31.4 | −28 35 | 8.7 | 8.8 | B9 | 4 | .. | 22826b |
| 84 | 14505 | 31.4 | −30 51 | 7.9 | 8.5 | F8 | 5 | .. | 40731b |
| 85 | 11725 | 31.4 | −36 11 | 10.9 | 9.2 | F8 | 1 | .. | 16748b |
| 86 | 11726 | 31.4 | −36 32 | 8.1 | 8.7 | Ko | 3 | .. | 40426b |
| 87 | 11687 | 31.4 | −39 8 | 10.0 | 10.0 | K2 | 1 | .. | 16748b |
| 88 | 11662 | 31.4 | −40 1 | 9.24 | 9.2 | Ao | 3 | .. | 40426b |
| 89 | 11663 | 31.4 | −40 8 | 9.74 | 9.2 | A5 | 2 | .. | 40426b |
| 90 | 11853 | 31.4 | −41 39 | 10.0 | 9.6 | A2 | 1 | .. | 40426b |
| 91 | 11740 | 31.4 | −45 28 | 9.7 | 9.7 | Go | 4 | .. | 21873b |
| 92 | 11709 | 31.4 | −46 15 | 9.9 | 9.0 | B3 | 6 | .. | 21873b |
| 93 | 11033 | 31.4 | −51 9 | 9.1 | 8.3 | Ao | 9 | .. | 19961b |
| 94 | 8421 | 31.4 | −54 14 | *9.0* | 9.0 | Ao | 5 | .. | 19961b |
| 95 | 8246 | 31.4 | −55 3 | 9.48 | 10.2 | Ko | 1 | 5,1 | 37621b |
| 96 | *2856* | 31.5 | +40 59 | 7.16 | *7.16* | Ao | 7 | .. | 38566i |
| 97 | 3372 | 31.5 | +19 54 | 6.68 | *7.46* | G5 | 7 | .. | 38780i |
| 98 | 3429 | 31.5 | + 9 47 | 7.37 | *8.37* | Ko | 2 | .. | 37827i |
| 99 | 4466 | 31.5 | − 8 58 | 9.8 | *10.6* | G5 | 1 | .. | 21435b |
| 100 | 4682 | 31.5 | −13 56 | 7.7 | *8.0* | F2 | 9 | .. | 21435b |



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## 159800 — $17^h\,31^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4699 | 31.5 | −14 14 | 9.2 | *9.2* | Ao | 6 | .. | 21435b |
| 2 | 4568 | 31.5 | −16 40 | 9.2 | *9.2* | B9 | 5 | .. | 39404b |
| 3 | 12194 | 31.5 | −26 41 | 10.0 | 9.5 | Ao | 3 | .. | 38104b |
| 4 | 13805 | 31.5 | −29 59 | 9.48 | 8.9 | Ao | 2 | .. | 22826b |
| 5 | 14326 | 31.5 | −31 47 | 10.2 | 9.7 | A2 | 1 | .. | 40731b |
| 6 | 11855 | 31.5 | −41 47 | 10.0 | 9.5 | Ao | 1 | .. | 40426b |
| 7 | 12334 | 31.5 | −42 40 | 7.4 | 7.2 | Ao | 10 | .. | 21873b |
| 8 | 11938 | 31.5 | −44 2 | 8.4 | 8.2 | F5 | 8 | .. | 21873b |
| 9 | 11742 | 31.5 | −45 42 | 7.5 | 8.4 | G5 | 8 | .. | 21873b |
| 10 | 8423 | 31.5 | −54 18 | 8.0 | 8.4 | K2 | 6 | .. | 19961b |
| 11 | 3478 | 31.5 | −65 28 | *8.3* | 9.1 | G5 | 5 | .. | 39370b |
| 12 | 935 | 31.6 | +70 52 | 8.9 | *9.7* | G5 | 1 | .. | 38095i |
| 13 | 2501 | 31.6 | +47 0 | 8.4 | *9.4* | Ko | 6 | .. | 6040m |
| 14 | 2763 | 31.6 | +43 35 | 8.2 | *9.6* | Ma | 4 | 5,1 | 6040m |
| 15 | 4468 | 31.6 | − 8 20 | 9.2 | *9.8* | Go | 2 | .. | 21435b |
| 16 | 4421 | 31.6 | −11 30 | 9.8 | *10.2* | F5 | 2 | .. | 21435b |
| 17 | 4685 | 31.6 | −13 20 | 10.0 | *10.5* | F8 | 3 | .. | 21435b |
| 18 | 4684 | 31.6 | −13 53 | 10.2 | *11.2* | Ko | 1 | .. | 21435b |
| 19 | *4672* | 31.6 | −20 0 | 9.18 | 9.8 | Ao | 3 | .. | 39404b |
| 20 | 4823 | 31.6 | −20 37 | 8.4 | 8.9 | G5 | 5 | .. | 38104b |
| 21 | 13363 | 31.6 | −28 5 | 8.9 | 9.5 | Ko | 1 | .. | 22826b |
| 22 | 13806 | 31.6 | −29 25 | 9.5 | 9.7 | Ao | 2 | .. | 22826b |
| 23 | 13033 | 31.6 | −32 20 | 10.2 | 9.9 | Ao | 2 | .. | 40731b |
| 24 | 11752 | 31.6 | −37 37 | 10.9 | 9.0 | Ao | 2 | .. | 16748b |
| 25 | 11711 | 31.6 | −46 25 | 11.6 | 10.4 | Go | 2 | .. | 21873b |
| 26 | 11691 | 31.6 | −47 30 | 11.0 | 9.9 | Fo | 3 | .. | 21873b |
| 27 | 8422 | 31.6 | −54 56 | 8.62 | 9.3 | K5 | 2 | .. | 19961b |
| 28 | 6006 | 31.6 | −61 55 | 9.2 | 9.4 | Ao | 4 | .. | 39370b |
| 29 | 2407 | 31.6 | −70 49 | *9.6* | 9.6 | Ao | 2 | .. | 21336b |
| 30 | *2085* | 31.6 | −73 1 | *8.4* | 9.0 | Go | 4 | .. | 21336b |
| 31 | 511 | 31.7 | +83 47 | 8.6 | *8.7* | A2 | 5 | 2,7 | 37294i |
| 32 | 1205 | 31.7 | +64 20 | 8.8 | *8.9* | A2 | 1 | .. | 38505i |
| 33 | 2765 | 31.7 | +43 28 | 7.34 | *8.41* | K2 | 4 | .. | 38566i |
| 34 | 3157 | 31.7 | +21 4 | 5.82 | *5.88* | A2 | 9 | .. | 38780i |
| 35 | 3469 | 31.7 | + 1 2 | 9.49 | *9.49* | Ao | 4 | .. | 14180b |
| 36 | 3366 | 31.7 | − 1 48 | 9.1 | *9.7* | Go | 3 | .. | 39468b |
| 37 | 4135 | 31.7 | − 3 17 | 9.5 | *10.3* | G5 | 2 | .. | 39468b |
| 38 | 4581 | 31.7 | − 9 27 | 9.3 | *9.9* | Go | 3 | .. | 21435b |
| 39 | 4619 | 31.7 | −15 37 | 8.9 | *9.0* | A2 | 5 | .. | 21435b |
| 40 | 4620 | 31.7 | −15 57 | 9.5 | *10.0* | F8 | 4 | .. | 39404b |
| 41 | 4825 | 31.7 | −20 59 | 9.5 | 9.8 | Ao | 3 | .. | 38104b |
| 42 | 4674 | 31.7 | −21 12 | 8.3 | 8.0 | Fo | 7 | .. | 38104b |
| 43 | 13469 | 31.7 | −23 20 | 7.9 | 8.4 | F2 | 6 | .. | 38104b |
| 44 | 13404 | 31.7 | −24 39 | 9.5 | 10.8 | Ko | 1 | .. | 38104b |
| 45 | 13405 | 31.7 | −24 54 | 8.65 | 8.6 | B8 | 4 | .. | 22826b |
| 46 | 13037 | 31.7 | −32 49 | 7.8 | 7.5 | B9 | 7 | .. | 40731b |
| 47 | 12296 | 31.7 | −33 33 | 10.9 | 9.2 | Ao | 2 | .. | 40731b |
| 48 | 11755 | 31.7 | −37 51 | 9.4 | 8.9 | B5 | 4 | .. | 16748b |
| 49 | 11665 | 31.7 | −40 59 | 9.8 | 10.0 | K2 | 1 | .. | 40426b |
| 50 | 11040 | 31.7 | −51 3 | 11.6 | 9.8 | Ao | 1 | .. | 19961b |
| 51 | 8425 | 31.7 | −54 35 | 8.6 | 9.6 | K5 | 2 | .. | 19961b |
| 52 | 8426 | 31.7 | −54 47 | 9.0 | 9.0 | Ao | 6 | .. | 19961b |
| 53 | 6898 | 31.7 | −60 7 | 8.62 | 8.5 | B9 | 5 | .. | 20144b |
| 54 | .. | 31.8 | +54 2 | var. | var. | Md | .. | R | M |
| 55 | 2335 | 31.8 | +46 23 | 9.8 | *10.8* | Ko | 1 | .. | 6040m |
| 56 | 2951 | 31.8 | +32 42 | 8.7 | *8.8* | A2 | 2 | .. | 38447i |
| 57 | 3413 | 31.8 | + 7 27 | 7.9 | *8.0* | A3 | 5 | .. | 11305b |
| 58 | 3434 | 31.8 | + 5 52 | 9.3 | *9.8* | F8 | 2 | .. | 11305b |
| 59 | 3459 | 31.8 | + 4 28 | 8.9 | *8.9* | Ao | 5 | .. | 14180b |
| 60 | 4410 | 31.8 | − 2 42 | 8.8 | *8.9* | A2 | 4 | .. | 39468b |
| 61 | 4312 | 31.8 | − 4 29 | 9.8 | *9.8* | A | 1 | .. | 39468b |
| 62 | 4787 | 31.8 | −12 28 | 9.5 | *10.0* | F8 | 4 | .. | 21435b |
| 63 | 4702 | 31.8 | −14 34 | 10.4 | *10.5* | A5 | 2 | .. | 21435b |
| 64 | 4864 | 31.8 | −17 46 | 8.8 | *8.6* | Bo | 5 | .. | 39404b |
| 65 | 13407 | 31.8 | −24 53 | 10.2 | 9.9 | Ko | 2 | .. | 38104b |
| 66 | 11758 | 31.8 | −37 2 | 10.4 | 10.0 | Fo | 3 | .. | 16748b |
| 67 | 12343 | 31.8 | −42 46 | 10.3 | 9.2 | Ao | 4 | .. | 21873b |
| 68 | 11901 | 31.8 | −43 5 | 7.5 | 8.2 | G5 | 8 | .. | 21873b |
| 69 | 1650 | 31.8 | −74 56 | 9.13 | 9.7 | K2 | 1 | .. | 19008b |
| 70 | 1780 | 31.9 | +57 38 | 6.17 | *6.51* | F2 | 7 | 0,8 R | 38505i |
| 71 | 2901 | 31.9 | +36 10 | 8.6 | *9.7* | K2 | 1 | .. | 38779i |
| 72 | 3431 | 31.9 | + 9 12 | 8.3 | *9.3* | Ko | 2 | .. | 11305b |
| 73 | 3468 | 31.9 | + 6 56 | 9.0 | *9.6* | Go | 1 | .. | 11305b |
| 74 | 4468 | 31.9 | − 7 59 | 7.51 | *7.51* | Ao | 8 | .. | 39416b |
| 75 | 4469 | 31.9 | − 8 40 | 9.0 | *9.5* | F8 | 3 | .. | 21435b |
| 76 | 4621 | 31.9 | −15 20 | 3.64 | *3.78* | A5 | .. | R | 2906c |
| 77 | 4622 | 31.9 | −15 30 | 5.92 | *6.06* | A5 | 9 | .. | 39404b |
| 78 | 4623 | 31.9 | −15 46 | 9.2 | *10.3* | K2 | 1 | .. | 39404b |
| 79 | 4569 | 31.9 | −16 18 | 9.5 | *10.0* | F8 | 2 | .. | 39404b |
| 80 | 4826 | 31.9 | −20 36 | 9.2 | 8.9 | Ao | 5 | .. | 38104b |
| 81 | 11764 | 31.9 | −27 59 | 7.02 | 8.5 | K5 | 3 | .. | 22826b |
| 82 | 14332 | 31.9 | −31 56 | 9.5 | 9.7 | G5 | 1 | .. | 40731b |
| 83 | 13040 | 31.9 | −32 33 | 10.2 | 10.0 | Ko | 1 | .. | 40731b |
| 84 | 11671 | 31.9 | −40 7 | 9.28 | 9.8 | Ko | 2 | .. | 40426b |
| 85 | 11908 | 31.9 | −48 15 | 9.5 | 9.5 | A2 | 6 | .. | 21873b |
| 86 | 2165 | 31.9 | −71 25 | *9.3* | 9.6 | Fo | 3 | .. | 21336b |
| 87 | 3002 | 32.0 | +34 17 | 8.1 | *9.1* | Ko | 3 | .. | 37871i |
| 88 | 3412 | 32.0 | +18 36 | 8.4 | *9.0* | G | 1 | E | 38780i |
| 89 | 3411 | 32.0 | +13 20 | 7.14 | *8.14* | Ko | 5 | 0,5 | 38781i |
| 90 | 3459 | 32.0 | + 3 21 | 9.1 | *9.9* | G5 | 2 | .. | 14180b |
| 91 | 4413 | 32.0 | − 2 49 | 7.44 | *8.22* | G5 | 7 | .. | 24207b |
| 92 | 4865 | 32.0 | −17 11 | 9.8 | *10.2* | F5 | 3 | .. | 39404b |
| 93 | 4675 | 32.0 | −21 27 | 10.0 | 9.8 | F8 | 2 | .. | 38104b |
| 94 | 4383 | 32.0 | −22 31 | 7.76 | 7.7 | Fo | 8 | .. | 38104b |
| 95 | 13472 | 32.0 | −23 3 | 9.5 | *10.7* | K5 | 1 | .. | 38104b |
| 96 | 13043 | 32.0 | −32 22 | 10.2 | 9.2 | Ao | 2 | .. | 40731b |
| 97 | *13044* | 32.0 | −33 0 | 8.4 | 7.6 | B9 | 5 | .. | 40731b |
| 98 | 12083 | 32.0 | −38 39 | 10.7 | 10.1 | Ao | 1 | .. | 16748b |
| 99 | 11670 | 32.0 | −40 58 | 8.4 | 8.4 | A3 | 4 | .. | 40426b |
| 100 | 11903 | 32.0 | −43 27 | 9.5 | 10.5 | G5 | 3 | .. | 21873b |



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1922AnHar..97....1C



## 159900 — 17h 32m.0

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | .. | 32.0 | −44 6 | Neb. | Neb. | Pd | .. | R | 76,23 |
| 2 | 11748 | 32.0 | −45 49 | 9.5 | 9.1 | G5 | 7 | .. | 21873b |
| 3 | 11910 | 32.0 | −48 40 | 10.3 | 10.1 | F8 | 3 | .. | 21873b |
| 4 | 6009 | 32.0 | −61 19 | 9.0 | 9.5 | Ao | 4 | 2,2 | 39370b |
| 5 | 3344 | 32.0 | −67 17 | *9.4* | 10.8 | Mb | .. | .. | M |
| 6 | 925 | 32.1 | +69 39 | 7.32 | *8.32* | Ko | 5 | .. | 38095i |
| 7 | 3227 | 32.1 | +16 28 | 7.66 | *7.66* | Ao | 5 | .. | 37827i |
| 8 | 3412 | 32.1 | +13 53 | 6.80 | *6.88* | A3 | 9 | .. | 37827i |
| 9 | 3250 | 32.1 | +10 38 | 7.9 | *8.7* | G5 | 4 | .. | 37827i |
| 10 | *4788* | 32.1 | −13 0 | 9.5 | *9.9* | F5 | 4 | .. | 21435b |
| 11 | 4687 | 32.1 | −13 11 | 10.4 | *11.4* | Ko | 2 | .. | 21435b |
| 12 | 4677 | 32.1 | −21 31 | 9.3 | 9.2 | F8 | 5 | .. | 38104b |
| 13 | *4676* | 32.1 | −22 2 | 10.7 | 10.7 | G5 | 1 | .. | 38104b |
| 14 | 13474 | 32.1 | 23 15 | 10.2 | 10.4 | B9 | 2 | .. | 38104b |
| 15 | 13409 | 32.1 | −24 13 | 10.4 | 9.9 | Ao | 2 | .. | 38104b |
| 16 | 13376 | 32.1 | −28 12 | 10.0 | 9.4 | Ao | 2 | .. | 22826b |
| 17 | 13047 | 32.1 | −32 25 | 9.4 | 9.1 | Go | 2 | .. | 40731b |
| 18 | 13046 | 32.1 | −32 56 | 8.5 | 8.0 | Ao | 5 | .. | 40731b |
| 19 | 12301 | 32.1 | −33 59 | 8.8 | 9.7 | K2 | 1 | .. | 40731b |
| 20 | 11765 | 32.1 | −35 24 | 10.0 | 8.9 | B9 | 3 | .. | 16748b |
| 21 | 11448 | 32.1 | −50 31 | 9.3 | 9.6 | F8 | 2 | .. | 19961b |
| 22 | 10757 | 32.1 | −52 18 | 9.1 | 9.6 | Ao | 3 | .. | 19961b |
| 23 | 7224 | 32.1 | −58 57 | 9.0 | 10.0 | Ko | 1 | .. | 17453b |
| 24 | 1858 | 32.1 | −73 6 | *9.1* | 9.5 | F5 | 2 | .. | 21336b |
| 25 | 2908 | 32.2 | +37 22 | 6.15 | *7.15* | Ko | 6 | 0,7 | 38779i |
| 26 | 2787 | 32.2 | +28 14 | 6.48 | *7.66* | K5 | 6 | .. | 38447i |
| 27 | 3251 | 32.2 | +10 6 | 7.87 | *7.87* | Ao | 3 | .. | 37827i |
| 28 | 4414 | 32.2 | − 2 57 | 8.9 | *9.9* | Ko | 2 | .. | 39468b |
| 29 | 4688 | 32.2 | −13 41 | 9.3 | *10.5* | K5 | 3 | .. | 21435b |
| 30 | 4703 | 32.2 | −14 4 | 10.4 | *10.4* | Ao | 4 | .. | 21435b |
| 31 | 4828 | 32.2 | −20 30 | 9.5 | 10.4 | Ko | 1 | .. | 39404b |
| 32 | 4384 | 32.2 | −22 42 | 10.2 | 10.8 | Ko | 2 | .. | 38104b |
| 33 | 13477 | 32.2 | −23 9 | 9.5 | 9.5 | A5 | 3 | .. | 38104b |
| 34 | 13475 | 32.2 | −23 28 | 10.0 | 11.1 | K2 | 1 | .. | 38104b |
| 35 | 13410 | 32.2 | −24 17 | 11.4 | 10.3 | Ao | 1 | .. | 38104b |
| 36 | 11891 | 32.2 | −34 40 | 10.0 | 8.9 | Ao | 3 | .. | 16748b |
| 37 | 11763 | 32.2 | −37 43 | 7.16 | 7.7 | Ko | 5 | .. | 40426b |
| 38 | 11701 | 32.2 | −39 46 | 9.4 | 9.0 | Ao | 3 | .. | 40426b |
| 39 | 11677 | 32.2 | −40 15 | 9.4 | 9.8 | Ko | 1 | .. | 40426b |
| 40 | 11866 | 32.2 | −41 40 | 8.7 | 9.5 | Ko | 1 | .. | 40426b |
| 41 | 11904 | 32.2 | −43 6 | 7.9 | 9.3 | K2 | 5 | .. | 21873b |
| 42 | 11946 | 32.2 | −44 14 | 10.6 | 9.9 | Ao | 2 | .. | 21873b |
| 43 | 11949 | 32.2 | −44 43 | 11.6 | 10.1 | Ao | 2 | .. | 21873b |
| 44 | 11948 | 32.2 | −44 50 | 10.6 | 10.1 | F8 | 2 | .. | 21873b |
| 45 | 11715 | 32.2 | −46 52 | 11.0 | 9.6 | A2 | 5 | .. | 21873b |
| 46 | 4133 | 32.2 | −63 42 | *9.1* | 9.9 | G5 | 1 | .. | 39370b |
| 47 | 2537 | 32.3 | +48 7 | 8.9 | *9.0* | A2 | 2 | .. | 38778i |
| 48 | 3308 | 32.3 | +25 41 | 7.27 | *8.27* | Ko | 4 | .. | 38447i |
| 49 | 3144 | 32.3 | +23 56 | 8.9 | *10.0* | K2 | 1 | .. | 38780i |
| 50 | 4674 | 32.3 | −19 55 | 8.78 | 10.4 | K5 | 2 | .. | 39404b |
| 51 | 13411 | 32.3 | −24 21 | 11.2 | 10.0 | G | 1 | .. | 38104b |
| 52 | 14340 | 32.3 | −31 2 | 10.9 | 9.2 | Ao | 2 | .. | 40731b |
| 53 | 11768 | 32.3 | −35 56 | 8.5 | 8.1 | Ao | 5 | .. | 40426b |
| 54 | 11736 | 32.3 | −36 21 | 8.5 | 8.3 | A2 | 4 | .. | 40426b |
| 55 | 12085 | 32.3 | −38 58 | 10.0 | 9.5 | Ao | 2 | .. | 40426b |
| 56 | 11870 | 32.3 | −41 25 | 9.0 | 9.5 | G5 | 1 | .. | 40426b |
| 57 | 12348 | 32.3 | −42 10 | 9.2 | 9.6 | G5 | 1 | .. | 19911b |
| 58 | 11905 | 32.3 | −43 48 | 7.7 | 8.2 | B8 | 10 | .. | 21873b |
| 59 | 11755 | 32.3 | −45 52 | 8.4 | 8.4 | B8 | 8 | .. | 21873b |
| 60 | 11696 | 32.3 | −47 37 | 9.7 | 9.1 | Ao | 5 | .. | 21873b |
| 61 | 11914 | 32.3 | −48 41 | 10.6 | 10.4 | Ao | 3 | .. | 21873b |
| 62 | 10760 | 32.3 | −52 45 | 8.5 | 8.7 | A3 | 7 | .. | 19961b |
| 63 | 7106 | 32.3 | −59 51 | 8.52 | 8.3 | A2 | 6 | .. | 20144b |
| 64 | 2086 | 32.3 | −72 10 | 6.66 | 6.7 | F5 | 9 | .. | 21336b |
| 65 | 930 | 32.3 | −79 40 | *9.4* | 9.4 | Ao | 3 | .. | 43458b |
| 66 | 938 | 32.4 | +68 12 | 5.21 | *6.21* | Ko | .. | 0,R | 56,94 |
| 67 | 1739 | 32.4 | +58 50 | 8.8 | *8.8* | A | 1 | .. | 38505i |
| 68 | 2849 | 32.4 | +27 39 | 6.57 | *7.92* | Ma | 6 | .. | 38447i |
| 69 | 3210 | 32.4 | +11 44 | 8.1 | *9.2* | K2 | 1 | .. | 37827i |
| 70 | 3419 | 32.4 | + 7 24 | 8.5 | *9.1* | Go | 3 | .. | 11305b |
| 71 | 3418 | 32.4 | + 7 1 | 8.9 | *8.9* | Ao | 2 | .. | 11305b |
| 72 | 3470 | 32.4 | + 6 30 | 8.1 | *8.6* | F8 | 4 | .. | 11305b |
| 73 | 3327 | 32.4 | − 0 59 | 8.5 | *8.5* | Ao | 6 | .. | 14180b |
| 74 | 4142 | 32.4 | − 3 12 | Cl. | Cl. | Con. | .. | 0,R | M |
| 75 | 4472 | 32.4 | − 8 3 | 4.65 | *4.60* | B8 | .. | R | 56,94 |
| 76 | *4592* | 32.4 | −19 1 | 10.2 | 10.4 | Ao | 2 | .. | 39404b |
| 77 | 4679 | 32.4 | −21 20 | 9.8 | 10.1 | Go | 3 | .. | 38104b |
| 78 | 4680 | 32.4 | −21 27 | 10.2 | 11.1 | Ma | 1 | .. | 38104b |
| 79 | 14531 | 32.4 | −30 4 | 8.74 | 8.9 | G5 | 3 | .. | 22826b |
| 80 | 14342 | 32.4 | −31 27 | 9.5 | 9.7 | Ao | 2 | .. | 40731b |
| 81 | 11898 | 32.4 | −34 25 | 7.26 | 7.7 | F5 | 7 | .. | 40731b |
| 82 | 11703 | 32.4 | −39 6 | 10.4 | 9.8 | Ao | 1 | .. | 40426b |
| 83 | 11875 | 32.4 | −41 35 | 9.0 | 9.0 | Fo | 2 | .. | 40426b |
| 84 | 12350 | 32.4 | −42 43 | 8.6 | 8.6 | F5 | 6 | .. | 21873b |
| 85 | 12349 | 32.4 | −42 55 | 8.5 | 8.0 | Fo | 8 | .. | 21873b |
| 86 | 11915 | 32.4 | −48 47 | 10.1 | 10.7 | K5 | 2 | .. | 21873b |
| 87 | 11452 | 32.4 | −50 31 | 9.7 | 9.5 | B8 | 3 | .. | 19961b |
| 88 | 8710 | 32.4 | −53 45 | 9.2 | 9.7 | F5 | 3 | .. | 19961b |
| 89 | 8667 | 32.4 | −57 3 | *9.3* | 9.3 | Ao | 2 | .. | 17453b |
| 90 | 8665 | 32.4 | −57 50 | 9.0 | 10.4 | Ko | 1 | .. | 17453b |
| 91 | 6013 | 32.4 | −61 9 | *9.3* | 9.8 | F8 | 2 | .. | 39370b |
| 92 | 5663 | 32.4 | −62 17 | *9.1* | 9.1 | B9 | 4 | .. | 39370b |
| 93 | 2966 | 32.5 | +38 4 | 7.9 | *8.9* | Ko | 1 | .. | 38779i |
| 94 | 3289 | 32.5 | +14 55 | 7.64 | *8.64* | Ko | 3 | .. | 37829i |
| 95 | 3471 | 32.5 | + 6 22 | 9.1 | *9.5* | F5 | 2 | .. | 11305b |
| 96 | 3731 | 32.5 | + 0 50 | 9.8 | *10.1* | F2 | 2 | .. | 14180b |
| 97 | 3367 | 32.5 | − 1 35 | 9.1 | *9.4* | Fo | 3 | .. | 39468b |
| 98 | 4593 | 32.5 | −18 35 | 10.7 | *10.7* | Ao | 1 | .. | 39404b |
| 99 | 11904 | 32.5 | −34 45 | 10.9 | 9.3 | Ao | 2 | .. | 16748b |
| 100 | 11774 | 32.5 | −35 53 | 9.4 | 9.2 | A2 | 2 | .. | 40426b |



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## 160000

## $17^h\,32^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | *m.* | ° ′ | | | | | | |
| 1 | 11707 | 32.5 | −39 17 | 7.18 | 8.0 | Go | 6 | .. | 40426b |
| 2 | 11708 | 32.5 | −39 43 | 7.6 | 8.1 | F5 | 5 | .. | 40426b |
| 3 | 11877 | 32.5 | −41 5 | 8.4 | 8.9 | K2 | 2 | .. | 40426b |
| 4 | 11952 | 32.5 | −44 12 | 10.6 | 10.1 | Ao | 3 | .. | 21873b |
| 5 | 11723 | 32.5 | −46 32 | 11.0 | 9.9 | Ao | 4 | .. | 21873b |
| 6 | 11724 | 32.5 | −46 49 | 10.1 | 9.4 | Ao | 5 | .. | 21873b |
| 7 | 11698 | 32.5 | −47 9 | 11.0 | 9.9 | Ao | 2 | .. | 21873b |
| 8 | 8378 | 32.5 | −56 50 | 9.0 | 9.3 | Ao | 4 | .. | 17453b |
| 9 | 1215 | 32.5 | −76 56 | *8.8* | 9.9 | K2 | 1 | .. | 19008b |
| 10 | 264 | 32.6 | +86 57 | 8.04 | *8.38* | F2 | 3 | .. | 37294i |
| 11 | 648 | 32.6 | +76 47 | 8.2 | *8.8* | Go | 1 | .. | 37240i |
| 12 | 2337 | 32.6 | +46 13 | 8.8 | *9.2* | F5 | 1 | .. | 38566i |
| 13 | *3526* | 32.6 | +19 58 | 8.50 | *9.28* | G5 | 1 | .. | 38780i |
| 14 | 4143 | 32.6 | − 3 42 | 8.2 | *8.3* | A3 | 5 | *3,3* | 39468b |
| 15 | 4467 | 32.6 | − 5 7 | 9.75 | *10.25* | F8 | 2 | .. | 39468b |
| 16 | 4471 | 32.6 | − 7 14 | 9.8 | *9.8* | A | 1 | .. | 39416b |
| 17 | 4473 | 32.6 | − 8 58 | 7.74 | *8.30* | Go | 8 | .. | 21435b |
| 18 | 4528 | 32.6 | −10 52 | 5.92 | *6.92* | Ko | .. | .. | **56**,140 |
| 19 | 4705 | 32.6 | −14 59 | 10.0 | *10.1* | A2 | 3 | .. | 21435b |
| 20 | 4575 | 32.6 | −16 14 | 9.8 | *9.8* | B9 | 4 | .. | 39404b |
| 21 | 4574 | 32.6 | −16 29 | 10.4 | *10.4* | Ao | 3 | .. | 39404b |
| 22 | 4869 | 32.6 | −17 4 | 10.0 | *10.5* | F8 | 2 | .. | 39404b |
| 23 | 13482 | 32.6 | −23 59 | 9.2 | 9.6 | A5 | 4 | .. | 38104b |
| 24 | 11906 | 32.6 | −34 49 | 10.4 | 9.3 | Fo | 2 | .. | 16748b |
| 25 | 12092 | 32.6 | −38 51 | 9.3 | 9.3 | Ao | 2 | .. | 40426b |
| 26 | 11911 | 32.6 | −43 13 | 10.6 | 9.6 | Ao | 4 | .. | 21873b |
| 27 | 11953 | 32.6 | −44 42 | 10.3 | 9.6 | F2 | 4 | .. | 21873b |
| 28 | 11763 | 32.6 | −45 5 | 9.12 | 9.9 | K2 | 4 | .. | 21873b |
| 29 | 11725 | 32.6 | −46 28 | 10.6 | 10.2 | Ko | 2 | .. | 21873b |
| 30 | 11699 | 32.6 | −47 31 | 10.6 | 10.2 | G5 | 2 | .. | 21873b |
| 31 | 11615 | 32.6 | −49 11 | 10.1 | 10.1 | Fo | 4 | .. | 21873b |
| 32 | 11616 | 32.6 | −49 21 | 4.84 | 5.7 | F5 | .. | R | **28**,212 |
| 33 | .. | 32.6 | −53 37 | Cl. | Cl. | Con. | 6 | R | 19961b |
| 34 | 512 | 32.7 | +83 25 | 7.46 | *7.96* | F8 | 5 | *3,8* | 37240i |
| 35 | 3212 | 32.7 | +11 22 | 8.1 | *8.6* | F8 | 1 | .. | 37827i |
| 36 | 3456 | 32.7 | + 8 2 | 9.8 | *9.9* | A2 | 1 | .. | 11305b |
| 37 | 4476 | 32.7 | − 8 3 | 9.3 | *9.4* | A2 | 5 | .. | 39416b |
| 38 | 4475 | 32.7 | − 8 4 | 8.7 | *8.7* | B9 | 7 | .. | 39416b |
| 39 | *4789* | 32.7 | −13 0 | 9.8 | *10.1* | Fo | 4 | .. | 21435b |
| 40 | 4628 | 32.7 | −15 50 | 9.8 | *10.6* | G5 | 1 | .. | 39404b |
| 41 | *4627* | 32.7 | −16 0 | 9.5 | *9.5* | Ao | 5 | .. | 39404b |
| 42 | 4682 | 32.7 | −21 51 | 6.72 | 6.8 | Go | 4 | .. | 43318b |
| 43 | 13387 | 32.7 | −28 21 | 7.41 | 8.2 | F5 | 7 | .. | 22826b |
| 44 | 13059 | 32.7 | −32 4 | 10.4 | 9.9 | A2 | 3 | .. | 40731b |
| 45 | 11777 | 32.7 | −35 21 | 10.4 | 9.5 | Go | 1 | .. | 16748b |
| 46 | 11765 | 32.7 | −37 19 | 8.7 | 8.6 | F2 | 2 | .. | 40426b |
| 47 | 12094 | 32.7 | −38 20 | 10.0 | 8.9 | G5 | 3 | .. | 40426b |
| 48 | *11881* | 32.7 | −42 1 | 9.0 | 8.4 | A2 | 4 | .. | 40426b |
| 49 | 11764 | 32.7 | −45 9 | 11.6 | 9.9 | Ao | 5 | .. | 21873b |
| 50 | 8259 | 32.7 | −55 3 | *9.8* | 9.9 | A3 | 1 | .. | 37621b |
| 51 | 8668 | 32.7 | −57 10 | *9.9* | 9.9 | Ao | 2 | .. | 17453b |
| 52 | 1019 | 32.8 | +67 3 | 7.8 | *8.1* | F2 | 2 | .. | 38095i |
| 53 | 1557 | 32.8 | +62 46 | 8.8 | *9.9* | K2 | 1 | .. | 38536i |
| 54 | 3033 | 32.8 | +30 51 | 5.76 | *5.82* | A2 | 10 | .. | 38447i |
| 55 | 3051 | 32.8 | +26 36 | 9.1 | *9.7* | Go | 1 | .. | 38447i |
| 56 | 3527 | 32.8 | +20 20 | 7.90 | *8.04* | A5 | 4 | .. | 38780i |
| 57 | 3381 | 32.8 | +19 23 | 8.4 | *8.5* | A2 | 3 | E | 38780i |
| 58 | 3264 | 32.8 | +12 36 | 8.6 | *9.0* | F5 | 2 | .. | 38781i |
| 59 | 4691 | 32.8 | −13 16 | 10.2 | *11.3* | K2 | 1 | .. | 21435b |
| 60 | 4690 | 32.8 | −13 22 | 9.2 | *10.3* | K2 | 3 | .. | 21435b |
| 61 | 4707 | 32.8 | −14 3 | 8.0 | *9.4* | Ma | 6 | .. | 21435b |
| 62 | *4708* | 32.8 | −15 1 | 10.4 | *10.4* | B9 | 4 | .. | 21435b |
| 63 | 4830 | 32.8 | −20 54 | 9.5 | 9.2 | B8 | 5 | .. | 39404b |
| 64 | 4684 | 32.8 | −21 36 | 9.5 | 10.7 | K5 | 1 | .. | 38104b |
| 65 | 12318 | 32.8 | −33 35 | 8.4 | 9.1 | B | 2 | .. | 40731b |
| 66 | 11913 | 32.8 | −34 5 | 10.4 | 8.9 | Ao | 3 | .. | 40731b |
| 67 | 11911 | 32.8 | −34 50 | 10.2 | 9.2 | A3 | 2 | .. | 16748b |
| 68 | 11782 | 32.8 | −35 10 | 9.68 | 9.2 | B | 1 | .. | 16748b |
| 69 | 11689 | 32.8 | −40 13 | 8.0 | 8.3 | B8 | 6 | .. | 40426b |
| 70 | 11913 | 32.8 | −43 25 | 10.3 | 10.1 | A5 | 2 | .. | 21873b |
| 71 | 11617 | 32.8 | −49 39 | 7.5 | 8.7 | Ko | 8 | .. | 21873b |
| 72 | 10767 | 32.8 | −52 34 | 7.7 | 9.0 | Ko | 6 | .. | 19961b |
| 73 | 2408 | 32.8 | −70 11 | *8.4* | 9.6 | K5 | 2 | .. | 42525b |
| 74 | 2087 | 32.8 | −72 44 | *8.2* | 9.3 | K2 | 4 | .. | 21336b |
| 75 | 1218 | 32.8 | −76 59 | *9.7* | 9.7 | Ao | 1 | .. | 19008b |
| 76 | 634 | 32.9 | +75 42 | 8.17 | *8.59* | F5 | 1 | E | 38095i |
| 77 | 846 | 32.9 | +71 18 | 7.76 | *8.83* | K2 | 2 | .. | 38095i |
| 78 | 1764 | 32.9 | +60 9 | 8.2 | *8.6* | F5 | 4 | .. | 38505i |
| 79 | 3419 | 32.9 | +18 21 | 8.6 | *8.6* | A | 2 | E | 38780i |
| 80 | 3457 | 32.9 | + 8 41 | 8.5 | *9.6* | K2 | 2 | .. | 11305b |
| 81 | 3475 | 32.9 | + 6 32 | 9.0 | *9.5* | F8 | 2 | .. | 11305b |
| 82 | 4478 | 32.9 | − 8 14 | 9.5 | *10.5* | Ko | 2 | .. | 39416b |
| 83 | 4791 | 32.9 | −12 19 | 9.3 | *10.3* | Ko | 4 | .. | 21435b |
| 84 | 4709 | 32.9 | −14 32 | 9.8 | *9.9* | A2 | 5 | .. | 21435b |
| 85 | 4710 | 32.9 | −14 39 | 9.5 | *10.5* | Ko | 4 | .. | 21435b |
| 86 | 4711 | 32.9 | −14 46 | 10.7 | *10.8* | A3 | 2 | .. | 21435b |
| 87 | 4595 | 32.9 | −18 7 | 9.5 | *10.3* | G5 | 2 | .. | 39404b |
| 88 | 4831 | 32.9 | −20 41 | 9.5 | 9.5 | Fo | 5 | .. | 39404b |
| 89 | 12213 | 32.9 | −26 52 | 7.4 | 7.7 | Go | 7 | .. | 22826b |
| 90 | 11783 | 32.9 | −27 23 | 8.1 | 9.1 | Ao | 3 | .. | 22826b |
| 91 | 14542 | 32.9 | −30 45 | 9.0 | 9.7 | G5 | 1 | .. | 40731b |
| 92 | 14357 | 32.9 | −31 2 | 10.2 | 9.4 | Ao | 2 | .. | 40731b |
| 93 | 13066 | 32.9 | −32 9 | 9.4 | 9.1 | Ao | 3 | .. | 40731b |
| 94 | 13068 | 32.9 | −32 18 | 10.2 | 8.8 | Ao | 4 | .. | 40731b |
| 95 | 12319 | 32.9 | −33 29 | 8.7 | 8.0 | B8 | 3 | .. | 40731b |
| 96 | 12097 | 32.9 | −38 19 | 8.0 | 8.4 | Ko | 4 | .. | 40426b |
| 97 | 11915 | 32.9 | −43 40 | 9.7 | 9.3 | B9 | 5 | .. | 21873b |
| 98 | 11958 | 32.9 | −44 26 | 10.6 | 10.5 | A2 | 3 | .. | 21873b |
| 99 | 11729 | 32.9 | −46 28 | 9.0 | 8.2 | Ao | 9 | .. | 21873b |
| 100 | 11730 | 32.9 | −46 38 | 10.6 | 10.1 | A5 | 5 | .. | 21873b |



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## 160100 — $17^h 32^m.9$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11704 | 32.9 | −47 10 | 11.6 | 10.1 | A2 | 2 | .. | 21873b |
| 2 | 11705 | 32.9 | −47 50 | 10.6 | 9.9 | Ao | 3 | .. | 21873b |
| 3 | 8381 | 32.9 | −56 15 | 9.0 | 10.2 | Ko | 1 | .. | 17453b |
| 4 | 3736 | 33.0 | + 0 41 | 9.3 | *10.5* | K5 | 1 | .. | 14180b |
| 5 | 4425 | 33.0 | −11 28 | 9.5 | *10.7* | K5 | 2 | .. | 21435b |
| 6 | 4631 | 33.0 | −15 44 | 10.4 | *10.4* | Ao | 1 | .. | 39404b |
| 7 | 4677 | 33.0 | −19 29 | 8.6 | 8.6 | F5 | 7 | .. | 39404b |
| 8 | 13829 | 33.0 | −29 28 | 6.78 | 7.6 | Ko | 8 | .. | 22826b |
| 9 | 13830 | 33.0 | −29 54 | 7.50 | 8.0 | B8 | 8 | .. | 22826b |
| 10 | 11691 | 33.0 | −40 30 | 10.9 | 9.6 | A3 | 1 | .. | 40426b |
| 11 | 11731 | 33.0 | −46 13 | 11.6 | 10.2 | Ao | 2 | .. | 21873b |
| 12 | 11732 | 33.0 | −46 43 | 11.6 | 10.2 | A2 | 2 | .. | 21873b |
| 13 | 11619 | 33.0 | −49 54 | 7.43 | 8.4 | G5 | 10 | .. | 21873b |
| 14 | 8382 | 33.0 | −56 56 | *9.9* | 9.9 | Ao | 2 | .. | 17453b |
| 15 | 564 | 33.0 | −84 22 | *8.8* | 8.8 | Ao | 4 | .. | 14161b |
| 16 | 2339 | 33.1 | +46 41 | 8.0 | *8.0* | Ao | 3 | .. | 38778i |
| 17 | 3064 | 33.1 | +29 57 | 8.11 | *8.11* | Ao | 4 | .. | 38447i |
| 18 | 3146 | 33.1 | +23 29 | 8.2 | *9.3* | K2 | 2 | .. | 38780i |
| 19 | 3368 | 33.1 | − 1 6 | 9.1 | *9.5* | F5 | 4 | .. | 39468b |
| 20 | *4418* | 33.1 | − 3 1 | 10.2 | *10.3* | A3 | 2 | .. | 39468b |
| 21 | 13486 | 33.1 | −23 25 | 9.5 | 10.4 | K2 | 2 | .. | 38104b |
| 22 | 13397 | 33.1 | −28 20 | 10.2 | 9.5 | Ao | 2 | .. | 22826b |
| 23 | 13832 | 33.1 | −29 17 | 8.9 | 9.1 | Ao | 3 | .. | 22826b |
| 24 | 13072 | 33.1 | −32 16 | 7.03 | 7.2 | B5 | .. | 3,6 | **56**,140 |
| 25 | 12323 | 33.1 | −33 5 | 10.7 | 9.2 | B9 | 1 | .. | 40731b |
| 26 | 11770 | 33.1 | −37 11 | 10.2 | 8.9 | Go | 2 | .. | 16748b |
| 27 | 11718 | 33.1 | −39 54 | 7.88 | 8.0 | A2 | 5 | .. | 40426b |
| 28 | 11696 | 33.1 | −40 26 | 9.8 | 9.8 | G5 | 1 | .. | 40426b |
| 29 | 11734 | 33.1 | −46 17 | 10.6 | 9.6 | A3 | 3 | R | 21873b |
| 30 | 11925 | 33.1 | −48 51 | 11.0 | 10.1 | Ao | 4 | .. | 21873b |
| 31 | 11926 | 33.1 | −48 58 | 11.0 | 10.3 | Ao | 4 | .. | 21873b |
| 32 | 10769 | 33.1 | −52 49 | *10.2* | 10.3 | A5 | 1 | .. | 37621b |
| 33 | 8727 | 33.1 | −53 46 | 8.8 | 9.6 | G5 | 2 | .. | 19961b |
| 34 | 1558 | 33.2 | +63 25 | 9.0 | *9.0* | Ao | 1 | .. | 38505i |
| 35 | 3172 | 33.2 | +22 25 | 8.5 | *9.1* | Go | 3 | .. | 38780i |
| 36 | 3167 | 33.2 | +21 12 | 8.7 | *8.8* | A5 | 3 | E | 38780i |
| 37 | 3531 | 33.2 | +20 40 | 7.48 | *7.76* | Fo | 5 | .. | 38780i |
| 38 | 3214 | 33.2 | +11 45 | 8.0 | *8.1* | A5 | 3 | .. | 37827i |
| 39 | 3254 | 33.2 | +10 18 | 8.9 | *9.3* | F5 | 1 | .. | 38781i |
| 40 | 3476 | 33.2 | + 6 32 | 8.1 | *8.1* | B8 | 7 | .. | 11305b |
| 41 | 3464 | 33.2 | + 4 32 | 8.0 | *8.0* | Ao | 6 | .. | 11305b |
| 42 | 4479 | 33.2 | − 8 47 | 8.8 | *8.8* | Ao | 6 | .. | 21435b |
| 43 | 4632 | 33.2 | −15 20 | 10.4 | *10.4* | Ao | 3 | .. | 21435b |
| 44 | 4597 | 33.2 | −18 40 | 9.8 | *9.8* | Ao | 3 | .. | 39404b |
| 45 | 13400 | 33.2 | −28 26 | 10.2 | 9.9 | A | 1 | .. | 22826b |
| 46 | 12100 | 33.2 | −38 59 | 10.7 | 9.8 | Ao | 2 | .. | 16748b |
| 47 | 11721 | 33.2 | −39 9 | 7.49 | 7.7 | B8 | 7 | .. | 40426b |
| 48 | 11722 | 33.2 | −39 35 | 8.7 | 8.9 | A3 | 3 | .. | 40426b |
| 49 | 11918 | 33.2 | −43 13 | 10.1 | 9.9 | G5 | 3 | .. | 21873b |
| 50 | 11917 | 33.2 | −43 48 | 8.22 | 8.8 | F2 | 7 | .. | 21873b |
| 51 | 11771 | 33.2 | −45 55 | 9.7 | 10.1 | G5 | 4 | .. | 21873b |
| 52 | 11710 | 33.2 | −47 19 | 9.5 | 8.7 | B8 | 8 | .. | 21873b |
| 53 | 11709 | 33.2 | −47 33 | 11.6 | 10.4 | Ao | 2 | .. | 21873b |
| 54 | 7229 | 33.2 | −58 46 | 8.6 | 9.1 | Ko | 4 | .. | 17453b |
| 55 | 1953 | 33.3 | +55 4 | 8.86 | *8.86* | Ao | 1 | .. | 38777i |
| 56 | 2539 | 33.3 | +48 16 | 8.9 | *9.0* | A3 | 1 | .. | 38778i |
| 57 | 3423 | 33.3 | + 7 7 | 9.1 | *10.3* | K5 | 1 | .. | 11305b |
| 58 | 3478 | 33.3 | + 6 16 | 8.3 | *9.1* | G5 | 2 | .. | 11305b |
| 59 | 4321 | 33.3 | − 4 35 | 8.8 | *9.8* | Ko | 1 | .. | 39468b |
| 60 | 4428 | 33.3 | −11 23 | 9.8 | *11.0* | K5 | 1 | .. | 21435b |
| 61 | *4793* | 33.3 | −13 0 | 9.5 | *10.1* | Go | 4 | .. | 21435b |
| 62 | 4695 | 33.3 | −13 12 | 10.2 | *10.7* | F8 | 3 | .. | 21435b |
| 63 | *4694* | 33.3 | −14 1 | 10.9 | *11.0* | A3 | 2 | .. | 21435b |
| 64 | 4871 | 33.3 | −17 24 | 8.6 | *9.4* | G5 | 4 | .. | 39404b |
| 65 | 12221 | 33.3 | −26 35 | 10.4 | 9.7 | Ao | 1 | .. | 22826b |
| 66 | 13084 | 33.3 | −32 7 | 9.8 | 8.5 | Ao | 3 | .. | 40731b |
| 67 | 13081 | 33.3 | −32 19 | 9.8 | 8.5 | B9 | 4 | .. | 40731b |
| 68 | 12328 | 33.3 | −33 5 | 8.7 | 8.2 | Ao | 5 | .. | 40731b |
| 69 | 11774 | 33.3 | −37 3 | 9.0 | 9.0 | G5 | 2 | .. | 16748b |
| 70 | 11723 | 33.3 | −39 21 | 10.0 | 9.8 | Ao | 2 | .. | 16748b |
| 71 | 11920 | 33.3 | −43 36 | 9.7 | 9.6 | Ko | 4 | .. | 21873b |
| 72 | 11964 | 33.3 | −44 37 | 7.8 | 8.7 | Ko | 8 | .. | 21873b |
| 73 | *11963* | 33.3 | −45 0 | 8.72 | 8.7 | B8 | 9 | .. | 21873b |
| 74 | 11735 | 33.3 | −46 39 | 10.6 | 9.4 | A2 | 5 | .. | 21873b |
| 75 | 11928 | 33.3 | −48 24 | 9.9 | 10.1 | A2 | 4 | .. | 21873b |
| 76 | 11060 | 33.3 | −51 54 | 9.9 | 9.8 | A2 | 3 | .. | 19961b |
| 77 | 8730 | 33.3 | −53 45 | *8.8* | 9.6 | G5 | 1 | .. | 19961b |
| 78 | 2935 | 33.3 | −68 59 | *8.8* | 9.9 | K2 | 2 | .. | 42525b |
| 79 | 2750 | 33.3 | −69 59 | 9.24 | 9.1 | Ao | 2 | .. | 42525b |
| 80 | 2921 | 33.4 | +33 48 | 8.2 | *8.8* | Go | 2 | .. | 38779i |
| 81 | 3218 | 33.4 | +24 22 | 5.67 | *5.67* | Ao | 10 | .. | 38447i |
| 82 | 3150 | 33.4 | +23 10 | 8.5 | *8.5* | Ao | 3 | .. | 38780i |
| 83 | 3466 | 33.4 | + 4 15 | 8.7 | *9.2* | F8 | 3 | .. | 14148b |
| 84 | 3370 | 33.4 | − 1 18 | 9.8 | *10.1* | Fo | 2 | .. | 39468b |
| 85 | 4530 | 33.4 | −10 50 | 9.0 | *10.0* | Ko | 4 | .. | 21435b |
| 86 | 4598 | 33.4 | −18 21 | 8.8 | *8.7* | B5 | 5 | .. | 39404b |
| 87 | 4833 | 33.4 | −20 39 | 9.2 | 8.9 | B8 | 7 | .. | 39404b |
| 88 | 14369 | 33.4 | −31 59 | 10.0 | 8.9 | B9 | 3 | .. | 40731b |
| 89 | 13085 | 33.4 | −32 23 | 8.0 | 8.2 | B9 | 5 | .. | 40731b |
| 90 | 12329 | 33.4 | −33 9 | 10.0 | 9.2 | G | 1 | .. | 40731b |
| 91 | 11699 | 33.4 | −40 23 | 10.7 | 9.6 | B9 | 1 | .. | 40426b |
| 92 | 11966 | 33.4 | −44 20 | 9.2 | 8.7 | Ao | 7 | .. | 21873b |
| 93 | 11774 | 33.4 | −45 47 | 11.6 | 10.1 | A5 | 2 | .. | 21873b |
| 94 | 11737 | 33.4 | −46 31 | 11.0 | 9.9 | F2 | 4 | .. | 21873b |
| 95 | 11711 | 33.4 | −47 48 | 9.1 | 8.8 | Fo | 6 | .. | 21873b |
| 96 | 8731 | 33.4 | −53 25 | 7.3 | 8.1 | A3 | 9 | .. | 19961b |
| 97 | 3348 | 33.4 | −67 21 | *8.1* | 9.3 | K5 | 3 | .. | 42525b |
| 98 | 1021 | 33.5 | +67 16 | 8.2 | *8.5* | F2 | 4 | .. | 38095i |
| 99 | 3442 | 33.5 | + 5 11 | 8.1 | *8.1* | Ao | 4 | .. | 11305b |
| 100 | 3371 | 33.5 | − 1 5 | 10.1 | *10.2* | A2 | 2 | .. | 39468b |



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## 160200 — 17h 33m.5

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 13495 | 33.5 | −23 37 | 9.5 | 9.5 | A2 | 4 | .. | 38104b |
| 2 | 13086 | 33.5 | −32 9 | 6.86 | 6.8 | B8 | 7 | .. | 40731b |
| 3 | 12104 | 33.5 | −38 41 | 9.4 | 8.3 | Ao | 4 | ... | 40426b |
| 4 | 11701 | 33.5 | −40 27 | 9.0 | 9.3 | F2 | 2 | .. | 40426b |
| 5 | 11893 | 33.5 | −41 35 | var. | var. | N | .. | R | M |
| 6 | 12365 | 33.5 | −42 51 | 10.1 | 9.0 | A2 | 4 | .. | 21873b |
| 7 | 11967 | 33.5 | −44 54 | 8.32 | 8.7 | B5 | 9 | .. | 21873b |
| 8 | 11777 | 33.5 | −45 54 | 11.0 | 10.4 | G5 | 1 | .. | 21873b |
| 9 | 11933 | 33.5 | −48 14 | 10.3 | 10.1 | Ao | 5 | .. | 21873b |
| 10 | 11625 | 33.5 | −49 59 | 8.64 | 10.1 | K5 | 4 | .. | 21873b |
| 11 | .. | 33.5 | −57 52 | .. | .. | R5 | .. | .. | M |
| 12 | 7230 | 33.5 | −58 27 | 8.7 | 9.1 | A2 | 4 | .. | 17453b |
| 13 | 3133 | 33.5 | −66 45 | *8.2* | 8.7 | F8 | 4 | .. | 42525b |
| 14 | 2566 | 33.6 | +45 46 | 8.2 | *8.7* | F8 | 2 | .. | 38566i |
| 15 | 2738 | 33.6 | +44 47 | 8.2 | *9.0* | G5 | 2 | .. | 38566i |
| 16 | 3062 | 33.6 | +31 14 | 8.8 | *9.6* | G5 | 2 | .. | 38447i |
| 17 | 3425 | 33.6 | + 7 17 | 8.4 | *9.4* | Ko | 3 | .. | 11305b |
| 18 | 3443 | 33.6 | + 5 5 | 8.21 | *8.63* | F5 | 6 | .. | 11305b |
| 19 | 4599 | 33.6 | −18 58 | 9.8 | *9.8* | Ao | 3 | .. | 39404b |
| 20 | 13417 | 33.6 | −24 24 | 9.5 | 9.4 | B8 | 4 | .. | 38104b |
| 21 | 13102 | 33.6 | −32 12 | 7.14 | 7.5 | B8 | 6 | .. | 40731b |
| 22 | 13100 | 33.6 | −32 17 | 11.8 | 8.0 | B9 | 5 | R | 40731b |
| 23 | 11800 | 33.6 | −35 22 | 9.4 | 9.0 | A3 | 3 | .. | 16748b |
| 24 | 11777 | 33.6 | −37 4 | 8.1 | 8.3 | F2 | 4 | .. | 40426b |
| 25 | 11898 | 33.6 | −41 18 | 9.4 | 8.9 | Ao | 3 | .. | 40426b |
| 26 | 11065 | 33.6 | −51 51 | 9.1 | 9.8 | G5 | 2 | .. | 19961b |
| 27 | 8734 | 33.6 | −53 59 | *9.6* | 10.4 | G5 | 2 | .. | 19961b |
| 28 | 847 | 33.7 | +71 38 | 8.4 | *9.6* | K5 | 1 | .. | 38095i |
| 29 | 2668 | 33.7 | +49 31 | 7.42 | *7.48* | A2 | 7 | .. | 38778i |
| 30 | 3215 | 33.7 | +11 32 | 7.6 | *7.9* | F2 | 3 | .. | 37827i |
| 31 | 3459 | 33.7 | + 8 57 | 9.1 | *9.7* | Go | 2 | .. | 11305b |
| 32 | 3426 | 33.7 | + 7 11 | 9.1 | *9.9* | G5 | 1 | .. | 11305b |
| 33 | 3467 | 33.7 | + 4 24 | 8.6 | *8.5* | B5 | 4 | .. | 14148b |
| 34 | 3330 | 33.7 | − 0 57 | 9.8 | *10.8* | Ko | 1 | .. | 39468b |
| 35 | 4475 | 23.7 | − 5 28 | 8.4 | *8.9* | F8 | 5 | .. | 24207b |
| 36 | 4480 | 33.7 | − 8 42 | 10.0 | *10.5* | F8 | 2 | .. | 39416b |
| 37 | 4715 | 33.7 | −14 36 | 8.8 | *10.0* | K5 | 4 | .. | 21435b |
| 38 | 4714 | 33.7 | −14 59 | 9.8 | *9.8* | Ao | 2 | .. | 21435b |
| 39 | 4635 | 33.7 | −15 43 | 9.2 | *10.2* | Ko | 4 | .. | 21435b |
| 40 | 11745 | 33.7 | −46 27 | 10.3 | 9.3 | A3 | 6 | .. | 21873b |
| 41 | 11935 | 33.7 | −48 15 | 9.5 | 10.3 | G5 | 3 | .. | 21873b |
| 42 | 11067 | 33.7 | −51 42 | 9.7 | 10.1 | G5 | 1 | .. | 19961b |
| 43 | 2752 | 33.7 | −69 45 | *8.7* | 9.0 | Fo | 2 | .. | 42525b |
| 44 | 1860 | 33.7 | −73 6 | *9.1* | 9.1 | Ao | 3 | .. | 21336b |
| 45 | 3016 | 33.8 | +35 51 | 7.36 | *7.92* | Go | 4 | .. | 37871i |
| 46 | 3170 | 33.8 | +21 0 | 7.9 | *8.9* | Ko | 3 | .. | 38780i |
| 47 | 3267 | 33.8 | +12 48 | 7.67 | *8.67* | Ko | 4 | 0,3 | 38781i |
| 48 | 3257 | 33.8 | +10 14 | 8.7 | *9.3* | Go | 2 | .. | 38781i |
| 49 | 3480 | 33.8 | + 6 16 | 8.5 | *8.9* | F5 | 3 | .. | 11305b |
| 50 | 3369 | 33.8 | + 2 25 | 9.3 | *9.9* | Go | 1 | .. | 14180b |
| 51 | 3742 | 33.8 | + 0 37 | 9.3 | *10.3* | Ko | 1 | .. | 14180b |
| 52 | 4532 | 33.8 | −10 39 | 9.2 | *9.8* | Go | 5 | .. | 21435b |
| 53 | 4429 | 33.8 | −11 27 | 10.4 | *10.4* | Ao | 2 | .. | 21435b |
| 54 | 4696 | 33.8 | −13 36 | 7.46 | *7.74* | Fo | 10 | .. | 21435b |
| 55 | 4697 | 33.8 | −13 41 | 9.5 | *9.8* | Fo | 4 | .. | 21435b |
| 56 | 4601 | 33.8 | −18 5 | 10.0 | *10.0* | Ao | 4 | .. | 39404b |
| 57 | *4387* | 33.8 | −23 0 | 8.6 | 8.4 | Go | 5 | .. | 38104b |
| 58 | 14381 | 33.8 | −31 50 | 10.4 | 9.1 | Ao | 2 | .. | 40731b |
| 59 | 13113 | 33.8 | −32 7 | 10.0 | 8.5 | B9 | 3 | .. | 40731b |
| 60 | 13115 | 33.8 | −32 13 | 9.4 | 7.7 | B9 | 4 | .. | 40731b |
| 61 | 11766 | 33.8 | −36 4 | 10.4 | 9.2 | Ko | 2 | .. | 40426b |
| 62 | 12111 | 33.8 | −38 24 | 10.7 | 9.3 | A2 | 2 | .. | 40426b |
| 63 | 11747 | 33.8 | −46 52 | 6.11 | 6.5 | Ao | 5 | .. | 4941b |
| 64 | 11715 | 33.8 | −47 58 | 9.9 | 10.5 | Ko | 1 | .. | 21873b |
| 65 | 8263 | 33.8 | −55 38 | *9.1* | 10.5 | Ma | .. | .. | M |
| 66 | 8264 | 33.8 | −55 53 | 8.5 | 9.3 | K2 | 4 | .. | 17453b |
| 67 | 6908 | 33.8 | −60 34 | 9.0 | 10.2 | K5 | 1 | .. | 20144b |
| 68 | 935 | 33.8 | −79 15 | *9.0* | 9.5 | F8 | 1 | .. | 19008b |
| 69 | 1678 | 33.9 | +61 58 | 5.31 | *5.81* | F8 | 10 | .. | 38505i |
| 70 | 2078 | 33.9 | +52 32 | 8.2 | *9.3* | K2 | 1 | .. | 38777i |
| 71 | 2670 | 33.9 | +49 3 | 8.8 | *9.9* | K2 | 1 | .. | 38778i |
| 72 | 3535 | 33.9 | +20 35 | 8.3 | *8.4* | A3 | 3 | E | 38780i |
| 73 | 3217 | 33.9 | +11 16 | 8.3 | *9.4* | K2 | 2 | .. | 38781i |
| 74 | 3427 | 33.9 | + 7 10 | 8.5 | *9.5* | Ko | 3 | .. | 11305b |
| 75 | 4587 | 33.9 | − 9 19 | 10.0 | *10.5* | F8 | 3 | .. | 39416b |
| 76 | 4430 | 33.9 | −11 13 | 7.85 | *8.13* | Fo | 9 | .. | 21435b |
| 77 | 4798 | 33.9 | −12 43 | 10.0 | *11.1* | K2 | 1 | .. | 21435b |
| 78 | 13415 | 33.9 | −28 22 | 10.7 | 10.0 | A | 1 | .. | 22826b |
| 79 | 14564 | 33.9 | −30 10 | 8.78 | 8.6 | A3 | 4 | .. | 40731b |
| 80 | 14384 | 33.9 | −31 57 | 10.4 | 9.2 | B9 | 2 | .. | 40731b |
| 81 | 13121 | 33.9 | −32 42 | 8.0 | 8.2 | B8 | 5 | .. | 40731b |
| 82 | 11803 | 33.9 | −35 35 | 7.6 | 7.7 | F5 | 6 | .. | 40426b |
| 83 | 11926 | 33.9 | −43 34 | 9.04 | 9.9 | Ko | 3 | .. | 21873b |
| 84 | 11925 | 33.9 | −43 44 | 10.6 | 10.8 | Mb | .. | .. | M |
| 85 | 11972 | 33.9 | −44 4 | 9.9 | 9.4 | Ao | 4 | .. | 21873b |
| 86 | 8444 | 33.9 | −54 48 | *9.2* | 10.2 | Ko | 2 | .. | 19961b |
| 87 | .. | 33.9 | −63 48 | .. | .. | Mb | 1 | .. | 39370b |
| 88 | 636 | 33.9 | −83 12 | 7.30 | 7.1 | F2 | 3 | 2,8- | 43414b |
| 89 | 1034 | 34.0 | +66 37 | 8.3 | *9.5* | K5 | 2 | .. | 38536i |
| 90 | 2542 | 34.0 | +48 38 | 5.54 | *6.54* | Ko | 9 | R | 38778i |
| 91 | 2541 | 34.0 | +48 32 | 7.58 | *8.08* | F8 | 5 | .. | 38778i |
| 92 | 3260 | 34.0 | +10 46 | 8.7 | *9.1* | F5 | 2 | .. | 38781i |
| 93 | 3438 | 34.0 | + 9 12 | 8.0 | *8.1* | A5 | 5 | .. | 11305b |
| 94 | 3464 | 34.0 | + 3 29 | 9.8 | *10.3* | F8 | 2 | .. | 14180b |
| 95 | 3370 | 34.0 | + 2 43 | 7.7 | *8.0* | Fo | 7 | .. | 14148b |
| 96 | 4431 | 34.0 | −11 4 | 9.2 | *9.5* | Fo | 5 | .. | 21435b |
| 97 | 13123 | 34.0 | −32 9 | 10.0 | 8.5 | Ao | 3 | .. | 40731b |
| 98 | 13125 | 34.0 | −32 16 | 10.4 | 8.5 | B9 | 4 | .. | 40731b |
| 99 | 11805 | 34.0 | −35 6 | 9.12 | 9.3 | Ko | 2 | .. | 16748b |
| 100 | 11804 | 34.0 | −35 19 | 8.7 | 9.3 | K2 | 1 | .. | 16748b |



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## 160300 — 17h 34m.0

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11903 | 34.0 | −41 3 | 9.0 | 8.6 | Ao | 4 | .. | 40426b |
| 2 | 12374 | 34.0 | −42 23 | 9.2 | 8.6 | B9 | 3 | .. | 40426b |
| 3 | 11784 | 34.0 | −45 4 | 9.1 | 9.1 | Ao | 5 | .. | 21873b |
| 4 | 11752 | 34.0 | −46 9 | 11.0 | 10.1 | F2 | 2 | .. | 21873b |
| 5 | 11467 | 34.0 | −50 40 | 8.7 | 9.2 | G5 | 3 | .. | 19961b |
| 6 | 11466 | 34.0 | −50 42 | 8.7 | 9.3 | Go | 3 | .. | 19961b |
| 7 | 10777 | 34.0 | −52 45 | 8.7 | 9.2 | Go | 4 | .. | 19961b |
| 8 | 7233 | 34.0 | −58 2 | 8.8 | 9.1 | F2 | 3 | .. | 17453b |
| 9 | 1196 | 34.1 | +65 19 | 9.0 | *9.8* | G5 | 2 | .. | 38536i |
| 10 | 3460 | 34.1 | + 8 47 | 8.6 | *8.6* | Ao | 3 | .. | 11305b |
| 11 | 3428 | 34.1 | + 7 17 | 8.6 | *8.6* | Ao | 2 | .. | 11305b |
| 12 | 3469 | 34.1 | + 4 31 | 8.0 | *8.3* | F2 | 6 | .. | 14148b |
| 13 | 3468 | 34.1 | + 4 20 | 9.5 | *9.5* | Ao | 4 | .. | 14148b |
| 14 | 3372 | 34.1 | + 2 7 | 7.49 | *7.77* | Fo | 7 | .. | 14148b |
| 15 | 3373 | 34.1 | + 2 5 | 6.35 | *7.35* | Ko | 9 | .. | 14148b |
| 16 | 3477 | 34.1 | + 1 1 | 9.8 | *10.3* | F8 | 2 | .. | 14180b |
| 17 | 4700 | 34.1 | −13 14 | 10.2 | *11.0* | G5 | 1 | .. | 21435b |
| 18 | 13419 | 34.1 | −24 13 | 10.4 | 10.0 | B9 | 1 | .. | 38104b |
| 19 | 13418 | 34.1 | −28 52 | 6.99 | 7.3 | B8 | 8 | .. | 22826b |
| 20 | 11806 | 34.1 | −35 53 | 9.0 | 9.2 | Ko | 2 | .. | 40426b |
| 21 | 12114 | 34.1 | −38 3 | 8.7 | 8.3 | F5 | 4 | .. | 40426b |
| 22 | 11713 | 34.1 | −40 2 | 7.38 | 7.7 | Go | 6 | .. | 40426b |
| 23 | 11908 | 34.1 | −41 38 | 8.0 | 8.0 | B8 | 5 | .. | 40426b |
| 24 | 11630 | 34.1 | −49 16 | 11.0 | 10.1 | F8 | 3 | .. | 21873b |
| 25 | 11469 | 34.1 | −50 25 | 8.3 | 8.7 | A5 | 6 | .. | 19961b |
| 26 | 2090 | 34.1 | −72 46 | *8.0* | 9.4 | Ma | 3 | .. | 21336b |
| 27 | 2739 | 34.2 | +44 27 | 8.3 | *9.3* | Ko | 2 | .. | 38566i |
| 28 | 3461 | 34.2 | + 8 1 | 8.9 | *9.4* | F8 | 2 | .. | 11305b |
| 29 | 4476 | 34.2 | − 5 48 | 8.9 | *9.0* | A2 | 2 | .. | 24207b |
| 30 | 4433 | 34.2 | −11 47 | 9.3 | *9.9* | Go | 2 | .. | 21435b |
| 31 | 4799 | 34.2 | −12 42 | 9.8 | *9.8* | B9 | 5 | .. | 21435b |
| 32 | 4717 | 34.2 | −14 26 | 9.3 | *10.1* | G5 | 5 | .. | 21435b |
| 33 | 12233 | 34.2 | −26 27 | 10.0 | 9.4 | Ao | 2 | .. | 22826b |
| 34 | 14568 | 34.2 | −30 14 | 9.5 | 9.1 | Fo | 2 | .. | 40731b |
| 35 | 13129 | 34.2 | −32 5 | 8.0 | 7.6 | B8 | 7 | .. | 40731b |
| 36 | 11809 | 34.2 | −35 43 | 10.7 | 9.2 | F5 | 2 | .. | 40426b |
| 37 | 11789 | 34.2 | −37 35 | 7.8 | 8.3 | B2 | 4 | .. | 40426b |
| 38 | 12115 | 34.2 | −38 13 | 10.7 | 9.5 | Ko | 2 | .. | 40426b |
| 39 | 11974 | 34.2 | −44 24 | 8.1 | 8.7 | F5 | 7 | .. | 21873b |
| 40 | 11718 | 34.2 | −47 10 | 10.1 | 9.3 | F5 | 6 | .. | 21873b |
| 41 | 11631 | 34.2 | −49 56 | 9.30 | 9.8 | Ko | 4 | .. | 21873b |
| 42 | 11474 | 34.2 | −50 27 | 6.23 | 8.3 | Ma | 6 | .. | 19961b |
| 43 | 2233 | 34.3 | +51 10 | 8.1 | *9.1* | Ko | 1 | .. | 38778i |
| 44 | 3313 | 34.3 | +25 34 | 8.3 | *9.3* | Ko | 2 | .. | 38447i |
| 45 | 3471 | 34.3 | + 4 16 | 9.5 | *9.8* | Fo | 1 | .. | 14148b |
| 46 | 3465 | 34.3 | + 3 37 | 6.56 | *7.56* | Ko | 8 | 2,4- | 14180b |
| 47 | 3744 | 34.3 | + 0 40 | 8.7 | *8.7* | Ao | 3 | .. | 14148b |
| 48 | 4435 | 34.3 | −11 25 | 8.2 | *8.2* | B9 | 9 | .. | 21435b |
| 49 | 4880 | 34.3 | −17 32 | 9.5 | *9.5* | B9 | 5 | .. | 39404b |
| 50 | 12206 | 34.3 | −25 34 | 8.3 | 8.8 | F2 | 3 | .. | 22826b |
| 51 | 14569 | 34.3 | −30 23 | 8.7 | 9.7 | K2 | 1 | .. | 40731b |
| 52 | 11717 | 34.3 | −40 56 | 8.1 | 9.0 | K5 | 2 | .. | 40426b |
| 53 | 11759 | 34.3 | −46 38 | 11.6 | 9.6 | A2 | 6 | .. | 21873b |
| 54 | 11758 | 34.3 | −46 58 | 9.9 | 9.1 | A2 | 8 | .. | 21873b |
| 55 | 11720 | 34.3 | −47 28 | 7.6 | 7.5 | F5 | 10 | .. | 21873b |
| 56 | 11719 | 34.3 | −47 58 | 10.3 | 10.2 | Ko | 2 | .. | 21873b |
| 57 | 11943 | 34.3 | −48 33 | 10.1 | 10.3 | K5 | 2 | .. | 21873b |
| 58 | 8682 | 34.3 | −57 55 | 8.5 | 9.3 | Ko | 3 | .. | 17453b |
| 59 | 6914 | 34.3 | −60 6 | 8.46 | 8.8 | F5 | 4 | .. | 20144b |
| 60 | 3660 | 34.3 | −64 47 | *8.7* | 8.7 | Ao | 4 | .. | 20144b |
| 61 | 1559 | 34.4 | +62 30 | 7.14 | *8.21* | K2 | 4 | .. | 38505i |
| 62 | 2234 | 34.4 | +51 3 | 7.94 | *8.02* | A3 | 4 | .. | 38778i |
| 63 | 2856 | 34.4 | +27 39 | 9.3 | *9.4* | A3 | 1 | .. | 38447i |
| 64 | 3235 | 34.4 | +15 52 | 8.5 | *8.6* | A2 | 2 | .. | 37827i |
| 65 | 3421 | 34.4 | +13 23 | 6.29 | *6.71* | F5 | 9 | 0,9 | 38781i |
| 66 | 4422 | 34.4 | − 2 55 | 9.5 | *10.0* | F8 | 1 | .. | 39468b |
| 67 | 4624 | 34.4 | − 6 26 | 8.8 | *9.4* | Go | 2 | .. | 39416b |
| 68 | 4701 | 34.4 | −13 14 | 9.8 | *10.6* | G5 | 2 | .. | 21435b |
| 69 | 4608 | 34.4 | −18 11 | 9.5 | *9.5* | Ao | 6 | .. | 39404b |
| 70 | 11796 | 34.4 | −27 50 | 7.7 | 8.5 | B9 | 7 | .. | 22826b |
| 71 | 13142 | 34.4 | −32 10 | var. | var. | Ko | 4 | R | 40731b |
| 72 | 13143 | 34.4 | −32 32 | 10.0 | 9.2 | Ao | 2 | .. | 40731b |
| 73 | 13140 | 34.4 | −32 47 | 8.0 | 7.9 | Ao | 5 | .. | 40731b |
| 74 | 11813 | 34.4 | −35 52 | 9.8 | 8.9 | B9 | 3 | .. | 40426b |
| 75 | 12119 | 34.4 | −38 20 | 9.8 | 8.6 | A3 | 4 | .. | 40426b |
| 76 | 11910 | 34.4 | −41 44 | 9.0 | 9.2 | Ko | 2 | .. | 40426b |
| 77 | 11721 | 34.4 | −47 44 | 9.3 | 9.3 | Ko | 4 | .. | 21873b |
| 78 | 11633 | 34.4 | −49 57 | 10.3 | 10.1 | K2 | 2 | .. | 21873b |
| 79 | 8740 | 34.4 | −53 55 | 9.2 | 10.5 | Mb | 1 | 5,1 | 37596b |
| 80 | 8449 | 34.4 | −54 38 | *8.7* | 9.7 | Ko | 2 | .. | 19961b |
| 81 | 2168 | 34.4 | −71 37 | *8.7* | 8.7 | Ao | 6 | .. | 21336b |
| 82 | 523 | 34.5 | +82 41 | 9.3 | *9.7* | F5 | 2 | .. | 37820i |
| 83 | 1999 | 34.5 | +56 45 | 8.2 | *9.2* | Ko | 1 | .. | 38015i |
| 84 | 2435 | 34.5 | +50 11 | 8.9 | *9.7* | G5 | 1 | .. | 38778i |
| 85 | 3466 | 34.5 | + 3 27 | 6.76 | *7.76* | Ko | 6 | 2,2 | 14148b |
| 86 | 3373 | 34.5 | − 1 17 | 9.3 | *10.3* | Ko | 2 | .. | 39468b |
| 87 | 4324 | 34.5 | − 4 55 | 7.55 | *7.89* | F2 | 3 | R | 24207b |
| 88 | 4325 | 34.5 | − 4 55 | | | F2 | 6 | | |
| 89 | 4583 | 34.5 | −16 59 | 10.2 | *10.2* | Ao | 3 | .. | 39404b |
| 90 | 11798 | 34.5 | −27 59 | 9.2 | 9.4 | F5 | 2 | .. | 22826b |
| 91 | 13853 | 34.5 | −29 33 | 8.7 | 9.4 | Ko | 2 | .. | 22826b |
| 92 | 13146 | 34.5 | −32 6 | 10.0 | 8.5 | Ao | 3 | .. | 40731b |
| 93 | 11940 | 34.5 | −34 51 | 8.7 | 8.3 | F5 | 4 | .. | 40731b |
| 94 | 11743 | 34.5 | −39 15 | 8.7 | 9.3 | Ko | 3 | .. | 16748b |
| 95 | 11722 | 34.5 | −47 22 | 11.6 | 10.1 | Ao | 2 | .. | 21873b |
| 96 | 11947 | 34.5 | −48 35 | 9.7 | 9.9 | A5 | 4 | .. | 21873b |
| 97 | 11945 | 34.5 | −48 47 | 10.3 | 9.8 | B5 | 6 | .. | 21873b |
| 98 | 8267 | 34.5 | −55 23 | 9.2 | 9.3 | F5 | 3 | .. | 17453b |
| 99 | 8268 | 34.5 | −55 35 | 7.2 | 7.8 | Ko | 7 | .. | 17453b |
| 100 | 6018 | 34.5 | −61 30 | *8.4* | 9.8 | Ma | 3 | .. | 39370b |



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1922AnHar..97....1C



## 160400 — $17^h\,34^m.6$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | *m.* | ° ′ | | | | | | |
| 1 | 2571 | 34.6 | +45 16 | 8.07 | *8.85* | G5 | 2 | .. | 38566i |
| 2 | 3020 | 34.6 | +35 2 | 7.91 | *9.09* | K5 | 2 | 0,1 | 38779i |
| 3 | 3176 | 34.6 | +22 29 | 8.7 | *9.3* | Go | 2 | E | 38780i |
| 4 | 3462 | 34.6 | + 8 39 | 9.1 | *9.2* | A2 | 2 | .. | 11305b |
| 5 | 3472 | 34.6 | + 4 47 | 9.8 | *9.8* | Ao | 2 | .. | 14148b |
| 6 | 3746 | 34.6 | + 0 20 | 9.1 | *10.1* | Ko | 3 | .. | 14148b |
| 7 | 4482 | 34.6 | − 8 38 | 9.5 | *10.5* | Ko | 1 | .. | 39416b |
| 8 | 11801 | 34.6 | −27 21 | 7.9 | 9.4 | Ma | 3 | 0,2- | 38104b |
| 9 | 13152 | 34.6 | −32 13 | 9.4 | 8.9 | Ao | 2 | .. | 40731b |
| 10 | 12343 | 34.6 | −33 54 | 8.4 | 8.2 | Fo | 5 | .. | 40731b |
| 11 | 11942 | 34.6 | −34 55 | 7.80 | 8.1 | G5 | 5 | .. | 40731b |
| 12 | 11745 | 34.6 | −39 11 | 8.7 | 9.0 | Ko | 3 | .. | 16748b |
| 13 | 11727 | 34.6 | −40 4 | 7.53 | 9.2 | K2 | 3 | .. | 40426b |
| 14 | 11981 | 34.6 | −44 44 | 7.77 | 8.2 | Ao | 9 | .. | 21873b |
| 15 | 11949 | 34.6 | −48 35 | 7.6 | 8.3 | F2 | 9 | .. | 21873b |
| 16 | 11636 | 34.6 | −49 13 | 7.9 | 8.7 | F5 | 9 | .. | 21873b |
| 17 | 6918 | 34.6 | −60 1 | 8.96 | 8.9 | Ao | 3 | .. | 20144b |
| 18 | 3351 | 34.6 | −67 5 | *8.3* | 8.7 | F5 | 4 | .. | 42525b |
| 19 | 2888 | 34.7 | +42 53 | 7.96 | *7.96* | Ao | 4 | 0,5 | 37220i |
| 20 | 2869 | 34.7 | +41 4 | 8.05 | *8.83* | G5 | 1 | E | 38566i |
| 21 | 3176 | 34.7 | +39 47 | 8.1 | *8.9* | G5 | 1 | .. | 38779i |
| 22 | *2916* | 34.7 | +36 59 | 8.5 | *8.9* | F5 | 2 | .. | 37871i |
| 23 | 3037 | 34.7 | +30 15 | 8.7 | *8.8* | A2 | 4 | .. | 38447i |
| 24 | 3053 | 34.7 | +26 35 | 8.7 | *8.8* | A2 | 3 | .. | 38447i |
| 25 | 3177 | 34.7 | +22 20 | 8.2 | *8.3* | A5 | 5 | E | 38780i |
| 26 | 3429 | 34.7 | + 7 32 | 9.1 | *9.2* | A5 | 2 | .. | 11305b |
| 27 | 4704 | 34.7 | −13 16 | 9.8 | *10.3* | F8 | 4 | .. | 21435b |
| 28 | 4584 | 34.7 | −16 44 | 11.1 | *11.7* | Go | 1 | .. | 39404b |
| 29 | 4883 | 34.7 | −17 13 | 9.8 | *10.3* | F8 | 3 | .. | 39404b |
| 30 | 13501 | 34.7 | −23 47 | 7.7 | 8.0 | B8 | 7 | .. | 38104b |
| 31 | *11805* | 34.7 | −28 1 | 9.3 | 9.1 | Ao | 3 | .. | 22826b |
| 32 | 13159 | 34.7 | −32 44 | 9.6 | 8.9 | A5 | 3 | .. | 40731b |
| 33 | 11915 | 34.7 | −41 28 | 9.4 | 9.6 | A | 1 | .. | 19911b |
| 34 | 11764 | 34.7 | −46 59 | 10.6 | 9.9 | A5 | 3 | .. | 21873b |
| 35 | 8687 | 34.7 | −57 40 | var. | var. | Nb | 2 | R | 17453b |
| 36 | 1268 | 34.7 | −77 12 | *8.6* | 9.7 | K2 | 1 | .. | 42633b |
| 37 | *3074* | 34.8 | +28 59 | 9.2 | *10.0* | G5 | 1 | .. | 38447i |
| 38 | 3338 | 34.8 | − 0 35 | 6.66 | *6.66* | Ao | 9 | .. | 39468b |
| 39 | 4484 | 34.8 | − 8 2 | 8.7 | *9.7* | Ko | 4 | .. | 39416b |
| 40 | 4640 | 34.8 | −15 29 | 9.5 | *10.3* | G5 | 3 | .. | 21435b |
| 41 | 4611 | 34.8 | −18 38 | 10.2 | *10.2* | Ao | 2 | .. | 39404b |
| 42 | 4391 | 34.8 | −22 15 | 10.0 | 10.1 | Go | 2 | .. | 38104b |
| 43 | 11807 | 34.8 | −27 16 | 10.2 | 9.7 | A | 1 | .. | 22826b |
| 44 | 14411 | 34.8 | −31 6 | 10.7 | 9.7 | Ao | 2 | .. | 40731b |
| 45 | 11795 | 34.8 | −37 19 | 9.8 | 8.9 | Ao | 2 | .. | 40426b |
| 46 | 11480 | 34.8 | −50 36 | 8.5 | 9.2 | G5 | 5 | .. | 19961b |
| 47 | 11483 | 34.8 | −50 47 | 10.6 | 9.8 | B9 | 2 | .. | 19961b |
| 48 | 11074 | 34.8 | −51 47 | 8.4 | 9.2 | K5 | 3 | .. | 19961b |
| 49 | 1861 | 34.8 | −73 56 | *8.5* | 9.5 | Ko | 3 | .. | 21336b |
| 50 | 940 | 34.9 | +68 11 | 8.1 | *9.2* | K2 | 1 | .. | 38095i |
| 51 | 2912 | 34.9 | +36 48 | 6.85 | *7.85* | Ko | 4 | .. | 37871i |
| 52 | 3376 | 34.9 | + 2 4 | 8.9 | *9.5* | Go | 3 | .. | 14148b |
| 53 | 3748 | 34.9 | + 0 49 | 8.89 | *8.89* | Ao | 5 | .. | 14148b |
| 54 | 4150 | 34.9 | − 3 29 | 7.54 | *7.82* | Fo | 6 | 2,6 | 24207b |
| 55 | 4721 | 34.9 | −14 10 | 10.2 | *10.8* | Go | 2 | .. | 21435b |
| 56 | 4641 | 34.9 | −15 50 | 10.2 | *10.8* | Go | 2 | .. | 39404b |
| 57 | 4612 | 34.9 | −18 2 | 9.5 | *10.3* | G5 | 4 | .. | 39404b |
| 58 | 4842 | 34.9 | −20 49 | 8.4 | 8.6 | A5 | 6 | .. | 39404b |
| 59 | 13505 | 34.9 | −23 57 | 10.2 | 10.1 | A2 | 2 | .. | 38104b |
| 60 | 13426 | 34.9 | −24 48 | 10.7 | 10.2 | Go | 2 | .. | 38104b |
| 61 | 11950 | 34.9 | −34 1 | 7.8 | 7.5 | Ao | 7 | .. | 40731b |
| 62 | 11781 | 34.9 | −36 51 | 8.8 | 8.3 | Ao | 3 | .. | 40426b |
| 63 | 11733 | 34.9 | −40 3 | 8.53 | 8.6 | Ao | 5 | .. | 40426b |
| 64 | 11938 | 34.9 | −43 38 | 9.00 | 9.0 | B8 | 7 | .. | 21873b |
| 65 | 11769 | 34.9 | −46 18 | 9.5 | 8.7 | Ao | 7 | .. | 21873b |
| 66 | 11767 | 34.9 | −46 41 | 11.6 | 10.1 | F8 | 2 | .. | 21873b |
| 67 | 11075 | 34.9 | −51 56 | 9.0 | 9.2 | A2 | 6 | .. | 19961b |
| 68 | 2936 | 34.9 | −68 36 | *7.3* | 7.6 | F2 | 7 | .. | 42525b |
| 69 | 2438 | 35.0 | +50 43 | 8.3 | *9.5* | K5 | 1 | .. | 38778i |
| 70 | 3428 | 35.0 | +18 4 | 7.9 | *9.0* | K2 | 2 | .. | 38473i |
| 71 | 4425 | 35.0 | − 2 6 | 6.44 | *7.79* | Mb | 6 | .. | 24207b |
| 72 | 4803 | 35.0 | −12 54 | 9.5 | *10.0* | F8 | 5 | .. | 21435b |
| 73 | 13506 | 35.0 | −23 25 | 9.3 | 10.4 | G5 | 1 | .. | 38104b |
| 74 | 13165 | 35.0 | −32 49 | 10.2 | 9.4 | Ao | 2 | .. | 40731b |
| 75 | 12351 | 35.0 | −33 40 | 9.6 | 9.7 | Ao | 2 | .. | 40731b |
| 76 | 11954 | 35.0 | −34 19 | 10.4 | 9.2 | A2 | 1 | .. | 16748b |
| 77 | 12128 | 35.0 | −38 14 | 8.4 | 10.7 | K2 | 1 | .. | 40426b |
| 78 | 11922 | 35.0 | −41 57 | 9.4 | 9.3 | A2 | 2 | .. | 40426b |
| 79 | 11800 | 35.0 | −45 8 | 8.87 | 9.0 | Ao | 7 | .. | 21873b |
| 80 | 11772 | 35.0 | −46 15 | 7.6 | 7.9 | Ao | 3 | .. | 4941b |
| 81 | 11771 | 35.0 | −46 54 | 11.0 | 9.9 | B8 | 3 | .. | 21873b |
| 82 | 11642 | 35.0 | −49 57 | 7.83 | 8.6 | F5 | 9 | .. | 21873b |
| 83 | 8405 | 35.0 | −56 58 | 6.88 | 6.9 | B9 | 10 | .. | 17453b |
| 84 | 1146 | 35.0 | −78 32 | *9.0* | 10.0 | Ko | 1 | .. | 19008b |
| 85 | 2440 | 35.1 | +50 31 | 8.8 | *9.9* | K2 | 1 | .. | 38778i |
| 86 | 2777 | 35.1 | +43 40 | 7.14 | *7.20* | A2 | 7 | .. | 37844i |
| 87 | 2858 | 35.1 | +27 7 | 7.34 | *7.76* | F5 | 4 | .. | 38447i |
| 88 | 3423 | 35.1 | +13 21 | 7.54 | *7.96* | F5 | 5 | 0,4 | 37871i |
| 89 | 4680 | 35.1 | −19 56 | 8.93 | 10.4 | Ko | 2 | .. | 39404b |
| 90 | 13436 | 35.1 | −28 39 | 9.5 | 9.2 | B9 | 3 | .. | 22826b |
| 91 | 13169 | 35.1 | −32 3 | 8.0 | 7.6 | B9 | 7 | .. | 40731b |
| 92 | 11955 | 35.1 | −34 58 | 8.85 | 8.6 | Ao | 4 | .. | 40731b |
| 93 | 11788 | 35.1 | −36 16 | 11.4 | 9.3 | Ao | 1 | .. | 16748b |
| 94 | 11923 | 35.1 | −41 49 | 8.7 | 8.7 | B8 | 4 | .. | 40426b |
| 95 | 12394 | 35.1 | −42 46 | 9.1 | 9.6 | Ko | 2 | .. | 19911b |
| 96 | .. | 35.1 | −43 42 | var. | var. | Md | .. | R | M |
| 97 | 11986 | 35.1 | −44 4 | 10.1 | 9.3 | Ao | 5 | .. | 21873b |
| 98 | 11802 | 35.1 | −45 28 | 11.6 | 10.1 | Ao | 2 | .. | 21873b |
| 99 | 11777 | 35.1 | −46 23 | 9.3 | 9.9 | K2 | 2 | .. | 21873b |
| 100 | 11778 | 35.1 | −46 51 | 10.3 | 9.6 | F5 | 3 | .. | 21873b |



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1922AnHar..97....1C



## 160500 — 17h 35m.1

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11779 | 35.1 | −46 59 | 10.6 | 10.2 | Ao | 2 | .. | 21873b |
| 2 | 11643 | 35.1 | −49 54 | 8.71 | 9.5 | G5 | 6 | .. | 21873b |
| 3 | 8453 | 35.1 | −54 15 | 9.2 | 9.7 | Ko | 2 | .. | 19961b |
| 4 | 7119 | 35.1 | −59 32 | 8.5 | 10.0 | K2 | 1 | .. | 17453b |
| 5 | 2411 | 35.1 | −70 17 | *7.9* | 8.7 | G5 | 3 | .. | 21336b |
| 6 | 2573 | 35.2 | +45 38 | 7.64 | *8.20* | Go | 4 | .. | 37844i |
| 7 | 2964 | 35.2 | +32 47 | 6.45 | *7.45* | Ko | 5 | 0,7 | 37871i |
| 8 | 3054 | 35.2 | +26 49 | 8.2 | *8.8* | Go | 3 | .. | 38447i |
| 9 | 3434 | 35.2 | + 7 51 | 7.14 | *8.14* | Ko | 7 | .. | 11305b |
| 10 | 3469 | 35.2 | + 3 17 | 8.9 | *9.9* | Ko | 2 | .. | 14180b |
| 11 | 4804 | 35.2 | −12 39 | 9.5 | *10.6* | K2 | 1 | .. | 21435b |
| 12 | 4805 | 35.2 | −12 52 | 8.7 | *8.7* | Ao | 9 | .. | 21435b |
| 13 | 14587 | 35.2 | −30 59 | 9.7 | 9.7 | A2 | 2 | .. | 40731b |
| 14 | 11958 | 35.2 | −34 34 | 10.9 | 9.2 | A2 | 1 | .. | 16748b |
| 15 | 12132 | 35.2 | −38 23 | 10.2 | 10.2 | B8 | 2 | .. | 16748b |
| 16 | 11940 | 35.2 | −43 31 | 7.35 | 8.8 | K2 | 7 | .. | 21873b |
| 17 | 11803 | 35.2 | −45 53 | 11.0 | 9.9 | Fo | 2 | .. | 21873b |
| 18 | 11080 | 35.2 | −51 5 | 9.7 | 10.1 | Ao | 1 | .. | 37621b |
| 19 | 8273 | 35.2 | −55 34 | *8.5* | 9.3 | G5 | 2 | .. | 17453b |
| 20 | 1960 | 35.3 | +55 48 | 7.18 | *8.18* | Ko | 4 | .. | 38015i |
| 21 | 3341 | 35.3 | − 0 55 | 8.9 | *9.0* | A2 | 4 | .. | 39468b |
| 22 | 4427 | 35.3 | − 2 49 | 8.2 | *9.4* | K5 | 3 | 0,1 | 39468b |
| 23 | 4724 | 35.3 | −14 12 | 8.8 | *9.6* | G5 | 6 | .. | 21435b |
| 24 | 4587 | 35.3 | −16 14 | 10.8 | *10.8* | Ao | 1 | .. | 39404b |
| 25 | 4616 | 35.3 | −18 6 | 9.5 | *9.5* | B9 | 6 | .. | 39404b |
| 26 | 4682 | 35.3 | −19 29 | 9.5 | 10.1 | A3 | 2 | .. | 39404b |
| 27 | 4698 | 35.3 | −21 14 | 9.5 | 10.1 | A2 | 2 | .. | 39404b |
| 28 | 13868 | 35.3 | −29 58 | 8.98 | 8.9 | Ao | 3 | .. | 40731b |
| 29 | 12361 | 35.3 | −33 27 | 6.68 | 7.6 | Oe5 | 6 | R | 40731b |
| 30 | 11791 | 35.3 | −36 7 | 8.7 | 9.2 | K5 | 1 | .. | 16748b |
| 31 | 11737 | 35.3 | −40 25 | 7.9 | 8.9 | K5 | 3 | .. | 40426b |
| 32 | 11929 | 35.3 | −41 29 | 10.2 | 9.9 | F | 1 | .. | 19911b |
| 33 | 11731 | 35.3 | −47 53 | 10.3 | 9.9 | G5 | 4 | .. | 21873b |
| 34 | 11646 | 35.3 | −49 9 | 10.6 | 10.4 | G5 | 2 | .. | 21873b |
| 35 | 11082 | 35.3 | −51 4 | 9.7 | 10.1 | Ao | 1 | .. | 37621b |
| 36 | 10790 | 35.3 | −52 36 | *9.8* | 9.8 | Ao | 2 | .. | 19961b |
| 37 | 1269 | 35.3 | −77 33 | *9.1* | 9.2 | A2 | 3 | .. | 19008b |
| 38 | 717 | 35.4 | +74 17 | 7.06 | *8.13* | K2 | 5 | .. | 38095i |
| 39 | 1830 | 35.4 | +59 34 | 8.6 | *9.2* | Go | 1 | .. | 38505i |
| 40 | 1786 | 35.4 | +57 48 | var. | var. | Mc | .. | R | M |
| 41 | 3071 | 35.4 | +31 56 | 7.8 | *9.0* | K5 | 2 | .. | 38447i |
| 42 | 3039 | 35.4 | +30 17 | 7.11 | *7.45* | F2 | 7 | .. | 38447i |
| 43 | 4153 | 35.4 | − 3 26 | 9.5 | *9.9* | F5 | 1 | .. | 39468b |
| 44 | 4618 | 35.4 | −18 36 | 8.8 | *8.9* | A2 | 5 | .. | 38062b |
| 45 | 4683 | 35.4 | −19 24 | 8.2 | 8.9 | F5 | 5 | .. | 38062b |
| 46 | 4392 | 35.4 | −22 34 | 10.7 | 11.1 | Ao | 1 | .. | 38104b |
| 47 | 12215 | 35.4 | −25 56 | 10.7 | 10.2 | Go | 1 | .. | 38104b |
| 48 | 11933 | 35.4 | −41 17 | 10.4 | 9.6 | Ao | 1 | .. | 19911b |
| 49 | 11992 | 35.4 | −44 48 | 10.6 | 9.7 | F5 | 3 | .. | 21873b |
| 50 | 11808 | 35.4 | −45 13 | 8.9 | 9.7 | Ko | 3 | .. | 21873b |
| 51 | 11781 | 35.4 | −46 42 | 10.6 | 9.3 | B8 | 5 | .. | 21873b |
| 52 | 11733 | 35.4 | −47 23 | 10.1 | 9.4 | Ao | 6 | .. | 21873b |
| 53 | 11648 | 35.4 | −49 17 | 8.5 | 9.8 | Go | 4 | .. | 21873b |
| 54 | 11489 | 35.4 | −50 46 | 10.1 | 9.9 | F8 | 2 | .. | 19961b |
| 55 | 10792 | 35.4 | −52 8 | *9.4* | 9.9 | F8 | 1 | .. | 19961b |
| 56 | 8746 | 35.4 | −53 4 | 9.2 | 9.6 | Go | 3 | .. | 19961b |
| 57 | 3223 | 35.5 | +24 28 | 8.2 | *8.2* | Ao | 3 | .. | 38447i |
| 58 | 3490 | 35.5 | + 6 37 | 7.32 | *8.39* | K2 | 5 | .. | 11305b |
| 59 | 3342 | 35.5 | − 0 40 | 9.5 | *9.5* | Ao | 2 | .. | 39468b |
| 60 | 4887 | 35.5 | −17 12 | 9.2 | *9.2* | Ao | 5 | .. | 39404b |
| 61 | 4886 | 35.5 | −17 55 | 9.5 | *9.6* | A2 | 6 | .. | 39404b |
| 62 | 4701 | 35.5 | −21 54 | 9.2 | 9.0 | Ao | 6 | .. | 38104b |
| 63 | 12217 | 35.5 | −25 13 | 10.2 | 9.9 | B9 | 2 | .. | 38104b |
| 64 | 14423 | 35.5 | −31 18 | 9.0 | 9.4 | Ko | 1 | .. | 40731b |
| 65 | 11795 | 35.5 | −36 54 | 9.6 | 9.2 | Ko | 3 | .. | 16748b |
| 66 | 8456 | 35.5 | −54 39 | *9.8* | 9.9 | A2 | 1 | .. | 37621b |
| 67 | 8411 | 35.5 | −56 18 | 8.2 | 8.5 | Ko | 5 | .. | 17453b |
| 68 | 8692 | 35.5 | −57 58 | 8.0 | 9.0 | Ma | 4 | .. | 17453b |
| 69 | 7240 | 35.5 | −58 5 | 8.5 | 9.4 | G5 | 4 | .. | 17453b |
| 70 | 2512 | 35.6 | +47 12 | 7.70 | *8.20* | F8 | 4 | .. | 38778i |
| 71 | 3225 | 35.6 | +11 31 | 9.0 | *9.1* | A2 | 2 | .. | 38781i |
| 72 | 13875 | 35.6 | −29 3 | 9.0 | 9.1 | F5 | 3 | .. | 22826b |
| 73 | 14595 | 35.6 | −30 27 | 8.1 | 8.8 | F8 | 3 | .. | 40731b |
| 74 | 12368 | 35.6 | −33 25 | 9.6 | 9.4 | A2 | 2 | .. | 40731b |
| 75 | 11827 | 35.6 | −35 45 | 7.8 | 8.0 | B8 | 7 | .. | 16748b |
| 76 | 11826 | 35.6 | −35 48 | 10.2 | 8.9 | B9 | 4 | .. | 16748b |
| 77 | 11801 | 35.6 | −37 47 | 8.7 | 7.8 | Ao | 5 | .. | 40426b |
| 78 | 12137 | 35.6 | −38 59 | 2.51 | *2.32* | B2 | .. | R | **28**,212 |
| 79 | 11736 | 35.6 | −47 43 | 11.6 | 9.6 | A3 | 5 | .. | 21873b |
| 80 | 1220 | 35.6 | −76 9 | *8.0* | 9.0 | Ko | 5 | .. | 42633b |
| 81 | 716 | 35.6 | −82 2 | *8.9* | 9.2 | F2 | 3 | .. | 43458b |
| 82 | 3189 | 35.7 | +40 57 | 8.13 | *9.31* | K5 | 2 | .. | 25568i |
| 83 | 2929 | 35.7 | +33 53 | 8.3 | *9.5* | K5 | 1 | .. | 38779i |
| 84 | 3182 | 35.7 | +21 46 | 8.5 | *8.9* | F5 | 1 | .. | 38784i |
| 85 | 3344 | 35.7 | − 0 44 | 8.9 | *9.9* | Ko | 1 | .. | 39468b |
| 86 | 4629 | 35.7 | − 6 24 | 9.2 | *10.0* | G5 | 1 | .. | 39416b |
| 87 | 4888 | 35.7 | −17 33 | 9.8 | *10.8* | Ko | 3 | .. | 39404b |
| 88 | 4394 | 35.7 | −22 56 | 9.5 | 10.4 | Ko | 1 | .. | 38104b |
| 89 | 13185 | 35.7 | −32 29 | 7.8 | 7.2 | Fo | 6 | .. | 40731b |
| 90 | 11971 | 35.7 | −34 4 | 9.6 | 9.0 | B | 1 | .. | 16748b |
| 91 | 11829 | 35.7 | −35 12 | var. | var. | Nb | .. | R | M |
| 92 | 11828 | 35.7 | −35 28 | 8.1 | 8.0 | Ao | 7 | .. | 40731b |
| 93 | 11796 | 35.7 | −36 23 | 10.4 | 9.3 | Fo | 2 | .. | 16748b |
| 94 | 11803 | 35.7 | −37 58 | 10.0 | 8.3 | Ao | 3 | .. | 40426b |
| 95 | 11767 | 35.7 | −39 18 | 8.4 | 10.2 | K2 | 3 | .. | 16748b |
| 96 | 11768 | 35.7 | −39 27 | 9.8 | 9.6 | Ao | 4 | .. | 16748b |
| 97 | 11785 | 35.7 | −46 36 | 10.6 | 10.8 | K2 | 1 | .. | 21873b |
| 98 | *11739* | 35.7 | −48 0 | 10.6 | 10.1 | B8 | 3 | .. | 21873b |
| 99 | 11965 | 35.7 | −48 4 | 11.0 | 10.3 | B8 | 3 | .. | 21873b |
| 100 | 11652 | 35.7 | −49 8 | 9.5 | 10.4 | Ko | 3 | .. | 21873b |



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## 160600 — $17^h\,35^m.7$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 8276 | 35.7 | −55 25 | 8.5 | 8.1 | Ao | 5 | .. | 17453b |
| 2 | 7123 | 35.7 | −59 28 | 8.0 | 8.8 | G5 | 5 | .. | 17453b |
| 3 | 1219 | 35.7 | −76 33 | *8.6* | 9.4 | G5 | 2 | .. | 42633b |
| 4 | 664 | 35.8 | +77 10 | 9.6 | *9.6* | A | 2 | .. | 37240i |
| 5 | 941 | 35.8 | +68 52 | 8.6 | *9.7* | K2 | 1 | .. | 38095i |
| 6 | 1363 | 35.8 | +63 23 | 8.0 | *8.1* | A3 | 5 | .. | 38505i |
| 7 | 3467 | 35.8 | + 8 38 | 8.6 | *9.1* | F8 | 3 | .. | 11305b |
| 8 | 3447 | 35.8 | + 5 4 | 8.71 | *9.71* | Ko | 2 | .. | 14148b |
| 9 | 3476 | 35.8 | + 4 11 | 7.7 | *7.7* | B8 | 8 | .. | 14148b |
| 10 | 3376 | 35.8 | − 1 52 | 8.92 | *8.98* | A2 | 4 | .. | 39468b |
| 11 | 4481 | 35.8 | − 5 58 | 8.6 | *8.6* | Ao | 5 | .. | 24207b |
| 12 | 4438 | 35.8 | −11 58 | 10.2 | *10.2* | Ao | 2 | .. | 21435b |
| 13 | 4808 | 35.8 | −12 49 | 4.39 | *4.45* | A2 | .. | R | **56**,94 |
| 14 | 4710 | 35.8 | −13 51 | 10.2 | *10.3* | A2 | 5 | .. | 21435b |
| 15 | 4726 | 35.8 | −14 25 | 9.2 | *9.2* | Ao | 7 | .. | 21435b |
| 16 | 4646 | 35.8 | −15 15 | 9.0 | *9.1* | A3 | 5 | .. | 21435b |
| 17 | 11755 | 35.8 | −40 15 | 9.0 | 8.8 | F5 | 4 | .. | 40426b |
| 18 | 11994 | 35.8 | −44 43 | 8.5 | 9.0 | G5 | 7 | .. | 21873b |
| 19 | 11819 | 35.8 | −45 5 | 10.3 | 10.4 | K2 | 1 | .. | 21873b |
| 20 | 6020 | 35.8 | −61 37 | 8.6 | 10.0 | Go | 1 | .. | 39370b |
| 21 | 3477 | 35.9 | + 4 53 | 9.11 | *9.25* | A5 | 3 | .. | 14148b |
| 22 | 3377 | 35.9 | − 1 22 | 8.3 | *9.3* | Ko | 3 | .. | 39468b |
| 23 | .. | 35.9 | −12 53 | .. | .. | Ao | 2 | .. | 21435b |
| 24 | 4727 | 35.9 | −14 55 | 9.21 | *10.28* | K2 | 2 | .. | 21435b |
| 25 | 4889 | 35.9 | −17 46 | 10.2 | *10.8* | Go | 3 | .. | 39404b |
| 26 | 4395 | 35.9 | −22 16 | 9.0 | 9.5 | Go | 5 | .. | 38104b |
| 27 | 12252 | 35.9 | −26 47 | 7.9 | 8.5 | Fo | 7 | .. | 22826b |
| 28 | 12138 | 35.9 | −38 25 | 8.4 | 8.7 | Fo | 4 | .. | 40426b |
| 29 | 11770 | 35.9 | −39 39 | 8.0 | 9.6 | Ko | 2 | .. | 40426b |
| 30 | *11942* | 35.9 | −42 0 | 8.0 | 7.8 | Ao | 5 | .. | 40426b |
| 31 | 11820 | 35.9 | −45 7 | 11.6 | 9.9 | B9 | 3 | .. | 21873b |
| 32 | 11742 | 35.9 | −47 31 | 9.3 | 8.7 | Ao | 8 | .. | 21873b |
| 33 | 11655 | 35.9 | −49 39 | 10.1 | 9.8 | Fo | 4 | .. | 21873b |
| 34 | 8278 | 35.9 | −55 2 | *9.9* | 9.9 | Ao | 2 | .. | 19961b |
| 35 | 3662 | 35.9 | −64 41 | 3.58 | *4.58* | Ko | .. | R | **28**,212 |
| 36 | 2674 | 36.0 | +49 40 | 8.8 | *9.9* | K2 | 1 | .. | 38778i |
| 37 | 2874 | 36.0 | +41 5 | 7.9 | *8.9* | Ko | 1 | .. | 37220i |
| 38 | 3040 | 36.0 | +30 52 | 8.9 | *10.1* | K5 | 1 | .. | 38447i |
| 39 | 4809 | 36.0 | −12 19 | 9.5 | *9.6* | A5 | 2 | .. | 21435b |
| 40 | 4891 | 36.0 | −17 37 | 10.4 | *10.9* | F8 | 4 | .. | 39404b |
| 41 | 4890 | 36.0 | −17 51 | 10.7 | *10.5* | B | 3 | R | 39404b |
| 42 | 4892 | 36.0 | −17 54 | 10.4 | *11.6* | K5 | 1 | .. | 39404b |
| 43 | 4622 | 36.0 | −18 5 | 9.8 | *9.8* | B9 | 4 | .. | 39404b |
| 44 | 11972 | 36.0 | −34 16 | 8.5 | 7.8 | B8 | 6 | .. | 40731b |
| 45 | 11834 | 36.0 | −35 17 | 10.0 | 9.5 | Ko | 1 | .. | 16748b |
| 46 | 12139 | 36.0 | −38 54 | 8.2 | 9.6 | K2 | 3 | .. | 16748b |
| 47 | 11758 | 36.0 | −40 57 | 8.7 | 8.4 | B9 | 5 | .. | 40426b |
| 48 | 11789 | 36.0 | −46 32 | 7.9 | 7.4 | B8 | 10 | .. | 21873b |
| 49 | 11744 | 36.0 | −47 11 | 10.3 | 9.3 | B8 | 6 | .. | 21873b |
| 50 | 11746 | 36.0 | −47 19 | 9.7 | 9.3 | Go | 5 | .. | 21873b |
| 51 | 11966 | 36.0 | −48 6 | 11.6 | 10.7 | Ao | 2 | .. | 21873b |
| 52 | 11659 | 36.0 | −49 14 | 9.9 | 9.9 | B9 | 4 | .. | 21873b |
| 53 | 10800 | 36.0 | −52 34 | 8.3 | 8.3 | B8 | 9 | .. | 19961b |
| 54 | 10801 | 36.0 | −52 56 | *9.8* | 9.8 | Ao | 3 | .. | 19961b |
| 55 | 8461 | 36.0 | −54 43 | *8.8* | 9.9 | K2 | 2 | .. | 19961b |
| 56 | 8414 | 36.0 | −56 47 | 9.0 | 9.7 | K2 | 1 | .. | 17453b |
| 57 | 1684 | 36.1 | +61 46 | 8.0 | *9.0* | Ko | 1 | 2,1 | 38505i |
| 58 | 1683 | 36.1 | +61 1 | 8.6 | *8.7* | A5 | 2 | .. | 38505i |
| 59 | 2931 | 36.1 | +33 23 | 9.3 | *9.4* | A3 | 1 | .. | 38779i |
| 60 | 3449 | 36.1 | + 5 44 | 9.0 | *9.1* | A5 | 2 | .. | 11305b |
| 61 | 4712 | 36.1 | −13 5 | 10.2 | *11.3* | K2 | 1 | .. | 21435b |
| 62 | 4711 | 36.1 | −13 16 | 8.2 | *8.8* | Go | 8 | .. | 21435b |
| 63 | 4650 | 36.1 | −15 14 | 10.8 | *10.8* | Ao | 2 | .. | 21435b |
| 64 | 4893 | 36.1 | −17 48 | 10.0 | *11.0* | Ko | 2 | .. | 39404b |
| 65 | 13881 | 36.1 | −29 23 | 7.8 | 8.5 | Fo | 6 | .. | 22826b |
| 66 | 11975 | 36.1 | −34 47 | 10.0 | 9.2 | G5 | 1 | .. | 16748b |
| 67 | 11806 | 36.1 | −36 38 | 10.7 | 9.2 | Ao | 2 | .. | 16748b |
| 68 | 11804 | 36.1 | −36 54 | 5.58 | 7.3 | K2 | .. | 3,8 | **56**,140 |
| 69 | 11791 | 36.1 | −46 16 | 10.3 | 10.5 | Ko | 1 | .. | 21873b |
| 70 | 11748 | 36.1 | −47 8 | 8.9 | 8.4 | Ao | 9 | .. | 21873b |
| 71 | 11747 | 36.1 | −47 52 | 11.6 | 9.9 | Ao | 2 | .. | 21873b |
| 72 | 11661 | 36.1 | −49 53 | 8.90 | 10.1 | K5 | 3 | .. | 21873b |
| 73 | 6924 | 36.1 | −60 28 | var. | var. | K5 | 1 | R | 20144b |
| 74 | 6925 | 36.1 | −60 42 | 9.2 | 9.7 | A2 | 2 | .. | 17453b |
| 75 | 3663 | 36.1 | −64 17 | 7.04 | 7.0 | A3 | 10 | .. | 20144b |
| 76 | 2548 | 36.2 | +48 45 | 8.8 | *10.0* | K5 | 1 | .. | 38778i |
| 77 | 3075 | 36.2 | +31 15 | 6.30 | *7.65* | Ma | 5 | .. | 38447i |
| 78 | 3079 | 36.2 | +29 18 | 7.46 | *8.46* | Ko | 2 | .. | 38447i |
| 79 | 4894 | 36.2 | −17 20 | 9.8 | *9.8* | Ao | 4 | .. | 39404b |
| 80 | 4396 | 36.2 | −22 6 | 9.8 | 10.1 | Ko | 2 | .. | 38104b |
| 81 | 12225 | 36.2 | −25 44 | 8.7 | 9.2 | G5 | 3 | .. | 22826b |
| 82 | 13452 | 36.2 | −28 42 | 9.0 | 9.1 | G5 | 4 | .. | 22826b |
| 83 | 14606 | 36.2 | −30 40 | 8.7 | 9.7 | K5 | 1 | .. | 40731b |
| 84 | 11765 | 36.2 | −40 33 | 9.0 | 9.0 | F5 | 2 | .. | 40426b |
| 85 | 11949 | 36.2 | −41 17 | 9.0 | 8.5 | Fo | 4 | .. | 40426b |
| 86 | 11957 | 36.2 | −43 43 | var. | var. | Mc | .. | R | M |
| 87 | 12000 | 36.2 | −44 35 | 9.9 | 9.7 | Ao | 5 | .. | 21873b |
| 88 | 11793 | 36.2 | −46 36 | 9.1 | 8.7 | A2 | 7 | .. | 21873b |
| 89 | 11665 | 36.2 | −49 2 | 10.3 | 9.8 | F5 | 3 | .. | 21873b |
| 90 | 11093 | 36.2 | −51 13 | 10.6 | 9.8 | Ao | 2 | .. | 19961b |
| 91 | 11094 | 36.2 | −51 47 | 5.26 | 7.2 | G5 | .. | R | **56**,140 |
| 92 | 1149 | 36.2 | −78 45 | *9.7* | 9.8 | A5 | 2 | .. | 19008b |
| 93 | 2926 | 36.3 | +37 17 | 8.6 | *9.2* | Go | 2 | .. | 38779i |
| 94 | 3274 | 36.3 | +12 6 | 8.1 | *9.3* | K5 | 1 | .. | 38781i |
| 95 | 3230 | 36.3 | +11 37 | 8.7 | *9.8* | K2 | 1 | .. | 38781i |
| 96 | 3471 | 36.3 | + 8 50 | 8.6 | *8.6* | Ao | 4 | .. | 11305b |
| 97 | 4483 | 36.3 | − 7 37 | 9.2 | *9.3* | A2 | 3 | .. | 39416b |
| 98 | *4714* | 36.3 | −14 1 | 10.2 | *10.7* | F8 | 3 | .. | 21435b |
| 99 | 4732 | 36.3 | −14 6 | 10.0 | *10.8* | G5 | 2 | .. | 21435b |
| 100 | 4592 | 36.3 | −16 27 | 9.8 | *10.8* | Ko | 1 | .. | 39404b |



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1922AnHar..97....1C



## 160700 — 17h 36m.3

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | *4591* | 36.3 | −17 0 | 9.5 | *10.7* | K5 | 1 | .. | 39404b |
| 2 | 4706 | 36.3 | −21 41 | 9.8 | 9.8 | A3 | 2 | .. | 39404b |
| 3 | 13514 | 36.3 | −23 18 | 7.70 | 8.6 | G5 | 7 | .. | 38104b |
| 4 | 13515 | 36.3 | −23 41 | 9.5 | 9.5 | B2 | 2 | .. | 38104b |
| 5 | 13434 | 36.3 | −24 57 | 9.65 | 10.2 | Ko | 2 | .. | 38104b |
| 6 | 13455 | 36.3 | −28 16 | 8.5 | 9.5 | K2 | 2 | .. | 22826b |
| 7 | 12379 | 36.3 | −33 11 | 10.7 | 9.9 | B8 | 2 | .. | 40731b |
| 8 | 11979 | 36.3 | −34 33 | 10.4 | 9.2 | Ao | 1 | .. | 16748b |
| 9 | 11839 | 36.3 | −35 15 | 10.4 | 9.0 | A2 | 2 | .. | 16748b |
| 10 | 11807 | 36.3 | −36 4 | 9.4 | 9.2 | Ko | 1 | .. | 16748b |
| 11 | 11808 | 36.3 | −36 13 | 11.4 | 9.0 | Ao | 1 | .. | 16748b |
| 12 | 11769 | 36.3 | −40 2 | 9.28 | 9.3 | F | 2 | .. | 40426b |
| 13 | 11771 | 36.3 | −40 18 | 9.4 | 9.9 | Ko | 1 | .. | 40426b |
| 14 | 11959 | 36.3 | −43 46 | 9.9 | 9.3 | A2 | 5 | .. | 21873b |
| 15 | 11825 | 36.3 | −45 55 | 7.0 | 7.0 | B9 | 4 | .. | 4941b |
| 16 | 11795 | 36.3 | −46 14 | 9.9 | 10.1 | K5 | 1 | .. | 21873b |
| 17 | 11796 | 36.3 | −46 33 | 8.4 | 9.1 | K2 | 5 | .. | 21873b |
| 18 | 8752 | 36.3 | −53 40 | 8.5 | 8.8 | A2 | 5 | .. | 19961b |
| 19 | 8462 | 36.3 | −54 51 | 8.8 | 9.6 | Ko | 4 | .. | 19961b |
| 20 | 8703 | 36.3 | −57 30 | 6.14 | 7.3 | G5 | 10 | .. | 17453b |
| 21 | 6926 | 36.3 | −60 9 | 8.7 | 9.2 | A2 | 2 | .. | 20144b |
| 22 | 470 | 36.3 | −85 24 | *9.9* | 9.9 | Ao | 5 | .. | 43458b |
| 23 | 930 | 36.4 | +69 20 | 8.2 | *9.2* | Ko | 4 | .. | 38095i |
| 24 | 3029 | 36.4 | +35 52 | 8.9 | *9.9* | Ko | 1 | .. | 37871i |
| 25 | *3494* | 36.4 | + 5 59 | 7.8 | *7.9* | A3 | 7 | .. | 11305b |
| 26 | 4716 | 36.4 | −13 46 | 10.4 | *10.4* | Ao | 4 | .. | 21435b |
| 27 | 4715 | 36.4 | −13 54 | 8.4 | *8.5* | A5 | 9 | .. | 21435b |
| 28 | 4733 | 36.4 | −14 18 | 9.3 | *9.7* | F5 | 8 | .. | 21435b |
| 29 | 4593 | 36.4 | −16 12 | 10.4 | *10.9* | F8 | 1 | .. | 39404b |
| 30 | 13435 | 36.4 | −24 15 | 10.2 | 9.5 | B | 2 | .. | 38104b |
| 31 | 14446 | 36.4 | −31 41 | 9.0 | 8.9 | Ao | 3 | .. | 40731b |
| 32 | 11814 | 36.4 | −37 58 | 10.9 | 9.5 | A2 | 2 | .. | 16748b |
| 33 | *11770* | 36.4 | −41 1 | 9.1 | 8.4 | Ao | 4 | .. | 40426b |
| 34 | 12415 | 36.4 | −42 25 | 9.9 | 9.3 | A2 | 1 | .. | 19911b |
| 35 | 12003 | 36.4 | −44 1 | 8.5 | 9.1 | Ko | 7 | .. | 21873b |
| 36 | 11753 | 36.4 | −47 35 | 9.0 | 8.4 | A2 | 9 | .. | 21873b |
| 37 | 8280 | 36.4 | −55 38 | 9.1 | 9.7 | K2 | 2 | .. | 19961b |
| 38 | 8416 | 36.4 | −56 47 | 9.2 | 9.7 | Ko | 1 | .. | 17453b |
| 39 | 2515 | 36.5 | +47 17 | 8.0 | *8.5* | F8 | 3 | .. | 38778i |
| 40 | 2745 | 36.5 | +44 4 | 7.19 | *7.25* | A2 | 8 | .. | 37844i |
| 41 | 3495 | 36.5 | + 6 50 | 8.7 | *9.5* | G5 | 3 | .. | 11305b |
| 42 | 3450 | 36.5 | + 5 33 | 8.5 | *8.5* | B9 | 4 | .. | 11305b |
| 43 | 3346 | 36.5 | − 0 38 | 8.0 | *8.0* | Ao | 6 | .. | 14148b |
| 44 | 4717 | 36.5 | −13 41 | 9.5 | *9.5* | B9 | 7 | .. | 21435b |
| 45 | 4651 | 36.5 | −15 41 | 8.8 | *8.8* | Ao | 4 | .. | 39460b |
| 46 | 4688 | 36.5 | −19 21 | 8.8 | 8.7 | Go | 3 | .. | 38062b |
| 47 | 13889 | 36.5 | −29 56 | 9.74 | 9.4 | Ao | 2 | .. | 22826b |
| 48 | *13208* | 36.5 | −33 0 | 6.47 | 8.0 | Ma | 5 | .. | 40731b |
| 49 | 11844 | 36.5 | −35 9 | 9.08 | 9.5 | Ko | 2 | .. | 16748b |
| 50 | 11813 | 36.5 | −36 16 | 10.4 | 9.2 | Ao | 1 | .. | 16748b |
| 51 | 11778 | 36.5 | −39 47 | 8.4 | 8.1 | B8 | 5 | .. | 40426b |
| 52 | 12418 | 36.5 | −42 59 | 8.3 | 9.1 | Ko | 2 | .. | 19911b |
| 53 | 11757 | 36.5 | −47 50 | 9.3 | 9.9 | Ko | 3 | .. | 21873b |
| 54 | 11974 | 36.5 | −48 16 | 7.9 | 9.0 | G5 | 8 | .. | 21873b |
| 55 | 11505 | 36.5 | −50 18 | 9.3 | 9.2 | Ao | 5 | .. | 19961b |
| 56 | 11096 | 36.5 | −51 20 | 9.5 | 9.5 | Ao | 6 | .. | 19961b |
| 57 | 2171 | 36.5 | −71 44 | *9.0* | 9.1 | A2 | 4 | .. | 21336b |
| 58 | 666 | 36.6 | +77 24 | 8.0 | *8.3* | F2 | 3 | .. | 37240i |
| 59 | 1967 | 36.6 | +53 43 | 8.9 | *9.7* | G5 | 1 | .. | 38777i |
| 60 | 2240 | 36.6 | +51 45 | 8.6 | *9.7* | K2 | 1 | .. | 38778i |
| 61 | 2549 | 36.6 | +48 30 | 8.0 | *8.3* | F2 | 3 | .. | 38778i |
| 62 | 2349 | 36.6 | +46 4 | 3.79 | *3.62* | B3 | .. | R | 1386c |
| 63 | 2800 | 36.6 | +28 14 | 9.3 | *10.1* | G5 | 1 | .. | 38447i |
| 64 | 3251 | 36.6 | +16 31 | 7.9 | *7.9* | Ao | 2 | .. | 38473i |
| 65 | 3246 | 36.6 | +15 13 | 6.26 | *6.26* | Ao | 10 | .. | 37827i |
| 66 | 3231 | 36.6 | +11 16 | 8.6 | *8.6* | Ao | 3 | .. | 38781i |
| 67 | 4848 | 36.6 | −20 3 | 8.13 | 8.1 | Ao | 6 | .. | 38062i |
| 68 | 4397 | 36.6 | −22 19 | 8.9 | 8.7 | Go | 5 | .. | 38104b |
| 69 | 11841 | 36.6 | −27 48 | 8.5 | 8.8 | F5 | 4 | .. | 22826b |
| 70 | 12385 | 36.6 | −33 34 | 10.0 | 9.1 | Ao | 2 | .. | 40731b |
| 71 | 11775 | 36.6 | −40 51 | 9.4 | 9.9 | Ko | 1 | 0,1 | 19911b |
| 72 | 12420 | 36.6 | −42 11 | 9.1 | 8.5 | B9 | 5 | .. | 19911b |
| 73 | 11837 | 36.6 | −45 6 | 10.6 | 10.2 | K2 | 1 | .. | 21873b |
| 74 | 11798 | 36.6 | −46 56 | 11.6 | 9.3 | A2 | 5 | .. | 21873b |
| 75 | 11504 | 36.6 | −50 36 | 10.1 | 9.8 | A2 | 3 | .. | 19961b |
| 76 | 8282 | 36.6 | −55 27 | *8.6* | 9.6 | Ko | 1 | .. | 19961b |
| 77 | 7127 | 36.6 | −59 38 | 8.5 | 8.8 | Fo | 6 | .. | 17453b |
| 78 | *1150* | 36.6 | −79 0 | *8.4* | 9.2 | G5 | 6 | .. | 19008b |
| 79 | 1561 | 36.7 | +62 0 | 7.9 | *7.9* | Ao | 4 | .. | 38505i |
| 80 | 1961 | 36.7 | +55 48 | 7.34 | *7.76* | F5 | 5 | .. | 38015i |
| 81 | 3498 | 36.7 | + 6 22 | 5.98 | *6.98* | Ko | 7 | .. | 11305b |
| 82 | 3452 | 36.7 | + 5 33 | 9.5 | *10.5* | Ko | 1 | .. | 14148b |
| 83 | 3481 | 36.7 | + 4 14 | 8.1 | *8.2* | A2 | 5 | .. | 14148b |
| 84 | 3484 | 36.7 | + 1 11 | 9.1 | *9.7* | Go | 2 | .. | 14148b |
| 85 | 4155 | 36.7 | − 3 48 | 9.0 | *9.6* | Go | 3 | .. | 39468b |
| 86 | 4719 | 36.7 | −13 11 | 10.0 | *10.6* | Go | 2 | .. | 21435b |
| 87 | 4720 | 36.7 | −13 36 | 10.0 | *11.2* | K5 | 1 | .. | 21435b |
| 88 | 4734 | 36.7 | −14 57 | 8.41 | *8.97* | Go | 8 | .. | 21435b |
| 89 | 4652 | 36.7 | −15 57 | 9.3 | *10.5* | K5 | 2 | .. | 39404b |
| 90 | 4626 | 36.7 | −18 25 | 10.2 | *10.8* | Go | 2 | .. | 38062b |
| 91 | 11849 | 36.7 | −35 9 | 8.58 | 8.9 | Ao | 2 | R | 16748b |
| 92 | 11850 | 36.7 | −35 9 | | 9.0 | Ao | 3 | | |
| 93 | 12146 | 36.7 | −38 59 | 9.4 | 9.9 | G5 | 3 | .. | 16748b |
| 94 | 11780 | 36.7 | −39 45 | 8.0 | 9.0 | Ko | 4 | .. | 40426b |
| 95 | 11776 | 36.7 | −40 35 | 9.0 | 9.3 | F8 | 2 | .. | 40426b |
| 96 | 12007 | 36.7 | −44 25 | 11.6 | 9.9 | B8 | 3 | .. | 21873b |
| 97 | 12008 | 36.7 | −44 35 | 8.7 | 7.9 | B8 | 8 | .. | 21873b |
| 98 | 11670 | 36.7 | −49 54 | 7.76 | 8.3 | Ko | 8 | .. | 21873b |
| 99 | 10813 | 36.7 | −52 17 | 8.8 | 9.2 | Fo | 5 | .. | 19961b |
| 100 | 1863 | 36.7 | −73 5 | *8.2* | 8.5 | Fo | 6 | .. | 21336b |



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1922AnHar..97....1C



## 160800 — $17^h\,36^m.7$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 1221 | 36.7 | −76 39 | *8.8* | 10.0 | K5 | 1 | .. | 42633b |
| 2 | 549 | 36.8 | +80 16 | 8.6 | *9.6* | Ko | 1 | .. | 37240i |
| 3 | 3019 | 36.8 | +34 16 | 8.1 | *8.9* | G5 | 3 | .. | 37871i |
| 4 | *4485* | 36.8 | − 8 2 | 8.8 | *9.1* | Fo | 4 | .. | 39416b |
| 5 | 4721 | 36.8 | −13 15 | 10.0 | *10.6* | Go | 3 | .. | 21435b |
| 6 | 4690 | 36.8 | −19 52 | 9.8 | 9.5 | F8 | 3 | .. | 39404b |
| 7 | 13896 | 36.8 | −29 30 | 10.2 | 10.0 | Kp | 1 | .. | 22826b |
| 8 | 13894 | 36.8 | −29 52 | 8.44 | 9.4 | A | 2 | R | 22826b |
| 9 | 13895 | 36.8 | −29 53 | | 9.9 | K2 | 1 | | |
| 10 | 11852 | 36.8 | −35 15 | 6.83 | 8.4 | K2 | 4 | .. | 16748b |
| 11 | 11819 | 36.8 | −36 9 | 9.6 | 9.0 | F8 | 2 | .. | 16748b |
| 12 | 12147 | 36.8 | −38 9 | 8.7 | 7.6 | B5 | 5 | .. | 40426b |
| 13 | 11782 | 36.8 | −39 14 | 9.4 | 10.2 | Ko | 2 | .. | 16748b |
| 14 | 12422 | 36.8 | −42 51 | 10.1 | 9.6 | Ao | 1 | .. | 19911b |
| 15 | 11838 | 36.8 | −45 12 | 11.0 | 9.9 | A2 | 3 | .. | 21873b |
| 16 | 11760 | 36.8 | −47 6 | 9.9 | 9.3 | F2 | 7 | .. | 21873b |
| 17 | 11673 | 36.8 | −49 2 | 10.6 | 10.1 | Ao | 3 | .. | 21873b |
| 18 | 8468 | 36.8 | −54 5 | 7.2 | 7.4 | Ao | 10 | .. | 19961b |
| 19 | 1222 | 36.8 | −76 1 | *7.3* | 8.3 | Ko | 7 | .. | 42633b |
| 20 | 471 | 36.8 | −85 30 | *9.3* | 10.4 | K2 | 3 | .. | 43458b |
| 21 | 3188 | 36.9 | +39 48 | 8.47 | *8.97* | F8 | 2 | .. | 38779i |
| 22 | 3076 | 36.9 | +31 22 | 6.43 | *7.43* | Ko | 7 | .. | 38447i |
| 23 | 3482 | 36.9 | + 4 24 | 6.91 | *7.47* | Go | 7 | .. | 14148b |
| 24 | 4330 | 36.9 | − 4 14 | 9.2 | *10.2* | Ko | 1 | .. | 39468b |
| 25 | 4655 | 36.9 | −15 31 | 7.38 | *7.38* | Ao | 7 | .. | 39460b |
| 26 | 13221 | 36.9 | −32 11 | 8.7 | 8.5 | Ao | 5 | .. | 40731b |
| 27 | 11824 | 36.9 | −37 46 | 10.4 | 8.9 | Fo | 3 | .. | 16748b |
| 28 | 12148 | 36.9 | −38 21 | 9.4 | 10.2 | G5 | 1 | .. | 40426b |
| 29 | *11761* | 36.9 | −48 0 | 11.6 | 10.4 | B9 | 2 | .. | 21873b |
| 30 | 11676 | 36.9 | −49 30 | 8.6 | 8.6 | B8 | 7 | .. | 21873b |
| 31 | 7247 | 36.9 | −58 56 | 8.2 | 8.8 | Go | 2 | .. | 17453b |
| 32 | 945 | 37.0 | +68 34 | 7.9 | *9.1* | K5 | 2 | .. | 38095i |
| 33 | 2676 | 37.0 | +49 56 | 8.39 | *9.57* | K5 | 1 | .. | 38778i |
| 34 | 3082 | 37.0 | +29 43 | 8.5 | *9.6* | K2 | 1 | .. | 38447i |
| 35 | 3225 | 37.0 | +24 33 | 6.46 | *7.46* | Ko | 6 | 0,5 | 38447i |
| 36 | 4592 | 37.0 | − 9 2 | 9.5 | *10.5* | Ko | 1 | .. | 39416b |
| 37 | 4722 | 37.0 | −13 51 | 10.4 | *10.4* | Ao | 3 | .. | 21435b |
| 38 | 4895 | 37.0 | −17 55 | 10.0 | *10.0* | Ao | 4 | .. | 38062b |
| 39 | 11850 | 37.0 | −27 50 | 6.35 | 7.2 | A5 | 7 | 5,9 | 13838b |
| 40 | 13223 | 37.0 | −32 37 | 6.79 | 7.9 | Mb | 5 | .. | 40731b |
| 41 | 11992 | 37.0 | −34 1 | 7.8 | 7.5 | Ao | 7 | .. | 40731b |
| 42 | 11823 | 37.0 | −36 16 | 10.4 | 8.9 | Ao | 3 | .. | 16748b |
| 43 | 12012 | 37.0 | −44 9 | 9.1 | 10.1 | K5 | 3 | .. | 21873b |
| 44 | 11763 | 37.0 | −47 24 | 9.9 | 9.4 | G5 | 5 | .. | 21873b |
| 45 | 11764 | 37.0 | −47 37 | 11.6 | 9.9 | Ao | 3 | .. | 21873b |
| 46 | 11102 | 37.0 | −51 21 | 9.5 | 9.8 | K5 | 1 | .. | 19961b |
| 47 | 8708 | 37.0 | −57 57 | 9.2 | 9.6 | Go | 3 | .. | 17453b |
| 48 | 3077 | 37.1 | +31 19 | 8.5 | *8.5* | Ao | 4 | .. | 38447i |
| 49 | 3473 | 37.1 | + 8 16 | 9.0 | *9.1* | A3 | 5 | .. | 16851b |
| 50 | 4331 | 37.1 | − 4 43 | 8.8 | *8.8* | Ao | 3 | .. | 24207b |
| 51 | 4724 | 37.1 | −13 24 | 11.1 | *11.1* | B8 | 2 | .. | 21435b |
| 52 | 14623 | 37.1 | −30 8 | 7.57 | 7.7 | A5 | 6 | .. | 40731b |
| 53 | 13228 | 37.1 | −32 18 | 9.1 | 8.8 | Ao | 4 | .. | 40731b |
| 54 | 13225 | 37.1 | −32 53 | 9.0 | 8.0 | Ao | 5 | .. | 40731b |
| 55 | 11994 | 37.1 | −34 55 | 8.68 | 8.1 | Ao | 5 | .. | 40731b |
| 56 | 11967 | 37.1 | −43 59 | 10.1 | 9.1 | B8 | 7 | .. | 21873b |
| 57 | 12016 | 37.1 | −44 36 | 10.3 | 9.9 | B9 | 4 | .. | 21873b |
| 58 | 11805 | 37.1 | −46 47 | 8.5 | 8.2 | A2 | 9 | .. | 21873b |
| 59 | 5690 | 37.1 | −62 42 | *7.6* | 8.2 | Go | 7 | .. | 20144b |
| 60 | 2754 | 37.1 | −69 31 | *8.1* | 9.1 | Ko | 3 | .. | 42525b |
| 61 | 947 | 37.2 | +68 27 | 8.1 | *8.5* | F5 | 3 | .. | 38095i |
| 62 | 1027 | 37.2 | +67 11 | 7.8 | *7.9* | A2 | 3 | .. | 38095i |
| 63 | 2929 | 37.2 | +37 54 | 8.8 | *8.9* | A3 | 1 | .. | 38779i |
| 64 | 3036 | 37.2 | +35 30 | 8.7 | *9.8* | K2 | 1 | .. | 38779i |
| 65 | 3401 | 37.2 | +19 11 | 7.82 | *7.82* | Ao | 4 | .. | 38784i |
| 66 | 3309 | 37.2 | +17 3 | 7.9 | *8.3* | F5 | 2 | .. | 38473i |
| 67 | 3483 | 37.2 | + 4 27 | 8.9 | *9.5* | Go | 2 | .. | 14148b |
| 68 | 4433 | 37.2 | − 2 23 | 8.0 | *8.8* | G5 | 4 | 5,3 | 39468b |
| 69 | 4332 | 37.2 | − 4 48 | 6.79 | *8.14* | Ma | 5 | .. | 24207b |
| 70 | 4658 | 37.2 | −15 55 | 9.8 | *10.8* | Ko | 3 | .. | 39404b |
| 71 | 11996 | 37.2 | −34 24 | 8.2 | 8.7 | K5 | 2 | .. | 40731b |
| 72 | 11860 | 37.2 | −35 27 | 8.15 | 8.1 | B5 | 6 | .. | 16748b |
| 73 | 11825 | 37.2 | −36 57 | 11.1 | 9.2 | Ao | 1 | .. | 16748b |
| 74 | 12154 | 37.2 | −38 46 | 6.78 | 7.4 | G5 | 7 | .. | 40426b |
| 75 | 11785 | 37.2 | −39 18 | 10.2 | 10.2 | F2 | 2 | .. | 16748b |
| 76 | 11965 | 37.2 | −41 37 | 7.4 | 7.6 | B8 | 6 | .. | 19911b |
| 77 | 11970 | 37.2 | −43 52 | 7.4 | 8.4 | Ko | 9 | .. | 21873b |
| 78 | 12018 | 37.2 | −44 10 | 9.1 | 8.5 | B5 | 7 | .. | 21873b |
| 79 | 11104 | 37.2 | −51 5 | 10.1 | 9.8 | Ao | 2 | .. | 19961b |
| 80 | 10819 | 37.2 | −52 42 | 9.0 | 9.8 | G5 | 2 | .. | 19961b |
| 81 | 8471 | 37.2 | −54 47 | *9.1* | 10.2 | K2 | 1 | .. | 37621b |
| 82 | 8422 | 37.2 | −56 51 | *9.6* | 9.6 | Ao | 3 | .. | 17453b |
| 83 | 2678 | 37.3 | +49 50 | 6.63 | *6.63* | Ao | 8 | .. | 38778i |
| 84 | 3269 | 37.3 | +10 41 | 8.1 | *9.3* | K5 | 3 | .. | 38781i |
| 85 | *3454* | 37.3 | + 4 58 | 9.5 | *10.5* | Ko | 1 | .. | 14148b |
| 86 | 4629 | 37.3 | −18 16 | 10.0 | *9.9* | B5 | 3 | .. | 39404b |
| 87 | 4693 | 37.3 | −19 28 | 8.9 | 9.2 | Ao | 3 | .. | 38062b |
| 88 | 12238 | 37.3 | −25 2 | 9.45 | 9.5 | Go | 3 | .. | 22826b |
| 89 | *11998* | 37.3 | −35 1 | 9.4 | 8.7 | Ao | 3 | R | 40731b |
| 90 | 11828 | 37.3 | −36 44 | 8.4 | 8.3 | Ko | 3 | .. | 40426b |
| 91 | 11832 | 37.3 | −37 10 | 9.4 | 8.7 | B9 | 3 | .. | 40426b |
| 92 | 11833 | 37.3 | −37 34 | 9.4 | 8.6 | Ao | 3 | .. | 40426b |
| 93 | 12156 | 37.3 | −38 14 | 9.0 | 9.3 | F2 | 2 | .. | 40426b |
| 94 | 11786 | 37.3 | −40 4 | 8.73 | 9.9 | K5 | 1 | .. | 40426b |
| 95 | 11787 | 37.3 | −40 14 | 8.7 | 8.7 | Ao | 3 | .. | 19911b |
| 96 | 11789 | 37.3 | −40 19 | 10.9 | 9.6 | Ao | 1 | .. | 19911b |
| 97 | *12427* | 37.3 | −43 1 | 9.7 | 9.3 | B9 | 2 | .. | 19911b |
| 98 | 11851 | 37.3 | −45 42 | 8.5 | 9.4 | K2 | 4 | .. | 21873b |
| 99 | 11770 | 37.3 | −47 5 | 10.1 | 9.9 | F5 | 3 | .. | 21873b |
| 100 | 11769 | 37.3 | −47 40 | 7.4 | 7.4 | Ao | 4 | .. | 4941b |



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1922AnHar..97....1C



## 160900 — $17^h\ 37^m.3$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11980 | 37.3 | −48 6 | 8.3 | 8.0 | Ao | 10 | .. | 21873b |
| 2 | 11979 | 37.3 | −48 8 | 9.1 | 9.9 | K2 | 1 | .. | 21873b |
| 3 | 10821 | 37.3 | −52 3 | *9.8* | 9.9 | A2 | 3 | .. | 19961b |
| 4 | 8287 | 37.3 | −55 3 | *9.7* | 9.7 | Ao | 2 | .. | 37621b |
| 5 | 8710 | 37.3 | −57 47 | 8.9 | 9.3 | F8 | 3 | .. | 17453b |
| 6 | 7131 | 37.3 | −59 18 | 8.6 | 9.5 | K2 | 2 | .. | 17453b |
| 7 | 7132 | 37.3 | −59 38 | 8.5 | 9.8 | K5 | 1 | .. | 17453b |
| 8 | 6928 | 37.3 | −60 47 | 8.7 | 9.4 | K2 | 3 | .. | 20144b |
| 9 | 6028 | 37.3 | −61 3 | 8.9 | 8.8 | F2 | 5 | .. | 20144b |
| 10 | 3256 | 37.4 | +16 0 | 5.58 | *6.00* | F5 | 9 | .. | 38473i |
| 11 | 3501 | 37.4 | + 6 47 | 9.1 | *9.5* | F5 | 3 | .. | 16851b |
| 12 | 3502 | 37.4 | + 6 25 | 9.0 | *10.0* | Ko | 2 | .. | 16851b |
| 13 | 4157 | 37.4 | − 3 46 | 9.0 | *9.0* | Ao | 3 | .. | 39468b |
| 14 | 4540 | 37.4 | −10 45 | 8.7 | *9.3* | Go | 5 | .. | 21435b |
| 15 | 4712 | 37.4 | −21 38 | 4.89 | *5.31* | F5 | .. | .. | **56**,94 |
| 16 | 4398 | 37.4 | −22 28 | 9.8 | 10.1 | G5 | 2 | .. | 38104b |
| 17 | *11850* | 37.4 | −46 0 | 6.9 | 7.1 | B9 | 5 | .. | 4941b |
| 18 | 11982 | 37.4 | −48 50 | 10.3 | 9.9 | F5 | 4 | .. | 21873b |
| 19 | 7249 | 37.4 | −58 17 | 9.0 | 9.8 | K5 | 2 | .. | 17453b |
| 20 | 6029 | 37.4 | −61 35 | 8.6 | 9.7 | F8 | 3 | .. | 39370b |
| 21 | 2755 | 37.4 | −69 53 | 7.54 | 7.3 | B9 | 7 | .. | 42525b |
| 22 | 949 | 37.5 | +68 48 | 4.87 | *5.29* | F5 | .. | R | **56**,94 |
| 23 | 3228 | 37.5 | +24 37 | 7.41 | *8.41* | Ko | 2 | .. | 38447i |
| 24 | 3276 | 37.5 | +12 20 | 8.7 | *9.0* | F2 | 2 | .. | 38781i |
| 25 | 3503 | 37.5 | + 6 0 | 9.1 | *9.5* | F5 | 3 | .. | 14148b |
| 26 | 4898 | 37.5 | −17 28 | 9.0 | *9.0* | Ao | 4 | .. | 38062b |
| 27 | 13243 | 37.5 | −32 34 | 9.1 | 8.9 | G5 | 3 | .. | 40731b |
| 28 | 12431 | 37.5 | −42 41 | 6.18 | 6.5 | A2 | 6 | .. | 4941b |
| 29 | 11772 | 37.5 | −47 37 | 9.7 | 9.9 | G5 | 3 | .. | 21873b |
| 30 | 11110 | 37.5 | −51 20 | 11.6 | 9.8 | A5 | 2 | .. | 19961b |
| 31 | 2173 | 37.5 | −71 3 | *7.6* | 7.6 | Ao | 8 | .. | 42525b |
| 32 | 937 | 37.5 | −79 15 | *9.4* | 9.5 | A3 | 4 | .. | 19008b |
| 33 | 933 | 37.6 | +69 38 | 6.48 | *6.98* | F8 | 8 | .. | 38095i |
| 34 | .. | 37.6 | +61 17 | .. | .. | Ma | .. | .. | M |
| 35 | 3188 | 37.6 | +21 34 | 6.74 | *7.16* | F5 | 7 | .. | 38784i |
| 36 | 3451 | 37.6 | + 9 29 | 7.38 | *7.38* | Ao | 6 | .. | 38781i |
| 37 | 3385 | 37.6 | + 2 48 | 9.1 | *9.9* | G5 | 2 | .. | 14180b |
| 38 | 4737 | 37.6 | −14 58 | 8.76 | *9.54* | G5 | 4 | .. | 21435b |
| 39 | 14471 | 37.6 | −31 14 | 8.5 | 9.2 | K2 | 3 | .. | 40731b |
| 40 | 12004 | 37.6 | −34 44 | 7.92 | 8.0 | F5 | 5 | .. | 40731b |
| 41 | 11871 | 37.6 | −35 39 | 9.4 | 8.7 | Ao | 4 | .. | 16748b |
| 42 | 11855 | 37.6 | −45 8 | 7.92 | 8.1 | Ao | 9 | R | 21873b |
| 43 | 11856 | 37.6 | −45 8 | | | | | | |
| 44 | 11810 | 37.6 | −46 16 | 10.3 | 9.9 | Ao | 3 | R | 21873b |
| 45 | 11774 | 37.6 | −47 8 | 9.7 | 9.1 | Ao | 6 | .. | 21873b |
| 46 | 11987 | 37.6 | −48 2 | 11.6 | 10.6 | G5 | 2 | .. | 21873b |
| 47 | 11111 | 37.6 | −51 7 | 9.5 | 9.5 | Ao | 2 | .. | 19961b |
| 48 | 8763 | 37.6 | −53 33 | *9.0* | 10.2 | K5 | 1 | .. | 37621b |
| 49 | 3356 | 37.6 | −67 21 | *8.4* | 8.4 | Ao | 6 | .. | 42525b |
| 50 | 2781 | 37.7 | +43 31 | 6.67 | *7.67* | Ko | 6 | .. | 37844i |
| 51 | 3040 | 37.7 | +35 47 | 8.0 | *9.0* | Ko | 1 | .. | 37871i |
| 52 | 3087 | 37.7 | +29 39 | 8.2 | *9.2* | Ko | 2 | .. | 38447i |
| 53 | 2803 | 37.7 | +28 15 | 8.0 | *9.0* | Ko | 3 | .. | 38447i |
| 54 | 2868 | 37.7 | +27 54 | 9.1 | *9.4* | Fo | 1 | .. | 38447i |
| 55 | 3546 | 37.7 | +20 13 | 8.15 | *8.93* | G5 | 1 | .. | 38784i |
| 56 | 3310 | 37.7 | +17 5 | 8.5 | *8.6* | A5 | 1 | .. | 38473i |
| 57 | 4599 | 37.7 | −16 46 | 8.6 | *8.6* | B9 | 5 | .. | 38062b |
| 58 | 13911 | 37.7 | −29 28 | 9.7 | 9.1 | B9 | 4 | .. | 22826b |
| 59 | 11792 | 37.7 | −39 48 | 8.0 | 8.7 | Fo | 4 | .. | 40426b |
| 60 | 12435 | 37.7 | −42 29 | 8.6 | 8.5 | B8 | 5 | .. | 19911b |
| 61 | 11859 | 37.7 | −45 10 | 9.5 | 9.1 | A2 | 6 | .. | 21873b |
| 62 | 11990 | 37.7 | −48 45 | 10.3 | 10.3 | A2 | 3 | .. | 21873b |
| 63 | 3358 | 37.7 | −67 39 | *8.2* | 8.5 | Fo | 6 | .. | 42525b |
| 64 | 850 | 37.8 | +71 57 | 8.6 | *9.8* | K5 | 1 | .. | 38095i |
| 65 | 3160 | 37.8 | +23 48 | 7.8 | *7.8* | B8 | 8 | .. | 38784i |
| 66 | 3312 | 37.8 | +17 16 | 7.10 | *7.10* | Ao | 5 | .. | 38473i |
| 67 | 3457 | 37.8 | + 5 22 | 9.1 | *9.4* | Fo | 3 | .. | 14148b |
| 68 | 3485 | 37.8 | + 4 51 | 9.10 | *10.17* | K2 | 1 | .. | 14148b |
| 69 | 3760 | 37.8 | + 0 41 | 9.1 | *10.1* | Ko | 2 | .. | 14148b |
| 70 | 4741 | 37.8 | −14 30 | 10.2 | *10.3* | A2 | 4 | .. | 21435b |
| 71 | 4739 | 37.8 | −14 55 | 9.26 | *10.44* | K5 | 1 | .. | 21435b |
| 72 | 12272 | 37.8 | −26 15 | 7.9 | 8.6 | A5 | 5 | .. | 22826b |
| 73 | 13256 | 37.8 | −32 20 | 9.6 | 9.7 | K2 | 3 | .. | 13823b |
| 74 | 12008 | 37.8 | −34 34 | 8.7 | 8.7 | B5 | 4 | .. | 40731b |
| 75 | 11793 | 37.8 | −39 44 | 8.4 | 8.7 | Ao | 3 | .. | 40426b |
| 76 | 12026 | 37.8 | −44 5 | 7.2 | 8.5 | Ko | 9 | .. | 21873b |
| 77 | 11992 | 37.8 | −48 58 | 10.3 | 9.8 | Ao | 6 | .. | 21873b |
| 78 | 3024 | 37.9 | +34 20 | 7.9 | *8.7* | G5 | 2 | .. | 37871i |
| 79 | 3079 | 37.9 | +31 40 | 8.9 | *9.7* | G5 | 2 | .. | 38447i |
| 80 | 3434 | 37.9 | +13 45 | 7.7 | *8.7* | Ko | 3 | 0,3 | 37827i |
| 81 | 3445 | 37.9 | + 7 14 | 9.3 | *9.4* | A3 | 4 | .. | 16851b |
| 82 | 4436 | 37.9 | − 2 15 | 8.0 | *9.0* | Ko | 6 | 2,4- | 39390b |
| 83 | 4489 | 37.9 | − 8 58 | 8.9 | *9.9* | Ko | 2 | .. | 39416b |
| 84 | 4728 | 37.9 | −13 38 | 9.2 | *10.2* | Ko | 4 | 0,3 | 39380b |
| 85 | 4729 | 37.9 | −13 43 | 10.2 | *10.3* | A2 | 2 | .. | 21435b |
| 86 | 4899 | 37.9 | −17 59 | 10.4 | *10.4* | Ao | 2 | .. | 38062b |
| 87 | *4631* | 37.9 | −19 0 | 9.2 | *10.4* | K5 | 1 | .. | 39404b |
| 88 | 4695 | 37.9 | −19 36 | 9.5 | 10.1 | Ao | 2 | .. | 39404b |
| 89 | 4399 | 37.9 | −22 43 | 9.0 | 9.5 | Ko | 4 | .. | 38104b |
| 90 | 11979 | 37.9 | −41 25 | 8.7 | 8.7 | Ao | 3 | .. | 19911b |
| 91 | 11979 | 37.9 | −43 41 | 9.5 | 9.7 | Ko | 4 | .. | 21873b |
| 92 | 12029 | 37.9 | −44 33 | 11.6 | 10.1 | Ao | 3 | .. | 21873b |
| 93 | 11860 | 37.9 | −45 36 | 7.9 | 7.8 | Bo | 9 | .. | 21873b |
| 94 | 11813 | 37.9 | −46 21 | 9.5 | 9.9 | Ko | 3 | .. | 21873b |
| 95 | 11996 | 37.9 | −48 17 | 11.6 | 10.3 | B5 | 3 | .. | 21873b |
| 96 | 11514 | 37.9 | −50 44 | 7.9 | 8.3 | F8 | 8 | .. | 19961b |
| 97 | 10825 | 37.9 | −52 5 | 9.0 | 9.9 | Ko | 2 | .. | 19961b |
| 98 | 10826 | 37.9 | −52 39 | *8.9* | 9.5 | Go | 3 | .. | 19961b |
| 99 | 472 | 37.9 | −85 4 | *9.0* | 10.0 | Ko | 3 | .. | 43458b |
| 100 | 782 | 38.0 | +73 7 | 8.0 | *8.0* | Ao | 5 | .. | 38095i |



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1922AnHar..97....1C



## 161000 — 17h 38m.0

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 2930 | 38.0 | +37 54 | 7.74 | *8.30* | Go | 3 | .. | 37871i |
| 2 | 3327 | 38.0 | +25 29 | 8.3 | *8.4* | A2 | 2 | .. | 38447i |
| 3 | 4730 | 38.0 | −13 6 | 9.2 | *9.2* | B9 | 7 | .. | 21435b |
| 4 | 11866 | 38.0 | −27 25 | 8.1 | 8.6 | B8 | 4 | .. | 22826b |
| 5 | 12413 | 38.0 | −33 14 | 10.2 | 8.9 | Ao | 3 | .. | 13823b |
| 6 | 12412 | 38.0 | −33 22 | 10.2 | 9.4 | Ao | 2 | .. | 13823b |
| 7 | 12158 | 38.0 | −38 53 | 10.4 | 10.2 | Ao | 1 | .. | 16748b |
| 8 | 11796 | 38.0 | −40 39 | 9.4 | 9.3 | Ao | 2 | .. | 19911b |
| 9 | 11778 | 38.0 | −47 13 | 10.1 | 10.1 | Ko | 1 | .. | 21873b |
| 10 | 11114 | 38.0 | −51 22 | 10.6 | 10.4 | Ao | 2 | .. | 37621b |
| 11 | 11115 | 38.0 | −51 58 | 9.7 | 10.4 | K5 | 1 | .. | 19961b |
| 12 | 7136 | 38.0 | −59 4 | 9.0 | 9.4 | Go | 1 | .. | 17453b |
| 13 | 3136 | 38.0 | −66 10 | *7.5* | 7.5 | B9 | 7 | .. | 42525b |
| 14 | 1687 | 38.1 | +61 23 | 8.4 | *9.5* | K2 | 1 | .. | 38505i |
| 15 | 1745 | 38.1 | +58 52 | 8.6 | *9.7* | K2 | 2 | .. | 38505i |
| 16 | 2882 | 38.1 | +41 42 | 6.97 | *7.03* | A2 | 6 | 0,6 | 37220i |
| 17 | 3041 | 38.1 | +35 25 | 8.32 | *9.50* | K5 | 1 | .. | 38779i |
| 18 | 3081 | 38.1 | +31 41 | 8.9 | *10.0* | K2 | 1 | .. | 38447i |
| 19 | 2870 | 38.1 | +27 40 | 6.52 | *6.60* | A3 | 9 | .. | 38447i |
| 20 | 3404 | 38.1 | +19 39 | 7.7 | *8.7* | Ko | 1 | .. | 38473i |
| 21 | 3261 | 38.1 | +16 55 | 8.0 | *8.1* | A2 | 2 | .. | 38473i |
| 22 | 3487 | 38.1 | + 1 47 | 8.3 | *8.6* | Fo | 4 | .. | 14148b |
| 23 | 4732 | 38.1 | −13 28 | 6.27 | *6.61* | F2 | 7 | .. | 39460b |
| 24 | 4859 | 38.1 | −20 21 | 10.4 | 10.1 | Ao | 1 | .. | 39404b |
| 25 | 4403 | 38.1 | −22 14 | 10.0 | 9.5 | Go | 3 | .. | 38104b |
| 26 | 13266 | 38.1 | −32 16 | 9.4 | 10.2 | Ko | 1 | .. | 13823b |
| 27 | 12032 | 38.1 | −44 21 | 10.6 | 10.1 | G5 | 2 | .. | 21873b |
| 28 | .. | 38.1 | −44 52 | Neb. | Neb. | Pe | .. | R | **76**,23 |
| 29 | 11814 | 38.1 | −46 9 | 10.3 | 10.2 | Ko | 1 | .. | 21873b |
| 30 | 11779 | 38.1 | −47 17 | 9.3 | 9.1 | F2 | 7 | .. | 21873b |
| 31 | 8291 | 38.1 | −55 47 | 8.4 | 7.5 | Ao | 6 | .. | 17453b |
| 32 | 7137 | 38.1 | −59 57 | 6.71 | 7.0 | A5 | .. | 0,9 | **56**,140 |
| 33 | 3042 | 38.2 | +35 8 | 8.17 | *9.24* | K2 | 1 | .. | 37871i |
| 34 | 3476 | 38.2 | + 8 6 | 8.9 | *9.3* | F5 | 6 | .. | 16851b |
| 35 | 4437 | 38.2 | − 2 56 | 9.3 | *9.4* | A5 | 5 | .. | 39390b |
| 36 | 4594 | 38.2 | − 9 17 | 9.5 | *10.3* | G5 | 1 | .. | 39416b |
| 37 | 4902 | 38.2 | −17 29 | 9.8 | *10.6* | G5 | 1 | .. | 38062b |
| 38 | 13528 | 38.2 | −23 38 | 7.10 | 7.6 | Fo | 9 | .. | 38104b |
| 39 | 11842 | 38.2 | −37 10 | 10.0 | 8.9 | A2 | 2 | .. | 16748b |
| 40 | 11841 | 38.2 | −37 28 | 9.4 | 8.9 | A3 | 3 | .. | 40426b |
| 41 | 11988 | 38.2 | −41 6 | 10.0 | 9.3 | Ao | 2 | .. | 19911b |
| 42 | 11982 | 38.2 | −43 8 | 9.7 | 9.4 | A2 | 2 | .. | 19911b |
| 43 | 11983 | 38.2 | −43 34 | 8.9 | 9.4 | K5 | 5 | R | 21873b |
| 44 | 11816 | 38.2 | −46 3 | 11.0 | 10.5 | Pec. | 2 | R | **76**,31 |
| 45 | 11780 | 38.2 | −47 13 | 9.9 | 9.9 | Go | 4 | .. | 21873b |
| 46 | 11516 | 38.2 | −50 16 | 10.3 | 9.9 | Ao | 3 | .. | 19961b |
| 47 | 7253 | 38.2 | −58 9 | 8.0 | 7.4 | A2 | 8 | .. | 17453b |
| 48 | 7139 | 38.2 | −59 7 | 8.8 | 9.2 | Ao | 2 | .. | 17453b |
| 49 | 6933 | 38.2 | −60 13 | 7.26 | 7.6 | Fo | .. | 2,8 | **56**,141 |
| 50 | 4140 | 38.2 | −63 31 | *6.9* | 7.5 | Go | 8 | .. | 20144b |
| 51 | 3487 | 38.2 | −65 32 | *7.1* | 7.1 | Ao | 6 | .. | 42525b |
| 52 | 1212 | 38.3 | +64 54 | 8.05 | *9.05* | Ko | 2 | .. | 38505i |
| 53 | 2007 | 38.3 | +56 56 | 7.46 | *8.53* | K2 | 5 | 2,2 | 38777i |
| 54 | 1972 | 38.3 | +53 23 | 8.3 | *8.7* | F5 | 2 | .. | 38777i |
| 55 | 3508 | 38.3 | + 6 15 | 9.8 | *9.8* | Ao | 2 | .. | 16851b |
| 56 | 4487 | 38.3 | − 7 2 | 6.20 | *6.08* | B5 | 8 | .. | 24207b |
| 57 | 4733 | 38.3 | −13 16 | 10.7 | *10.8* | A2 | 2 | .. | 21435b |
| 58 | 4903 | 38.3 | −17 42 | 7.52 | *7.94* | F5 | 8 | .. | 38062b |
| 59 | 4715 | 38.3 | −21 41 | 9.0 | 9.5 | Ko | 3 | .. | 38104b |
| 60 | 4404 | 38.3 | −22 54 | 10.4 | 10.4 | Ao | 2 | .. | 38104b |
| 61 | 13519 | 38.3 | −28 8 | 8.7 | 8.6 | B8 | 3 | .. | 22826b |
| 62 | 11799 | 38.3 | −40 43 | 9.4 | 8.5 | Ao | 4 | .. | 19911b |
| 63 | *11986* | 38.3 | −44 0 | 9.9 | 9.3 | Ao | 7 | .. | 21873b |
| 64 | 11867 | 38.3 | −45 44 | 10.3 | 10.1 | G | 1 | .. | 21873b |
| 65 | 11818 | 38.3 | −46 53 | 8.0 | 7.8 | Ao | 10 | .. | 21873b |
| 66 | 14781 | 38.3 | −47 46 | 11.6 | 10.4 | Fo | 2 | .. | 21873b |
| 67 | 12004 | 38.3 | −48 45 | 10.6 | 10.8 | Ko | 1 | .. | 21873b |
| 68 | 12000 | 38.3 | −48 54 | 6.77 | 8.0 | K5 | 9 | .. | 21873b |
| 69 | 11119 | 38.3 | −51 52 | 10.6 | 10.1 | B9 | 1 | .. | 19961b |
| 70 | 6934 | 38.3 | −60 27 | 9.0 | 9.1 | A3 | 3 | .. | 20144b |
| 71 | 798 | 38.3 | −81 25 | 7.30 | 7.4 | F2 | 8 | .. | 43458b |
| 72 | 1788 | 38.4 | +57 28 | 8.3 | *8.7* | F5 | 1 | .. | 38505i |
| 73 | 3328 | 38.4 | +25 51 | 7.9 | *9.0* | K2 | 2 | .. | 38447i |
| 74 | 3231 | 38.4 | +24 37 | 5.59 | *6.77* | K5 | 8 | .. | 38447i |
| 75 | 3278 | 38.4 | +12 18 | 9.1 | *9.2* | A2 | 1 | .. | 37871i |
| 76 | 3272 | 38.4 | +10 24 | 8.5 | *8.6* | A2 | 4 | .. | 37871i |
| 77 | 3488 | 38.4 | + 1 7 | 9.24 | *9.24* | Ao | 3 | .. | 14148b |
| 78 | 3383 | 38.4 | − 1 57 | 8.70 | *9.12* | F5 | 3 | .. | 39468b |
| 79 | 4159 | 38.4 | − 3 10 | 8.9 | *9.7* | G5 | 5 | .. | 39390b |
| 80 | 4736 | 38.4 | −13 8 | 10.0 | *11.0* | Ko | 3 | .. | 21435b |
| 81 | 4743 | 38.4 | −14 23 | 9.5 | *10.7* | K5 | 3 | .. | 21435b |
| 82 | 4716 | 38.4 | −21 25 | 9.3 | 9.2 | B8 | 4 | 0,4 | 39280b |
| 83 | 4405 | 38.4 | −22 9 | 6.64 | 7.0 | Fo | 10 | .. | 38104b |
| 84 | 13920 | 38.4 | −29 42 | 9.5 | 9.9 | B9 | 2 | .. | 22826b |
| 85 | 12020 | 38.4 | −34 10 | 9.1 | 8.1 | Ao | 5 | .. | 40731b |
| 86 | 11884 | 38.4 | −35 29 | 7.00 | 7.4 | B9 | 8 | .. | 20081b |
| 87 | 11844 | 38.4 | −37 19 | 8.8 | 8.4 | Fo | 4 | .. | 40426b |
| 88 | 11992 | 38.4 | −41 12 | 10.0 | 8.7 | B9 | 3 | .. | 19911b |
| 89 | 11993 | 38.4 | −41 59 | 9.4 | 9.3 | Ao | 2 | .. | 19911b |
| 90 | 12037 | 38.4 | −44 55 | 11.6 | 10.2 | A | 2 | .. | 21873b |
| 91 | 11783 | 38.4 | −47 20 | 11.0 | 10.1 | K2 | 2 | .. | 21873b |
| 92 | 8772 | 38.4 | −53 45 | *9.6* | 10.2 | Go | 1 | .. | 37621b |
| 93 | *6040* | 38.4 | −62 0 | 8.4 | 8.8 | K2 | 5 | .. | 20144b |
| 94 | 2758 | 38.4 | −69 43 | *8.3* | 8.3 | B9 | 4 | .. | 42525b |
| 95 | 799 | 38.5 | +72 7 | 7.28 | *7.28* | Ao | 7 | .. | 38095i |
| 96 | 3489 | 38.5 | + 4 37 | 2.94 | *3.94* | Ko | .. | R | 1378c |
| 97 | 3480 | 38.5 | + 3 41 | 10.5 | *10.5* | Ao | 3 | .. | 14148b |
| 98 | 4160 | 38.5 | − 3 52 | 7.69 | *8.47* | G5 | 7 | .. | 24207b |
| 99 | 4488 | 38.5 | − 7 59 | 8.6 | *9.4* | G5 | 2 | .. | 24207b |
| 100 | 4603 | 38.5 | −16 50 | 7.34 | *7.84* | F8 | 8 | .. | 38068b |



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1922AnHar..97....1C



## 161100 — 17h 38m.5

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4906 | 38.5 | −17 24 | 7.34 | *8.12* | G5 | 6 | .. | 38062b |
| 2 | 4696 | 38.5 | −19 51 | 10.4 | 10.1 | Ao | 2 | .. | 39404b |
| 3 | 11872 | 38.5 | −27 12 | 7.9 | 8.5 | Bo | 4 | .. | 22826b |
| 4 | 11995 | 38.5 | −41 51 | 8.7 | 9.3 | Ko | 1 | .. | 19911b |
| 5 | 12040 | 38.5 | −44 58 | 11.6 | 10.1 | A2 | 3 | .. | 21873b |
| 6 | 11872 | 38.5 | −45 12 | 10.3 | 10.2 | Go | 2 | .. | 21873b |
| 7 | 11871 | 38.5 | −45 44 | 10.3 | 10.1 | F8 | 2 | .. | 21873b |
| 8 | 11786 | 38.5 | −47 11 | 11.0 | 9.6 | A3 | 5 | .. | 21873b |
| 9 | 11787 | 38.5 | −47 37 | 11.0 | 10.2 | Ko | 1 | .. | 21873b |
| 10 | 8295 | 38.5 | −55 59 | *8.7* | 9.3 | Go | 1 | .. | 17453b |
| 11 | 1657 | 38.5 | −74 15 | *9.2* | 9.5 | Fo | 3 | .. | 21336b |
| 12 | 3066 | 38.6 | +26 36 | 8.0 | *9.0* | Ko | 4 | .. | 38447i |
| 13 | 3318 | 38.6 | +17 44 | 7.9 | *9.3* | Ma | .. | .. | M |
| 14 | 4638 | 38.6 | − 6 14 | var. | var. | Bp | 4 | R | 39416b |
| 15 | 4604 | 38.6 | −16 16 | 10.4 | *10.5* | A5 | 2 | .. | 39404b |
| 16 | 4907 | 38.6 | −17 7 | 8.0 | *8.1* | A3 | 7 | .. | 38062b |
| 17 | 12290 | 38.6 | −26 32 | 8.9 | 9.1 | F5 | 3 | .. | 22826b |
| 18 | 13923 | 38.6 | −29 32 | 10.0 | 9.7 | F8 | 1 | .. | 22826b |
| 19 | 12419 | 38.6 | −33 47 | 9.4 | 10.2 | K5 | 1 | .. | 13823b |
| 20 | 11886 | 38.6 | −35 57 | 10.9 | 9.2 | Ao | 2 | .. | 16748b |
| 21 | 11848 | 38.6 | −37 27 | 8.7 | 8.3 | F5 | 4 | .. | 40426b |
| 22 | 11824 | 38.6 | −46 5 | 10.1 | 9.3 | Ao | 6 | .. | 21873b |
| 23 | 11820 | 38.6 | −46 47 | 10.1 | 10.1 | K2 | 3 | .. | 21873b |
| 24 | 11519 | 38.6 | −50 30 | 9.5 | 10.1 | Ko | 1 | .. | 19961b |
| 25 | 10834 | 38.6 | −52 15 | 8.7 | 9.5 | Go | 3 | .. | 19961b |
| 26 | 2102 | 38.6 | −72 7 | *8.4* | 9.5 | K2 | 2 | .. | 21336b |
| 27 | 2103 | 38.6 | −72 32 | *8.6* | 9.7 | K2 | 1 | .. | 21336b |
| 28 | 720 | 38.7 | +74 4 | 7.62 | *8.04* | F5 | 3 | .. | 38095i |
| 29 | 2887 | 38.7 | +41 5 | 7.84 | *7.84* | Ao | 3 | .. | 37220i |
| 30 | 3091 | 38.7 | +29 28 | 6.55 | *6.69* | A5 | 8 | .. | 38447i |
| 31 | 4488 | 38.7 | − 5 53 | 7.32 | *8.32* | Ko | 7 | .. | 24207b |
| 32 | 4595 | 38.7 | − 9 47 | 9.2 | *9.3* | A2 | 2 | .. | 39416b |
| 33 | 4821 | 38.7 | −12 10 | 9.5 | *10.9* | Mb | 1 | .. | 39380b |
| 34 | 4720 | 38.7 | −21 59 | 9.0 | 9.0 | G5 | 4 | .. | 38104b |
| 35 | 13533 | 38.7 | −23 17 | 9.5 | 10.1 | Ao | 2 | .. | 38104b |
| 36 | 13446 | 38.7 | −24 38 | 7.9 | 9.1 | Ko | 3 | .. | 22826b |
| 37 | 14654 | 38.7 | −30 9 | 9.04 | 10.0 | Ko | 1 | .. | 22826b |
| 38 | 13278 | 38.7 | −32 28 | 9.4 | 9.7 | G5 | 1 | .. | 13823b |
| 39 | 12423 | 38.7 | −33 16 | 10.2 | 9.4 | Go | 2 | .. | 13823b |
| 40 | 11889 | 38.7 | −35 9 | 8.90 | 8.9 | Ko | 1 | .. | 40731b |
| 41 | 11805 | 38.7 | −40 46 | 10.0 | 9.1 | A2 | 4 | R | 19911b |
| 42 | 12043 | 38.7 | −44 43 | 10.6 | 9.9 | Ao | 3 | .. | 21873b |
| 43 | 11875 | 38.7 | −45 12 | 10.3 | 10.1 | Go | 2 | .. | 21873b |
| 44 | 11826 | 38.7 | −46 37 | 11.6 | 10.1 | Ao | 3 | .. | 21873b |
| 45 | 11878 | 38.7 | −47 7 | 9.5 | 9.4 | Ko | 6 | .. | 21873b |
| 46 | 11696 | 38.7 | −49 34 | 8.0 | 8.0 | Ao | 8 | .. | 19961b |
| 47 | 7145 | 38.7 | −59 39 | 8.5 | 9.4 | A2 | 2 | .. | 17453b |
| 48 | 7143 | 38.7 | −59 47 | 7.3 | 9.4 | K5 | 2 | .. | 17453b |
| 49 | 3321 | 38.8 | +14 20 | 6.21 | *6.63* | F5 | 9 | *3,9* | 37827i |
| 50 | 3388 | 38.8 | + 2 2 | 8.5 | *9.7* | K5 | 2 | .. | 14148b |
| 51 | 3384 | 38.8 | − 1 46 | 7.6 | *7.6* | Ao | 7 | .. | 24207b |
| 52 | 4451 | 38.8 | −11 59 | 9.3 | *9.6* | F2 | 2 | .. | 21435b |
| 53 | *4822* | 38.8 | −13 1 | 8.6 | *8.7* | A2 | 9 | .. | 21435b |
| 54 | 4607 | 38.8 | −16 44 | 9.5 | *10.7* | K5 | 1 | .. | 38062b |
| 55 | 4908 | 38.8 | −17 26 | 10.2 | *10.6* | F5 | 2 | .. | 38062b |
| 56 | 11997 | 38.8 | −43 3 | 9.9 | 9.4 | A2 | 3 | .. | 19911b |
| 57 | 12044 | 38.8 | −44 34 | 9.2 | 9.6 | Ko | 4 | .. | 21873b |
| 58 | 10836 | 38.8 | −52 19 | 8.5 | 8.9 | A3 | 6 | .. | 19961b |
| 59 | 8775 | 38.8 | −53 13 | 9.2 | 9.9 | G5 | 2 | .. | 19961b |
| 60 | 8436 | 38.8 | −56 4 | *9.6* | 9.6 | Ao | 2 | .. | 17453b |
| 61 | 1790 | 38.9 | +57 55 | 8.1 | *9.2* | K2 | 1 | .. | 38505i |
| 62 | 1791 | 38.9 | +57 22 | 6.84 | *7.84* | Ko | 4 | .. | 38505i |
| 63 | 2984 | 38.9 | +38 8 | 7.27 | *7.83* | Go | 4 | .. | 37871i |
| 64 | 3319 | 38.9 | +17 44 | 7.9 | *7.9* | Ao | 3 | 0,3 | 38473i |
| 65 | 3465 | 38.9 | + 5 28 | 8.6 | *8.6* | B8 | 6 | .. | 14148b |
| 66 | 4641 | 38.9 | − 6 30 | 9.8 | *10.3* | F8 | 5 | .. | 38082i |
| 67 | *4823* | 38.9 | −13 1 | 10.7 | *11.2* | F8 | 2 | .. | 21435b |
| 68 | 11879 | 38.9 | −27 25 | 9.2 | 9.1 | Ao | 3 | .. | 22826b |
| 69 | 13534 | 38.9 | −28 10 | 9.7 | 8.9 | A2 | 2 | .. | 22826b |
| 70 | 13929 | 38.9 | −29 49 | 8.7 | 9.1 | Ko | 3 | .. | 22826b |
| 71 | 14501 | 38.9 | −31 4 | 9.2 | 10.0 | Ko | 1 | .. | 13823b |
| 72 | 11860 | 38.9 | −36 40 | 10.0 | 8.9 | Fo | 2 | .. | 16748b |
| 73 | 11851 | 38.9 | −37 33 | 10.9 | 9.0 | Ao | 2 | ... | 16748b |
| 74 | 12001 | 38.9 | −41 14 | 8.0 | 8.7 | F8 | 5 | .. | 19911b |
| 75 | 12014 | 38.9 | −48 53 | 9.3 | 10.3 | K2 | 3 | .. | 21873b |
| 76 | 11523 | 38.9 | −50 49 | 11.6 | 10.7 | Ao | 2 | .. | 37621b |
| 77 | 2421 | 38.9 | −70 40 | *8.4* | 9.2 | G5 | 2 | .. | 42525b |
| 78 | 800 | 39.0 | +72 31 | 5.96 | *6.96* | Ko | .. | 0,10 | 56,94 |
| 79 | 2242 | 39.0 | +51 32 | 8.1 | *9.2* | K2 | 2 | .. | 38778i |
| 80 | 3445 | 39.0 | +18 52 | 8.0 | *9.1* | K2 | 1 | .. | 38784i |
| 81 | 3241 | 39.0 | +11 42 | 8.9 | *9.9* | Ko | 1 | .. | 38781i |
| 82 | 3277 | 39.0 | +10 9 | 8.87 | *10.05* | K5 | 1 | .. | 38781i |
| 83 | 3480 | 39.0 | + 8 39 | 7.9 | *8.9* | Ko | 6 | .. | 16851b |
| 84 | 3466 | 39.0 | + 5 53 | 7.9 | *7.9* | Ao | 6 | .. | 11305b |
| 85 | 3468 | 39.0 | + 5 30 | 8.0 | *9.0* | Ko | 4 | .. | 14148b |
| 86 | 3493 | 39.0 | + 4 23 | 8.0 | *9.2* | K5 | 3 | .. | 14148b |
| 87 | 4407 | 39.0 | −22 51 | 9.2 | 8.7 | B8 | 5 | .. | 38104b |
| 88 | 14505 | 39.0 | −31 1 | 9.0 | 9.7 | Ko | 2 | .. | 13823b |
| 89 | 12049 | 39.0 | −44 5 | 9.7 | 9.6 | F2 | 5 | .. | 21873b |
| 90 | 8302 | 39.0 | −55 24 | *9.6* | 9.7 | A3 | 3 | .. | 37621b |
| 91 | 8728 | 39.0 | −57 22 | 8.0 | 9.0 | K2 | 3 | .. | 17453b |
| 92 | 8730 | 39.0 | −57 25 | 7.5 | 7.8 | Fo | 7 | .. | 17453b |
| 93 | 2243 | 39.1 | +51 52 | 6.12 | *7.12* | Ko | 8 | .. | 38778i |
| 94 | 2580 | 39.1 | +45 34 | 8.7 | *9.3* | Go | 2 | .. | 37220i |
| 95 | 3045 | 39.1 | +30 25 | 8.8 | *8.8* | Ao | 2 | .. | 38447i |
| 96 | 3095 | 39.1 | +29 42 | 7.41 | *8.76* | Mb | 3 | .. | 38447i |
| 97 | 3235 | 39.1 | +24 50 | 7.86 | *8.64* | G5 | 2 | .. | 38447i |
| 98 | 3198 | 39.1 | +21 41 | 7.45 | *8.45* | Ko | 3 | .. | 38784i |
| 99 | 3259 | 39.1 | +15 5 | 8.44 | *9.51* | K2 | 1 | .. | 38473i |
| 100 | 3450 | 39.1 | + 7 53 | 8.9 | *8.9* | Ao | 5 | .. | 16851b |



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1922AnHar..97....1C



## 161200 — 17h 39m.1

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3763 | 39.1 | + 0 25 | 8.13 | *8.47* | F2 | 8 | .. | 14148b |
| 2 | 4643 | 39.1 | − 6 36 | 9.5 | *9.5* | Ao | 5 | .. | 38082i |
| 3 | 4493 | 39.1 | − 7 22 | 8.2 | *9.0* | G5 | 5 | .. | 24207b |
| 4 | 4492 | 39.1 | − 7 50 | 8.8 | *10.2* | Mb | 3 | .. | 38082b |
| 5 | 4545 | 39.1 | −10 17 | 8.18 | *8.46* | Fo | 9 | .. | 21435b |
| 6 | 4910 | 39.1 | −17 12 | 8.8 | *8.9* | A2 | 7 | .. | 38062b |
| 7 | 4909 | 39.1 | −17 34 | 9.8 | *9.8* | Ao | 4 | .. | 38062b |
| 8 | 4634 | 39.1 | −18 37 | var. | var. | Nb | 1 | R | 39404b |
| 9 | 12255 | 39.1 | −25 19 | 9.0 | 8.9 | G5 | 3 | .. | 22826b |
| 10 | *11884* | 39.1 | −28 0 | 8.7 | 8.5 | Ao | 3 | .. | 22826b |
| 11 | 13540 | 39.1 | −28 28 | 9.3 | 8.3 | A2 | 6 | .. | 22826b |
| 12 | 14663 | 39.1 | −30 57 | 8.7 | 9.2 | G5 | 4 | .. | 13823b |
| 13 | 12172 | 39.1 | −38 39 | 10.0 | 10.2 | Ko | 1 | .. | 16748b |
| 14 | 11792 | 39.1 | −47 35 | 9.2 | 9.6 | Ko | 3 | .. | 21873b |
| 15 | 11791 | 39.1 | −47 59 | 9.5 | 8.8 | B9 | 6 | .. | 21873b |
| 16 | 12015 | 39.1 | −48 10 | 8.3 | 8.6 | Ao | 9 | .. | 21873b |
| 17 | 11525 | 39.1 | −50 6 | 10.6 | 9.8 | A3 | 1 | .. | 19961b |
| 18 | 8440 | 39.1 | −56 8 | 8.4 | 7.8 | F2 | 8 | .. | 17453b |
| 19 | 5694 | 39.1 | −62 54 | *8.8* | 9.4 | Go | 1 | .. | 20144b |
| 20 | 3366 | 39.1 | −67 38 | *8.9* | 9.5 | Go | 2 | .. | 42525b |
| 21 | 3456 | 39.2 | + 9 26 | 8.7 | *9.3* | Go | 5 | .. | 16851b |
| 22 | 3451 | 39.2 | + 7 52 | 8.7 | *9.7* | Ko | 3 | .. | 16851b |
| 23 | 3514 | 39.2 | + 6 6 | 7.9 | *8.0* | A2 | 7 | .. | 11305b |
| 24 | 4439 | 39.2 | − 2 3 | 9.5 | *10.5* | Ko | 2 | .. | 39390b |
| 25 | 4740 | 39.2 | −13 31 | 8.4 | *8.4* | Ao | 9 | .. | 21435b |
| 26 | 4747 | 39.2 | −14 47 | 8.8 | *9.9* | K2 | 4 | .. | 21435b |
| 27 | 4610 | 39.2 | −16 44 | 8.2 | *8.5* | Fo | 6 | .. | 38062b |
| 28 | 4722 | 39.2 | −21 40 | 9.0 | 9.2 | K2 | 4 | .. | 38104b |
| 29 | 11888 | 39.2 | −29 1 | 8.0 | 8.5 | B9 | 5 | .. | 22826b |
| 30 | 13543 | 39.2 | −28 16 | 10.0 | 9.5 | Ao | 2 | .. | 22826b |
| 31 | 13542 | 39.2 | −28 45 | 9.5 | 9.7 | G5 | 2 | .. | 22826b |
| 32 | 12174 | 39.2 | −38 3 | 10.7 | 9.9 | F8 | 2 | .. | 16748b |
| 33 | 12454 | 39.2 | −42 3 | 10.6 | 9.6 | A2 | 1 | .. | 19911b |
| 34 | 10844 | 39.2 | −52 21 | 8.6 | 8.9 | B8 | 6 | .. | 19961b |
| 35 | 8732 | 39.2 | −57 13 | *9.6* | 9.9 | Fo | 1 | .. | 17453b |
| 36 | 7150 | 39.2 | −59 25 | 8.2 | 9.1 | Ao | 3 | .. | 17453b |
| 37 | 1214 | 39.3 | +64 37 | 8.50 | *9.28* | G5 | 2 | .. | 38505i |
| 38 | 2449 | 39.3 | +50 33 | 7.87 | *8.87* | Ko | 4 | .. | 38778i |
| 39 | 3237 | 39.3 | +24 22 | 5.72 | *6.28* | Go | 8 | 5,9 | 38784i |
| 40 | 3242 | 39.3 | +11 38 | 8.7 | *9.9* | K5 | 1 | .. | 38781i |
| 41 | 3452 | 39.3 | + 7 20 | 9.3 | *9.4* | A5 | 3 | .. | 16851b |
| 42 | 3469 | 39.3 | + 5 17 | 8.0 | *9.1* | K2 | 5 | .. | 14148b |
| 43 | 3482 | 39.3 | + 3 47 | 9.3 | *9.9* | Go | 2 | .. | 14148b |
| 44 | 4824 | 39.3 | −12 22 | 9.8 | *10.8* | Ko | 1 | .. | 39380b |
| 45 | 4825 | 39.3 | −12 41 | 10.2 | *10.3* | A3 | 3 | .. | 21435b |
| 46 | 4408 | 39.3 | −22 5 | 10.2 | 10.1 | Go | 2 | .. | 39280b |
| 47 | 13545 | 39.3 | −28 22 | 8.1 | 8.5 | F5 | 7 | .. | 22826b |
| 48 | 12437 | 39.3 | −33 10 | 9.6 | 9.7 | B9 | 2 | .. | 13823b |
| 49 | 11867 | 39.3 | −36 37 | 8.2 | 8.0 | B8 | 6 | 0,4 | 16748b |
| 50 | 11857 | 39.3 | −37 48 | 10.0 | 9.8 | Ao | 5 | .. | 16748b |
| 51 | 12175 | 39.3 | −38 18 | 10.4 | 10.2 | Ao | 2 | .. | 16748b |
| 52 | 11815 | 39.3 | −40 41 | 8.4 | 8.8 | G5 | 4 | .. | 19911b |
| 53 | 11831 | 39.3 | −46 14 | 10.6 | 10.4 | Ko | 3 | .. | 21873b |
| 54 | 11793 | 39.3 | −47 58 | 8.9 | 9.3 | Ko | 4 | .. | 21873b |
| 55 | 8304 | 39.3 | −55 45 | 9.2 | 9.3 | G5 | 2 | .. | 17453b |
| 56 | 6939 | 39.3 | −60 37 | 9.0 | 8.8 | G5 | 4 | .. | 17453b |
| 57 | 5697 | 39.3 | −62 7 | *8.7* | 8.8 | A3 | 6 | .. | 20144b |
| 58 | 3199 | 39.4 | +22 40 | 8.2 | *8.6* | F5 | 2 | .. | 38784i |
| 59 | 3280 | 39.4 | +10 51 | 8.7 | *8.7* | Ao | 3 | .. | 38781i |
| 60 | 3279 | 39.4 | +10 42 | 9.1 | *9.2* | A2 | 2 | .. | 38781i |
| 61 | 3471 | 39.4 | + 5 46 | 8.1 | *8.1* | B9 | 4 | .. | 11305b |
| 62 | 3483 | 39.4 | + 3 1 | 8.6 | *9.6* | Ko | 4 | .. | 14148b |
| 63 | 4748 | 39.4 | −14 51 | 9.3 | *10.5* | K5 | 2 | .. | 21435b |
| 64 | 13537 | 39.4 | −23 41 | 9.7 | 10.4 | Ko | 2 | .. | 38104b |
| 65 | 11859 | 39.4 | −37 16 | 10.0 | 9.0 | Go | 1 | .. | 20081b |
| 66 | 11527 | 39.4 | −50 54 | 9.9 | 9.9 | A3 | 3 | .. | 37621b |
| 67 | 8442 | 39.4 | −56 33 | *8.9* | 9.0 | A2 | 5 | .. | 17453b |
| 68 | 2877 | 39.5 | +27 5 | 8.0 | *9.1* | K2 | 5 | .. | 38447i |
| 69 | 3495 | 39.5 | + 4 33 | 9.5 | *10.3* | G5 | 1 | .. | 14148b |
| 70 | 3390 | 39.5 | + 2 37 | 6.25 | *6.25* | Ao | 7 | .. | 38464i |
| 71 | 3386 | 39.5 | − 1 41 | 7.9 | *9.0* | K2 | 4 | 2,2 | 14148b |
| 72 | 4912 | 39.5 | −17 12 | 9.8 | *10.6* | G5 | 2 | .. | 38062b |
| 73 | 12310 | 39.5 | −26 36 | 9.7 | 9.7 | Fo | 1 | .. | 22826b |
| 74 | 13945 | 39.5 | −29 28 | 9.5 | 9.4 | Ao | 2 | .. | 22826b |
| 75 | 13294 | 39.5 | −32 22 | 9.4 | 9.4 | F8 | 2 | .. | 40731b |
| 76 | 11814 | 39.5 | −39 5 | 9.0 | 10.2 | Ko | 2 | .. | 40426b |
| 77 | 11816 | 39.5 | −39 14 | 6.87 | 7.2 | B9 | 8 | .. | 40426b |
| 78 | 11819 | 39.5 | −40 12 | 9.0 | 9.0 | Ao | 3 | .. | 19911b |
| 79 | 12057 | 39.5 | −44 28 | 9.3 | 10.1 | Ko | 3 | .. | 21873b |
| 80 | 12056 | 39.5 | −44 39 | 9.7 | 10.1 | G5 | 2 | .. | 21873b |
| 81 | 11832 | 39.5 | −46 5 | 9.9 | 9.3 | Fo | 7 | .. | 21873b |
| 82 | 8486 | 39.5 | −54 39 | 8.2 | 9.0 | K2 | 3 | .. | 19961b |
| 83 | 4141 | 39.5 | −63 47 | *8.9* | 9.0 | A5 | 2 | .. | 20144b |
| 84 | 1203 | 39.6 | +65 3 | 8.40 | *9.40* | Ko | 1 | 0,1 | 38505i |
| 85 | 1371 | 39.6 | +63 44 | 6.83 | *7.25* | F5 | 8 | .. | 38505i |
| 86 | 2680 | 39.6 | +49 3 | 8.4 | *9.4* | Ko | 2 | .. | 38778i |
| 87 | 2934 | 39.6 | +37 37 | 7.70 | *8.04* | F2 | 3 | .. | 37871i |
| 88 | 2942 | 39.6 | +33 2 | 7.54 | *7.60* | A2 | 6 | 0,5 | 37871i |
| 89 | 3391 | 39.6 | + 2 37 | 6.64 | *6.64* | Ao | 6 | .. | 38464i |
| 90 | *4827* | 39.6 | −13 1 | 9.8 | *10.8* | Ko | 2 | .. | 21435b |
| 91 | 11899 | 39.6 | −27 11 | 8.5 | 9.1 | B | 1 | R | 13838b |
| 92 | *12008* | 39.6 | −44 0 | 10.3 | 9.6 | Ao | 4 | 2,2 | 17085b |
| 93 | 11882 | 39.6 | −45 18 | 10.6 | 10.4 | K5 | 1 | .. | 21873b |
| 94 | 11834 | 39.6 | −46 1 | 10.6 | 9.9 | Go | 3 | .. | 21873b |
| 95 | 10851 | 39.6 | −52 15 | *9.2* | 10.3 | K2 | 1 | .. | 19961b |
| 96 | 3367 | 39.6 | −67 27 | *9.3* | 10.1 | G5 | 1 | .. | 42525b |
| 97 | 1659 | 39.6 | −74 59 | 8.13 | 8.8 | Go | 7 | .. | 21336b |
| 98 | 938 | 39.7 | +69 15 | 9.0 | *9.0* | Ao | 2 | .. | 38095i |
| 99 | 3031 | 39.7 | +34 0 | 7.9 | *8.3* | F5 | 4 | .. | 37871i |
| 100 | 3457 | 39.7 | + 9 0 | 9.8 | *10.2* | F5 | 1 | .. | 16851b |



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## 161300 — 17h 39m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3481 | 39.7 | + 8 16 | 9.1 | *9.5* | F5 | 6 | .. | 16851b |
| 2 | 3455 | 39.7 | + 7 9 | 9.1 | *9.7* | Go | 5 | .. | 16851b |
| 3 | 3392 | 39.7 | + 2 30 | 7.7 | *8.0* | F2 | 6 | .. | 14148b |
| 4 | 3352 | 39.7 | − 0 5 | 8.53 | *8.53* | Ao | 7 | .. | 14148b |
| 5 | 4441 | 39.7 | − 2 55 | 9.3 | *9.3* | Ao | 2 | .. | 24207b |
| 6 | 4598 | 39.7 | − 9 46 | 8.31 | *8.07* | B | 4 | .. | 39416b |
| 7 | 4754 | 39.7 | −14 25 | 8.4 | *9.2* | G5 | 7 | .. | 21435b |
| 8 | 13557 | 39.7 | −28 3 | 9.5 | 9.4 | Ao | 2 | .. | 22826b |
| 9 | 13555 | 39.7 | −28 37 | 9.7 | 9.7 | Ko | 2 | .. | 22826b |
| 10 | 11820 | 39.7 | −40 33 | 8.4 | 8.1 | Ao | 6 | .. | 19911b |
| 11 | 12463 | 39.7 | −42 56 | 9.1 | 8.8 | Ao | 4 | .. | 19911b |
| 12 | 12014 | 39.7 | −43 27 | 8.4 | 7.5 | B8 | 7 | .. | 19911b |
| 13 | 11708 | 39.7 | −49 5 | 10.3 | 9.8 | Ao | 4 | .. | 21873b |
| 14 | 8444 | 39.7 | −56 51 | *9.2* | 9.3 | A3 | 3 | .. | 17453b |
| 15 | 6942 | 39.7 | −60 39 | 9.2 | 9.7 | G5 | 2 | .. | 17453b |
| 16 | 3137 | 39.7 | −66 46 | *8.8* | 8.8 | Ao | 5 | .. | 42525b |
| 17 | 2106 | 39.7 | −72 38 | *8.7* | 9.7 | Ko | 1 | .. | 21336b |
| 18 | 1974 | 39.8 | +53 30 | 8.8 | *8.9* | A2 | 2 | .. | 38777i |
| 19 | 2557 | 39.8 | +48 31 | 8.6 | *9.6* | Ko | 1 | .. | 38778i |
| 20 | 2794 | 39.8 | +43 13 | 8.2 | *8.5* | Fo | 3 | .. | 37844i |
| 21 | 3329 | 39.8 | +14 27 | 6.13 | *6.21* | A3p | 10 | 3,R | 37827i |
| 22 | 3444 | 39.8 | +13 51 | 6.78 | *6.86* | A3 | 7 | 2,8 | 37827i |
| 23 | 3482 | 39.8 | + 8 37 | 9.1 | *9.5* | F5 | 4 | .. | 16851b |
| 24 | 3496 | 39.8 | + 4 14 | 9.3 | *10.5* | K5 | 1 | .. | 14148b |
| 25 | 4755 | 39.8 | −14 7 | 10.2 | *10.2* | B9 | 3 | .. | 39380b |
| 26 | 4865 | 39.8 | −20 10 | 8.88 | 9.6 | K5 | 3 | 0,2 | 39404b |
| 27 | 12317 | 39.8 | −26 56 | 7.39 | 8.3 | B9 | 6 | .. | 22826b |
| 28 | 13299 | 39.8 | −32 41 | 10.0 | 9.7 | A2 | 3 | .. | 13823b |
| 29 | 12443 | 39.8 | −33 44 | 10.2 | 9.4 | F8 | 2 | .. | 13823b |
| 30 | 12050 | 39.8 | −34 51 | 7.48 | 7.4 | B8 | 7 | .. | 40731b |
| 31 | 11872 | 39.8 | −36 54 | 10.2 | 9.0 | Ao | 2 | .. | 16748b |
| 32 | 12464 | 39.8 | −42 28 | 9.1 | 8.7 | Ao | 4 | .. | 19911b |
| 33 | 12017 | 39.8 | −43 7 | 9.0 | 9.9 | K5 | 1 | .. | 19911b |
| 34 | 11883 | 39.8 | −45 57 | 9.5 | 9.7 | F8 | 5 | .. | 21873b |
| 35 | 11802 | 39.8 | −47 16 | 9.5 | 9.7 | Ko | 4 | .. | 21873b |
| 36 | 12025 | 39.8 | −48 52 | 11.0 | 10.6 | F8 | 2 | .. | 21873b |
| 37 | 8491 | 39.8 | −54 40 | 8.9 | 8.5 | B8 | 6 | .. | 19961b |
| 38 | 3460 | 39.9 | + 9 34 | 8.6 | *9.6* | Ko | 3 | .. | 16851b |
| 39 | 4756 | 39.9 | −14 30 | 9.8 | *10.6* | G5 | 2 | .. | 21435b |
| 40 | 4637 | 39.9 | −18 30 | 9.2 | *9.3* | A2 | 3 | .. | 38062b |
| 41 | 4726 | 39.9 | −21 2 | 9.3 | 9.8 | Go | 2 | .. | 39280b |
| 42 | 4411 | 39.9 | −22 35 | 9.0 | 8.4 | B9 | 5 | .. | 38104b |
| 43 | 13463 | 39.9 | −24 50 | 9.5 | 9.9 | Ko | 2 | .. | 38104b |
| 44 | 12269 | 39.9 | −25 13 | 10.9 | 9.9 | F8 | 3 | .. | 38104b |
| 45 | 11826 | 39.9 | −40 21 | 7.4 | 7.6 | Fo | 7 | .. | 19911b |
| 46 | 12019 | 39.9 | −41 15 | 7.6 | 9.0 | K5 | 3 | .. | 19911b |
| 47 | 11804 | 39.9 | −47 40 | 10.6 | 9.7 | Ao | 4 | .. | 21873b |
| 48 | 12027 | 39.9 | −48 43 | 10.1 | 9.2 | Ao | 7 | .. | 21873b |
| 49 | 11713 | 39.9 | −49 22 | 8.3 | 8.6 | B9 | 6 | .. | 19961b |
| 50 | 8493 | 39.9 | −54 25 | 8.5 | 8.7 | A2 | 7 | .. | 19961b |
| 51 | 2955 | 39.9 | −68 4 | *8.4* | 8.9 | F8 | 3 | .. | 42525b |
| 52 | 717 | 39.9 | −82 43 | *7.9* | 9.0 | K2 | 2 | .. | 14161b |
| 53 | 2089 | 40.0 | +52 6 | 8.1 | *9.1* | Ko | 3 | .. | 38778i |
| 54 | 3035 | 40.0 | +34 49 | 7.87 | *8.65* | G5 | 3 | .. | 37871i |
| 55 | 4443 | 40.0 | − 2 42 | 7.30 | *7.30* | Ao | 8 | .. | 24207b |
| 56 | 4495 | 40.0 | − 7 11 | 9.8 | *9.8* | Ao | 4 | .. | 38082b |
| 57 | 4828 | 40.0 | −12 7 | 10.2 | *10.2* | Ao | 2 | .. | 39380b |
| 58 | 13465 | 40.0 | −24 42 | 10.7 | 9.5 | B8 | 3 | .. | 38104b |
| 59 | 12052 | 40.0 | −34 19 | 9.0 | 8.6 | Ao | 5 | .. | 40731b |
| 60 | 12051 | 40.0 | −34 33 | 8.5 | 8.0 | Ao | 7 | .. | 40731b |
| 61 | 11867 | 40.0 | −37 4 | 10.0 | 8.9 | Ao | 2 | .. | 16748b |
| 62 | 11534 | 40.0 | −50 27 | 10.1 | 10.6 | K2 | 1 | .. | 37621b |
| 63 | 11533 | 40.0 | −50 38 | 10.1 | 10.1 | Ko | 2 | .. | 37621b |
| 64 | 8783 | 40.0 | −53 10 | *10.2* | 10.2 | Ao | 2 | .. | 37621b |
| 65 | 8310 | 40.0 | −55 45 | 8.5 | 8.7 | F5 | 5 | .. | 17453b |
| 66 | 8446 | 40.0 | −56 45 | *9.2* | 9.3 | A2 | 3 | .. | 17453b |
| 67 | 2956 | 40.0 | −68 10 | *8.9* | 8.9 | Ao | 4 | .. | 42525b |
| 68 | 2010 | 40.1 | +56 7 | 7.9 | *8.9* | Ko | 2 | .. | 38015i |
| 69 | 2757 | 40.1 | +44 8 | 6.57 | *7.64* | K2 | 5 | .. | 37844i |
| 70 | 3473 | 40.1 | + 5 34 | 9.1 | *9.1* | Ao | 3 | .. | 14148b |
| 71 | 4456 | 40.1 | −11 32 | 8.8 | *10.0* | K5 | 1 | .. | 21435b |
| 72 | 4741 | 40.1 | −13 59 | 8.2 | *9.6* | Mb | 4 | .. | 21435b |
| 73 | 4669 | 40.1 | −15 33 | 10.0 | *10.0* | Ao | 2 | .. | 39404b |
| 74 | 4914 | 40.1 | −17 36 | 9.5 | *10.1* | Go | 3 | .. | 38062b |
| 75 | 4412 | 40.1 | −22 39 | 9.8 | 9.5 | A | 3 | R | 39280b |
| 76 | 13308 | 40.1 | −32 51 | 8.7 | 8.8 | Ao | 4 | .. | 40731b |
| 77 | 11879 | 40.1 | −36 31 | 8.1 | 7.5 | Ao | 7 | 0,5 | 16748b |
| 78 | 11828 | 40.1 | −40 50 | 8.0 | 7.6 | B9 | 7 | .. | 19911b |
| 79 | 12029 | 40.1 | −48 49 | 10.1 | 10.3 | Ko | 3 | .. | 21873b |
| 80 | 11142 | 40.1 | −51 39 | 10.3 | 9.8 | F8 | 2 | .. | 37621b |
| 81 | 7153 | 40.1 | −59 21 | 8.4 | 8.0 | B9 | 7 | .. | 17453b |
| 82 | 2108 | 40.1 | −72 45 | *9.1* | 9.4 | Fo | 2 | .. | 21336b |
| 83 | 1223 | 40.1 | −76 49 | *9.3* | 9.9 | Go | 1 | .. | 19008b |
| 84 | 3416 | 40.2 | +19 3 | 8.04 | *8.02* | B9 | 2 | .. | 38784i |
| 85 | 4727 | 40.2 | −21 33 | 8.8 | 8.9 | Go | 5 | .. | 39280b |
| 86 | 4413 | 40.2 | −22 46 | 10.7 | 9.8 | Go | 2 | .. | 39280b |
| 87 | 12327 | 40.2 | −26 10 | 8.1 | 9.9 | K2 | 1 | .. | 22826b |
| 88 | 13960 | 40.2 | −29 38 | 8.0 | 9.2 | K5 | 2 | .. | 22826b |
| 89 | 13311 | 40.2 | −32 25 | 8.15 | 8.5 | Fo | 5 | .. | 40731b |
| 90 | 12189 | 40.2 | −38 5 | 6.24 | 6.7 | B9 | .. | .. | 56,141 |
| 91 | 11831 | 40.2 | −40 52 | 9.0 | 8.5 | B8 | 3 | .. | 19911b |
| 92 | 12025 | 40.2 | −41 12 | 10.4 | 9.1 | A2 | 2 | R | 19911b |
| 93 | *12026* | 40.2 | −42 0 | 8.7 | 8.4 | Ao | 6 | .. | 19911b |
| 94 | 11887 | 40.2 | −45 28 | 7.5 | 7.4 | A2 | 10 | .. | 21873b |
| 95 | 11885 | 40.2 | −45 52 | 10.6 | 10.1 | Ao | 2 | .. | 21873b |
| 96 | 11842 | 40.2 | −46 17 | 11.6 | 10.2 | Ao | 1 | .. | 21873b |
| 97 | 11143 | 40.2 | −51 44 | 9.9 | 9.8 | F2 | 2 | .. | 37621b |
| 98 | 6943 | 40.2 | −60 30 | 8.9 | 9.7 | K5 | 2 | .. | 17453b |
| 99 | 1693 | 40.3 | +61 39 | 8.8 | *10.0* | K5 | 1 | .. | 38505i |
| 100 | 1775 | 40.3 | +60 24 | 8.8 | *9.8* | Ko | 1 | .. | 38505i |



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| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 2248 | 40.3 | +51 40 | 8.7 | *9.1* | F5 | 2 | .. | 38778i |
| 2 | 3050 | 40.3 | +35 52 | 8.7 | *8.8* | A2 | 1 | .. | 38779i |
| 3 | 4346 | 40.3 | − 4 21 | 8.9 | *8.9* | B9 | 2 | .. | 24207b |
| 4 | 4546 | 40.3 | −10 18 | 7.76 | *7.82* | A2 | 5 | 0,9- | 39460b |
| 5 | 13467 | 40.3 | −24 6 | 8.0 | 9.4 | Ko | 4 | .. | 38104b |
| 6 | 11914 | 40.3 | −27 24 | 8.1 | 9.9 | K5 | 1 | .. | 22826b |
| 7 | 11915 | 40.3 | −27 34 | 9.0 | 9.9 | K5 | 1 | .. | 22826b |
| 8 | 13961 | 40.3 | −29 21 | 7.9 | 9.2 | K5 | 2 | .. | 22826b |
| 9 | 12454 | 40.3 | −33 47 | 10.0 | 8.9 | Ao | 3 | .. | 40731b |
| 10 | 11916 | 40.3 | −35 42 | 10.9 | 9.5 | Ma | .. | .. | M |
| 11 | 11830 | 40.3 | −39 23 | 8.4 | 8.4 | Ao | 5 | .. | 20081b |
| 12 | 12027 | 40.3 | −41 50 | 10.4 | 9.6 | A2 | 2 | .. | 19911b |
| 13 | 12023 | 40.3 | −43 23 | 10.1 | 9.7 | G5 | 1 | .. | 19911b |
| 14 | 12068 | 40.3 | −44 41 | 11.0 | 10.8 | Mb | .. | .. | M |
| 15 | 12034 | 40.3 | −48 21 | 10.6 | 10.3 | G5 | 3 | .. | 21873b |
| 16 | .. | 40.3 | −52 37 | var. | var. | Md | 1 | R | 37621b |
| 17 | 8785 | 40.3 | −53 19 | 9.2 | 9.3 | Fo | 3 | .. | 37621b |
| 18 | 8496 | 40.3 | −54 33 | 8.7 | 9.0 | Ao | 5 | .. | 19961b |
| 19 | 8311 | 40.3 | −55 19 | 8.2 | 8.7 | K2 | 4 | .. | 17453b |
| 20 | 8312 | 40.3 | −55 22 | 6.28 | 6.9 | Fo | 10 | .. | 17453b |
| 21 | 8447 | 40.3 | −56 51 | *9.1* | 10.2 | K2 | 1 | .. | 17453b |
| 22 | 3372 | 40.3 | −67 6 | *9.2* | 9.3 | A2 | 3 | .. | 42525b |
| 23 | 2182 | 40.3 | −71 39 | *9.1* | 9.2 | A2 | 3 | .. | 21336b |
| 24 | 3445 | 40.4 | +13 4 | 7.8 | *8.6* | G5 | 4 | 0,3 | 38781i |
| 25 | 3519 | 40.4 | + 6 57 | 8.7 | *9.8* | K2 | 3 | .. | 16851b |
| 26 | 3476 | 40.4 | + 5 43 | 9.1 | *9.1* | Ao | 4 | .. | 14148b |
| 27 | 3766 | 40.4 | + 0 7 | 8.93 | *9.93* | Ko | 3 | .. | 14148b |
| 28 | 4168 | 40.4 | − 3 27 | 7.7 | *7.7* | Ao | 7 | .. | 24207b |
| 29 | 4744 | 40.4 | −13 4 | 10.2 | *10.2* | Ao | 3 | .. | 21435b |
| 30 | 4671 | 40.4 | −15 44 | 9.8 | *9.8* | A | 1 | .. | 39404b |
| 31 | 4613 | 40.4 | −16 33 | 8.2 | *9.0* | G5 | 4 | .. | 38062b |
| 32 | 4730 | 40.4 | −21 13 | 8.8 | 8.7 | B9 | 5 | .. | 39280b |
| 33 | 13963 | 40.4 | −29 25 | 8.1 | 9.1 | K5 | 2 | .. | 22826b |
| 34 | 13318 | 40.4 | −32 23 | 8.0 | 8.2 | B9 | 6 | .. | 40731b |
| 35 | 11882 | 40.4 | −36 57 | 8.2 | 8.3 | Ko | 6 | 0,4 | 16748b |
| 36 | *12030* | 40.4 | −42 0 | 9.4 | 9.3 | Go | 1 | .. | 19911b |
| 37 | 11719 | 40.4 | −49 36 | 10.1 | 11.0 | Mb | .. | .. | M |
| 38 | 11537 | 40.4 | −50 23 | 9.5 | 9.8 | F5 | 4 | .. | 37621b |
| 39 | 11144 | 40.4 | −51 25 | 7.9 | 8.9 | F5 | 5 | .. | 37621b |
| 40 | 8743 | 40.4 | −57 42 | 8.4 | 9.9 | K5 | 1 | .. | 17453b |
| 41 | 3670 | 40.4 | −64 16 | 6.62 | 7.0 | Fo | 10 | .. | 20144b |
| 42 | 2765 | 40.4 | −69 53 | 8.34 | 9.2 | G5 | 2 | .. | 42525b |
| 43 | 2890 | 40.5 | +41 40 | 8.40 | *8.68* | Fo | 2 | .. | 37220i |
| 44 | 3036 | 40.5 | +34 43 | 8.6 | *9.1* | F8 | 2 | .. | 37871i |
| 45 | 3477 | 40.5 | + 5 37 | 10.5 | *10.5* | Ao | 1 | .. | 14148b |
| 46 | 3498 | 40.5 | + 4 29 | 8.9 | *9.7* | G5 | 4 | .. | 14148b |
| 47 | 3485 | 40.5 | + 3 32 | 9.1 | *9.1* | Ao | 3 | .. | 14148b |
| 48 | 3493 | 40.5 | + 1 23 | 9.8 | *9.8* | Ao | 1 | .. | 14148b |
| 49 | 3355 | 40.5 | − 0 50 | 9.5 | *9.5* | Ao | 2 | .. | 14148b |
| 50 | 4831 | 40.5 | −12 29 | 9.8 | *11.0* | K5 | 2 | .. | 39380b |
| 51 | 4917 | 40.5 | −17 39 | 10.4 | *10.4* | Ao | 3 | .. | 38062b |
| 52 | 12279 | 40.5 | −25 43 | 8.3 | 8.8 | Ao | 4 | .. | 22826b |
| 53 | 12028 | 40.5 | −43 28 | 10.1 | 10.1 | A2 | 2 | .. | 17085b |
| 54 | 12029 | 40.5 | −43 45 | 9.5 | 10.2 | K2 | 1 | .. | 17085b |
| 55 | 12070 | 40.5 | −44 31 | 8.6 | 9.3 | Ko | 7 | .. | 21873b |
| 56 | 11893 | 40.5 | −45 18 | 9.2 | 9.6 | G5 | 4 | .. | 21873b |
| 57 | 11812 | 40.5 | −47 59 | 10.3 | 9.7 | Fo | 4 | .. | 21873b |
| 58 | 11539 | 40.5 | −50 4 | 10.1 | 10.1 | Ao | 3 | .. | 37621b |
| 59 | 11145 | 40.5 | −51 53 | 11.0 | 10.4 | A2 | 1 | .. | 37621b |
| 60 | 8787 | 40.5 | −53 5 | *8.8* | 9.6 | G5 | 3 | .. | 19961b |
| 61 | 3490 | 40.5 | −65 19 | *9.1* | 9.9 | G5 | 2 | .. | 42525b |
| 62 | 1276 | 40.5 | −77 32 | *8.0* | 8.8 | G5 | 4 | .. | 42633b |
| 63 | 387 | 40.6 | +84 0 | 8.9 | *9.9* | Ko | 2 | .. | 37820i |
| 64 | 2944 | 40.6 | +33 17 | 7.04 | *6.99* | B8 | 7 | 1,9 | 38447i |
| 65 | 3522 | 40.6 | + 6 46 | 8.7 | *9.3* | Go | 6 | .. | 16851b |
| 66 | 13548 | 40.6 | −23 39 | 8.0 | 8.0 | A5 | 7 | .. | 38104b |
| 67 | 12332 | 40.6 | −26 13 | 10.9 | 9.9 | Ko | 1 | .. | 22826b |
| 68 | 12334 | 40.6 | −26 27 | 9.5 | 9.5 | B5 | 2 | .. | 22826b |
| 69 | 12062 | 40.6 | −34 49 | 7.80 | 8.6 | K2 | 4 | .. | 40731b |
| 70 | 11920 | 40.6 | −35 17 | 10.4 | 8.9 | B8 | 3 | .. | 20081b |
| 71 | 11838 | 40.6 | −40 5 | 3.14 | *3.56* | F5p | .. | R | **28,212** |
| 72 | 11892 | 40.6 | −45 55 | 10.3 | 10.5 | K2 | 1 | .. | 21873b |
| 73 | 12038 | 40.6 | −48 45 | 11.0 | 10.4 | Ao | 3 | .. | 21873b |
| 74 | 11540 | 40.6 | −50 42 | 10.3 | 9.9 | A3 | 3 | .. | 37621b |
| 75 | 6051 | 40.6 | −61 41 | 6.62 | 6.6 | B9 | 4 | .. | 8425b |
| 76 | 1398 | 40.6 | −75 12 | *8.0* | 8.6 | Go | 7 | .. | 21336b |
| 77 | 949 | 40.7 | +70 41 | 8.8 | *10.0* | K5 | 1 | .. | 38095i |
| 78 | 3085 | 40.7 | +31 44 | 8.2 | *8.7* | F8 | 2 | .. | 38447i |
| 79 | 3418 | 40.7 | +19 20 | 7.9 | *8.9* | Ko | 1 | .. | 38784i |
| 80 | 3478 | 40.7 | + 5 46 | 7.7 | *7.7* | B8 | 6 | .. | 11305b |
| 81 | 3479 | 40.7 | + 5 29 | 8.9 | *8.9* | Ao | 6 | .. | 14148b |
| 82 | 3480 | 40.7 | + 5 15 | 9.8 | *9.9* | A2 | 3 | .. | 14148b |
| 83 | 4745 | 40.7 | −13 16 | 8.11 | *8.11* | Ao | 5 | R | 39460b |
| 84 | | 40.7 | −13 16 | 8.15 | *8.15* | Ao | | | |
| 85 | 4760 | 40.7 | −14 2 | 8.8 | *10.0* | K5 | 3 | .. | 21435b |
| 86 | 4733 | 40.7 | −21 6 | 8.8 | 9.8 | Ko | 2 | .. | 39280b |
| 87 | 4731 | 40.7 | −21 28 | 9.0 | 9.5 | F8 | 4 | .. | 39280b |
| 88 | 4415 | 40.7 | −22 10 | 9.5 | 9.2 | Ao | 4 | .. | 39280b |
| 89 | 13969 | 40.7 | −29 13 | 9.3 | 9.4 | F8 | 2 | .. | 13823b |
| 90 | 12063 | 40.7 | −34 42 | 8.8 | 8.9 | K2 | 2 | .. | 40731b |
| 91 | 11922 | 40.7 | −35 56 | 9.4 | 9.3 | Ko | 1 | .. | 20081b |
| 92 | 11876 | 40.7 | −37 49 | 9.6 | 9.0 | Ko | 1 | .. | 20081b |
| 93 | 12033 | 40.7 | −41 20 | 9.4 | 8.8 | Ao | 4 | .. | 19911b |
| 94 | *11894* | 40.7 | −46 0 | 11.0 | 10.2 | Ao | 2 | .. | 21873b |
| 95 | 11815 | 40.7 | −47 28 | 9.9 | 10.2 | Ko | 2 | .. | 21873b |
| 96 | 10861 | 40.7 | −52 45 | *9.8* | 9.8 | Ao | 3 | .. | 37621b |
| 97 | 7266 | 40.7 | −58 3 | 8.6 | 9.7 | F8 | 1 | .. | 17453b |
| 98 | 5704 | 40.7 | −62 39 | *7.5* | 8.5 | Ko | 6 | .. | 20144b |
| 99 | 2186 | 40.7 | −71 9 | *8.9* | 10.0 | K2 | 1 | .. | 21336b |
| 100 | 1206 | 40.8 | +65 16 | 8.4 | *9.4* | K2 | 1 | .. | 38536i |



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## 161500 — $17^h 40^m.8$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 1969 | 40.8 | +55 41 | 8.0 | *9.0* | Ko | 1 | .. | 38015i |
| 2 | 3251 | 40.8 | +11 11 | 7.06 | *7.84* | G5 | 7 | 5,3 | 38781i |
| 3 | 3285 | 40.8 | +10 4 | 9.5 | *9.8* | Fo | 1 | .. | 16851b |
| 4 | 4702 | 40.8 | −19 57 | 9.48 | 10.1 | F5 | 1 | .. | 39404b |
| 5 | 13473 | 40.8 | −24 3 | 9.5 | 9.5 | F5 | 3 | *3,3* | 38104b |
| 6 | 13472 | 40.8 | −24 53 | 9.15 | 9.5 | Ko | 3 | *5,3* | 38104b |
| 7 | 13577 | 40.8 | −28 7 | var. | var. | F5 | 2 | R | 22826b |
| 8 | 14563 | 40.8 | −31 21 | 10.4 | 9.7 | G5 | 2 | .. | 13823b |
| 9 | 13331 | 40.8 | −32 10 | 8.7 | 9.1 | Ao | 4 | .. | 13823b |
| 10 | 12064 | 40.8 | −34 30 | 9.4 | 9.0 | Ko | 1 | .. | 13823b |
| 11 | 11923 | 40.8 | −35 39 | var. | var. | Nb | .. | R | M |
| 12 | 12194 | 40.8 | −38 20 | 9.0 | 9.6 | K5 | 2 | .. | 20081b |
| 13 | 11843 | 40.8 | −40 56 | 10.4 | 9.3 | A | 1 | .. | 19911b |
| 14 | 12036 | 40.8 | −41 6 | 10.0 | 9.6 | A3 | 1 | .. | 19911b |
| 15 | 12030 | 40.8 | −43 25 | 8.1 | 8.8 | G5 | 4 | .. | 19911b |
| 16 | 11816 | 40.8 | −47 13 | 7.4 | 7.5 | Ao | 10 | .. | 21873b |
| 17 | 11149 | 40.8 | −51 47 | 10.6 | 10.1 | Ko | 1 | .. | 37621b |
| 18 | 2881 | 40.9 | +27 29 | 9.1 | *10.1* | Ko | 1 | .. | 38447i |
| 19 | 3462 | 40.9 | + 9 43 | 9.5 | *10.1* | Go | 1 | .. | 16851b |
| 20 | 3460 | 40.9 | + 7 32 | 9.0 | *9.5* | F8 | 4 | .. | 16851b |
| 21 | 4762 | 40.9 | −14 43 | 8.6 | *8.6* | Ao | 7 | .. | 39380b |
| 22 | 4763 | 40.9 | −14 44 | 9.5 | *9.5* | Ao | 4 | .. | 39380b |
| 23 | 4675 | 40.9 | −15 57 | 8.2 | *8.7* | F8 | 5 | .. | 38062b |
| 24 | 4918 | 40.9 | −17 51 | 8.7 | *9.1* | F5 | 5 | .. | 38062b |
| 25 | 12343 | 40.9 | −26 59 | 9.5 | 9.4 | Ao | 2 | .. | 22826b |
| 26 | 13581 | 40.9 | −28 41 | 9.7 | 9.5 | A2 | 3 | .. | 22826b |
| 27 | 12466 | 40.9 | −33 19 | 9.8 | 9.4 | Ao | 3 | .. | 13823b |
| 28 | 12071 | 40.9 | −34 36 | 10.7 | 8.9 | Ao | 2 | .. | 13823b |
| 29 | 11928 | 40.9 | −35 46 | 9.0 | 8.6 | A5 | 2 | .. | 20081b |
| 30 | 11849 | 40.9 | −40 6 | 10.0 | 9.0 | B8 | 2 | .. | 19911b |
| 31 | 11845 | 40.9 | −40 57 | 9.4 | 9.1 | B8 | 4 | .. | 19911b |
| 32 | 12077 | 40.9 | −44 2 | 10.3 | 9.7 | Ao | 1 | .. | 17085b |
| 33 | 12078 | 40.9 | −44 24 | 9.9 | 10.1 | K2 | 2 | .. | 21873b |
| 34 | 11899 | 40.9 | −45 3 | 11.6 | 10.1 | F5 | 2 | .. | 21873b |
| 35 | 11849 | 40.9 | −46 24 | 11.6 | 10.1 | A2 | 3 | .. | 21873b |
| 36 | 12044 | 40.9 | −48 5 | 10.1 | 10.6 | G5 | 2 | .. | 21873b |
| 37 | 12043 | 40.9 | −48 50 | 10.3 | 9.8 | A5 | 4 | .. | 21873b |
| 38 | 939 | 41.0 | +69 11 | 7.08 | *7.42* | F2 | 6 | .. | 38095i |
| 39 | 2798 | 41.0 | +43 11 | 8.9 | *9.5* | Go | 2 | .. | 37220i |
| 40 | 3447 | 41.0 | +13 4 | 7.7 | *8.7* | Ko | 4 | 0,3 | 38781i |
| 41 | 3463 | 41.0 | + 9 44 | 9.0 | *10.0* | Ko | 3 | .. | 16851b |
| 42 | 3481 | 41.0 | + 5 57 | 7.22 | *7.22* | Ao | 7 | .. | 11305b |
| 43 | 3388 | 41.0 | − 1 6 | 8.5 | *8.5* | B8 | 5 | .. | 14148b |
| 44 | 4764 | 41.0 | −14 16 | 10.0 | *10.6* | Go | 2 | .. | 39380b |
| 45 | 13552 | 41.0 | −23 32 | 9.2 | 9.2 | A3 | 4 | *1,4* | 38104b |
| 46 | 11890 | 41.0 | −36 3 | 9.8 | 8.7 | A2 | 2 | .. | 20081b |
| 47 | 12487 | 41.0 | −42 30 | 9.1 | 8.4 | B9 | 5 | .. | 19911b |
| 48 | 11902 | 41.0 | −45 51 | 10.6 | 10.5 | Ko | 1 | .. | 21873b |
| 49 | 3205 | 41.1 | +40 31 | 7.9 | *9.1* | K5 | 1 | .. | 37871i |
| 50 | 3087 | 41.1 | +31 11 | 7.52 | *8.02* | F8 | 5 | .. | 38447i |
| 51 | 3487 | 41.1 | + 8 57 | 8.1 | *8.6* | F8 | 7 | .. | 16851b |
| 52 | 3502 | 41.1 | + 4 43 | 9.0 | *9.4* | F5 | 2 | .. | 14148b |
| 53 | 3498 | 41.1 | + 1 31 | 8.9 | *9.0* | A2 | 3 | .. | 14148b |
| 54 | 3499 | 41.1 | + 1 24 | 9.1 | *9.1* | Ao | 4 | .. | 14148b |
| 55 | 4497 | 41.1 | − 7 56 | 7.32 | *8.10* | G5 | 7 | .. | 24207b |
| 56 | 4766 | 41.1 | −14 31 | 10.7 | *11.1* | F5 | 2 | .. | 39380b |
| 57 | 4869 | 41.1 | −20 13 | 9.8 | 10.4 | A | 2 | .. | 39404b |
| 58 | 4870 | 41.1 | −20 39 | 9.5 | 10.1 | F8 | 2 | 0,2 | 39404b |
| 59 | 13478 | 41.1 | −24 54 | 11.2 | 9.9 | Ao | 2 | 0,2 | 38104b |
| 60 | 14574 | 41.1 | −31 9 | 8.9 | 9.2 | G5 | 4 | .. | 13823b |
| 61 | 11929 | 41.1 | −35 11 | 8.5 | 7.7 | B9 | 7 | .. | 20081b |
| 62 | 11880 | 41.1 | −37 36 | 9.0 | 8.6 | Ao | 3 | .. | 20081b |
| 63 | 12491 | 41.1 | −42 40 | 9.3 | 9.0 | Fo | 3 | .. | 19911b |
| 64 | 12050 | 41.1 | −48 13 | 8.9 | 9.5 | G5 | 7 | .. | 21873b |
| 65 | 8451 | 41.1 | −56 6 | *9.0* | 10.2 | K5 | 1 | .. | 37621b |
| 66 | 6054 | 41.1 | −61 54 | 6.8 | 7.5 | F5 | 8 | .. | 20144b |
| 67 | .. | 41.1 | −62 22 | var. | var. | Md | .. | R | M |
| 68 | 3373 | 41.1 | −67 35 | *7.9* | 9.0 | K2 | 3 | .. | 42525b |
| 69 | 2588 | 41.2 | +45 5 | 6.61 | *6.59* | B9 | 8 | .. | 37844i |
| 70 | 2760 | 41.2 | +44 6 | 8.8 | *9.6* | G5 | 2 | .. | 37220i |
| 71 | 3486 | 41.2 | + 8 4 | 8.9 | *10.1* | K5 | 2 | .. | 16851b |
| 72 | 3482 | 41.2 | + 5 44 | 7.46 | *7.41* | B8 | 4 | .. | 11305b |
| 73 | 3483 | 41.2 | + 5 35 | 6.66 | *6.61* | B8 | 7 | .. | 11305b |
| 74 | 4498 | 41.2 | − 7 59 | 10.0 | *10.6* | Go | 2 | .. | 38082b |
| 75 | 12073 | 41.2 | −34 17 | 6.90 | 7.3 | Ao | 8 | .. | 40731b |
| 76 | 11931 | 41.2 | −35 59 | 10.2 | 8.6 | A2 | 2 | .. | 20081b |
| 77 | 11881 | 41.2 | −37 9 | 10.9 | 9.0 | Go | 1 | .. | 20081b |
| 78 | 12043 | 41.2 | −41 17 | 10.7 | 9.6 | Ao | 2 | .. | 19911b |
| 79 | *12080* | 41.2 | −45 0 | 8.72 | 8.8 | Fo | 7 | .. | 21873b |
| 80 | 8321 | 41.2 | −55 35 | 9.2 | 9.3 | Ko | 2 | .. | 17453b |
| 81 | 1225 | 41.2 | −76 28 | *9.1* | 9.5 | F5 | 2 | .. | 19008b |
| 82 | 1749 | 41.3 | +58 43 | 8.3 | *9.3* | Ko | 2 | .. | 38505i |
| 83 | 3059 | 41.3 | +35 16 | 6.84 | *7.84* | Ko | 7 | .. | 37871i |
| 84 | 3423 | 41.3 | +19 46 | 8.3 | *8.9* | G | 1 | .. | 38784i |
| 85 | 3326 | 41.3 | +17 46 | 7.9 | *8.9* | Ko | 1 | .. | 38473i |
| 86 | 3273 | 41.3 | +16 53 | 8.0 | *9.0* | Ko | 1 | .. | 38473i |
| 87 | 3501 | 41.3 | + 1 6 | 6.86 | *7.93* | K2 | 7 | .. | 14148b |
| 88 | 4171 | 41.3 | − 3 52 | 8.4 | *8.9* | F8 | 2 | .. | 24207b |
| 89 | 4349 | 41.3 | − 4 26 | 9.3 | *9.9* | Go | 3 | .. | 39390b |
| 90 | 4419 | 41.3 | −22 2 | 9.2 | 9.5 | Go | 3 | .. | 39280b |
| 91 | 4420 | 41.3 | −22 11 | 10.4 | 10.1 | A2 | 2 | .. | 39280b |
| 92 | 11930 | 41.3 | −27 48 | var. | var. | F8 | .. | *3,* R | **28,212** |
| 93 | 13589 | 41.3 | −28 31 | 9.5 | 9.4 | Ao | 2 | .. | 22826b |
| 94 | 12075 | 41.3 | −34 59 | 11.1 | 8.9 | Ao | 2 | .. | 20081b |
| 95 | 11883 | 41.3 | −37 24 | 9.4 | 9.0 | A2 | 4 | .. | 20081b |
| 96 | 11856 | 41.3 | −40 55 | 10.7 | 9.6 | Ao | 3 | .. | 19911b |
| 97 | 12081 | 41.3 | −44 18 | 9.2 | 8.8 | A5 | 8 | .. | 21873b |
| 98 | 11904 | 41.3 | −45 51 | 10.1 | 10.1 | G5 | 2 | .. | 21873b |
| 99 | 11547 | 41.3 | −50 53 | 11.0 | 10.3 | Ao | 1 | .. | 37621b |
| 100 | 8505 | 41.3 | −54 3 | 8.7 | 9.3 | Ko | 3 | .. | 19961b |



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## 161600 — $17^h\,41^m.4$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 2940 | 41.4 | +37 55 | 8.40 | *8.40* | Ao | 3 | .. | 38779i |
| 2 | .. | 41.4 | +18 55 | .. | .. | Mc | .. | .. | M |
| 3 | 3484 | 41.4 | + 5 42 | 7.19 | *7.17* | B9 | 5 | .. | 11305b |
| 4 | 4448 | 41.4 | − 2 14 | 9.5 | *10.7* | K5 | 1 | .. | 39390b |
| 5 | 4446 | 41.4 | − 2 49 | 7.60 | *8.67* | K2 | 5 | .. | 24207b |
| 6 | *4172* | 41.4 | − 4 1 | 8.7 | *8.8* | A3 | 4 | .. | 24207b |
| 7 | 4647 | 41.4 | − 6 49 | 8.8 | *9.9* | K2 | 1 | .. | 24207b |
| 8 | 4679 | 41.4 | −15 28 | 9.0 | *9.0* | Ao | 4 | .. | 38062b |
| 9 | 4678 | 41.4 | −15 42 | 10.7 | *10.7* | Ao | 2 | .. | 38062b |
| 10 | 12349 | 41.4 | −26 19 | 9.2 | 9.1 | B8 | 5 | .. | 22826b |
| 11 | 13590 | 41.4 | −28 26 | 9.2 | 9.1 | F8 | 4 | .. | 22826b |
| 12 | 12476 | 41.4 | −33 58 | 6.95 | 8.2 | G5 | 7 | .. | 40731b |
| 13 | 11856 | 41.4 | −39 25 | 9.4 | 9.3 | Ao | 2 | .. | 20081b |
| 14 | 12496 | 41.4 | −42 59 | 9.0 | 8.4 | Ao | 6 | *1,4* | 17085b |
| 15 | 11909 | 41.4 | −45 21 | 9.1 | 8.4 | Ao | 7 | .. | 21873b |
| 16 | *11906* | 41.4 | −46 0 | 10.3 | 10.4 | F8 | 2 | .. | 21873b |
| 17 | 1031 | 41.5 | +67 12 | 6.87 | *8.05* | K5 | 3 | .. | 38095i |
| 18 | 3206 | 41.5 | +40 6 | 8.57 | *9.64* | K2 | 1 | .. | 37871i |
| 19 | 2994 | 41.5 | +38 23 | 7.56 | *7.62* | A2 | 4 | .. | 37871i |
| 20 | 3052 | 41.5 | +30 36 | 8.3 | *9.3* | Ko | 1 | .. | 38447i |
| 21 | 3487 | 41.5 | + 5 45 | 8.7 | *8.7* | Ao | 5 | .. | 14148b |
| 22 | 3488 | 41.5 | + 5 27 | 8.1 | *8.4* | Fo | 7 | .. | 14148b |
| 23 | 3389 | 41.5 | − 1 10 | 8.1 | *8.7* | Go | 3 | .. | 14148b |
| 24 | 4601 | 41.5 | − 9 4 | 9.5 | *10.1* | Go | 2 | .. | 38082b |
| 25 | 4680 | 41.5 | −15 4 | 10.4 | *11.0* | Go | 1 | .. | 39380b |
| 26 | 12300 | 41.5 | −25 9 | 8.50 | 8.2 | Ao | 5 | .. | 22826b |
| 27 | 14711 | 41.5 | −30 52 | 8.7 | 9.1 | A2 | 6 | .. | 13823b |
| 28 | 11934 | 41.5 | −35 52 | 6.94 | 7.4 | B9 | 10 | .. | 20081b |
| 29 | 11896 | 41.5 | −36 42 | 8.8 | 8.1 | B9 | 5 | .. | 20081b |
| 30 | 12200 | 41.5 | −38 19 | 10.2 | 8.8 | A2 | 4 | .. | 20081b |
| 31 | 11858 | 41.5 | −39 13 | 10.0 | 9.3 | B9 | 2 | .. | 20081b |
| 32 | 11913 | 41.5 | −45 29 | 11.0 | 10.1 | Ao | 2 | R | 21873b |
| 33 | 11860 | 41.5 | −46 55 | 10.3 | 9.3 | B2 | 2 | .. | 17085b |
| 34 | 11821 | 41.5 | −47 12 | 11.6 | 10.8 | K2 | 1 | .. | 21873b |
| 35 | 11823 | 41.5 | −47 40 | 8.7 | 8.5 | F2 | 8 | .. | 21873b |
| 36 | 10867 | 41.5 | −52 56 | 9.0 | 9.5 | Ko | 3 | .. | 37621b |
| 37 | 2428 | 41.5 | −70 59 | *8.4* | 8.9 | F8 | 3 | .. | 42525b |
| 38 | 3524 | 41.6 | + 6 17 | 7.8 | *8.8* | Ko | 6 | .. | 16851b |
| 39 | 4648 | 41.6 | − 6 10 | 8.2 | *9.0* | G5 | 4 | .. | 24207b |
| 40 | 4500 | 41.6 | − 7 55 | 10.2 | *10.8* | Go | 3 | .. | 38082b |
| 41 | 4834 | 41.6 | −12 54 | 9.8 | *10.9* | K2 | 2 | .. | 39380b |
| 42 | 4768 | 41.6 | −14 15 | 9.3 | *9.3* | B9 | 6 | .. | 39380b |
| 43 | 4645 | 41.6 | −18 4 | 7.54 | *7.82* | Fo | 8 | .. | 38062b |
| 44 | 4874 | 41.6 | −20 48 | 7.08 | 7.3 | A3 | 8 | .. | 39280b |
| 45 | 12304 | 41.6 | −25 42 | 10.2 | 10.2 | Ao | 1 | R | 39280b |
| 46 | | 41.6 | −25 42 | | 10.2 | Ao | 2 | | |
| 47 | 13999 | 41.6 | −29 31 | 10.0 | 9.4 | Ao | 2 | .. | 13823b |
| 48 | 12084 | 41.6 | −34 12 | 10.9 | 9.2 | Ao | 2 | .. | 13823b |
| 49 | 12080 | 41.6 | −34 33 | 7.49 | 7.7 | B8 | 8 | .. | 13823b |
| 50 | 11935 | 41.6 | −35 13 | 10.9 | 8.4 | F8 | 3 | .. | 20081b |
| 51 | 11936 | 41.6 | −35 31 | 8.7 | 8.6 | Ao | 3 | .. | 20081b |
| 52 | .. | 41.6 | −35 40 | var. | var. | Md | .. | R | M |
| 53 | 12201 | 41.6 | −38 6 | 6.84 | 7.2 | B1 | .. | 2,7 | **56**,141 |
| 54 | 12084 | 41.6 | −44 7 | 8.3 | 8.4 | Ao | 10 | .. | 21873b |
| 55 | 12055 | 41.6 | −48 5 | 9.9 | 10.3 | G5 | 3 | .. | 21873b |
| 56 | 10868 | 41.6 | −52 53 | 8.4 | 9.2 | K2 | 3 | .. | 37621b |
| 57 | 4145 | 41.6 | −63 10 | *9.0* | 9.3 | F2 | 1 | .. | 20144b |
| 58 | 3208 | 41.7 | +21 55 | 8.1 | *8.1* | Ao | 3 | .. | 38784i |
| 59 | 3488 | 41.7 | + 8 18 | 9.3 | *9.7* | F5 | 2 | .. | 16851b |
| 60 | 3525 | 41.7 | + 6 10 | 7.8 | *7.8* | B9 | 9 | .. | 16851b |
| 61 | 3502 | 41.7 | + 1 35 | 8.7 | *8.7* | Ao | 5 | .. | 14148b |
| 62 | 3391 | 41.7 | − 1 41 | 7.47 | *8.54* | K2 | 5 | 0,3 | 14148b |
| 63 | 4498 | 41.7 | − 8 2 | 8.8 | *9.6* | G5 | 3 | .. | 24207b |
| 64 | 4423 | 41.7 | −22 27 | 6.24 | 7.5 | Ko | 8 | .. | 39280b |
| 65 | 13346 | 41.7 | −32 38 | 7.20 | 7.7 | A2 | 7 | .. | 40731b |
| 66 | 11940 | 41.7 | −35 56 | 9.0 | 8.7 | Go | 3 | .. | 20081b |
| 67 | 11862 | 41.7 | −39 52 | 6.88 | 7.5 | B9 | 8 | .. | 19911b |
| 68 | 12051 | 41.7 | −41 28 | 9.8 | 9.3 | Ao | 2 | .. | 19911b |
| 69 | 11915 | 41.7 | −45 36 | 10.3 | 10.8 | Ko | 1 | .. | 21873b |
| 70 | 10869 | 41.7 | −52 47 | 8.7 | 9.2 | A5 | 5 | .. | 37621b |
| 71 | 10870 | 41.7 | −52 57 | *9.6* | 9.9 | Fo | 2 | .. | 37621b |
| 72 | 8794 | 41.7 | −53 18 | 8.5 | 8.5 | F2 | 7 | .. | 19961b |
| 73 | 1567 | 41.8 | +62 13 | 9.3 | *9.4* | A2 | 1 | .. | 38505i |
| 74 | 3213 | 41.8 | +39 2 | 8.0 | *9.1* | K2 | 1 | .. | 37871i |
| 75 | 3054 | 41.8 | +30 34 | 8.9 | *9.7* | G5 | 1 | .. | 38447i |
| 76 | 2822 | 41.8 | +28 17 | 8.5 | *9.7* | K5 | 1 | .. | 38447i |
| 77 | 3490 | 41.8 | + 5 49 | 6.93 | *6.88* | B8 | 7 | .. | 11305b |
| 78 | 3398 | 41.8 | + 2 48 | 8.5 | *8.5* | Ao | 4 | .. | 14148b |
| 79 | 4499 | 41.8 | − 8 31 | 9.2 | *9.2* | Ao | 5 | .. | 38082i |
| 80 | 4748 | 41.8 | −13 12 | 10.0 | *10.0* | Ao | 4 | .. | 21435b |
| 81 | 4648 | 41.8 | −18 53 | 8.8 | *9.9* | K2 | 2 | .. | 38062b |
| 82 | 4242 | 41.8 | −22 56 | 9.2 | 8.4 | Ao | 5 | .. | 39280b |
| 83 | 13492 | 41.8 | −24 9 | 10.0 | 10.6 | G5 | 1 | .. | 39280b |
| 84 | 12359 | 41.8 | −26 44 | 10.2 | 9.5 | G5 | 2 | .. | 22826b |
| 85 | 12088 | 41.8 | −34 26 | 10.0 | 8.9 | A2 | 5 | .. | 13823b |
| 86 | 11942 | 41.8 | −35 43 | 9.0 | 8.7 | A2 | 3 | .. | 20081b |
| 87 | 11901 | 41.8 | −36 56 | 8.4 | 8.1 | Fo | 6 | .. | 20081b |
| 88 | 11868 | 41.8 | −40 16 | 8.7 | 9.3 | F5 | 2 | .. | 19911b |
| 89 | 11866 | 41.8 | −40 55 | 11.1 | 9.6 | A2 | 2 | .. | 19911b |
| 90 | 11865 | 41.8 | −46 26 | 9.0 | 9.3 | Ko | 5 | .. | 21873b |
| 91 | 11827 | 41.8 | −47 19 | 9.7 | 9.7 | Ko | 4 | .. | 21873b |
| 92 | *786* | 41.9 | +72 59 | 8.4 | *8.7* | F2 | 5 | .. | 38095i |
| 93 | 1978 | 41.9 | +53 50 | 5.70 | *5.70* | Ao | 10 | .. | 38015i |
| 94 | 2250 | 41.9 | +51 50 | 8.0 | *8.1* | A5 | 4 | .. | 38778i |
| 95 | 3090 | 41.9 | +31 33 | 6.25 | *6.23* | B9 | 9 | .. | 38447i |
| 96 | 2823 | 41.9 | +28 35 | 9.1 | *9.2* | A2 | 1 | .. | 38447i |
| 97 | 3452 | 41.9 | +13 39 | 8.7 | *9.5* | G5 | 1 | .. | 38781i |
| 98 | 3491 | 41.9 | + 5 36 | 8.3 | *8.3* | B9 | 7 | .. | 14148b |
| 99 | 4603 | 41.9 | − 9 43 | 9.8 | *9.9* | A2 | 2 | .. | 38082b |
| 100 | 4749 | 41.9 | −13 43 | 8.4 | *9.4* | Ko | 6 | *5,3* | 21435b |



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1922AnHar..97....1C



**161700** **17h 41m.9**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4770 | 41.9 | −14 42 | 6.07 | *6.05* | B9 | 9 | .. | 39460b |
| 2 | 4426 | 41.9 | −22 38 | 10.0 | 9.8 | Fo | 2 | .. | 39280b |
| 3 | 13599 | 41.9 | −28 44 | 9.2 | 9.1 | Ko | 3 | .. | 22826b |
| 4 | 11864 | 41.9 | −39 24 | 8.4 | 8.7 | F8 | 4 | .. | 20081b |
| 5 | 12056 | 41.9 | −41 41 | 8.7 | 8.4 | B9 | 5 | .. | 19911b |
| 6 | 11867 | 41.9 | −46 11 | 8.5 | 7.9 | Ao | 10 | .. | 21873b |
| 7 | 11868 | 41.9 | −46 24 | 10.1 | 9.0 | Ao | 7 | .. | 21873b |
| 8 | 8510 | 41.9 | −54 6 | 8.0 | 8.8 | K2 | 4 | .. | 19961b |
| 9 | .. | 41.9 | −58 6 | .. | .. | Ma | .. | .. | M |
| 10 | 5714 | 41.9 | −62 24 | *8.4* | 9.5 | K2 | 1 | .. | 20144b |
| 11 | 787 | 42.0 | +73 1 | 8.2 | *8.2* | A | 2 | .. | 38095i |
| 12 | 3062 | 42.0 | +35 56 | 7.8 | *7.9* | A5 | 4 | .. | 37871i |
| 13 | 3457 | 42.0 | +18 41 | 9.0 | *10.4* | Mb | .. | .. | M |
| 14 | 3527 | 42.0 | + 6 33 | 8.6 | *9.2* | Go | 4 | .. | 16851b |
| 15 | 4750 | 42.0 | −13 21 | 10.7 | *10.7* | Ao | 2 | .. | 39380b |
| 16 | 4875 | 42.0 | −20 15 | 9.8 | 9.8 | B9 | 2 | .. | 39404b |
| 17 | 13498 | 42.0 | −24 17 | 9.7 | 10.6 | K5 | 1 | .. | 39280b |
| 18 | 14727 | 42.0 | −30 16 | 7.8 | 8.8 | Go | 6 | .. | 13823b |
| 19 | 11895 | 42.0 | −37 23 | 8.0 | 8.1 | Ko | 6 | .. | 20081b |
| 20 | 11870 | 42.0 | −40 42 | 9.0 | 8.8 | A2 | 4 | .. | 19911b |
| 21 | 12057 | 42.0 | −41 26 | 7.4 | 7.9 | Fo | 7 | .. | 19911b |
| 22 | 12088 | 42.0 | −44 16 | 9.9 | 9.3 | Fo | 5 | .. | 21873b |
| 23 | 11869 | 42.0 | −46 33 | 9.7 | 8.7 | B8 | 6 | .. | 17085b |
| 24 | 8456 | 42.0 | −56 33 | *9.3* | 9.3 | B9 | 3 | .. | 17453b |
| 25 | 2685 | 42.1 | +49 17 | 8.6 | *9.7* | K2 | 1 | .. | 38778i |
| 26 | 2909 | 42.1 | +42 38 | 8.7 | *9.7* | Ko | 2 | .. | 37844i |
| 27 | 2824 | 42.1 | +28 13 | 8.7 | *8.8* | A3 | 2 | .. | 38447i |
| 28 | 3331 | 42.1 | +17 38 | 7.8 | *8.4* | Go | 1 | .. | 38473i |
| 29 | 3335 | 42.1 | +14 50 | 8.09 | *8.65* | Go | 3 | E | 37959i |
| 30 | 3254 | 42.1 | +11 47 | 9.0 | *9.0* | Ao | 2 | .. | 38781i |
| 31 | 3295 | 42.1 | +10 10 | 8.67 | *9.17* | F8 | 6 | .. | 16851b |
| 32 | 3294 | 42.1 | +10 8 | 8.86 | *9.28* | F5 | 3 | .. | 16851b |
| 33 | 3494 | 42.1 | + 5 44 | 8.4 | *8.4* | B8 | 5 | .. | 11305b |
| 34 | 3493 | 42.1 | + 5 29 | 9.0 | *9.0* | Ao | 6 | .. | 14148b |
| 35 | 3392 | 42.1 | − 1 3 | 8.5 | *9.0* | F8 | 3 | .. | 14148b |
| 36 | *4351* | 42.1 | − 5 0 | 9.70 | *10.70* | Ko | 1 | .. | 39390b |
| 37 | 12309 | 42.1 | −25 55 | 10.7 | 9.9 | A2 | 2 | .. | 39280b |
| 38 | 14595 | 42.1 | −31 57 | 9.5 | 9.7 | Ao | 2 | .. | 13823b |
| 39 | 12100 | 42.1 | −34 1 | 10.0 | 8.7 | B5 | 3 | .. | 13823b |
| 40 | 12099 | 42.1 | −34 55 | 9.0 | 8.3 | A2 | 4 | .. | 20081b |
| 41 | *12102* | 42.1 | −35 2 | 7.42 | 7.4 | A2 | 7 | .. | 20081b |
| 42 | 11904 | 42.1 | −36 20 | 10.4 | 8.9 | Fo | 1 | .. | 20081b |
| 43 | 12209 | 42.1 | −38 4 | 7.6 | 7.2 | Ao | 7 | .. | 20081b |
| 44 | 11920 | 42.1 | −45 32 | 11.0 | 10.1 | F5 | 3 | .. | 21873b |
| 45 | 11919 | 42.1 | −45 38 | 9.5 | 9.1 | Fo | 7 | .. | 21873b |
| 46 | 8328 | 42.1 | −55 49 | *9.4* | 9.7 | Fo | 2 | .. | 37621b |
| 47 | 5715 | 42.1 | −62 37 | *7.7* | 8.8 | K2 | 4 | .. | 20144b |
| 48 | 3215 | 42.2 | +39 24 | 8.2 | *9.3* | K2 | 1 | .. | 37871i |
| 49 | 3489 | 42.2 | + 8 26 | 9.5 | *10.0* | F8 | 3 | .. | 16851b |
| 50 | 3506 | 42.2 | + 4 28 | 8.0 | *8.3* | Fo | 8 | .. | 14148b |
| 51 | 3504 | 42.2 | + 1 52 | 8.5 | *8.9* | F5 | 4 | .. | 14148b |
| 52 | 3393 | 42.2 | − 1 15 | 8.7 | *8.7* | Ao | 7 | .. | 14148b |
| 53 | 4651 | 42.2 | − 6 32 | 9.0 | *9.0* | B9 | 1 | .. | 24207b |
| 54 | 4752 | 42.2 | −13 24 | 9.3 | *9.4* | A5 | 4 | .. | 39380b |
| 55 | 4649 | 42.2 | −18 15 | 9.5 | *9.6* | A2 | 2 | .. | 38062b |
| 56 | 12367 | 42.2 | −26 57 | 6.16 | 6.6 | B3 | .. | 2,6 | **28,212** |
| 57 | 14017 | 42.2 | −29 27 | 9.5 | 9.7 | A | 2 | .. | 13823b |
| 58 | 14729 | 42.2 | −30 59 | 9.3 | 9.9 | Fo | 1 | .. | 13823b |
| 59 | 11897 | 42.2 | −37 16 | 8.7 | 8.3 | Ao | 5 | .. | 20081b |
| 60 | 11898 | 42.2 | −37 19 | 10.0 | 8.9 | Ao | 1 | .. | 20081b |
| 61 | 11899 | 42.2 | −37 41 | 11.8 | 10.1 | A5 | 1 | .. | 20081b |
| 62 | 12066 | 42.2 | −41 16 | 10.9 | 9.6 | Ao | 1 | .. | 19911b |
| 63 | 12063 | 42.2 | −41 46 | 9.8 | 9.3 | Ao | 2 | .. | 19911b |
| 64 | 11921 | 42.2 | −45 8 | 10.3 | 9.9 | F2 | 3 | .. | 21873b |
| 65 | 11557 | 42.2 | −50 44 | 9.9 | 9.8 | A2 | 3 | .. | 37621b |
| 66 | 3680 | 42.2 | −64 48 | *9.0* | 9.0 | Ao | 3 | .. | 20144b |
| 67 | 2014 | 42.3 | +56 15 | 8.2 | *8.7* | F8 | 2 | .. | 38015i |
| 68 | 3336 | 42.3 | +14 3 | 8.3 | *8.3* | Ao | 3 | .. | 38781i |
| 69 | 4176 | 42.3 | − 3 20 | 9.8 | *10.9* | K2 | 1 | .. | 39390b |
| 70 | 4604 | 42.3 | − 9 34 | 9.5 | *10.1* | Go | 3 | .. | 38082b |
| 71 | 4772 | 42.3 | −14 33 | 9.8 | *10.8* | Ko | 1 | .. | 39380b |
| 72 | 4705 | 42.3 | −19 7 | 9.2 | 9.5 | Ao | 3 | .. | 38062i |
| 73 | 13576 | 42.3 | −23 12 | 7.9 | 7.9 | F2 | 8 | .. | 39280b |
| 74 | 12490 | 42.3 | −33 50 | 8.7 | 8.5 | B8 | 5 | .. | 13823b |
| 75 | 12103 | 42.3 | −34 16 | 9.8 | 8.9 | Fo | 3 | .. | 13823b |
| 76 | 11947 | 42.3 | −35 1 | 11.8 | 10.1 | Ao | 1 | .. | 20081b |
| 77 | 12212 | 42.3 | −38 47 | 10.4 | 9.6 | Ao | 2 | .. | 20081b |
| 78 | 11875 | 42.3 | −40 51 | 8.7 | 8.7 | G5 | 4 | .. | 19911b |
| 79 | 12095 | 42.3 | −44 29 | 9.9 | 9.3 | Ao | 7 | .. | 21873b |
| 80 | 11835 | 42.3 | −47 42 | 10.6 | 9.9 | Ao | 1 | .. | 19938b |
| 81 | 8800 | 42.3 | −53 3 | *9.3* | 10.4 | K2 | 1 | .. | 37621b |
| 82 | 8798 | 42.3 | −53 10 | *9.6* | 10.8 | K5 | 1 | .. | 37621b |
| 83 | 8799 | 42.3 | −53 35 | 5.90 | 6.1 | B3 | .. | .. | **56,141** |
| 84 | 8513 | 42.3 | −54 42 | 7.78 | 8.4 | G5 | 6 | .. | 17453b |
| 85 | 1972 | 42.4 | +55 48 | 8.7 | *9.2* | F8 | 1 | .. | 38015i |
| 86 | 3497 | 42.4 | + 5 48 | 9.5 | *9.5* | Ao | 2 | .. | 14148b |
| 87 | 3394 | 42.4 | − 1 29 | 8.7 | *8.7* | Ao | 4 | .. | 14148b |
| 88 | 4753 | 42.4 | −13 34 | 8.4 | *9.0* | Go | 4 | .. | 39460b |
| 89 | 13365 | 42.4 | −32 52 | 9.6 | 9.1 | B2 | 2 | .. | 13823b |
| 90 | 11948 | 42.4 | −35 52 | 11.1 | 9.2 | Ao | 1 | .. | 20081b |
| 91 | 11908 | 42.4 | −36 30 | 8.7 | 7.8 | B8 | 5 | .. | 20081b |
| 92 | 12097 | 42.4 | −44 35 | 10.6 | 10.1 | Ao | 3 | .. | 21873b |
| 93 | 11560 | 42.4 | −50 16 | 9.1 | 9.5 | A3 | 6 | .. | 37621b |
| 94 | 1864 | 42.4 | −73 27 | *8.4* | 9.4 | Ko | 4 | .. | 21336b |
| 95 | 639 | 42.5 | +75 58 | 8.07 | *9.07* | Ko | 1 | E | 38095i |
| 96 | 2457 | 42.5 | +50 5 | 7.27 | *7.77* | F8p | 5 | R | 38778i |
| 97 | 2888 | 42.5 | +27 47 | 3.48 | *4.26* | G5 | .. | R | 2006c |
| 98 | 3491 | 42.5 | + 8 12 | 9.8 | *9.9* | A2 | 1 | .. | 16851b |
| 99 | 3506 | 42.5 | + 1 20 | 9.1 | *9.1* | Ao | 2 | .. | 14148b |
| 100 | 4177 | 42.5 | − 3 36 | 8.8 | *10.2* | Mb | 1 | .. | 39390b |



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1922AnHar..97....1C



## 161800 — 17h 42m.5

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | .. | 42.5 | −16 27 | Neb. | Neb. | P | .. | R | 76,23 |
| 2 | 4430 | 42.5 | −22 31 | 10.7 | 10.1 | Ao | 1 | .. | 39280b |
| 3 | 4429 | 42.5 | −22 35 | 10.7 | 10.1 | Ao | 1 | .. | 39280b |
| 4 | 13578 | 42.5 | −23 19 | 10.4 | 10.7 | A | 1 | .. | 39280b |
| 5 | 14605 | 42.5 | −31 3 | 9.5 | 9.1 | B8 | 3 | .. | 13823b |
| 6 | 14606 | 42.5 | −31 53 | 10.7 | 9.4 | F8 | 3 | .. | 13823b |
| 7 | 12215 | 42.5 | −38 57 | 6.75 | 6.8 | B2 | 4 | .. | 5172b |
| 8 | 12070 | 42.5 | −41 11 | 9.4 | 9.3 | F5 | 2 | .. | 19911b |
| 9 | 12508 | 42.5 | −42 28 | 10.1 | 9.0 | B9 | 2 | .. | 19911b |
| 10 | 11924 | 42.5 | −45 27 | 11.6 | 10.1 | B8 | 2 | .. | 21873b |
| 11 | 11172 | 42.5 | −51 5 | 8.5 | 9.2 | Ko | 4 | .. | 37621b |
| 12 | 8515 | 42.5 | −54 18 | 8.3 | 8.7 | Ko | 4 | .. | 19961b |
| 13 | 8331 | 42.5 | −55 36 | *9.6* | 9.7 | A2 | 2 | .. | 37621b |
| 14 | 6950 | 42.5 | −60 8 | 5.77 | 7.1 | Ko | .. | 0,10 | 56,141 |
| 15 | 2997 | 42.6 | +38 56 | 6.51 | *7.51* | Ko | 6 | 5,4 | 37871i |
| 16 | 3076 | 42.6 | +26 12 | 9.1 | *9.4* | F2 | 2 | .. | 38447i |
| 17 | 3344 | 42.6 | +25 48 | 6.87 | *6.87* | Ao | 8 | .. | 38447i |
| 18 | 3332 | 42.6 | +17 56 | 8.1 | *9.2* | K2 | 1 | .. | 38473i |
| 19 | 3270 | 42.6 | +15 5 | 8.19 | *8.19* | Ao | 5 | .. | 37959i |
| 20 | 3498 | 42.6 | + 5 38 | 8.5 | *9.7* | K5 | 2 | .. | 14148b |
| 21 | 3508 | 42.6 | + 1 49 | 8.9 | *8.9* | Ao | 4 | .. | 14148b |
| 22 | 4620 | 42.6 | −16 47 | 8.0 | *8.0* | Ao | 6 | .. | 38062b |
| 23 | 12320 | 42.6 | −25 10 | 10.7 | 9.9 | B9 | 2 | .. | 39280b |
| 24 | 13622 | 42.6 | −28 13 | 8.7 | 9.2 | Ko | 3 | .. | 22826b |
| 25 | 12510 | 42.6 | −42 35 | 8.3 | 9.3 | Ma | 2 | .. | 19911b |
| 26 | 11926 | 42.6 | −45 53 | 10.1 | 10.1 | Ko | 3 | .. | 21873b |
| 27 | 11837 | 42.6 | −47 32 | 9.5 | 9.9 | G5 | 3 | .. | 21873b |
| 28 | 11836 | 42.6 | −47 59 | 9.7 | 9.3 | F8 | 5 | .. | 21873b |
| 29 | 11564 | 42.6 | −50 14 | 10.1 | 9.9 | Ko | 3 | .. | 37621b |
| 30 | 11561 | 42.6 | −50 47 | 10.6 | 10.6 | Ko | 1 | .. | 37621b |
| 31 | 8332 | 42.6 | −55 9 | *9.3* | 9.3 | Ao | 2 | .. | 17453b |
| 32 | 3219 | 42.7 | +39 22 | 6.56 | *7.56* | Ko | 6 | 0,4 | 37871i |
| 33 | 3334 | 42.7 | +17 46 | 5.58 | *5.58* | Ao | 9 | 0,9 | 38473i |
| 34 | 3499 | 42.7 | + 5 9 | 9.8 | *9.9* | A2 | 1 | .. | 14148b |
| 35 | 4685 | 42.7 | −15 7 | 9.30 | *9.86* | Go | 3 | .. | 38062b |
| 36 | 13583 | 42.7 | −23 14 | 11.8 | 10.4 | Go | 1 | .. | 39280b |
| 37 | 13582 | 42.7 | −23 35 | 9.3 | 9.6 | G5 | 3 | .. | 39280b |
| 38 | 12323 | 42.7 | −25 4 | 10.7 | 9.9 | A2 | 2 | .. | 39280b |
| 39 | 14608 | 42.7 | −31 15 | 10.2 | 9.2 | B5 | 2 | .. | 13823b |
| 40 | 14609 | 42.7 | −31 40 | 4.83 | *4.78* | B8 | .. | .. | 28,212 |
| 41 | 12074 | 42.7 | −41 25 | 7.5 | 7.9 | B9 | 7 | .. | 19911b |
| 42 | 12073 | 42.7 | −41 47 | 10.0 | 9.6 | A2 | 1 | .. | 19911b |
| 43 | *11562* | 42.7 | −51 1 | 9.9 | 10.1 | A2 | 2 | .. | 37621b |
| 44 | *11173* | 42.7 | −52 1 | 9.9 | 9.5 | Ao | 4 | .. | 37621b |
| 45 | 8804 | 42.7 | −53 11 | *9.6* | 10.2 | Go | 2 | .. | 37621b |
| 46 | 853 | 42.8 | +71 33 | 9.2 | *9.3* | A3 | 2 | .. | 38095i |
| 47 | 3492 | 42.8 | + 8 36 | 9.5 | *10.5* | Ko | 1 | .. | 16851b |
| 48 | 3509 | 42.8 | + 4 59 | 8.96 | *9.96* | Ko | 4 | .. | 14148b |
| 49 | 4708 | 42.8 | −19 44 | 8.6 | 9.8 | Ma | 2 | 0,2 | 39404b |
| 50 | 12326 | 42.8 | −25 33 | 11.6 | 10.2 | Ao | 1 | .. | 39280b |
| 51 | 12324 | 42.8 | −25 43 | 8.5 | 8.5 | Ao | 3 | .. | 13838b |
| 52 | 14748 | 42.8 | −30 34 | 6.68 | 7.6 | Fo | 10 | .. | 13823b |
| 53 | 14612 | 42.8 | −31 13 | 8.0 | 8.2 | B3 | 7 | .. | 13823b |
| 54 | 12108 | 42.8 | −34 5 | 10.0 | 8.6 | B9 | 5 | .. | 13823b |
| 55 | 11954 | 42.8 | −35 21 | 7.19 | 7.8 | Ao | 9 | .. | 20081b |
| 56 | 11914 | 42.8 | −36 35 | 10.0 | 8.9 | Fo | 3 | .. | 20081b |
| 57 | 11886 | 42.8 | −39 7 | 10.0 | 9.9 | B8 | 1 | .. | 20081b |
| 58 | 11839 | 42.8 | −47 13 | 7.5 | 7.7 | B9 | 8 | .. | 21873b |
| 59 | 11740 | 42.8 | −49 28 | 7.2 | 7.7 | A5 | 9 | .. | 37621b |
| 60 | 11739 | 42.8 | −49 52 | 9.5 | 9.2 | A2 | 4 | .. | 37621b |
| 61 | 11177 | 42.8 | −51 24 | 10.1 | 10.7 | K2 | 1 | .. | 37621b |
| 62 | 8808 | 42.8 | −53 56 | *9.0* | 9.0 | B9 | 2 | .. | 19961b |
| 63 | 8520 | 42.8 | −54 14 | 8.2 | 8.4 | Fo | 7 | .. | 19961b |
| 64 | 3687 | 42.8 | −64 36 | *8.1* | 8.1 | Ao | 8 | .. | 20144b |
| 65 | *2097* | 42.9 | +51 59 | 8.6 | *9.7* | K2 | 1 | .. | 38778i |
| 66 | 2252 | 42.9 | +51 50 | 8.7 | *9.3* | Go | 1 | .. | 38778i |
| 67 | 3500 | 42.9 | + 5 24 | 8.7 | *9.8* | K2 | 3 | .. | 14148b |
| 68 | 3403 | 42.9 | + 2 45 | 3.74 | *3.74* | Ao | .. | R | 2029c |
| 69 | 3509 | 42.9 | + 1 35 | 8.1 | *8.1* | Ao | 6 | .. | 14148b |
| 70 | 3396 | 42.9 | − 1 57 | 9.8 | *9.8* | B9 | 4 | .. | 39390b |
| 71 | *4841* | 42.9 | −13 1 | 10.2 | *10.3* | A2 | 2 | .. | 39380b |
| 72 | 13376 | 42.9 | −32 4 | 9.1 | 8.8 | Ao | 4 | .. | 13823b |
| 73 | 13379 | 42.9 | −32 56 | 8.2 | 8.2 | A2 | 8 | .. | 13823b |
| 74 | 11919 | 42.9 | −36 3 | 9.4 | 8.9 | Fo | 2 | .. | 20081b |
| 75 | 11906 | 42.9 | −37 53 | 10.9 | 9.2 | Ao | 1 | .. | 20081b |
| 76 | 11882 | 42.9 | −40 48 | 9.8 | 9.3 | B8 | 3 | .. | 19911b |
| 77 | 12077 | 42.9 | −41 20 | 7.6 | 7.8 | B9 | 6 | .. | 19911b |
| 78 | 12516 | 42.9 | −42 36 | 9.7 | 9.3 | F8 | 2 | .. | 19911b |
| 79 | 12105 | 42.9 | −44 52 | 9.5 | 9.9 | A3 | 2 | .. | 17085b |
| 80 | 12072 | 42.9 | −48 16 | 7.2 | 7.9 | Ko | 9 | .. | 21873b |
| 81 | 11565 | 42.9 | −50 22 | 10.6 | 10.1 | Ao | 3 | .. | 37621b |
| 82 | 3145 | 42.9 | −66 43 | *9.2* | 9.2 | Ao | 4 | .. | 42525b |
| 83 | 3108 | 43.0 | +29 27 | 8.3 | *8.6* | Fo | 3 | .. | 38447i |
| 84 | 2830 | 43.0 | +28 7 | 8.1 | *8.1* | Ao | 4 | .. | 38447i |
| 85 | 3532 | 43.0 | + 6 27 | 7.9 | *9.3* | Ma | 7 | .. | 16851b |
| 86 | 3510 | 43.0 | + 1 38 | 8.7 | *8.7* | Ao | 2 | .. | 14148b |
| 87 | 13586 | 43.0 | −23 25 | 9.0 | 10.1 | G5 | 2 | .. | 39280b |
| 88 | 13509 | 43.0 | −24 48 | 9.7 | 9.5 | Ao | 4 | .. | 39280b |
| 89 | 14615 | 43.0 | −31 59 | 8.3 | 8.2 | A3 | 6 | .. | 13823b |
| 90 | 12112 | 43.0 | −34 11 | 10.2 | 8.9 | Ao | 3 | .. | 13823b |
| 91 | 11958 | 43.0 | −35 55 | 10.0 | 9.0 | A5 | 1 | .. | 20081b |
| 92 | 11907 | 43.0 | −37 1 | 3.25 | 5.5 | K2 | .. | R | 28,212 |
| 93 | 11891 | 43.0 | −39 39 | 9.8 | 9.9 | K2 | 1 | .. | 20081b |
| 94 | 11933 | 43.0 | −45 30 | 11.0 | 10.1 | A2 | 1 | .. | 17085b |
| 95 | 11883 | 43.0 | −46 53 | 10.6 | 9.9 | A2 | 2 | .. | 17085b |
| 96 | 11567 | 43.0 | −50 45 | 10.6 | 10.1 | B9 | 3 | .. | 37621b |
| 97 | 803 | 43.1 | +72 27 | 8.4 | *9.4* | Ko | 4 | .. | 38095i |
| 98 | 3002 | 43.1 | +38 36 | 8.1 | *9.1* | Ko | 1 | .. | 37871i |
| 99 | 3064 | 43.1 | +35 21 | 9.1 | *9.7* | Go | 2 | .. | 37871i |
| 100 | 3272 | 43.1 | +15 5 | 7.72 | *7.72* | Ao | 5 | .. | 37959i |



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1922AnHar..97....1C



## 161900 — 17h 43m.1

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3511 | 43.1 | + 1 29 | 8.7 | *8.7* | Ao | 4 | .. | 14148b |
| 2 | 3361 | 43.1 | − 0 59 | 7.7 | *8.9* | K5 | 4 | .. | 14148b |
| 3 | 3398 | 43.1 | − 1 47 | 7.63 | *7.69* | A2 | 7 | 1,8 | 24207b |
| 4 | 4553 | 43.1 | −10 14 | 8.61 | *9.61* | Ko | 5 | 0,3 | 38082b |
| 5 | 13512 | 43.1 | −24 19 | 9.5 | 9.1 | B8 | 5 | .. | 39280b |
| 6 | 11969 | 43.1 | −27 27 | 8.9 | 9.1 | B8 | 1 | .. | 13838b |
| 7 | 14038 | 43.1 | −29 17 | 7.7 | 8.5 | Fo | 7 | .. | 13823b |
| 8 | 14036 | 43.1 | −29 24 | 7.9 | 8.6 | Fo | 6 | .. | 13823b |
| 9 | 12114 | 43.1 | −34 18 | 10.2 | 8.9 | B9 | 2 | .. | 13823b |
| 10 | 11920 | 43.1 | −36 21 | 10.0 | 8.9 | F2 | 2 | .. | 20081b |
| 11 | 11908 | 43.1 | −37 30 | 10.2 | 9.5 | A2 | 3 | R | 20081b |
| 12 | 11886 | 43.1 | −40 4 | 4.88 | *4.94* | A2p | .. | R | **28**,212 |
| 13 | 11886 | 43.1 | −46 38 | 11.6 | 10.1 | A2 | 1 | .. | 17085b |
| 14 | 12076 | 43.1 | −48 47 | 9.9 | 9.2 | B8 | 3 | .. | 19938b |
| 15 | 11573 | 43.1 | −50 16 | 7.46 | 9.2 | Ma | 5 | .. | 37621b |
| 16 | 10881 | 43.1 | −52 57 | *9.0* | 9.0 | B9 | 5 | .. | 37621b |
| 17 | 8812 | 43.1 | −53 6 | 6.40 | 6.5 | Ao | .. | 1,10 | **56**,141 |
| 18 | 6953 | 43.1 | −60 22 | 8.8 | 8.0 | Fo | 9 | .. | 17453b |
| 19 | 942 | 43.2 | +69 11 | 8.8 | *9.4* | Go | 1 | .. | 38095i |
| 20 | 3254 | 43.2 | +24 17 | 7.66 | *8.84* | K5 | 1 | .. | 38784i |
| 21 | 3464 | 43.2 | +18 56 | 6.66 | *6.66* | Ao | 7 | .. | 38784i |
| 22 | 3471 | 43.2 | + 9 49 | 7.10 | *7.16* | A2 | 7 | .. | 38781i |
| 23 | 3512 | 43.2 | + 1 25 | 8.9 | *8.9* | Ao | 4 | .. | 14148b |
| 24 | 4653 | 43.2 | − 6 41 | 9.5 | *10.1* | Go | 3 | .. | 38082b |
| 25 | 4622 | 43.2 | −16 13 | 8.6 | *9.4* | G5 | 3 | .. | 38062b |
| 26 | 12333 | 43.2 | −25 2 | 10.9 | 10.4 | Ao | 1 | .. | 39280b |
| 27 | 12117 | 43.2 | −34 55 | 10.2 | 8.9 | B9 | 2 | .. | 20081b |
| 28 | 11922 | 43.2 | −36 12 | 10.9 | 9.3 | Fo | 1 | R | 20081b |
| 29 | 12225 | 43.2 | −38 7 | 9.4 | 8.5 | B3 | 3 | .. | 20081b |
| 30 | 11896 | 43.2 | −39 8 | 10.2 | 9.6 | Go | 1 | .. | 20081b |
| 31 | 12083 | 43.2 | −41 25 | 8.0 | 8.4 | B9 | 6 | .. | 19911b |
| 32 | 12523 | 43.2 | −42 47 | 9.2 | 8.7 | A3 | 3 | .. | 19911b |
| 33 | 11183 | 43.2 | −51 40 | 9.3 | 9.8 | Ko | 3 | .. | 37621b |
| 34 | 10883 | 43.2 | −52 55 | *9.8* | 9.8 | Ao | 2 | .. | 37621b |
| 35 | 8814 | 43.2 | −53 49 | 7.0 | 7.1 | A3 | .. | 1,10 | **56**,141 |
| 36 | 1865 | 43.2 | −73 45 | *8.3* | 9.1 | G5 | 4 | .. | 21336b |
| 37 | 952 | 43.3 | +70 45 | 8.8 | *9.9* | K2 | 2 | .. | 38095i |
| 38 | 3338 | 43.3 | +14 51 | 8.37 | *9.37* | Ko | 2 | .. | 37959i |
| 39 | 3495 | 43.3 | + 8 11 | 8.7 | *9.8* | K2 | 1 | .. | 16851b |
| 40 | 3533 | 43.3 | + 6 19 | 9.1 | *9.1* | Ao | 5 | .. | 16851b |
| 41 | 3493 | 43.3 | + 3 50 | 6.19 | *6.19* | Ao | 7 | .. | 38464i |
| 42 | 3513 | 43.3 | + 1 5 | 9.74 | *9.74* | Ao | 2 | .. | 14148b |
| 43 | 3779 | 43.3 | + 0 35 | 8.9 | *10.1* | K5 | 2 | .. | 14148b |
| 44 | .. | 43.3 | −19 59 | Neb. | Neb. | Pd | .. | R | **76**,23 |
| 45 | 13589 | 43.3 | −23 21 | 7.9 | 7.6 | Fo | 7 | .. | 39280b |
| 46 | 14760 | 43.3 | −30 18 | 10.0 | 9.4 | B9 | 2 | .. | 13823b |
| 47 | 12515 | 43.3 | −33 21 | 10.2 | 9.4 | B8 | 2 | .. | 13823b |
| 48 | 11914 | 43.3 | −37 2 | 10.4 | 8.9 | B9 | 2 | .. | 20081b |
| 49 | 11898 | 43.3 | −39 46 | 8.7 | 9.6 | K2 | 2 | .. | 20081b |
| 50 | 11887 | 43.3 | −40 25 | 10.0 | 9.3 | Ao | 3 | .. | 19911b |
| 51 | 12085 | 43.3 | −41 39 | 9.4 | 8.4 | B8 | 4 | .. | 19911b |
| 52 | 12065 | 43.3 | −43 17 | 9.9 | 9.9 | Ao | 2 | .. | 19911b |
| 53 | 11184 | 43.3 | −51 22 | 10.6 | 10.1 | Go | 2 | .. | 37621b |
| 54 | 7163 | 43.3 | −59 10 | 8.8 | 9.5 | Ko | 3 | .. | 17453b |
| 55 | 3507 | 43.3 | −65 28 | 6.50 | 8.0 | Ko | 8 | .. | 42525b |
| 56 | 2462 | 43.4 | +50 13 | 8.07 | *9.14* | K2 | 3 | .. | 38778i |
| 57 | 2689 | 43.4 | +49 33 | 8.12 | *9.12* | Ko | 2 | .. | 38778i |
| 58 | 2937 | 43.4 | +36 7 | 6.63 | *7.81* | K5 | 6 | .. | 37871i |
| 59 | 2831 | 43.4 | +28 58 | 7.36 | *7.36* | Ao | 7 | .. | 38447i |
| 60 | 3339 | 43.4 | +14 47 | 8.4 | *9.6* | K5 | 2 | .. | 37959i |
| 61 | 4458 | 43.4 | − 2 9 | 8.2 | *8.0* | Bo | 6 | .. | 24207b |
| 62 | 13646 | 43.4 | −28 10 | 9.5 | 9.1 | Ao | 1 | .. | 13838b |
| 63 | 13644 | 43.4 | −28 23 | 9.5 | 9.1 | B9 | 2 | .. | 13838b |
| 64 | 14762 | 43.4 | −30 51 | 8.3 | 9.4 | K2 | 1 | .. | 13823b |
| 65 | 14627 | 43.4 | −31 41 | 8.7 | 9.1 | Ao | 5 | .. | 13823b |
| 66 | 12514 | 43.4 | −33 47 | 10.2 | 9.7 | Ao | 2 | .. | 13823b |
| 67 | 11926 | 43.4 | −36 32 | 10.0 | 8.9 | Fo | 3 | .. | 20081b |
| 68 | 11916 | 43.4 | −37 1 | Cl. | Cl. | Con. | 2 | R | 20081b |
| 69 | 12088 | 43.4 | −41 37 | 7.4 | 8.5 | K5 | 3 | .. | 19911b |
| 70 | 12527 | 43.4 | −42 17 | 7.9 | 7.5 | Ao | 8 | .. | 19911b |
| 71 | 11940 | 43.4 | −45 29 | 10.1 | 10.1 | F5 | 2 | .. | 17085b |
| 72 | 11888 | 43.4 | −46 12 | 8.3 | 8.4 | B5 | 7 | .. | 17085b |
| 73 | 11889 | 43.4 | −46 20 | 7.6 | 8.8 | Ko | 5 | .. | 17085b |
| 74 | 11890 | 43.4 | −46 36 | 10.1 | 10.2 | Ko | 1 | .. | 17085b |
| 75 | 3263 | 43.5 | +11 53 | 8.6 | *9.8* | K5 | 1 | .. | 38781i |
| 76 | 3472 | 43.5 | + 9 26 | 10.5 | *10.6* | A3 | 2 | .. | 16851b |
| 77 | 3497 | 43.5 | + 8 5 | 8.6 | *8.6* | Ao | 6 | .. | 16851b |
| 78 | 3467 | 43.5 | + 7 14 | 9.1 | *9.9* | G5 | 3 | .. | 16851b |
| 79 | 3535 | 43.5 | + 6 55 | 9.1 | *10.2* | K2 | 3 | .. | 16851b |
| 80 | 3503 | 43.5 | + 5 21 | 9.1 | *10.2* | K2 | 2 | .. | 14148b |
| 81 | 4460 | 43.5 | −11 18 | 8.0 | *9.0* | Ko | 4 | .. | 39380b |
| 82 | 4844 | 43.5 | −12 57 | 10.0 | *11.1* | K2 | 2 | .. | 39380b |
| 83 | 4879 | 43.5 | −20 47 | 8.3 | 9.5 | K5 | 3 | .. | 39280b |
| 84 | 12335 | 43.5 | −25 57 | 9.5 | 8.9 | B9 | 5 | .. | 39280b |
| 85 | 11964 | 43.5 | −35 8 | 7.88 | 8.3 | K2 | 3 | .. | 20081b |
| 86 | 11965 | 43.5 | −35 20 | 9.0 | 8.6 | F8 | 3 | .. | 20081b |
| 87 | 6954 | 43.5 | −60 48 | 8.9 | 9.5 | K2 | 3 | .. | 17453b |
| 88 | 1226 | 43.5 | −76 10 | 6.11 | 7.9 | K2 | .. | 0,10 | **56**,141 |
| 89 | 567 | 43.5 | −84 15 | *9.1* | 9.1 | Ao | 3 | .. | 14161b |
| 90 | 1781 | 43.6 | +60 20 | 8.26 | *8.76* | F8 | 2 | .. | 38505i |
| 91 | 3068 | 43.6 | +35 0 | 8.27 | *9.27* | Ko | 2 | .. | 37871i |
| 92 | 13590 | 43.6 | −23 25 | 9.2 | 9.8 | F8 | 1 | .. | 39280b |
| 93 | 13518 | 43.6 | −24 26 | 9.5 | 9.5 | Ao | 4 | .. | 39280b |
| 94 | 14769 | 43.6 | −30 46 | 10.0 | 10.0 | Ao | 1 | .. | 13823b |
| 95 | 12121 | 43.6 | −34 40 | 9.8 | 8.9 | Ao | 3 | .. | 20081b |
| 96 | 12532 | 43.6 | −42 26 | 8.6 | 8.7 | F2 | 4 | .. | 19911b |
| 97 | 12071 | 43.6 | −43 7 | 9.2 | 8.8 | B8 | 4 | .. | 19911b |
| 98 | 12118 | 43.6 | −44 49 | 10.6 | 10.8 | A2 | 3 | .. | 17085b |
| 99 | 11190 | 43.6 | −51 13 | 11.0 | 10.1 | Ao | 2 | .. | 37621b |
| 100 | 2974 | 43.6 | −68 38 | *8.0* | 8.8 | G5 | 7 | .. | 42525b |



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## 162000 — $17^h 43^m.6$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 2436 | 43.6 | −70 27 | *8.2* | 9.2 | Ko | 3 | .. | 42525b |
| 2 | 2200 | 43.6 | −71 59 | *8.9* | 8.9 | Ao | 6 | .. | 21336b |
| 3 | 804 | 43.7 | +72 12 | 4.90 | *5.32* | F5 | .. | R | 56,94 |
| 4 | 805 | 43.7 | +72 12 | 6.07 | *6.49* | | | | |
| 5 | 3470 | 43.7 | + 7 48 | 9.0 | *10.1* | K2 | 2 | .. | 16851b |
| 6 | 3517 | 43.7 | + 1 48 | 8.5 | *8.6* | A3 | 4 | .. | 14148b |
| 7 | 3516 | 43.7 | + 1 12 | 8.5 | *9.3* | G5 | 2 | .. | 14148b |
| 8 | 3400 | 43.7 | − 1 50 | 8.7 | *9.2* | F8 | 3 | .. | 14148b |
| 9 | 4462 | 43.7 | −11 40 | 9.5 | *10.0* | F8 | 2 | .. | 39380b |
| 10 | 4711 | 43.7 | −19 58 | 7.64 | 7.2 | A2 | 8 | .. | 39280b |
| 11 | 4747 | 43.7 | −21 24 | 9.8 | 10.1 | Ao | 1 | .. | 39280b |
| 12 | 12340 | 43.7 | −25 42 | 11.4 | 10.0 | Ao | 1 | .. | 39280b |
| 13 | 11981 | 43.7 | −27 47 | 9.5 | 9.4 | Ao | 1 | .. | 13838b |
| 14 | 13656 | 43.7 | −28 46 | 9.5 | 9.1 | Ao | 2 | .. | 13838b |
| 15 | 14774 | 43.7 | −30 56 | 7.8 | 8.9 | K2 | 4 | .. | 13823b |
| 16 | 12123 | 43.7 | −34 27 | 8.7 | 8.1 | Ao | 5 | .. | 20081b |
| 17 | 11968 | 43.7 | −35 41 | 8.7 | 8.7 | Ko | 3 | .. | 20081b |
| 18 | 11932 | 43.7 | −36 37 | 10.0 | 9.0 | Ao | 1 | .. | 20081b |
| 19 | 11919 | 43.7 | −37 32 | 10.9 | 8.9 | Ao | 4 | .. | 20081b |
| 20 | 11894 | 43.7 | −40 17 | 9.3 | 9.6 | G5 | 1 | .. | 19911b |
| 21 | 12536 | 43.7 | −42 18 | 6.74 | 7.8 | Ko | 8 | .. | 19911b |
| 22 | 11944 | 43.7 | −45 36 | 9.7 | 9.3 | F2 | 4 | .. | 17085b |
| 23 | 12086 | 43.7 | −48 15 | 11.0 | 11.2 | Ma | .. | .. | M |
| 24 | 11579 | 43.7 | −50 21 | 10.6 | 10.1 | Ao | 3 | .. | 37621b |
| 25 | 7281 | 43.7 | −58 28 | 8.9 | 9.5 | A2 | 4 | .. | 17453b |
| 26 | 2122 | 43.7 | −72 40 | *8.7* | 9.5 | G5 | 1 | .. | 21336b |
| 27 | 728 | 43.8 | +74 29 | 8.8 | *8.9* | A2 | 1 | E | 38095i |
| 28 | 3504 | 43.8 | + 5 44 | 7.35 | *7.33* | B9 | 9 | .. | 16851b |
| 29 | *4758* | 43.8 | −14 0 | 10.2 | *11.4* | K5 | 1 | .. | 39380b |
| 30 | 13521 | 43.8 | −24 11 | 7.10 | 8.3 | Ko | 8 | .. | 39280b |
| 31 | 12127 | 43.8 | −34 17 | 9.4 | 8.3 | Ao | 3 | .. | 20081b |
| 32 | 11911 | 43.8 | −39 47 | 9.4 | 9.3 | B9 | 4 | .. | 20081b |
| 33 | 12096 | 43.8 | −41 49 | 8.7 | 8.1 | B8 | 5 | .. | 19911b |
| 34 | 8816 | 43.8 | −53 3 | 8.6 | 9.3 | Ko | 4 | .. | 37621b |
| 35 | 2098 | 43.9 | +52 31 | 7.98 | *7.98* | Ao | 2 | .. | 38015i |
| 36 | 2595 | 43.9 | +45 54 | 8.0 | *8.3* | F2 | 3 | .. | 37844i |
| 37 | 2835 | 43.9 | +28 49 | 8.3 | *9.7* | Mb | 3 | .. | 38447i |
| 38 | 4554 | 43.9 | −10 44 | 9.3 | *9.9* | Go | 4 | 5,2 | 39380b |
| 39 | 4759 | 43.9 | −13 26 | 9.8 | *11.0* | K5 | 1 | .. | 39380b |
| 40 | 4432 | 43.9 | −22 40 | 10.7 | 10.1 | A2 | 1 | .. | 39280b |
| 41 | 13523 | 43.9 | −24 51 | 10.2 | 10.4 | A3 | 1 | .. | 39280b |
| 42 | 12344 | 43.9 | −25 11 | 10.0 | 10.3 | Ko | 1 | .. | 39280b |
| 43 | 12403 | 43.9 | −26 36 | 9.7 | 9.1 | B9 | 1 | .. | 13838b |
| 44 | 12402 | 43.9 | −26 47 | 8.1 | 8.5 | F2 | 3 | .. | 13838b |
| 45 | 11936 | 43.9 | −36 7 | 10.4 | 8.9 | B9 | 2 | .. | 20081b |
| 46 | 12234 | 43.9 | −38 15 | 8.5 | 9.0 | G5 | 4 | .. | 20081b |
| 47 | 12235 | 43.9 | −38 27 | 8.0 | 7.9 | B8 | 6 | .. | 20081b |
| 48 | 2201 | 43.9 | −71 53 | *8.1* | 9.1 | Ko | 5 | .. | 21336b |
| 49 | 1277 | 43.9 | −77 49 | 6.80 | 7.5 | Ko | 8 | .. | 42633b |
| 50 | 1218 | 44.0 | +64 39 | 9.0 | *9.0* | Ao | 1 | .. | 38505i |
| 51 | 2916 | 44.0 | +42 17 | 8.3 | *9.3* | Ko | 2 | .. | 37844i |
| 52 | 3211 | 44.0 | +40 31 | 8.5 | *8.5* | A | 1 | .. | 37844i |
| 53 | 3061 | 44.0 | +30 23 | 7.91 | *9.26* | Ma | 3 | .. | 38447i |
| 54 | 2837 | 44.0 | +28 39 | 8.7 | *9.7* | Ko | 2 | .. | 38447i |
| 55 | 3499 | 44.0 | + 8 29 | 8.7 | *9.7* | Ko | 2 | .. | 16851b |
| 56 | 3505 | 44.0 | + 5 2 | 7.03 | *7.31* | Fo | 3 | .. | 38464i |
| 57 | 3495 | 44.0 | + 3 8 | 9.3 | *9.6* | F | 1 | .. | 14148b |
| 58 | 3401 | 44.0 | − 1 13 | 10.5 | *10.6* | A2 | 2 | .. | 39390b |
| 59 | 4508 | 44.0 | − 7 45 | 8.2 | *9.2* | Ko | 4 | .. | 38082b |
| 60 | 4506 | 44.0 | − 8 47 | 9.2 | *9.3* | A3 | 4 | .. | 38082b |
| 61 | 4463 | 44.0 | −11 52 | 9.2 | *9.2* | Ao | 2 | .. | 39380b |
| 62 | 4846 | 44.0 | −12 16 | 9.8 | *10.9* | K2 | 1 | .. | 39380b |
| 63 | 4624 | 44.0 | −16 8 | 9.5 | *9.5* | Ao | 3 | .. | 38062b |
| 64 | 4713 | 44.0 | −19 52 | 8.98 | 9.5 | B | 3 | R | 39280b |
| 65 | 13596 | 44.0 | −23 10 | 10.0 | 10.1 | Ao | 1 | .. | 39280b |
| 66 | 12131 | 44.0 | −34 3 | 10.7 | 9.0 | Ao | 1 | .. | 13823b |
| 67 | 11973 | 44.0 | −35 42 | 10.0 | 8.7 | B9 | 3 | .. | 20081b |
| 68 | 11937 | 44.0 | −36 55 | 10.7 | 9.0 | Go | 1 | .. | 20081b |
| 69 | 11898 | 44.0 | −40 37 | 9.8 | 9.1 | Ao | 3 | .. | 19911b |
| 70 | 12103 | 44.0 | −41 33 | 9.0 | 9.3 | Ao | 2 | .. | 19911b |
| 71 | 12091 | 44.0 | −48 9 | 9.1 | 8.7 | Ao | 6 | .. | 19938b |
| 72 | 11583 | 44.0 | −50 6 | 10.3 | 10.4 | Ko | 1 | .. | 37621b |
| 73 | 11584 | 44.0 | −50 10 | 9.10 | 9.9 | Ma | 3 | .. | 37621b |
| 74 | 7283 | 44.0 | −58 26 | 9.0 | 10.0 | G5 | 2 | .. | 17453b |
| 75 | 4155 | 44.0 | −63 56 | *7.5* | 7.5 | Ao | 9 | .. | 20144b |
| 76 | 3570 | 44.1 | +20 36 | 5.77 | *6.77* | Ko | 7 | .. | 38784i |
| 77 | 3475 | 44.1 | + 9 10 | 9.8 | *10.6* | G5 | 1 | .. | 16851b |
| 78 | 3540 | 44.1 | + 6 1 | 9.3 | *10.4* | K2 | 1 | .. | 16851b |
| 79 | 4556 | 44.1 | −10 55 | 9.2 | *9.8* | Go | 3 | .. | 39380b |
| 80 | 4928 | 44.1 | −17 17 | 8.4 | *8.4* | B8 | 5 | .. | 38062b |
| 81 | 12347 | 44.1 | −25 25 | 9.5 | 9.1 | B9 | 4 | .. | 39280b |
| 82 | 12407 | 44.1 | −26 18 | 8.0 | 8.3 | B8 | 3 | .. | 13838b |
| 83 | 11991 | 44.1 | −27 2 | 6.79 | 7.5 | A3 | 6 | .. | 13838b |
| 84 | 12133 | 44.1 | −34 25 | 10.9 | 8.9 | B9 | 3 | .. | 13823b |
| 85 | 11974 | 44.1 | −35 31 | 7.6 | 7.8 | B9 | 6 | .. | 20081b |
| 86 | 12540 | 44.1 | −42 56 | 10.3 | 9.3 | Ao | 1 | .. | 19911b |
| 87 | 12125 | 44.1 | −44 2 | 10.3 | 10.1 | A2 | 1 | .. | 17085b |
| 88 | 11950 | 44.1 | −45 55 | 9.7 | 10.2 | Ko | 1 | .. | 17085b |
| 89 | 11854 | 44.1 | −47 47 | 9.5 | 8.7 | B9 | 4 | R | 19938b |
| 90 | 12093 | 44.1 | −48 45 | 10.1 | 10.3 | Ao | 1 | .. | 19938b |
| 91 | 3511 | 44.1 | −65 52 | *9.0* | 9.5 | F8 | 2 | .. | 42525b |
| 92 | 556 | 44.2 | +79 15 | 7.18 | *7.52* | F2 | 6 | .. | 37240i |
| 93 | 3049 | 44.2 | +34 56 | 7.83 | *7.89* | A2 | 5 | .. | 37871i |
| 94 | 3050 | 44.2 | +34 19 | 6.57 | *6.40* | B3 | 10 | .. | 37871i |
| 95 | 3519 | 44.2 | + 1 14 | 8.9 | *8.9* | Ao | 3 | .. | 14148b |
| 96 | 3784 | 44.2 | + 0 20 | 9.3 | *10.1* | G5 | 3 | .. | 14148b |
| 97 | 3402 | 44.2 | − 1 24 | 9.3 | *9.7* | F5 | 4 | .. | 39390b |
| 98 | 4433 | 44.2 | −22 56 | 10.0 | 10.1 | A2 | 2 | .. | 39280b |
| 99 | 13598 | 44.2 | −23 6 | 8.1 | 7.3 | B8 | 7 | .. | 39280b |
| 100 | 13599 | 44.2 | −23 58 | 10.9 | 10.1 | F5 | 2 | .. | 39280b |



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## 162100 — $17^h\,44^m.2$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 14651 | 44.2 | −31 16 | 10.4 | 9.2 | A3 | 3 | .. | 13823b |
| 2 | 12533 | 44.2 | −33 41 | var. | var. | G5 | 5 | R | 13823b |
| 3 | 12134 | 44.2 | −34 11 | 8.7 | 8.0 | A2 | 5 | .. | 20081b |
| 4 | 11939 | 44.2 | −36 41 | 11.1 | 9.0 | B9 | 1 | .. | 20081b |
| 5 | 12242 | 44.2 | −38 7 | 11.4 | 9.6 | G5 | 1 | .. | 20081b |
| 6 | 11916 | 44.2 | −39 36 | 9.0 | 8.8 | Ao | 4 | .. | 20081b |
| 7 | 11899 | 44.2 | −40 44 | 10.9 | 9.6 | A | 1 | .. | 19911b |
| 8 | 11751 | 44.2 | −49 20 | 9.2 | 8.6 | B9 | 6 | .. | 19938b |
| 9 | 11586 | 44.2 | −50 5 | 9.23 | 10.3 | K5 | 3 | .. | 37621b |
| 10 | 8821 | 44.2 | −53 29 | 8.8 | 8.4 | Ao | 7 | .. | 19961b |
| 11 | 1400 | 44.2 | −75 13 | *9.4* | 9.4 | Ao | 4 | .. | 21336b |
| 12 | 2810 | 44.3 | +43 21 | 8.2 | *8.5* | F2 | 4 | .. | 37844i |
| 13 | 3406 | 44.3 | + 2 0 | 6.46 | *7.46* | Ko | 6 | .. | 38464i |
| 14 | 3785 | 44.3 | + 0 29 | 8.6 | *8.6* | Ao | 7 | .. | 14148b |
| 15 | 4461 | 44.3 | − 2 11 | 8.8 | *10.2* | Ma | 3 | .. | 39390b |
| 16 | 4557 | 44.3 | −10 26 | 8.7 | *9.3* | Go | 4 | 0,3 | 38082b |
| 17 | 4464 | 44.3 | −11 54 | 10.4 | *10.5* | A2 | 1 | .. | 39380b |
| 18 | 4848 | 44.3 | −12 35 | 7.99 | *8.99* | Ko | 8 | .. | 39380b |
| 19 | 13532 | 44.3 | −24 50 | 7.96 | 9.4 | K5 | 3 | .. | 39280b |
| 20 | 14067 | 44.3 | −29 15 | 8.0 | 8.0 | A2 | 7 | .. | 13823b |
| 21 | 14789 | 44.3 | −30 38 | 10.7 | 9.7 | B9 | 1 | .. | 13823b |
| 22 | 12534 | 44.3 | −33 55 | 10.4 | 9.2 | Ao | 2 | .. | 13823b |
| 23 | 11958 | 44.3 | −45 35 | 6.19 | 7.7 | G5 | 4 | .. | 4641b |
| 24 | 11587 | 44.3 | −50 9 | 9.60 | 10.3 | K5 | 1 | .. | 37621b |
| 25 | 11201 | 44.3 | −51 47 | 11.6 | 10.1 | A2 | 1 | .. | 37621b |
| 26 | 10897 | 44.3 | −52 47 | 8.6 | 9.2 | Ao | 4 | .. | 37621b |
| 27 | 7285 | 44.3 | −58 1 | 8.8 | 9.4 | B9 | 3 | .. | 17453b |
| 28 | 2125 | 44.3 | −72 17 | *8.5* | 8.8 | Fo | 6 | .. | 21336b |
| 29 | 389 | 44.4 | +84 49 | 9.0 | *9.1* | A3 | 3 | .. | 37294i |
| 30 | 791 | 44.4 | +73 30 | 7.64 | *7.64* | Ao | 5 | .. | 38095i |
| 31 | 1984 | 44.4 | +53 37 | 7.34 | *7.40* | A2 | 4 | .. | 38015i |
| 32 | 2537 | 44.4 | +47 39 | 6.34 | *6.34* | Ao | 9 | .. | 37844i |
| 33 | 2939 | 44.4 | +36 3 | 7.25 | *7.31* | A2 | 6 | .. | 37871i |
| 34 | 2892 | 44.4 | +27 6 | 8.7 | *9.1* | F5 | 1 | .. | 38447i |
| 35 | 3222 | 44.4 | +21 7 | 8.1 | *9.2* | K2 | 2 | .. | 37874i |
| 36 | 3477 | 44.4 | + 9 35 | 9.5 | *10.5* | Ko | 1 | .. | 16851b |
| 37 | 3476 | 44.4 | + 9 13 | 9.5 | *10.5* | Ko | 3 | .. | 16851b |
| 38 | 3501 | 44.4 | + 8 19 | 8.4 | *8.4* | Ao | 7 | .. | 16851b |
| 39 | 3544 | 44.4 | + 6 11 | 9.3 | *10.4* | K2 | 1 | .. | 16851b |
| 40 | 3543 | 44.4 | + 6 2 | 9.8 | *10.3* | F8 | 1 | .. | 16851b |
| 41 | 4434 | 44.4 | −22 40 | 10.0 | 10.8 | Ko | 1 | .. | 39280b |
| 42 | 14790 | 44.4 | −30 32 | 9.7 | 9.4 | A2 | 3 | .. | 13823b |
| 43 | 14791 | 44.4 | −30 56 | 7.9 | 9.2 | Ko | 4 | .. | 13823b |
| 44 | 11977 | 44.4 | −35 2 | 7.52 | 8.0 | B9 | 7 | R | 20081b |
| 45 | 11979 | 44.4 | −35 19 | 6.89 | 7.3 | B9 | 4 | .. | 5172b |
| 46 | 11942 | 44.4 | −36 35 | 11.1 | 9.2 | Ao | 1 | .. | 20081b |
| 47 | 11931 | 44.4 | −37 47 | 8.4 | 7.7 | Ao | 7 | .. | 20081b |
| 48 | 12112 | 44.4 | −41 8 | 10.7 | 9.6 | Ao | 1 | .. | 19911b |
| 49 | 11959 | 44.4 | −45 42 | 11.0 | 10.1 | Ao | 2 | .. | 17085b |
| 50 | 12097 | 44.4 | −48 6 | 10.3 | 10.1 | Ao | 2 | .. | 19938b |
| 51 | 11202 | 44.4 | −51 42 | 7.7 | 8.3 | F5 | 8 | .. | 37621b |
| 52 | 10898 | 44.4 | −52 10 | 9.2 | 9.9 | Ko | 2 | .. | 37621b |
| 53 | 8532 | 44.4 | −54 35 | *9.8* | 9.9 | A3 | 1 | .. | 37621b |
| 54 | 8468 | 44.4 | −56 8 | 6.73 | 7.5 | Ko | 8 | .. | 17453b |
| 55 | 7286 | 44.4 | −58 51 | 7.3 | 7.8 | F2 | 8 | .. | 17453b |
| 56 | 3152 | 44.4 | −66 5 | *8.0* | 9.0 | Ko | 3 | .. | 42525b |
| 57 | 2438 | 44.4 | −70 31 | *8.4* | 9.2 | G5 | 2 | .. | 42525b |
| 58 | 1227 | 44.4 | −76 58 | *8.7* | 9.2 | F8 | 3 | .. | 19008b |
| 59 | 2942 | 44.5 | +36 35 | 6.72 | *8.07* | Ma | 7 | .. | 37871i |
| 60 | 2941 | 44.5 | +36 9 | 8.1 | *8.9* | G5 | 2 | .. | 37871i |
| 61 | 3435 | 44.5 | +19 17 | 6.04 | *6.04* | Ao | 8 | .. | 38784i |
| 62 | 3510 | 44.5 | + 5 37 | 9.3 | *9.3* | Ao | 3 | .. | 16851b |
| 63 | 3786 | 44.5 | + 0 56 | 7.94 | *9.12* | K5 | 4 | .. | 14148b |
| 64 | 3365 | 44.5 | − 0 46 | 9.1 | *9.1* | Ao | 3 | .. | 14148b |
| 65 | 4780 | 44.5 | −14 12 | 8.2 | *8.2* | Ao | 5 | 0,10 | 39460b |
| 66 | 4691 | 44.5 | −15 10 | 9.8 | *10.9* | K2 | 1 | .. | 39380b |
| 67 | 13603 | 44.5 | −23 6 | 10.4 | 10.1 | F8 | 1 | .. | 39280b |
| 68 | 13411 | 44.5 | −32 58 | 8.0 | 8.6 | Bo | 4 | .. | 13823b |
| 69 | 11981 | 44.5 | −35 51 | 9.0 | 8.4 | F5 | 4 | .. | 20081b |
| 70 | 12114 | 44.5 | −41 32 | 9.0 | 8.8 | Ao | 4 | .. | 19911b |
| 71 | 12134 | 44.5 | −44 19 | 9.3 | 9.3 | Go | 4 | .. | 17085b |
| 72 | 11590 | 44.5 | −50 50 | 8.7 | 9.0 | Ao | 6 | .. | 37621b |
| 73 | 3120 | 44.6 | +29 12 | 9.1 | *10.1* | Ko | 1 | .. | 38447i |
| 74 | 3480 | 44.6 | + 9 41 | 9.8 | *10.3* | F8 | 2 | .. | 16851b |
| 75 | 3504 | 44.6 | + 8 57 | 9.5 | *9.8* | F2 | 2 | .. | 16851b |
| 76 | 3513 | 44.6 | + 5 51 | 9.1 | *9.9* | G5 | 3 | .. | 16851b |
| 77 | 3512 | 44.6 | + 5 25 | 8.7 | *8.7* | Ao | 7 | .. | 14148b |
| 78 | 3517 | 44.6 | + 4 24 | 7.6 | *7.7* | A5 | 4 | .. | 38464i |
| 79 | 4509 | 44.6 | − 8 59 | 9.5 | *10.7* | K5 | 1 | .. | 38082b |
| 80 | 4761 | 44.6 | −13 20 | 10.4 | *10.5* | A2 | 3 | .. | 39380b |
| 81 | 4781 | 44.6 | −14 15 | 10.0 | *10.4* | F5 | 1 | .. | 39380b |
| 82 | 4784 | 44.6 | −14 18 | 9.3 | *10.3* | Ko | 2 | .. | 39380b |
| 83 | 4783 | 44.6 | −14 55 | 9.8 | *10.6* | G5 | 2 | .. | 39380b |
| 84 | 4751 | 44.6 | −21 54 | 9.0 | 9.2 | Fo | 4 | .. | 39280b |
| 85 | 14799 | 44.6 | −30 57 | 7.8 | 8.2 | B9 | 7 | .. | 13823b |
| 86 | 13416 | 44.6 | −32 17 | 8.1 | 9.4 | Go | 1 | .. | 13823b |
| 87 | 12139 | 44.6 | −34 35 | 10.4 | 8.9 | Ao | 1 | .. | 20081b |
| 88 | 11936 | 44.6 | −37 26 | 8.7 | 8.9 | K2 | 3 | .. | 20081b |
| 89 | 11905 | 44.6 | −40 45 | 5.96 | 7.8 | Ma | .. | 0,9 | 28,212 |
| 90 | 12135 | 44.6 | −44 24 | 10.3 | 10.1 | A2 | 2 | .. | 17085b |
| 91 | 11864 | 44.6 | −47 15 | 10.1 | 10.2 | K5 | 1 | .. | 17085b |
| 92 | 11865 | 44.6 | −47 37 | 9.7 | 9.1 | Ao | 3 | .. | 19938b |
| 93 | 7167 | 44.6 | −59 41 | 8.0 | 8.5 | Ao | 7 | .. | 17453b |
| 94 | 3396 | 44.6 | −67 3 | *8.7* | 8.7 | Ao | 3 | .. | 42525b |
| 95 | 946 | 44.7 | +69 7 | 7.9 | *8.4* | F8 | 3 | .. | 38095i |
| 96 | 1800 | 44.7 | +57 37 | 8.4 | *9.4* | Ko | 2 | .. | 38015i |
| 97 | 2960 | 44.7 | +33 51 | 8.3 | *8.9* | Go | 2 | .. | 37871i |
| 98 | .. | 44.7 | +22 34 | var. | var. | Mc | .. | R | M |
| 99 | 3305 | 44.7 | +10 22 | 8.6 | *9.6* | Ko | 6 | .. | 16851b |
| 100 | 3500 | 44.7 | + 3 4 | 9.1 | *9.1* | Ao | 3 | .. | 14148b |



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1922AnHar..97.



## 162200 — $17^h\,44^m.7$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3403 | 44.7 | − 1 36 | 9.5 | *10.0* | F8 | 3 | .. | 39390b |
| 2 | 4693 | 44.7 | −15 56 | 8.2 | *9.3* | K2 | 2 | .. | 38062b |
| 3 | 4657 | 44.7 | −18 53 | 8.6 | *9.7* | K2 | 3 | .. | 38062b |
| 4 | 13690 | 44.7 | −28 39 | 8.9 | 9.4 | Ko | 2 | .. | 13823b |
| 5 | 12141 | 44.7 | −34 48 | 10.4 | 8.9 | B9 | 3 | .. | 20081b |
| 6 | 10900 | 44.7 | −52 27 | 8.0 | 8.0 | B9 | 7 | .. | 37621b |
| 7 | 8824 | 44.7 | −53 13 | *9.5* | 10.5 | Ko | 1 | .. | 37621b |
| 8 | 3214 | 44.8 | +40 0 | 7.52 | *7.52* | Ao | 5 | 0,4 | 37844i |
| 9 | 3006 | 44.8 | +38 16 | 7.71 | *8.27* | Go | 3 | .. | 37871i |
| 10 | 3121 | 44.8 | +29 14 | 9.3 | *9.8* | F8 | 1 | .. | 38447i |
| 11 | 3353 | 44.8 | +25 39 | 5.34 | *6.34* | Ko | 9 | .. | 38447i |
| 12 | 3501 | 44.8 | + 3 0 | 8.1 | *9.3* | K5 | 3 | .. | 14148b |
| 13 | 3520 | 44.8 | + 1 47 | 8.9 | *9.0* | A2 | 4 | .. | 14148b |
| 14 | 4661 | 44.8 | − 6 40 | Nov. | Nov. | Ocp | .. | R | **76,29** |
| 15 | 4660 | 44.8 | − 6 46 | 9.5 | *10.5* | Ko | 3 | .. | 38082b |
| 16 | 4851 | 44.8 | −12 8 | 8.0 | *8.3* | Fo | 4 | .. | 39460b |
| 17 | 4694 | 44.8 | −15 24 | 10.2 | *10.2* | Ao | 3 | .. | 39380b |
| 18 | 4435 | 44.8 | −22 38 | 10.0 | 10.1 | Ko | 2 | .. | 39280b |
| 19 | 12358 | 44.8 | −25 17 | 10.9 | 10.2 | Ao | 1 | .. | 39280b |
| 20 | 14802 | 44.8 | −30 32 | 6.51 | 6.3 | Ao | 7 | .. | 13838b |
| 21 | 12541 | 44.8 | −33 28 | 10.0 | 10.0 | Ao | 1 | .. | 13823b |
| 22 | 12540 | 44.8 | −33 49 | 8.4 | 8.2 | Ao | 6 | .. | 13823b |
| 23 | 12144 | 44.8 | −34 31 | 9.4 | 8.6 | A3 | 3 | .. | 20081b |
| 24 | *12143* | 44.8 | −35 1 | 9.08 | 8.6 | Ao | 3 | .. | 20081b |
| 25 | 11910 | 44.8 | −40 43 | 9.3 | 8.8 | B9 | 4 | .. | 19911b |
| 26 | 12082 | 44.8 | −43 32 | 9.3 | 10.1 | K2 | 2 | .. | 17085b |
| 27 | 2207 | 44.8 | −71 34 | *9.1* | 9.5 | F5 | 3 | .. | 21336b |
| 28 | 2020 | 44.9 | +56 11 | 8.6 | *8.7* | A2 | 2 | .. | 38015i |
| 29 | 2919 | 44.9 | +42 36 | 8.20 | *9.20* | Ko | 3 | .. | 37844i |
| 30 | 3215 | 44.9 | +40 36 | 7.73 | *7.81* | A3 | 4 | .. | 37844i |
| 31 | 3575 | 44.9 | +20 13 | 7.7 | *8.7* | Ko | 1 | .. | 38473i |
| 32 | 3789 | 44.9 | + 0 33 | 8.5 | *9.3* | G5 | 5 | .. | 14148b |
| 33 | 4181 | 44.9 | − 3 11 | 9.8 | *9.8* | Ao | 2 | .. | 39390b |
| 34 | 4852 | 44.9 | −12 54 | 9.5 | *9.5* | Ao | 5 | .. | 39380b |
| 35 | .. | 44.9 | −14 39 | .. | .. | Ao | 2 | .. | 39380b |
| 36 | 12009 | 44.9 | −27 22 | 8.9 | 9.4 | Go | 1 | .. | 13838b |
| 37 | 12010 | 44.9 | −27 49 | 8.5 | 8.3 | B9 | 3 | .. | 13838b |
| 38 | 12543 | 44.9 | −33 59 | 8.27 | 9.4 | Ko | 2 | .. | 13823b |
| 39 | 11951 | 44.9 | −36 6 | 9.0 | 8.6 | A2 | 4 | .. | 20081b |
| 40 | 11952 | 44.9 | −36 27 | 7.5 | 7.8 | Ko | 7 | .. | 20081b |
| 41 | 12251 | 44.9 | −38 10 | 10.4 | 9.3 | B9 | 1 | .. | 20081b |
| 42 | 11914 | 44.9 | −40 21 | 10.0 | 9.3 | Ao | 2 | .. | 19911b |
| 43 | 12085 | 44.9 | −43 11 | 7.9 | 8.4 | B9 | 7 | .. | 19911b |
| 44 | 11904 | 44.9 | −46 47 | 10.6 | 9.1 | Ao | 5 | .. | 17085b |
| 45 | 11761 | 44.9 | −49 43 | 10.6 | 9.8 | A2 | 2 | .. | 19938b |
| 46 | 8775 | 44.9 | −57 56 | 8.7 | 8.8 | Ao | 4 | .. | 17453b |
| 47 | 3122 | 45.0 | +29 10 | 9.1 | *9.1* | Ao | 3 | .. | 38447i |
| 48 | 3547 | 45.0 | + 6 15 | 9.3 | *10.4* | K2 | 3 | .. | 16851b |
| 49 | 3366 | 45.0 | − 0 39 | 7.9 | *7.9* | B8 | 7 | .. | 14148b |
| 50 | 4466 | 45.0 | −11 46 | 9.3 | *9.9* | Go | 2 | .. | 39380b |
| 51 | 4788 | 45.0 | −14 18 | 9.2 | *10.2* | Ko | 4 | .. | 39380b |
| 52 | 4786 | 45.0 | −14 32 | 10.7 | *11.3* | Go | 1 | .. | 39380b |
| 53 | 4696 | 45.0 | −15 32 | 10.7 | *11.2* | F8 | 1 | .. | 39380b |
| 54 | 4629 | 45.0 | −16 7 | 8.2 | *8.3* | A2 | 6 | .. | 38062b |
| 55 | 4436 | 45.0 | −22 54 | 7.07 | 7.6 | Go | 8 | .. | 39280b |
| 56 | 13609 | 45.0 | −23 57 | 9.7 | 10.1 | Go | 2 | .. | 39280b |
| 57 | 14081 | 45.0 | −29 57 | 9.7 | 9.2 | A2 | 3 | .. | 13823b |
| 58 | 12254 | 45.0 | −38 9 | 9.4 | 9.0 | Ao | 2 | .. | 20081b |
| 59 | 12110 | 45.0 | −48 54 | 9.5 | 10.4 | Ko | 1 | .. | 19938b |
| 60 | 8826 | 45.0 | −53 56 | 9.0 | 10.2 | K5 | 1 | .. | 37621b |
| 61 | 2772 | 45.1 | +44 8 | 7.80 | *8.58* | G5 | 4 | .. | 37844i |
| 62 | 3407 | 45.1 | + 2 16 | 8.1 | *8.5* | F5 | 5 | .. | 14148b |
| 63 | 4510 | 45.1 | − 7 15 | 8.8 | *9.3* | F8 | 5 | .. | 38082b |
| 64 | 4932 | 45.1 | −17 13 | 8.28 | *8.28* | Ao | 6 | .. | 38062b |
| 65 | 4887 | 45.1 | −20 14 | 9.5 | 9.8 | A2 | 2 | .. | 38062b |
| 66 | 13544 | 45.1 | −24 30 | 8.9 | 9.1 | Ao | 6 | .. | 39280b |
| 67 | 12363 | 45.1 | −25 3 | 9.60 | 9.5 | A2 | 3 | .. | 39280b |
| 68 | 12362 | 45.1 | −25 45 | 11.2 | 9.9 | B9 | 2 | .. | 39280b |
| 69 | 12435 | 45.1 | −26 12 | 10.7 | 9.7 | Ao | 3 | .. | 39280b |
| 70 | 12434 | 45.1 | −26 50 | 10.4 | 9.5 | B9 | 3 | .. | 39280b |
| 71 | 14820 | 45.1 | −30 16 | 8.9 | 8.8 | B8 | 5 | .. | 13823b |
| 72 | 14689 | 45.1 | −31 24 | 7.5 | 8.8 | Ko | 6 | .. | 13823b |
| 73 | *14687* | 45.1 | −32 0 | 8.9 | 9.1 | B5 | 2 | .. | 13823b |
| 74 | 12147 | 45.1 | −34 10 | 10.7 | 8.9 | B8 | 2 | .. | 13823b |
| 75 | 11989 | 45.1 | −35 32 | 10.4 | 8.9 | A2 | 2 | .. | 20081b |
| 76 | 12089 | 45.1 | −43 35 | 9.5 | 9.3 | Ao | 7 | .. | 17085b |
| 77 | 12111 | 45.1 | −48 11 | 9.9 | 10.1 | B9 | 2 | .. | 19938b |
| 78 | 11765 | 45.1 | −49 24 | 8.6 | 9.8 | Ko | 2 | .. | 19938b |
| 79 | 1803 | 45.2 | +57 30 | 9.6 | *9.6* | A | 1 | .. | 38015i |
| 80 | 3263 | 45.2 | +24 13 | 8.5 | *8.6* | A2 | 3 | .. | 38447i |
| 81 | 3300 | 45.2 | +12 48 | 8.9 | *9.7* | G5 | 2 | .. | 38781i |
| 82 | 3518 | 45.2 | + 5 43 | 10.1 | *10.1* | Ao | 3 | .. | 16851b |
| 83 | 4663 | 45.2 | − 6 1 | 10.2 | *11.4* | K5 | 1 | .. | 38082b |
| 84 | 13428 | 45.2 | −32 15 | 10.0 | 10.4 | A2 | 1 | .. | 13823b |
| 85 | 12152 | 45.2 | −34 31 | 9.0 | 8.3 | A2 | 5 | .. | 20081b |
| 86 | 11991 | 45.2 | −35 5 | 10.7 | 8.9 | Ao | 2 | .. | 20081b |
| 87 | 11992 | 45.2 | −35 21 | 7.22 | 7.4 | B9 | 9 | .. | 20081b |
| 88 | 12255 | 45.2 | −38 14 | 8.7 | 8.8 | G5 | 3 | .. | 20081b |
| 89 | 12257 | 45.2 | −38 36 | 10.0 | 8.5 | B5 | 5 | .. | 20081b |
| 90 | 12127 | 45.2 | −41 28 | 10.0 | 9.3 | A2 | 2 | .. | 19911b |
| 91 | 12143 | 45.2 | −44 22 | 9.1 | 8.8 | B9 | 7 | .. | 17085b |
| 92 | 11871 | 45.2 | −47 4 | 9.3 | 10.1 | K5 | 1 | .. | 17085b |
| 93 | 11605 | 45.2 | −50 15 | 9.5 | 10.1 | Go | 3 | .. | 37621b |
| 94 | 11606 | 45.2 | −50 48 | 8.6 | 8.9 | Ao | 7 | .. | 37621b |
| 95 | 11604 | 45.2 | −50 56 | 9.3 | 9.5 | F8 | 4 | .. | 37621b |
| 96 | 8777 | 45.2 | −57 58 | 8.7 | 9.6 | Ko | 2 | .. | 17453b |
| 97 | 7288 | 45.2 | −58 15 | 7.7 | 8.3 | Ao | 9 | .. | 17453b |
| 98 | 1152 | 45.2 | −78 22 | *8.0* | 9.2 | K5 | 4 | .. | 42633b |
| 99 | 2541 | 45.3 | +47 37 | 7.06 | *8.06* | Ko | 4 | .. | 37844i |
| 100 | 3578 | 45.3 | +20 40 | 7.62 | *8.80* | K5 | 1 | .. | 38784i |



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1922AnHar..97....1C



## 162300 — $17^h\,45^m.3$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3549 | 45.3 | + 6 51 | 9.8 | *10.1* | Fo | 3 | .. | 16851b |
| 2 | 3505 | 45.3 | + 3 55 | 8.6 | *8.7* | A2 | 7 | .. | 14148b |
| 3 | 4467 | 45.3 | −11 59 | 10.8 | *10.9* | A2 | 2 | .. | 39380b |
| 4 | 4888 | 45.3 | −20 56 | 9.2 | 9.8 | G5 | 2 | .. | 39280b |
| 5 | 12154 | 45.3 | −34 46 | 8.4 | 10.1 | Ao | 7 | .. | 20081b |
| 6 | 11994 | 45.3 | −35 4 | 8.77 | 8.3 | B9 | 4 | .. | 20081b |
| 7 | 11945 | 45.3 | −37 32 | 10.9 | 8.9 | B8 | 4 | .. | 20081b |
| 8 | 11946 | 45.3 | −37 48 | 10.4 | 8.9 | B8 | 3 | .. | 20081b |
| 9 | 11941 | 45.3 | −39 8 | 8.4 | 9.0 | K2 | 4 | .. | 20081b |
| 10 | 11873 | 45.3 | −47 37 | 10.6 | 9.9 | Ao | 1 | .. | 19938b |
| 11 | 11872 | 45.3 | −47 51 | 9.3 | 9.0 | B9 | 4 | .. | 19938b |
| 12 | 8536 | 45.3 | −54 45 | *9.2* | 10.2 | Ko | 1 | .. | 37621b |
| 13 | 8535 | 45.3 | −54 49 | *9.1* | 10.2 | K2 | 1 | .. | 37621b |
| 14 | 4170 | 45.3 | −63 15 | *7.5* | 8.6 | K2 | 5 | .. | 20144b |
| 15 | 2211 | 45.3 | −71 49 | *8.9* | 9.4 | F8 | 3 | .. | 21336b |
| 16 | 1401 | 45.3 | −75 47 | *9.4* | 9.5 | A3 | 2 | .. | 19008b |
| 17 | 1755 | 45.4 | +58 40 | 8.4 | *9.5* | K2 | 1 | .. | 38015i |
| 18 | 3579 | 45.4 | +20 57 | 7.73 | *8.80* | K2 | 1 | .. | 38784i |
| 19 | 3485 | 45.4 | + 9 53 | 6.79 | *7.97* | K5 | 6 | .. | 38781i |
| 20 | 3506 | 45.4 | + 8 15 | 9.5 | *10.1* | Go | 3 | .. | 16851b |
| 21 | 3478 | 45.4 | + 7 30 | 9.8 | *9.9* | A2 | 1 | R | 16851b |
| 22 | 3522 | 45.4 | + 4 6 | 9.1 | *9.5* | F5 | 3 | .. | 14148b |
| 23 | 3523 | 45.4 | + 1 37 | 8.4 | *8.5* | A2 | 2 | .. | 38464i |
| 24 | 4509 | 45.4 | − 5 18 | 8.4 | *8.5* | A3 | 7 | .. | 24207b |
| 25 | 4469 | 45.4 | −11 50 | 10.8 | *10.8* | Ao | 1 | .. | 39380b |
| 26 | 4853 | 45.4 | −12 20 | 10.8 | *10.8* | Ao | 1 | .. | 39380b |
| 27 | 4697 | 45.4 | −15 15 | 10.7 | *10.7* | Ao | 1 | .. | 39380b |
| 28 | 4659 | 45.4 | −18 31 | 9.5 | *9.5* | A | 2 | .. | 38062b |
| 29 | 12371 | 45.4 | −25 47 | 11.4 | 9.7 | Ao | 3 | .. | 39280b |
| 30 | 11947 | 45.4 | −37 6 | 9.6 | 9.2 | Ma | 1 | .. | 20081b |
| 31 | 12260 | 45.4 | −38 14 | 10.0 | 9.6 | Fo | 1 | .. | 20081b |
| 32 | 11922 | 45.4 | −40 11 | 9.0 | 9.0 | G5 | 2 | .. | 19911b |
| 33 | 11912 | 45.4 | −46 6 | 9.2 | 8.4 | A2 | 8 | .. | 17085b |
| 34 | 11913 | 45.4 | −46 19 | 10.1 | 10.1 | Ko | 1 | .. | 17085b |
| 35 | 12116 | 45.4 | −48 5 | 9.7 | 10.3 | G5 | 1 | .. | 19938b |
| 36 | 8537 | 45.4 | −54 28 | *10.4* | 10.4 | Ao | 1 | .. | 37621b |
| 37 | 799 | 45.4 | −81 29 | 6.32 | 8.5 | K2 | 7 | .. | 43458b |
| 38 | 2949 | 45.5 | +37 5 | 7.09 | *7.65* | Go | 7 | .. | 37871i |
| 39 | 3526 | 45.5 | + 4 45 | 9.8 | *9.8* | Ao | 2 | .. | 14148b |
| 40 | 3411 | 45.5 | + 2 6 | 9.1 | *9.1* | Ao | 4 | .. | 14148b |
| 41 | 4631 | 45.5 | −16 23 | 9.2 | *9.8* | Go | 2 | .. | 38062b |
| 42 | 4437 | 45.5 | −22 27 | 10.2 | 10.1 | A2 | 2 | .. | 39280b |
| 43 | 13617 | 45.5 | −23 39 | 7.17 | 7.2 | F8 | 8 | .. | 39280b |
| 44 | 12444 | 45.5 | −26 51 | 8.7 | 9.7 | K5 | 2 | .. | 39280b |
| 45 | 14831 | 45.5 | −30 29 | 10.0 | 8.9 | B8 | 3 | .. | 13823b |
| 46 | 14830 | 45.5 | −30 35 | 9.0 | 9.1 | B8 | 3 | .. | 13823b |
| 47 | 13433 | 45.5 | −32 2 | 9.3 | 9.7 | G5 | 1 | .. | 13823b |
| 48 | 12158 | 45.5 | −34 38 | 10.7 | 8.7 | Ao | 3 | .. | 20081b |
| 49 | 12162 | 45.5 | −34 59 | 8.38 | 8.3 | Ao | 5 | .. | 20081b |
| 50 | 11958 | 45.5 | −36 22 | 9.4 | 8.3 | B8 | 5 | .. | 20081b |
| 51 | 11960 | 45.5 | −36 40 | 9.1 | 8.1 | Ao | 5 | .. | 20081b |
| 52 | 11948 | 45.5 | −37 43 | 9.0 | 8.1 | Ao | 6 | .. | 20081b |
| 53 | 11949 | 45.5 | −37 53 | 9.0 | 8.9 | Ko | 2 | .. | 20081b |
| 54 | 11950 | 45.5 | −37 55 | 8.7 | 8.3 | B9 | 4 | .. | 20081b |
| 55 | 12263 | 45.5 | −38 37 | 10.9 | 9.0 | B8 | 2 | .. | 20081b |
| 56 | 12264 | 45.5 | −38 51 | 8.4 | 7.9 | B5 | 5 | .. | 20081b |
| 57 | 12094 | 45.5 | −43 12 | 10.1 | 9.6 | Ao | 3 | .. | 19911b |
| 58 | 12120 | 45.5 | −48 56 | 9.7 | 10.1 | F8 | 2 | .. | 19938b |
| 59 | 11220 | 45.5 | −51 14 | 10.1 | 9.5 | A3 | 2 | .. | 37621b |
| 60 | 11218 | 45.5 | −51 26 | 9.5 | 9.8 | K2 | 2 | .. | 37621b |
| 61 | 8832 | 45.5 | −53 24 | 7.8 | 8.4 | Ko | 6 | .. | 37621b |
| 62 | 8349 | 45.5 | −55 17 | *9.6* | 9.6 | Ao | 1 | .. | 17453b |
| 63 | 1843 | 45.6 | +59 18 | 7.80 | *8.80* | Ko | 3 | .. | 38505i |
| 64 | 3228 | 45.6 | +21 25 | 8.5 | *9.0* | F8 | 1 | .. | 38784i |
| 65 | 3285 | 45.6 | +15 32 | 7.7 | *7.6* | B5 | 3 | .. | 38473i |
| 66 | 3480 | 45.6 | + 7 26 | 8.9 | *9.9* | Ko | 1 | .. | 16851b |
| 67 | 3527 | 45.6 | + 4 5 | 8.7 | *9.5* | G5 | 2 | .. | 14148b |
| 68 | 3407 | 45.6 | − 1 23 | 9.5 | *9.5* | Ao | 3 | .. | 14148b |
| 69 | 4664 | 45.6 | − 6 52 | 9.2 | *9.8* | Go | 4 | .. | 38082b |
| 70 | 4767 | 45.6 | −13 9 | 9.0 | *9.6* | Go | 5 | .. | 39380b |
| 71 | 4765 | 45.6 | −13 56 | 8.8 | *8.9* | A2 | 8 | .. | 39380b |
| 72 | 13718 | 45.6 | −28 37 | 8.5 | 7.9 | B9 | 4 | .. | 13838b |
| 73 | 14707 | 45.6 | −31 20 | 10.4 | 8.8 | Ao | 6 | .. | 13823b |
| 74 | 12165 | 45.6 | −34 47 | 5.97 | 6.4 | B8 | .. | 0,8 | 56,141 |
| 75 | 11961 | 45.6 | −36 50 | 10.9 | 9.2 | Ao | 1 | .. | 20081b |
| 76 | 11926 | 45.6 | −40 4 | 9.13 | 9.0 | B8 | 3 | .. | 19911b |
| 77 | 12123 | 45.6 | −48 25 | 10.1 | 10.4 | Ko | 1 | .. | 19938b |
| 78 | 11608 | 45.6 | −50 52 | 8.9 | 9.2 | F2 | 5 | .. | 37621b |
| 79 | 11222 | 45.6 | −51 44 | 9.5 | 8.7 | A2 | 5 | .. | 37621b |
| 80 | 8479 | 45.6 | −56 47 | 9.2 | 9.3 | Ko | 2 | .. | 17453b |
| 81 | 7289 | 45.6 | −58 54 | 7.1 | 7.3 | B9 | 9 | .. | 17453b |
| 82 | 2773 | 45.7 | +44 53 | 8.27 | *8.83* | Go | 3 | .. | 37844i |
| 83 | 2962 | 45.7 | +33 14 | 8.7 | *9.1* | F5 | 3 | .. | 37871i |
| 84 | 3222 | 45.7 | +22 14 | 8.5 | *8.5* | Ao | 1 | .. | 38784i |
| 85 | 3580 | 45.7 | +20 53 | 7.64 | *8.82* | K5 | 1 | .. | 38784i |
| 86 | 3507 | 45.7 | + 8 58 | 9.5 | *10.3* | G5 | 1 | .. | 16851b |
| 87 | 3530 | 45.7 | + 4 27 | 9.1 | *10.3* | K5 | 1 | .. | 14148b |
| 88 | 4660 | 45.7 | −18 42 | 8.8 | *9.8* | Ko | 4 | .. | 38062b |
| 89 | 12375 | 45.7 | −25 45 | 7.8 | 8.8 | Ko | 3 | .. | 13838b |
| 90 | 14095 | 45.7 | −29 37 | 10.4 | 10.6 | Ma | .. | .. | M |
| 91 | 12170 | 45.7 | −34 24 | 5.84 | 7.3 | Ko | .. | 0,10 | 56,141 |
| 92 | 12169 | 45.7 | −34 36 | 10.9 | 8.6 | Ao | 4 | .. | 20081b |
| 93 | 12168 | 45.7 | −34 57 | 8.38 | 8.1 | Ao | 6 | .. | 20081b |
| 94 | 12268 | 45.7 | −38 21 | 9.4 | 8.7 | B5 | 4 | .. | 20081b |
| 95 | 12269 | 45.7 | −38 46 | 10.9 | 8.7 | A3 | 4 | .. | 20081b |
| 96 | 12139 | 45.7 | −41 58 | 6.35 | 7.1 | F8 | 9 | .. | 19911b |
| 97 | 11225 | 45.7 | −51 32 | 10.6 | 9.9 | A5 | 2 | .. | 37621b |
| 98 | 11224 | 45.7 | −51 39 | var. | var. | Md | 1 | R | 37621b |
| 99 | 3404 | 45.7 | −67 14 | *7.7* | 8.7 | Ko | 3 | .. | 42525b |
| 100 | 3405 | 45.7 | −67 35 | *9.3* | 9.3 | Ao | 1 | .. | 42525b |



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## 162400

## $17^h\,45^m.7$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 2215 | 45.7 | −71 5 | 7.8 | 8.8 | Ko | 5 | .. | 42525b |
| 2 | 642 | 45.7 | −83 8 | 8.5 | 9.0 | F8 | 3 | .. | 14161b |
| 3 | 2542 | 45.8 | +47 47 | 8.6 | 9.6 | Ko | 2 | .. | 38778i |
| 4 | 3488 | 45.8 | + 9 35 | 7.47 | 7.47 | Ao | 7 | .. | 38781i |
| 5 | 3481 | 45.8 | + 7 15 | 7.7 | 8.0 | F2 | 4 | .. | 38781i |
| 6 | 4469 | 45.8 | − 2 50 | 9.5 | 10.0 | F8 | 2 | .. | 39390b |
| 7 | 4513 | 45.8 | − 8 18 | 9.3 | 9.7 | F5 | 1 | .. | 38082b |
| 8 | 4855 | 45.8 | −12 24 | 9.2 | 10.0 | G5 | 3 | .. | 39380b |
| 9 | 4791 | 45.8 | −14 15 | 10.0 | 10.0 | Ao | 3 | .. | 39380b |
| 10 | 4790 | 45.8 | −14 42 | 9.8 | 11.0 | K5 | 2 | .. | 39380b |
| 11 | 4699 | 45.8 | −15 27 | 9.0 | 9.8 | G5 | 4 | .. | 38062b |
| 12 | 4723 | 45.8 | −19 45 | 8.2 | 8.4 | G5 | 5 | .. | 39280b |
| 13 | 12379 | 45.8 | −25 46 | 10.2 | 9.7 | F8 | 2 | .. | 39280b |
| 14 | 12450 | 45.8 | −26 16 | 11.2 | 9.7 | Ao | 2 | .. | 39280b |
| 15 | 14712 | 45.8 | −31 19 | 6.99 | 8.5 | K5 | 7 | .. | 13823b |
| 16 | 12172 | 45.8 | −34 50 | 10.7 | 8.4 | A5 | 4 | .. | 20081b |
| 17 | 11964 | 45.8 | −36 35 | 10.4 | 9.3 | A5 | 1 | .. | 20081b |
| 18 | 12271 | 45.8 | −38 37 | 7.6 | 7.5 | B8 | 7 | .. | 20081b |
| 19 | 11929 | 45.8 | −40 35 | 9.4 | 9.3 | B9 | 2 | .. | 19911b |
| 20 | 12099 | 45.8 | −43 23 | 9.5 | 9.9 | Ko | 3 | .. | 17085b |
| 21 | 11982 | 45.8 | −45 45 | 9.1 | 9.3 | Ko | 4 | .. | 17085b |
| 22 | 6961 | 45.8 | −60 13 | 9.0 | 9.2 | F8 | 4 | .. | 20144b |
| 23 | 2216 | 45.8 | −71 14 | 8.8 | 9.4 | Go | 4 | .. | 21336b |
| 24 | 557 | 45.9 | +79 12 | 8.2 | 8.5 | F2 | 2 | .. | 37240i |
| 25 | 2573 | 45.9 | +48 53 | 8.8 | 9.4 | Go | 1 | .. | 38778i |
| 26 | 2923 | 45.9 | +42 25 | 8.2 | 9.2 | Ko | 3 | .. | 37844i |
| 27 | 3055 | 45.9 | +34 39 | 8.6 | 9.0 | F5 | 2 | .. | 37871i |
| 28 | 3264 | 45.9 | +24 29 | 7.01 | 7.01 | Ao | 6 | .. | 38447i |
| 29 | 3482 | 45.9 | + 7 57 | 9.1 | 9.2 | A2 | 6 | .. | 16851b |
| 30 | 3483 | 45.9 | + 7 57 | 9.8 | 9.9 | A5 | 2 | .. | 16851b |
| 31 | 4360 | 45.9 | − 4 10 | 9.0 | 9.1 | A2 | 4 | .. | 39390b |
| 32 | 4514 | 45.9 | − 8 31 | 10.2 | 11.0 | G5 | 1 | .. | 38082b |
| 33 | 4792 | 45.9 | −14 15 | 9.2 | 9.2 | Ao | 7 | .. | 39380b |
| 34 | 4725 | 45.9 | −19 30 | 6.88 | 7.1 | Fo | 10 | .. | 39280b |
| 35 | 4760 | 45.9 | −21 2 | 8.6 | 8.9 | G5 | 3 | .. | 39280b |
| 36 | 13554 | 45.9 | −24 50 | 10.2 | 9.7 | B9 | 2 | .. | 39280b |
| 37 | 12453 | 45.9 | −26 53 | 8.1 | 8.6 | B8 | 3 | .. | 13838b |
| 38 | 13735 | 45.9 | −28 28 | 8.5 | 8.6 | G5 | 2 | .. | 13838b |
| 39 | 13731 | 45.9 | −28 46 | 9.2 | 9.1 | A2 | 1 | .. | 13838b |
| 40 | 11950 | 45.9 | −39 35 | 8.7 | 8.4 | B5 | 5 | .. | 20081b |
| 41 | 12141 | 45.9 | −41 16 | 10.4 | 9.6 | F8 | 1 | .. | 19911b |
| 42 | 12142 | 45.9 | −41 31 | 9.0 | 9.1 | Fo | 3 | .. | 19911b |
| 43 | 11983 | 45.9 | −45 25 | 10.3 | 9.9 | Ao | 2 | .. | 17085b |
| 44 | 11920 | 45.9 | −46 49 | 8.7 | 9.3 | Ko | 4 | .. | 17085b |
| 45 | 11883 | 45.9 | −47 15 | 11.6 | 9.9 | F5 | 2 | .. | 17085b |
| 46 | 11614 | 45.9 | −50 1 | 9.1 | 9.8 | Fo | 5 | o,4- | 37621b |
| 47 | 2445 | 45.9 | −70 9 | 8.70 | 8.8 | Ao | 4 | .. | 42525b |
| 48 | 3552 | 46.0 | + 6 9 | 9.1 | 10.2 | K2 | 1 | .. | 16851b |
| 49 | 4666 | 46.0 | − 6 52 | 9.8 | 9.8 | Ao | 4 | .. | 38082b |
| 50 | 4857 | 46.0 | −12 28 | 10.0 | 11.0 | Ko | 1 | .. | 39380b |
| 51 | 4768 | 46.0 | −13 56 | 9.0 | 9.0 | Ao | 5 | .. | 39380b |
| 52 | 4794 | 46.0 | −14 41 | 9.5 | 10.3 | G5 | 2 | .. | 39380b |
| 53 | 4891 | 46.0 | −20 25 | 8.8 | 9.0 | G5 | 3 | .. | 39280b |
| 54 | 12041 | 46.0 | −27 21 | 9.3 | 10.4 | A3 | 1 | .. | 13838b |
| 55 | 14103 | 46.0 | −29 5 | 9.7 | 9.4 | Ao | 1 | .. | 13823b |
| 56 | 12177 | 46.0 | −34 19 | 9.3 | 8.4 | Ao | 5 | .. | 20081b |
| 57 | 12179 | 46.0 | −34 55 | 9.0 | 7.8 | Ao | 5 | .. | 20081b |
| 58 | 12007 | 46.0 | −35 30 | 10.0 | 8.7 | A3 | 2 | .. | 20081b |
| 59 | 11970 | 46.0 | −36 13 | 10.9 | 9.3 | Fo | 1 | .. | 20081b |
| 60 | 11954 | 46.0 | −39 40 | 10.0 | 9.6 | B8 | 2 | .. | 20081b |
| 61 | 11613 | 46.0 | −50 38 | 10.6 | 10.7 | Ko | 1 | .. | 37621b |
| 62 | 7173 | 46.0 | −59 43 | 8.5 | 9.8 | F8 | 1 | .. | 17453b |
| 63 | 6962 | 46.0 | −60 15 | 8.7 | 8.9 | B9 | 6 | .. | 20144b |
| 64 | 5742 | 46.0 | −62 59 | 8.8 | 9.2 | F5 | 3 | .. | 20144b |
| 65 | 640 | 46.1 | +75 35 | 7.92 | 8.99 | K2 | 2 | .. | 38095i |
| 66 | 955 | 46.1 | +70 28 | 8.6 | 9.4 | G5 | 1 | .. | 38095i |
| 67 | 3100 | 46.1 | +31 4 | 7.8 | 8.1 | Fo | 5 | .. | 38447i |
| 68 | 3305 | 46.1 | +11 59 | 6.35 | 7.42 | K2 | 8 | .. | 38781i |
| 69 | 3508 | 46.1 | + 8 3 | 9.8 | 9.9 | A3 | 3 | .. | 16851b |
| 70 | 3553 | 46.1 | + 6 48 | 8.6 | 8.6 | Ao | 7 | .. | 16851b |
| 71 | 3520 | 46.1 | + 5 56 | 9.1 | 9.6 | F8 | 5 | .. | 16851b |
| 72 | 3409 | 46.1 | − 1 29 | 10.1 | 10.1 | Ao | 2 | .. | 39390b |
| 73 | 4770 | 46.1 | −13 35 | 9.8 | 9.8 | Ao | 4 | .. | 39380b |
| 74 | 4893 | 46.1 | −20 10 | 9.38 | 9.8 | A2 | 3 | .. | 39280b |
| 75 | 12461 | 46.1 | −26 35 | 10.9 | 9.9 | Ao | 1 | .. | 39280b |
| 76 | 14104 | 46.1 | −29 32 | 8.7 | 8.5 | A2 | 7 | .. | 13823b |
| 77 | 14842 | 46.1 | −30 12 | 8.0 | 8.6 | F5 | 6 | .. | 13823b |
| 78 | 12183 | 46.1 | −34 30 | 10.0 | 9.0 | A2 | 2 | .. | 20081b |
| 79 | 11955 | 46.1 | −39 15 | 9.4 | 9.0 | A3 | 4 | .. | 20081b |
| 80 | 12574 | 46.1 | −42 14 | 9.5 | 9.0 | Fo | 2 | .. | 19911b |
| 81 | 8355 | 46.1 | −55 37 | 9.2 | 10.4 | K5 | 1 | .. | 37621b |
| 82 | 840 | 46.1 | −80 37 | 8.7 | 9.5 | G5 | 3 | .. | 43458b |
| 83 | 807 | 46.2 | +72 40 | 7.43 | 8.61 | K5 | 2 | .. | 38095i |
| 84 | 2953 | 46.2 | +36 26 | 7.9 | 8.0 | A5 | 3 | .. | 37871i |
| 85 | 3357 | 46.2 | +25 19 | 6.57 | 6.63 | A2 | 8 | .. | 38447i |
| 86 | 3521 | 46.2 | + 5 16 | 7.16 | 8.34 | K5 | 3 | .. | 38464i |
| 87 | 4472 | 46.2 | − 2 16 | 10.2 | 10.2 | Ao | 2 | .. | 39390b |
| 88 | 4667 | 46.2 | − 6 50 | 8.4 | 9.6 | K5 | 2 | .. | 24207b |
| 89 | .. | 46.2 | −13 49 | .. | .. | A2 | 1 | .. | 39380b |
| 90 | 4796 | 46.2 | −14 30 | 9.8 | 10.8 | Ko | 2 | .. | 39380b |
| 91 | 4702 | 46.2 | −15 28 | 9.5 | 10.3 | G5 | 2 | .. | 38062b |
| 92 | 4441 | 46.2 | −22 39 | 7.24 | 7.5 | A2 | 8 | .. | 39280b |
| 93 | 14106 | 46.2 | −29 36 | 10.0 | 9.7 | A | 1 | .. | 13823b |
| 94 | 14720 | 46.2 | −31 37 | 9.3 | 8.5 | B8 | 6 | .. | 13823b |
| 95 | 12567 | 46.2 | −33 50 | 9.1 | 9.9 | G5 | 1 | .. | 13823b |
| 96 | 12186 | 46.2 | −34 6 | 6.12 | 7.3 | Ko | 9 | .. | 20081b |
| 97 | 10908 | 46.2 | −52 32 | 8.8 | 9.9 | K2 | 3 | .. | 37621b |
| 98 | 8837 | 46.2 | −54 53 | 9.6 | 9.7 | A2 | 2 | .. | 37621b |
| 99 | 8356 | 46.2 | −55 25 | 9.2 | 9.3 | A2 | 2 | .. | 17453b |
| 100 | 2576 | 46.3 | +48 51 | 7.58 | 8.65 | K2 | 3 | .. | 38778i |



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1922AnHar..97....1C



## 162500 — 17h 46m.3

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3511 | 46.3 | + 8 34 | 6.80 | *7.08* | Fo | 7 | .. | 38781i |
| 2 | 3484 | 46.3 | + 7 32 | 9.1 | *9.1* | Ao | 4 | .. | 16851b |
| 3 | 3524 | 46.3 | + 1 33 | 8.1 | *8.7* | Go | 6 | .. | 14148b |
| 4 | 3371 | 46.3 | − 0 30 | 9.1 | *9.4* | F2 | 2 | .. | 14148b |
| 5 | 3411 | 46.3 | − 1 8 | 9.3 | *10.3* | Ko | 2 | .. | 39390b |
| 6 | 4669 | 46.3 | − 6 14 | 8.6 | *8.6* | Ao | 4 | .. | 24207b |
| 7 | 4636 | 46.3 | −16 15 | 9.8 | *9.9* | A5 | 1 | .. | 38062b |
| 8 | 4637 | 46.3 | −16 45 | 8.2 | *9.0* | G5 | 4 | .. | 38062b |
| 9 | 4635 | 46.3 | −16 48 | 10.2 | *11.2* | K | 1 | .. | 38062b |
| 10 | 4895 | 46.3 | −20 3 | 7.93 | 7.6 | Ao | 7 | .. | 39280b |
| 11 | *12466* | 46.3 | −27 1 | 10.9 | 9.4 | Ao | 1 | .. | 13838b |
| 12 | 14851 | 46.3 | −30 4 | 8.88 | 8.8 | A5 | 4 | .. | 13823b |
| 13 | 12190 | 46.3 | −34 25 | 10.0 | 8.3 | Ao | 4 | .. | 20081b |
| 14 | 12188 | 46.3 | −34 34 | 9.4 | 8.6 | A3 | 4 | .. | 20081b |
| 15 | *12187* | 46.3 | −35 0 | 6.48 | 7.4 | Ao | 5 | 1,10 | 5172b |
| 16 | 12012 | 46.3 | −35 12 | 9.4 | 8.3 | B9 | 3 | .. | 20081b |
| 17 | 12013 | 46.3 | −35 36 | 6.04 | 7.1 | F2 | 6 | .. | 5172b |
| 18 | 11943 | 46.3 | −40 13 | 9.6 | 9.1 | B8 | 2 | .. | 19911b |
| 19 | 11940 | 46.3 | −40 39 | 8.7 | 8.5 | Ao | 6 | .. | 19911b |
| 20 | 8357 | 46.3 | −55 53 | 7.3 | 7.3 | B9 | 9 | .. | 17453b |
| 21 | 3528 | 46.3 | −65 42 | 6.54 | 6.8 | F8 | 9 | .. | 42525b |
| 22 | 1036 | 46.4 | +67 40 | 8.2 | *9.4* | K5 | 2 | .. | 35911i |
| 23 | 1844 | 46.4 | +59 51 | 8.61 | *9.61* | Ko | 2 | .. | 38505i |
| 24 | 1980 | 46.4 | +55 2 | 8.41 | *8.91* | F8 | 2 | .. | 38015i |
| 25 | 3238 | 46.4 | +39 38 | 7.97 | *8.97* | Ko | 1 | .. | 37871i |
| 26 | 2845 | 46.4 | +28 16 | 8.3 | *8.8* | F8 | 2 | .. | 38447i |
| 27 | 3194 | 46.4 | +23 16 | 8.7 | *9.8* | K2 | 2 | .. | 38784i |
| 28 | 3485 | 46.4 | + 7 45 | 8.9 | *9.4* | F8 | 4 | .. | 16851b |
| 29 | 3523 | 46.4 | + 5 36 | 9.5 | *9.5* | Ao | 4 | .. | 16851b |
| 30 | 3795 | 46.4 | + 0 39 | 9.1 | *9.7* | Go | 3 | .. | 14148b |
| 31 | 4511 | 46.4 | − 5 36 | 9.5 | *9.8* | F2 | 3 | .. | 38082b |
| 32 | 4471 | 46.4 | −11 18 | 8.9 | *9.4* | F8 | 4 | .. | 39380b |
| 33 | 4773 | 46.4 | −13 13 | 10.0 | *11.2* | K5 | 1 | .. | 39380b |
| 34 | 4798 | 46.4 | −14 38 | 9.8 | *9.8* | Ao | 4 | .. | 39380b |
| 35 | *4797* | 46.4 | −15 0 | 8.36 | *9.14* | G5 | 5 | .. | 38062b |
| 36 | 4727 | 46.4 | −19 45 | 9.5 | 9.8 | G5 | 3 | .. | 38062b |
| 37 | 4897 | 46.4 | −20 34 | 10.0 | 10.1 | F8 | 1 | .. | 39280b |
| 38 | 4762 | 46.4 | −21 42 | 10.4 | 10.1 | Ao | 2 | .. | 39280b |
| 39 | 12387 | 46.4 | −25 30 | 8.7 | 9.4 | G5 | 3 | .. | 39280b |
| 40 | 12050 | 46.4 | −27 5 | 8.1 | 8.5 | Ao | 2 | .. | 13838b |
| 41 | 14855 | 46.4 | −30 33 | 10.0 | 9.7 | Fo | 2 | .. | 13823b |
| 42 | 12015 | 46.4 | −35 9 | 8.75 | 8.7 | Ao | 3 | .. | 20081b |
| 43 | 11978 | 46.4 | −36 3 | 10.7 | 8.9 | Ao | 3 | .. | 20081b |
| 44 | 12149 | 46.4 | −41 59 | 9.4 | 9.3 | G5 | 2 | .. | 19911b |
| 45 | 12105 | 46.4 | −43 42 | 7.4 | 8.5 | Ko | 10 | .. | 17085b |
| 46 | 11988 | 46.4 | −45 49 | 8.6 | 8.8 | Ko | 6 | .. | 17085b |
| 47 | 11925 | 46.4 | −46 6 | 10.1 | 9.9 | Ao | 3 | .. | 17085b |
| 48 | 11923 | 46.4 | −46 23 | 8.5 | 8.7 | A2 | 7 | .. | 17085b |
| 49 | 11924 | 46.4 | −46 57 | 9.9 | 9.7 | Ko | 2 | .. | 17085b |
| 50 | 11888 | 46.4 | −47 23 | 9.1 | 10.2 | K5 | 1 | .. | 17085b |
| 51 | 12133 | 46.4 | −48 19 | 8.4 | 8.6 | F2 | 6 | .. | 19938b |
| 52 | 7175 | 46.4 | −59 58 | 9.22 | 9.5 | A3 | 3 | .. | 17453b |
| 53 | 1868 | 46.4 | −73 38 | *8.3* | 8.3 | Ao | 6 | .. | 21336b |
| 54 | 1377 | 46.5 | +63 8 | 7.76 | *7.82* | A2 | 6 | .. | 38505i |
| 55 | 3126 | 46.5 | +29 21 | 5.61 | *6.61* | Ko | 10 | .. | 38447i |
| 56 | 3226 | 46.5 | +22 12 | 8.1 | *8.9* | G5 | 2 | .. | 38784i |
| 57 | 3309 | 46.5 | +10 38 | 9.1 | *9.7* | Go | 4 | .. | 16851b |
| 58 | 4363 | 46.5 | − 4 12 | 8.2 | *8.2* | Ao | 7 | .. | 24207b |
| 59 | 4616 | 46.5 | − 9 57 | 8.91 | *8.99* | A3 | 5 | 0,4 | 38082b |
| 60 | 4774 | 46.5 | −13 30 | 10.7 | *11.3* | Go | 2 | .. | 39380b |
| 61 | 4639 | 46.5 | −16 56 | 7.95 | *8.95* | Ko | 4 | .. | 38062b |
| 62 | 4666 | 46.5 | −18 4 | 7.49 | *7.63* | A5 | 8 | .. | 39280b |
| 63 | 4728 | 46.5 | −19 5 | 7.30 | 7.5 | Ao | 10 | .. | 39280b |
| 64 | 4443 | 46.5 | −22 39 | 9.5 | 9.8 | F8 | 3 | .. | 39280b |
| 65 | 11957 | 46.5 | −37 4 | 7.5 | 8.0 | Ko | 6 | .. | 20081b |
| 66 | 11961 | 46.5 | −39 3 | 10.2 | 9.3 | Ao | 2 | .. | 20081b |
| 67 | *11963* | 46.5 | −40 0 | 9.43 | 9.6 | Ao | 2 | .. | 19911b |
| 68 | 12580 | 46.5 | −42 53 | 8.1 | 8.1 | B8 | 6 | .. | 19911b |
| 69 | 11891 | 46.5 | −47 15 | 10.3 | 9.7 | Ao | 2 | .. | 17085b |
| 70 | 3227 | 46.6 | +22 20 | 5.91 | *5.99* | A3 | 8 | .. | 38784i |
| 71 | 3480 | 46.6 | +18 23 | 7.9 | *8.9* | Ko | 2 | .. | 38473i |
| 72 | 4776 | 46.6 | −13 38 | 9.0 | *10.0* | Ko | 3 | .. | 39380b |
| 73 | 4704 | 46.6 | −15 15 | 10.4 | *11.2* | G5 | 2 | .. | 39380b |
| 74 | 4640 | 46.6 | −16 37 | 8.2 | *9.2* | Ko | 4 | .. | 38062b |
| 75 | 14731 | 46.6 | −31 19 | 9.5 | 10.0 | K5 | 1 | .. | 13823b |
| 76 | 12198 | 46.6 | −34 35 | 6.77 | 7.3 | B9 | 8 | .. | 20081b |
| 77 | 11965 | 46.6 | −39 51 | 8.28 | 8.7 | Ko | 4 | .. | 19911b |
| 78 | 8545 | 46.6 | −54 46 | 9.2 | 10.2 | Ko | 1 | .. | 17453b |
| 79 | 2468 | 46.7 | +50 48 | 5.19 | *5.25* | A2 | .. | .. | 56,95 |
| 80 | 3442 | 46.7 | +19 17 | 7.9 | *8.9* | Ko | 1 | .. | 38473i |
| 81 | 3537 | 46.7 | + 4 51 | 9.29 | *10.36* | K2 | 1 | .. | 14148b |
| 82 | 4671 | 46.7 | − 6 23 | 9.8 | *9.8* | Ao | 4 | .. | 38082b |
| 83 | 4515 | 46.7 | − 8 31 | 9.8 | *10.4* | Go | 1 | .. | 38082b |
| 84 | 4860 | 46.7 | −12 17 | 9.2 | *9.6* | F5 | 2 | .. | 39380b |
| 85 | *14733* | 46.7 | −32 0 | 6.80 | 8.2 | Ko | 8 | .. | 13823b |
| 86 | 12200 | 46.7 | −34 42 | 6.20 | 6.6 | B9 | 10 | .. | 20081b |
| 87 | 12203 | 46.7 | −34 52 | 5.68 | 6.9 | Ko | .. | 0,10 | 56,141 |
| 88 | 12201 | 46.7 | −34 59 | 7.28 | 7.7 | B9 | 8 | .. | 20081b |
| 89 | 11979 | 46.7 | −36 56 | 10.0 | 8.9 | Ao | 3 | .. | 20081b |
| 90 | 7180 | 46.7 | −59 12 | 9.0 | 9.5 | F2 | 3 | .. | 17453b |
| 91 | 3493 | 46.8 | + 9 49 | 8.72 | *9.50* | G5 | 1 | .. | 38781i |
| 92 | 3514 | 46.8 | + 8 30 | 10.5 | *10.5* | Ao | 1 | .. | 16851b |
| 93 | 3515 | 46.8 | + 8 21 | 9.8 | *10.4* | Go | 2 | .. | 16851b |
| 94 | 3486 | 46.8 | + 7 35 | 9.1 | *9.5* | F5 | 2 | .. | 16851b |
| 95 | 3557 | 46.8 | + 6 4 | 10.5 | *10.5* | Ao | 2 | .. | 16851b |
| 96 | 3412 | 46.8 | − 1 12 | 6.45 | *7.45* | Ko | 4 | 2,8 | 38464i |
| 97 | 4365 | 46.8 | − 4 46 | 8.20 | *8.15* | B8 | 6 | .. | 24207b |
| 98 | 4513 | 46.8 | − 7 33 | 9.3 | *10.5* | K5 | 2 | .. | 38082b |
| 99 | 4729 | 46.8 | −19 21 | 9.0 | 9.5 | B9 | 4 | .. | 38062b |
| 100 | 4766 | 46.8 | −21 31 | 10.7 | 10.4 | A2 | 1 | .. | 39280b |



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## 162600

## $17^h\,46^m.8$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 13630 | 46.8 | −23 19 | 9.7 | 10.1 | A2 | 2 | .. | 39280b |
| 2 | 13575 | 46.8 | −24 12 | 8.1 | 9.9 | K5 | 1 | R | 39280b |
| 3 | 13576 | 46.8 | −24 29 | 10.0 | 9.4 | B9 | 2 | .. | 39280b |
| 4 | 13579 | 46.8 | −24 39 | 9.0 | 8.5 | Ao | 5 | .. | 39280b |
| 5 | 12480 | 46.8 | −26 19 | 9.5 | 10.4 | K5 | 1 | .. | 39280b |
| 6 | 13760 | 46.8 | −28 51 | 9.5 | 10.2 | B8 | 4 | 2,2 | 13823b |
| 7 | 13461 | 46.8 | −32 29 | 9.3 | 9.1 | Ao | 3 | .. | 13823b |
| 8 | 12582 | 46.8 | −33 20 | 10.2 | 10.0 | G5 | 2 | .. | 13823b |
| 9 | 12580 | 46.8 | −33 44 | 10.2 | 9.4 | A | 2 | .. | 13823b |
| 10 | 12579 | 46.8 | −33 45 | 9.3 | 8.9 | Ao | 5 | .. | 13823b |
| 11 | 12207 | 46.8 | −34 23 | 9.1 | 8.6 | K5 | 2 | .. | 20081b |
| 12 | 12020 | 46.8 | −35 30 | 10.4 | 8.9 | A2 | 2 | .. | 20081b |
| 13 | 11983 | 46.8 | −36 30 | 8.5 | 7.7 | Ao | 7 | .. | 20081b |
| 14 | 12285 | 46.8 | −38 8 | 9.0 | 9.0 | B9 | 4 | .. | 20081b |
| 15 | 11967 | 46.8 | −39 15 | 9.0 | 8.7 | Ao | 6 | .. | 20081b |
| 16 | 12151 | 46.8 | −41 10 | 7.6 | 9.0 | K2 | 4 | .. | 19911b |
| 17 | 11996 | 46.8 | −45 27 | 9.5 | 9.3 | F5 | 4 | .. | 17085b |
| 18 | 11929 | 46.8 | −46 32 | 9.1 | 9.3 | F5 | 5 | .. | 17085b |
| 19 | 11895 | 46.8 | −47 25 | 9.0 | 9.6 | K2 | 2 | .. | 17085b |
| 20 | 8361 | 46.8 | −55 8 | 9.68 | 10.4 | Ko | 1 | R | 17453b |
| 21 | 1762 | 46.9 | +58 34 | 8.6 | *9.7* | K2 | 2 | .. | 38015i |
| 22 | *2929* | 46.9 | +41 59 | 7.87 | *8.21* | F2 | 5 | .. | 37844i |
| 23 | 3079 | 46.9 | +35 28 | 8.1 | *8.7* | Go | 3 | .. | 37871i |
| 24 | 3517 | 46.9 | + 8 43 | 9.0 | *9.8* | G5 | 2 | .. | 16851b |
| 25 | 3487 | 46.9 | + 7 26 | 9.3 | *9.6* | Fo | 5 | .. | 16851b |
| 26 | 3558 | 46.9 | + 6 0 | 10.5 | *11.5* | Ko | 1 | .. | 16851b |
| 27 | 3539 | 46.9 | + 4 54 | 8.56 | *8.54* | B9 | 6 | .. | 14148b |
| 28 | 3415 | 46.9 | + 2 55 | 7.9 | *7.9* | Ao | 3 | .. | 38464i |
| 29 | 4644 | 46.9 | −16 16 | 9.8 | *9.8* | B9 | 3 | .. | 38062b |
| 30 | 12208 | 46.9 | −34 40 | 8.7 | 7.4 | Ao | 5 | .. | 20081b |
| 31 | 12213 | 46.9 | −34 51 | 8.7 | 7.7 | Ao | 5 | 0,7 | 20081b |
| 32 | 11986 | 46.9 | −36 17 | 10.4 | 9.3 | Ao | 2 | .. | 20081b |
| 33 | 11985 | 46.9 | −36 47 | 10.9 | 8.6 | B5 | 4 | .. | 20081b |
| 34 | 11963 | 46.9 | −37 34 | 10.7 | 9.0 | B9 | 1 | .. | 20081b |
| 35 | 12286 | 46.9 | −38 28 | 10.7 | 9.1 | B5 | 2 | .. | 20081b |
| 36 | 12153 | 46.9 | −41 50 | 8.7 | 9.3 | K2 | 2 | .. | 19911b |
| 37 | 12590 | 46.9 | −42 21 | 8.5 | 9.6 | K2 | 1 | .. | 19911b |
| 38 | 12588 | 46.9 | −42 59 | 9.7 | 9.3 | Ao | 3 | .. | 19911b |
| 39 | 11621 | 46.9 | −50 26 | 9.9 | 10.1 | A5 | 2 | .. | 37621b |
| 40 | 11236 | 46.9 | −51 30 | 9.5 | 9.8 | Ko | 3 | .. | 37621b |
| 41 | 10911 | 46.9 | −52 51 | *9.7* | 9.8 | A2 | 3 | .. | 37621b |
| 42 | 733 | 47.0 | +74 37 | 8.2 | *9.3* | K2 | 1 | E | 38095i |
| 43 | 1911 | 47.0 | +54 13 | 6.58 | *6.64* | A2 | 9 | .. | 38015i |
| 44 | 3083 | 47.0 | +35 25 | 8.1 | *8.7* | G | 2 | .. | 37871i |
| 45 | 3068 | 47.0 | +30 8 | 8.16 | *9.51* | Ma | 1 | .. | 38447i |
| 46 | 3559 | 47.0 | + 6 5 | 10.5 | *10.6* | A5 | 1 | .. | 16851b |
| 47 | 3525 | 47.0 | + 5 57 | 10.5 | *10.6* | A3 | 3 | .. | 16851b |
| 48 | 3541 | 47.0 | + 4 31 | 7.05 | *8.23* | K5 | 1 | .. | 38464i |
| 49 | 3540 | 47.0 | + 4 30 | 9.1 | *9.1* | Ao | 1 | .. | 38464i |
| 50 | 3416 | 47.0 | + 2 13 | 9.5 | *10.7* | K5 | 1 | .. | 14148b |
| 51 | 3525 | 47.0 | + 1 8 | 7.13 | *7.13* | Ao | 6 | .. | 38464i |
| 52 | 3526 | 47.0 | + 1 8 | 6.78 | *7.85* | K2 | 4 | .. | 38464i |
| 53 | 4514 | 47.0 | − 5 24 | 8.8 | *8.8* | B9 | 4 | .. | 24207b |
| 54 | 12397 | 47.0 | −25 45 | 10.9 | 9.9 | Ko | 2 | .. | 39280b |
| 55 | 12062 | 47.0 | −27 37 | 7.7 | 7.9 | A2 | 5 | .. | 13838b |
| 56 | 12215 | 47.0 | −34 43 | 10.7 | 8.1 | A2 | 4 | .. | 20081b |
| 57 | 12288 | 47.0 | −38 56 | 9.4 | 9.0 | B8 | 3 | .. | 20081b |
| 58 | 11952 | 47.0 | −40 31 | 10.7 | 9.9 | B9 | 1 | .. | 19911b |
| 59 | 11622 | 47.0 | −50 45 | 10.6 | 11.0 | Mb | 1 | .. | 37621b |
| 60 | 8550 | 47.0 | −54 19 | *8.7* | 9.3 | Go | 1 | .. | 17453b |
| 61 | 8492 | 47.0 | −56 17 | 8.6 | 9.3 | Ko | 2 | .. | 17453b |
| 62 | 3167 | 47.0 | −66 11 | *8.9* | 8.9 | Ao | 3 | .. | 42525b |
| 63 | 2992 | 47.0 | −68 46 | *8.5* | 9.1 | Go | 2 | .. | 41598b |
| 64 | 2223 | 47.0 | −71 45 | *8.8* | 10.0 | K5 | 1 | .. | 21336b |
| 65 | 1869 | 47.0 | −73 39 | *8.6* | 8.6 | Ao | 5 | .. | 21336b |
| 66 | 2547 | 47.1 | +47 17 | 8.2 | *8.3* | A2 | 2 | .. | 37844i |
| 67 | 2956 | 47.1 | +36 52 | 6.96 | *7.52* | Go | 5 | .. | 37871i |
| 68 | 3069 | 47.1 | +30 1 | 6.68 | *6.74* | A2 | 10 | .. | 38447i |
| 69 | .. | 47.1 | + 9.29 | .. | .. | Ao | 2 | .. | 16851b |
| 70 | 3488 | 47.1 | + 7 25 | 7.81 | *7.81* | Ao | 5 | .. | 38781i |
| 71 | *4477* | 47.1 | − 3 0 | 8.8 | *9.6* | G5 | 3 | .. | 24207b |
| 72 | 4516 | 47.1 | − 5 42 | 9.5 | *9.5* | Ao | 3 | .. | 38082b |
| 73 | 4514 | 47.1 | − 7 31 | 10.0 | *11.2* | K5 | 1 | .. | 38082b |
| 74 | 4901 | 47.1 | −20 49 | 8.8 | 9.2 | G5 | 5 | .. | 39280b |
| 75 | 4767 | 47.1 | −21 23 | 9.5 | 9.0 | F5 | 4 | .. | 39280b |
| 76 | 4446 | 47.1 | −22 31 | 8.6 | 9.2 | Ko | 3 | .. | 39280b |
| 77 | 13771 | 47.1 | −28 2 | 8.3 | 8.3 | Ao | 4 | .. | 13838b |
| 78 | 12219 | 47.1 | −34 45 | 6.38 | 7.1 | Ao | 5 | .. | 5172b |
| 79 | 12217 | 47.1 | −34 46 | 7.28 | 7.7 | A | 5 | R | 20081b |
| 80 | 12220 | 47.1 | −34 49 | 7.88 | 8.0 | Ao | 4 | 1,4 | 20081b |
| 81 | 12596 | 47.1 | −42 33 | 9.2 | 9.6 | Ko | 1 | .. | 19911b |
| 82 | 12112 | 47.1 | −43 47 | 10.3 | 10.2 | Ko | 1 | .. | 17085b |
| 83 | *11935* | 47.1 | −47 1 | 10.1 | 10.5 | Ma | .. | .. | M |
| 84 | 11239 | 47.1 | −51 8 | 10.6 | 9.9 | A2 | 3 | .. | 37621b |
| 85 | 8362 | 47.1 | −55 40 | *8.8* | 9.9 | K2 | 1 | .. | 37621b |
| 86 | 3711 | 47.1 | −64 48 | 8.15 | 9.6 | K5 | 1 | .. | 20144b |
| 87 | 3071 | 47.2 | +30 15 | 8.5 | *8.9* | F5 | 2 | .. | 38447i |
| 88 | 2901 | 47.2 | +27 6 | 8.3 | *8.4* | A3 | 4 | .. | 38447i |
| 89 | 3444 | 47.2 | +19 4 | 9.3 | *10.7* | Mb | .. | .. | M |
| 90 | 3313 | 47.2 | +12 3 | 7.8 | *8.8* | Ko | 3 | .. | 38781i |
| 91 | 3560 | 47.2 | + 6 44 | 7.9 | *8.2* | F2 | 5 | .. | 38781i |
| 92 | 3413 | 47.2 | − 1 23 | 7.7 | *7.8* | A2 | 5 | 0,3 | 24207b |
| 93 | 4517 | 47.2 | − 5 18 | 9.2 | *9.8* | Go | 2 | .. | 24207b |
| 94 | 4447 | 47.2 | −22 19 | 9.8 | 9.5 | B8 | 3 | .. | 39280b |
| 95 | 12402 | 47.2 | −25 8 | 10.0 | 10.3 | K2 | 1 | .. | 39280b |
| 96 | 12399 | 47.2 | −25 59 | 10.4 | 8.8 | B9 | 2 | .. | 13838b |
| 97 | 11964 | 47.2 | −37 38 | 11.4 | 9.2 | Ao | 1 | .. | 20081b |
| 98 | 11955 | 47.2 | −40 25 | 9.0 | 9.0 | Go | 2 | .. | 19911b |
| 99 | 12162 | 47.2 | −41 49 | 9.4 | 9.6 | A3 | 2 | .. | 19911b |
| 100 | 10916 | 47.2 | −52 27 | 9.1 | 9.9 | G5 | 3 | .. | 37621b |



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## 162700 — 17h 47m.2

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 8551 | 47.2 | −54 27 | *8.8* | 9.3 | F8 | 1 | .. | 17453b |
| 2 | 3532 | 47.2 | −65 6 | 7.10 | 8.6 | K5 | 5 | .. | 20144b |
| 3 | 3241 | 47.3 | +39 33 | 8.42 | *8.98* | Go | 2 | .. | 37871i |
| 4 | 3085 | 47.3 | +35 22 | 8.6 | *9.4* | G5 | 1 | .. | 37871i |
| 5 | 3290 | 47.3 | +15 1 | 7.59 | *7.87* | Fo | 4 | .. | 37959i |
| 6 | 3494 | 47.3 | + 9 41 | 9.5 | *9.5* | Ao | 3 | .. | 16851b |
| 7 | 3495 | 47.3 | + 9 16 | 8.9 | *9.3* | F5 | 2 | .. | 38781i |
| 8 | 3519 | 47.3 | + 8 51 | 7.7 | *7.8* | A2 | 6 | .. | 38781i |
| 9 | 3518 | 47.3 | + 8 22 | 8.4 | *8.4* | Ao | 7 | .. | 16851b |
| 10 | 3561 | 47.3 | + 6 24 | 8.3 | *9.4* | K2 | 2 | .. | 38781i |
| 11 | 3414 | 47.3 | − 1 30 | 9.1 | *10.3* | K5 | 1 | .. | 39390b |
| 12 | 4189 | 47.3 | − 3 59 | 8.6 | *8.7* | A2 | 6 | .. | 24207b |
| 13 | 4519 | 47.3 | − 5 14 | 6.92 | *7.92* | Ko | 8 | .. | 24207b |
| 14 | 4672 | 47.3 | − 6 7 | var. | var. | Gop | 6 | 0,8R | 44163b |
| 15 | 4515 | 47.3 | − 7 55 | 9.0 | *9.8* | G5 | 4 | .. | 38082b |
| 16 | 4862 | 47.3 | −12 23 | 8.0 | *9.0* | Ko | 5 | .. | 39380b |
| 17 | 13584 | 47.3 | −24 15 | 9.5 | 9.4 | B3 | 2 | .. | 39280b |
| 18 | 13585 | 47.3 | −24 45 | 9.0 | 9.1 | Bo | 3 | .. | 39280b |
| 19 | 12070 | 47.3 | −27 15 | 6.80 | 7.2 | A2 | 7 | .. | 13838b |
| 20 | 13779 | 47.3 | −28 51 | 9.7 | 8.8 | F2 | 4 | .. | 13823b |
| 21 | 14746 | 47.3 | −31 31 | 10.7 | 9.7 | Ao | 1 | .. | 13823b |
| 22 | 13472 | 47.3 | −32 27 | 8.4 | 8.6 | G5 | 4 | .. | 13823b |
| 23 | 12227 | 47.3 | −34 29 | 10.4 | 8.3 | A2 | 3 | .. | 20081b |
| 24 | 12226 | 47.3 | −34 43 | 6.08 | 6.4 | B9 | 10 | R | 20081b |
| 25 | 12228 | 47.3 | −34 48 | 6.45 | 7.1 | Ao | 8 | .. | 20081b |
| 26 | 12027 | 47.3 | −35 9 | 11.1 | 8.9 | Ao | 1 | .. | 20081b |
| 27 | 11979 | 47.3 | −39 36 | 9.0 | 8.5 | Ao | 4 | .. | 19911b |
| 28 | 11958 | 47.3 | −40 44 | 9.8 | 9.3 | Ko | 2 | .. | 19911b |
| 29 | 12145 | 47.3 | −48 17 | var. | var. | Md | .. | R | M |
| 30 | 8364 | 47.3 | −55 42 | *8.6* | 9.6 | Ko | 2 | 0,1 | 37621b |
| 31 | 3534 | 47.3 | −65 53 | *9.7* | 9.8 | A3 | 2 | .. | 42525b |
| 32 | 2581 | 47.4 | +48 25 | 6.43 | *6.38* | B8 | 8 | 0,7R | 38778i |
| 33 | 3242 | 47.4 | +39 35 | 8.12 | *8.90* | G5 | 1 | .. | 37871i |
| 34 | 3292 | 47.4 | +15 22 | 6.54 | *7.54* | Ko | 8 | .. | 37959i |
| 35 | 3472 | 47.4 | +13 35 | 8.5 | *9.3* | G5 | 2 | .. | 38781i |
| 36 | 3512 | 47.4 | + 3 2 | 7.8 | *7.9* | A2 | 5 | .. | 38464i |
| 37 | 3374 | 47.4 | − 0 7 | 9.03 | *9.11* | A3 | 5 | .. | 14148b |
| 38 | 4192 | 47.4 | − 3 10 | 8.2 | *8.2* | B9 | 7 | .. | 24207b |
| 39 | 4779 | 47.4 | −13 37 | 7.24 | *7.66* | F5 | 6 | .. | 39460b |
| 40 | 4941 | 47.4 | −17 27 | 8.2 | *9.2* | Ko | 4 | .. | 38062b |
| 41 | 4672 | 47.4 | −18 51 | 8.8 | *9.8* | Ko | 3 | .. | 38062b |
| 42 | 13780 | 47.4 | −28 59 | 9.2 | 9.1 | B3 | 5 | .. | 13823b |
| 43 | 12597 | 47.4 | −33 15 | 10.7 | 10.6 | Ko | 1 | .. | 13823b |
| 44 | 12599 | 47.4 | −33 27 | 9.4 | 10.6 | K2 | 1 | .. | 13823b |
| 45 | 12029 | 47.4 | −35 11 | 8.0 | 8.1 | Ko | 6 | .. | 20081b |
| 46 | 12599 | 47.4 | −42 19 | 9.3 | 9.3 | Ao | 2 | .. | 19911b |
| 47 | 12116 | 47.4 | −43 22 | 10.3 | 9.7 | Ao | 3 | .. | 17085b |
| 48 | 8555 | 47.4 | −54 3 | *9.3* | 9.3 | Ao | 2 | .. | 17453b |
| 49 | 2139 | 47.4 | −72 10 | *8.7* | 8.8 | A2 | 5 | .. | 21336b |
| 50 | 1154 | 47.4 | −78 42 | *8.6* | 9.7 | K2 | 3 | .. | 19008b |
| 51 | 2777 | 47.5 | +44 31 | 7.67 | *7.73* | A2 | 5 | .. | 37844i |
| 52 | 2960 | 47.5 | +37 45 | 8.1 | *8.7* | Go | 3 | .. | 37871i |
| 53 | 3562 | 47.5 | + 6 48 | 8.5 | *9.9* | Ma | 5 | .. | 16851b |
| 54 | 3527 | 47.5 | + 1 45 | 7.7 | *8.5* | G5 | 7 | .. | 14148b |
| 55 | 4521 | 47.5 | − 5 20 | 7.82 | *8.82* | Ko | 3 | .. | 24207b |
| 56 | 4517 | 47.5 | − 7 53 | 7.60 | *8.38* | G5 | 5 | .. | 24207b |
| 57 | 4560 | 47.5 | −10 52 | 6.34 | *7.12* | G5 | 8 | .. | 39460b |
| 58 | 4768 | 47.5 | −21 45 | 9.8 | 9.8 | F8 | 2 | .. | 39280b |
| 59 | 13590 | 47.5 | −24 25 | 10.7 | 9.7 | Ao | 1 | .. | 39280b |
| 60 | 12406 | 47.5 | −25 38 | 10.9 | 9.7 | Ao | 3 | .. | 39280b |
| 61 | 13783 | 47.5 | −28 41 | 8.0 | 8.8 | Ko | 4 | .. | 13823b |
| 62 | 12034 | 47.5 | −35 52 | 8.4 | 8.0 | B9 | 5 | .. | 20081b |
| 63 | 12296 | 47.5 | −38 36 | 7.03 | 7.4 | F2 | 7 | .. | 20081b |
| 64 | 12297 | 47.5 | −38 49 | 9.0 | 9.6 | Ko | 2 | .. | 20081b |
| 65 | 12147 | 47.5 | −48 9 | 9.7 | 9.2 | Fo | 3 | .. | 19938b |
| 66 | 12146 | 47.5 | −48 28 | 9.1 | 10.4 | K2 | 1 | .. | 19938b |
| 67 | 8560 | 47.5 | −54 11 | 8.4 | 8.5 | B9 | 4 | .. | 17453b |
| 68 | 8494 | 47.5 | −56 51 | 9.0 | 10.2 | K2 | 1 | .. | 17453b |
| 69 | 8792 | 47.5 | −57 25 | 8.6 | 8.1 | B8 | 6 | .. | 17453b |
| 70 | 7293 | 47.5 | −58 41 | 8.8 | 10.1 | F5 | 1 | .. | 17453b |
| 71 | 4183 | 47.5 | −63 6 | *8.4* | 8.7 | F2 | 4 | .. | 20144b |
| 72 | 3295 | 47.6 | +16 40 | 7.38 | *7.44* | A2 | 7 | .. | 37959i |
| 73 | 3493 | 47.6 | + 7 8 | 9.5 | *10.3* | G5 | 1 | .. | 16851b |
| 74 | 3528 | 47.6 | + 1 20 | 6.15 | *7.33* | K5 | 6 | .. | 38464i |
| 75 | 4193 | 47.6 | − 3 32 | 7.50 | *8.57* | K2 | 5 | .. | 24207b |
| 76 | 4194 | 47.6 | − 3 36 | 9.2 | *9.5* | Fo | 3 | .. | 39390b |
| 77 | 4781 | 47.6 | −13 50 | 10.4 | *10.5* | A2 | 2 | .. | 39380b |
| 78 | 4801 | 47.6 | −14 6 | 10.0 | *11.0* | Ko | 1 | .. | 39380b |
| 79 | 4769 | 47.6 | −21 7 | 8.8 | 8.7 | B9 | 5 | .. | 39280b |
| 80 | 12237 | 47.6 | −34 42 | 6.88 | 7.3 | Ao | 7 | .. | 20081b |
| 81 | 12236 | 47.6 | −34 48 | 7.63 | 7.7 | Ao | 6 | .. | 20081b |
| 82 | 11995 | 47.6 | −36 21 | 8.5 | 7.8 | A2 | 5 | .. | 20081b |
| 83 | 11969 | 47.6 | −37 26 | 7.8 | 8.6 | Ko | 3 | .. | 20081b |
| 84 | 11987 | 47.6 | −39 41 | 10.7 | 9.6 | Ao | 1 | .. | 20081b |
| 85 | 11965 | 47.6 | −40 14 | 8.0 | 9.3 | K2 | 2 | .. | 19911b |
| 86 | 12602 | 47.6 | −42 55 | 8.0 | 8.4 | A2 | 5 | .. | 19911b |
| 87 | *12601* | 47.6 | −43 0 | 9.3 | 9.6 | F5 | 3 | .. | 19911b |
| 88 | 5747 | 47.6 | −62 21 | *9.3* | 9.8 | F8 | 1 | .. | 20144b |
| 89 | 1849 | 47.7 | +59 57 | 8.41 | *8.75* | F2 | 3 | .. | 38505i |
| 90 | 3311 | 47.7 | +10 3 | 8.67 | *9.01* | F2 | 5 | .. | 16851b |
| 91 | 3498 | 47.7 | + 9 34 | 9.1 | *10.1* | Ko | 2 | .. | 16851b |
| 92 | 3520 | 47.7 | + 8 37 | 9.1 | *9.5* | F5 | 2 | .. | 16851b |
| 93 | 3521 | 47.7 | + 8 8 | 9.1 | *9.1* | Ao | 2 | .. | 16851b |
| 94 | 3375 | 47.7 | − 0 1 | 8.33 | *8.33* | Ao | 8 | .. | 14148b |
| 95 | 4517 | 47.7 | − 8 50 | 8.6 | *8.6* | Ao | 7 | .. | 38082b |
| 96 | 4561 | 47.7 | −10 21 | 7.81 | *8.23* | F5 | 5 | 3,7 | 39460b |
| 97 | 4802 | 47.7 | −14 6 | 10.0 | *11.0* | Ko | 2 | .. | 39380b |
| 98 | 4706 | 47.7 | −15 38 | 9.0 | *9.0* | Ao | 4 | .. | 38062b |
| 99 | 13593 | 47.7 | −24 34 | 9.2 | 9.5 | F5 | 2 | .. | 39280b |
| 100 | *13796* | 47.7 | −29 1 | 9.7 | 9.9 | Ao | 2 | .. | 13823b |



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1922AnHar..97....1C



## 162800 — $17^h\ 47^m.7$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 14891 | 47.7 | −30 13 | 10.2 | 9.2 | B8 | 2 | .. | 13823b |
| 2 | 14892 | 47.7 | −30 51 | 9.0 | 8.6 | A2 | 4 | .. | 13823b |
| 3 | 12602 | 47.7 | −33 54 | 10.7 | 9.4 | A2 | 2 | .. | 13823b |
| 4 | 12239 | 47.7 | −34 51 | 7.18 | 7.1 | Ao | 8 | .. | 20081b |
| 5 | 11963 | 47.7 | −40 20 | 9.0 | 9.0 | Go | 3 | .. | 19911b |
| 6 | 6079 | 47.7 | −61 26 | 8.3 | 9.8 | K2 | 1 | .. | 20144b |
| 7 | 3011 | 47.8 | +38 28 | 7.66 | *8.44* | G5 | 2 | .. | 37871i |
| 8 | 3316 | 47.8 | +12 0 | 8.0 | *8.8* | G5 | 2 | .. | 37881i |
| 9 | 3494 | 47.8 | + 7 31 | 9.8 | *9.9* | A3 | 2 | .. | 16851b |
| 10 | 3542 | 47.8 | + 4 33 | 8.6 | *8.7* | A3 | 6 | .. | 14148b |
| 11 | 3514 | 47.8 | + 3 49 | 9.0 | *9.8* | G5 | 1 | .. | 14148b |
| 12 | 4482 | 47.8 | − 2 33 | 7.69 | *9.04* | Mc | 3 | .. | 24207b |
| 13 | 4804 | 47.8 | −14 21 | 10.8 | *10.8* | Ao | 1 | .. | 39380b |
| 14 | 13639 | 47.8 | −23 21 | 10.4 | 10.4 | A2 | 1 | .. | 39280b |
| 15 | 14760 | 47.8 | −31 15 | 8.7 | 8.6 | B9 | 5 | .. | 13823b |
| 16 | 12603 | 47.8 | −33 36 | 8.4 | 8.9 | Go | 5 | .. | 13823b |
| 17 | 12244 | 47.8 | −34 26 | 6.05 | 6.9 | Ao | 7 | .. | 5172b |
| 18 | 12242 | 47.8 | −34 39 | 10.9 | 8.9 | Ao | 2 | .. | 20081b |
| 19 | 12301 | 47.8 | −38 34 | 10.0 | 9.3 | Ao | 2 | .. | 20081b |
| 20 | 11989 | 47.8 | −39 23 | 8.0 | 8.2 | Ao | 5 | .. | 19911b |
| 21 | 12177 | 47.8 | −41 34 | 9.4 | 9.3 | A2 | 1 | .. | 19911b |
| 22 | 12119 | 47.8 | −43 9 | 8.0 | 8.7 | Ko | 5 | .. | 19911b |
| 23 | 12008 | 47.8 | −45 41 | 9.3 | 9.4 | Ko | 4 | .. | 17085b |
| 24 | 7185 | 47.8 | −59 54 | 8.8 | 9.6 | F5 | 2 | .. | 17453b |
| 25 | 2024 | 47.9 | +56 51 | 7.62 | *8.80* | K5 | 3 | .. | 38015i |
| 26 | 3225 | 47.9 | +40 5 | 6.52 | *7.08* | Go | 6 | 5,7 | 37871i |
| 27 | 3099 | 47.9 | +26 53 | 8.3 | *9.3* | Ko | 1 | .. | 38447i |
| 28 | 3271 | 47.9 | +24 20 | 7.04 | *8.11* | K2 | 3 | .. | 38447i |
| 29 | 3523 | 47.9 | + 8 41 | 7.6 | *7.9* | Fo | 7 | .. | 37881i |
| 30 | 3418 | 47.9 | + 2 5 | 9.8 | *9.8* | A | 1 | .. | 14148b |
| 31 | 3799 | 47.9 | + 0 21 | 8.7 | *9.9* | K5 | 2 | .. | 14148b |
| 32 | 4481 | 47.9 | − 2 55 | 9.0 | *10.1* | K2 | 1 | .. | 24207b |
| 33 | 4366 | 47.9 | − 4 16 | 9.2 | *10.3* | K2 | 2 | .. | 39390b |
| 34 | 4523 | 47.9 | − 5 54 | 6.89 | *7.89* | Ko | 6 | .. | 24207b |
| 35 | 4806 | 47.9 | −14 12 | 10.7 | *10.7* | B9 | 2 | .. | 39380b |
| 36 | 4733 | 47.9 | −19 51 | 7.29 | 8.0 | Ko | 7 | .. | 39280b |
| 37 | 13597 | 47.9 | −24 43 | 10.2 | 9.5 | Ao | 2 | .. | 39280b |
| 38 | 14763 | 47.9 | −31 26 | 10.4 | 9.4 | B9 | 2 | .. | 13823b |
| 39 | 12047 | 47.9 | −35 29 | 10.4 | 8.0 | Ao | 4 | .. | 20081b |
| 40 | *12303* | 47.9 | −39 1 | 10.4 | 9.9 | Ko | 1 | .. | 20081b |
| 41 | 12179 | 47.9 | −44 35 | 10.3 | 9.8 | Ao | 4 | .. | 17085b |
| 42 | 11904 | 47.9 | −47 58 | 8.9 | 8.2 | Ao | 7 | .. | 19938b |
| 43 | 11249 | 47.9 | −51 33 | 11.0 | 10.1 | Ko | 2 | .. | 37621b |
| 44 | 10922 | 47.9 | −52 2 | 8.7 | 9.6 | G5 | 4 | .. | 37621b |
| 45 | 8846 | 47.9 | −53 34 | 9.2 | 9.6 | Go | 3 | .. | 37621b |
| 46 | 8369 | 47.9 | −55 11 | *9.8* | 9.9 | A2 | 1 | .. | 17453b |
| 47 | 7186 | 47.9 | −59 14 | 8.8 | 10.7 | K5 | 1 | .. | 17453b |
| 48 | 3200 | 48.0 | +23 21 | 8.5 | *8.6* | A3 | 2 | .. | 38784i |
| 49 | 3499 | 48.0 | + 9 4 | 9.5 | *10.1* | Go | 2 | .. | 16851b |
| 50 | 3524 | 48.0 | + 8 57 | 8.9 | *9.3* | F5 | 5 | 3,2 | 16851b |
| 51 | 3419 | 48.0 | + 2 50 | 8.5 | *8.5* | Ao | 5 | .. | 14148b |
| 52 | 3531 | 48.0 | + 1 7 | 9.31 | *9.87* | Go | 2 | .. | 14148b |
| 53 | 3376 | 48.0 | − 0 55 | 9.8 | *10.2* | F5 | 3 | .. | 39390b |
| 54 | 4863 | 48.0 | −12 31 | 9.8 | *10.2* | F5 | 1 | .. | 39380b |
| 55 | 4782 | 48.0 | −13 17 | 10.4 | *10.4* | Ao | 2 | .. | 39380b |
| 56 | 14164 | 48.0 | −29 49 | 10.0 | 8.6 | B8 | 3 | .. | 13823b |
| 57 | 12606 | 48.0 | −33 54 | 8.7 | 8.6 | Ao | 5 | .. | 13823b |
| 58 | 12245 | 48.0 | −34 50 | 10.4 | 9.5 | Ao | 2 | .. | 20081b |
| 59 | 11993 | 48.0 | −39 22 | 9.4 | 10.2 | K2 | 1 | .. | 20081b |
| 60 | 12182 | 48.0 | −44 37 | 9.7 | 9.8 | Fo | 3 | .. | 17085b |
| 61 | 6969 | 48.0 | −60 18 | 7.92 | 9.2 | Ko | 4 | .. | 20144b |
| 62 | 1870 | 48.0 | −73 33 | *8.9* | 9.9 | Ko | 1 | .. | 21336b |
| 63 | 947 | 48.1 | +69 47 | 8.79 | *9.21* | F5 | 1 | .. | 38095i |
| 64 | 3100 | 48.1 | +26 20 | 7.9 | *7.9* | Ao | 4 | .. | 38447i |
| 65 | 3300 | 48.1 | +16 55 | 6.58 | *7.00* | F5 | 8 | .. | 37959i |
| 66 | 3293 | 48.1 | +15 45 | 8.3 | *8.3* | Ao | 3 | .. | 37959i |
| 67 | 3501 | 48.1 | + 9 51 | 9.5 | *10.5* | Ko | 2 | .. | 16851b |
| 68 | 3525 | 48.1 | + 8 43 | 9.3 | *10.5* | K5 | 1 | R | 16851b |
| 69 | 3496 | 48.1 | + 7 45 | 8.5 | *9.6* | K2 | 2 | .. | 37881i |
| 70 | 4485 | 48.1 | − 2 3 | 8.6 | *8.6* | Ao | 3 | .. | 24207b |
| 71 | 12413 | 48.1 | −25 56 | 10.4 | 9.4 | Go | 5 | .. | 39280b |
| 72 | 13805 | 48.1 | −28 59 | 9.3 | 9.7 | Fo | 2 | .. | 13823b |
| 73 | 12609 | 48.1 | −33 53 | 7.6 | 7.5 | Ao | 8 | .. | 13823b |
| 74 | 12608 | 48.1 | −33 56 | 8.0 | 7.9 | B9 | 8 | .. | 13823b |
| 75 | 11977 | 48.1 | −37 32 | 10.2 | 8.4 | Ao | 3 | .. | 20081b |
| 76 | 12014 | 48.1 | −45 27 | 10.1 | 9.1 | A3 | 4 | .. | 17085b |
| 77 | 11948 | 48.1 | −46 13 | 10.6 | 9.8 | B9 | 4 | .. | 17085b |
| 78 | 10923 | 48.1 | −52 45 | 8.7 | 9.5 | Fo | 6 | .. | 37621b |
| 79 | 2584 | 48.2 | +48 24 | 8.8 | *9.8* | Ko | 1 | .. | 38778i |
| 80 | 2780 | 48.2 | +44 56 | 7.22 | *7.50* | Fo | 5 | .. | 37844i |
| 81 | 3110 | 48.2 | +31 9 | 8.8 | *9.9* | K2 | 1 | .. | 38447i |
| 82 | 3563 | 48.2 | + 6 50 | 8.7 | *9.3* | Go | 5 | .. | 16851b |
| 83 | 4520 | 48.2 | − 8 41 | 7.85 | *8.13* | Fo | 8 | .. | 38082b |
| 84 | 4521 | 48.2 | − 8 45 | 9.5 | *9.6* | A5 | 3 | .. | 38082b |
| 85 | 4946 | 48.2 | −17 23 | 8.4 | *9.6* | K5 | 2 | .. | 38062b |
| 86 | 12507 | 48.2 | −26 12 | 10.7 | 9.5 | Ko | 3 | .. | 39280b |
| 87 | 13488 | 48.2 | −32 59 | 10.0 | 9.2 | B9 | 2 | .. | 13823b |
| 88 | 12253 | 48.2 | −34 31 | 6.63 | 7.1 | Ao | 9 | .. | 20081b |
| 89 | 12254 | 48.2 | −34 44 | 9.1 | 8.4 | Ao | 5 | .. | 20081b |
| 90 | R | 48.2 | −34 49 | *8.8* | 8.9 | A2 | 2 | .. | 20081b |
| 91 | 12053 | 48.2 | −35 4 | 8.03 | 8.0 | B9 | 6 | .. | 20081b |
| 92 | 11995 | 48.2 | −39 32 | 9.4 | 9.3 | F8 | 2 | .. | 19911b |
| 93 | 11975 | 48.2 | −40 16 | 9.4 | 9.6 | F5 | 1 | .. | 19911b |
| 94 | 8850 | 48.2 | −53 20 | 8.2 | 9.0 | Ko | 5 | .. | 37621b |
| 95 | 8564 | 48.2 | −54 22 | 7.3 | 7.5 | B9 | 9 | .. | 17453b |
| 96 | 7294 | 48.2 | −58 31 | 8.8 | 10.4 | Ao | 2 | .. | 17453b |
| 97 | 1222 | 48.3 | +64 48 | 7.55 | *7.55* | Ao | 6 | .. | 38505i |
| 98 | 1573 | 48.3 | +62 48 | 6.69 | *7.03* | F2 | 8 | .. | 38505i |
| 99 | 1917 | 48.3 | +54 46 | 9.1 | *9.7* | Go | 1 | .. | 38015i |
| 100 | 2265 | 48.3 | +51 16 | 7.92 | *8.92* | Ko | 4 | .. | 38778i |



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1922AnHar..97....1C



## 162900 — $17^h\,48^m.3$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3364 | 48.3 | +25 0 | 7.71 | *8.71* | Ko | 2 | .. | 38447i |
| 2 | 3565 | 48.3 | + 6 38 | 8.7 | *9.3* | Go | 7 | .. | 16851b |
| 3 | 3529 | 48.3 | + 5 1 | 9.3 | *10.3* | Ko | 2 | .. | 14148b |
| 4 | 3420 | 48.3 | + 2 41 | 7.36 | *8.36* | Ko | 7 | .. | 14148b |
| 5 | 4198 | 48.3 | − 3 54 | 9.5 | *10.5* | Ko | 1 | .. | 24207b |
| 6 | 4864 | 48.3 | −12 33 | 10.4 | *10.5* | A3 | 1 | .. | 39380b |
| 7 | 12509 | 48.3 | −26 36 | 8.3 | 9.1 | G5 | 2 | .. | 13838b |
| 8 | 14171 | 48.3 | −29 12 | 9.0 | 9.4 | G5 | 1 | .. | 13823b |
| 9 | 13490 | 48.3 | −32 5 | 9.4 | 9.5 | Go | 2 | .. | 13823b |
| 10 | 12612 | 48.3 | −33 10 | 9.3 | 8.6 | B3 | 4 | .. | 13823b |
| 11 | 12054 | 48.3 | −35 41 | 10.2 | 8.9 | Ao | 3 | .. | 20081b |
| 12 | 12153 | 48.3 | −48 40 | 11.0 | 9.8 | Ao | 2 | .. | 19938b |
| 13 | 12154 | 48.3 | −48 55 | 7.2 | 8.0 | G5 | 8 | .. | 19938b |
| 14 | 11255 | 48.3 | −51 37 | 11.0 | 10.7 | Ao | 2 | .. | 37621b |
| 15 | 2975 | 48.4 | +33 54 | 7.22 | *8.22* | Ko | 4 | .. | 37871i |
| 16 | 3365 | 48.4 | +17 52 | 7.9 | *8.2* | F2 | 2 | .. | 38473i |
| 17 | 3566 | 48.4 | + 6 8 | 5.82 | *6.24* | F5 | 9 | .. | 38781i |
| 18 | 3530 | 48.4 | + 5 25 | 9.1 | *9.6* | F8 | 2 | .. | 16851b |
| 19 | 4808 | 48.4 | −14 53 | 8.71 | *8.99* | Fo | 5 | .. | 38062b |
| 20 | 4711 | 48.4 | −15 12 | 10.4 | *11.8* | Mb | 1 | .. | 39380b |
| 21 | 4674 | 48.4 | −18 27 | 9.0 | *9.4* | F5 | 4 | .. | 38062b |
| 22 | 12091 | 48.4 | −27 57 | 10.2 | 9.2 | B9 | 2 | .. | 17092b |
| 23 | 14780 | 48.4 | −31 4 | 10.9 | 9.7 | Ao | 2 | .. | 13823b |
| 24 | 12257 | 48.4 | −34 57 | 9.38 | 8.9 | Ao | 2 | .. | 20081b |
| 25 | 12055 | 48.4 | −35 45 | 10.7 | 8.9 | Ao | 1 | .. | 20081b |
| 26 | 12008 | 48.4 | −36 27 | 6.06 | 6.9 | A2 | 7 | .. | 5172b |
| 27 | 12002 | 48.4 | −39 12 | 9.8 | 9.3 | Ao | 2 | .. | 19911b |
| 28 | 12000 | 48.4 | −39 30 | 8.2 | 8.4 | A5 | 5 | .. | 19911b |
| 29 | 12621 | 48.4 | −42 19 | 9.9 | 9.6 | A2 | 1 | .. | 19911b |
| 30 | 12125 | 48.4 | −43 36 | 11.0 | 11.0 | K2 | 1 | .. | 17085b |
| 31 | 12188 | 48.4 | −44 54 | 8.17 | 8.6 | Ko | 7 | .. | 17085b |
| 32 | 8501 | 48.4 | −56 38 | 8.8 | 8.7 | Fo | 3 | .. | 17453b |
| 33 | 4194 | 48.4 | −63 37 | var. | var. | Ma | 1 | R | 20144b |
| 34 | 158 | 48.4 | −88 58 | *8.9* | 10.0 | K2 | 5 | .. | 22980b |
| 35 | 2830 | 48.5 | +43 43 | 9.1 | *9.2* | A3 | 2 | .. | 37220i |
| 36 | 2995 | 48.5 | +32 2 | 7.04 | *7.04* | Ao | 7 | 0,8 | 37871i |
| 37 | .. | 48.5 | + 9 44 | .. | .. | G5 | 1 | .. | 16851b |
| 38 | 4526 | 48.5 | − 5 45 | 9.8 | *10.3* | F8 | 2 | .. | 38082b |
| 39 | 4865 | 48.5 | −12 59 | 9.8 | *10.3* | F8 | 3 | .. | 39380b |
| 40 | 4734 | 48.5 | −19 26 | 9.2 | 11.1 | K5 | 1 | .. | 39400b |
| 41 | 14785 | 48.5 | −31 6 | 10.2 | 9.2 | B9 | 2 | .. | 13823b |
| 42 | 12056 | 48.5 | −35 7 | 8.78 | 8.3 | Ao | 5 | .. | 20081b |
| 43 | 12312 | 48.5 | −38 4 | 9.4 | 10.3 | K5 | 1 | .. | 20081b |
| 44 | 12311 | 48.5 | −38 49 | 9.0 | 8.8 | Fo | 5 | .. | 20081b |
| 45 | 12019 | 48.5 | −45 23 | 10.6 | 9.6 | B9 | 2 | .. | 17085b |
| 46 | 11955 | 48.5 | −46 8 | 9.9 | 10.6 | Ko | 1 | .. | 17085b |
| 47 | 6082 | 48.5 | −61 23 | *9.7* | 9.8 | A3 | 1 | .. | 20144b |
| 48 | 1872 | 48.5 | −73 41 | *8.5* | 8.5 | Ao | 5 | .. | 21336b |
| 49 | 3067 | 48.6 | +34 13 | 7.9 | *8.5* | Go | 2 | .. | 37871i |
| 50 | 2905 | 48.6 | +27 11 | 7.8 | *7.9* | A3 | 7 | .. | 38447i |
| 51 | 3357 | 48.6 | +14 1 | 9.0 | *9.8* | G5 | 1 | R | 37959i |
| 52 | | 48.6 | +14 1 | | | | | | |
| 53 | 3503 | 48.6 | + 9 0 | 9.3 | *9.4* | A5 | 5 | .. | 16851b |
| 54 | 3543 | 48.6 | + 4 53 | 7.35 | *7.30* | B8 | 4 | .. | 38464i |
| 55 | 4487 | 48.6 | − 2 46 | 9.2 | *9.7* | F8 | 3 | .. | 39390b |
| 56 | 4475 | 48.6 | −11 19 | 6.65 | *7.65* | Ko | 6 | .. | 39460b |
| 57 | 4477 | 48.6 | −11 39 | 9.8 | *10.6* | G5 | 1 | .. | 39380b |
| 58 | 4675 | 48.6 | −18 58 | 9.5 | *9.6* | A2 | 4 | .. | 38062b |
| 59 | 4771 | 48.6 | −21 25 | 9.0 | 9.5 | Ao | 4 | .. | 39280b |
| 60 | 13610 | 48.6 | −24 41 | 10.0 | 9.5 | B8 | 3 | .. | 39280b |
| 61 | 13823 | 48.6 | −28 44 | 9.5 | 9.2 | A3 | 3 | .. | 17092b |
| 62 | 14179 | 48.6 | −29 9 | 11.2 | 9.7 | A | 1 | .. | 13823b |
| 63 | 11984 | 48.6 | −37 46 | 10.2 | 9.0 | K5 | 1 | .. | 20081b |
| 64 | 12005 | 48.6 | −39 39 | 9.4 | 10.2 | K2 | 1 | .. | 20081b |
| 65 | 12629 | 48.6 | −42 49 | 10.1 | 8.7 | Ao | 4 | .. | 19911b |
| 66 | 12127 | 48.6 | −43 18 | 9.7 | 9.6 | F8 | 4 | .. | 17085b |
| 67 | 12021 | 48.6 | −45 34 | 8.6 | 8.1 | B9 | 9 | .. | 17085b |
| 68 | 11634 | 48.6 | −50 29 | 10.1 | 9.8 | B9 | 3 | .. | 37621b |
| 69 | 1283 | 48.6 | −77 16 | *8.7* | 9.1 | F5 | 5 | .. | 19008b |
| 70 | 1851 | 48.7 | +59 3 | 7.52 | *7.80* | Fo | 6 | .. | 38505i |
| 71 | 3074 | 48.7 | +30 46 | 8.5 | *9.9* | Mb | .. | .. | M |
| 72 | 2906 | 48.7 | +27 51 | 8.2 | *9.2* | Ko | 1 | .. | 38447i |
| 73 | 3315 | 48.7 | +10 59 | 8.5 | *8.5* | B8 | 5 | .. | 38781i |
| 74 | 3532 | 48.7 | + 5 14 | 8.6 | *9.2* | Go | 4 | .. | 16851b |
| 75 | 3379 | 48.7 | − 0 29 | 10.5 | *10.5* | Ao | 1 | .. | 39390b |
| 76 | 4199 | 48.7 | − 3 6 | 8.8 | *9.9* | K2 | 2 | .. | 24207b |
| 77 | *4907* | 48.7 | −21 0 | 8.3 | 9.5 | Ko | 3 | .. | 39280b |
| 78 | 13615 | 48.7 | −24 52 | 6.13 | 6.6 | B2 | 6 | .. | 5173b |
| 79 | 14183 | 48.7 | −29 47 | 9.0 | 8.5 | F5 | 5 | .. | 13823b |
| 80 | 12262 | 48.7 | −34 13 | 8.7 | 7.7 | Ao | 7 | .. | 20081b |
| 81 | 12263 | 48.7 | −34 20 | 10.2 | 8.7 | B8 | 3 | .. | 20081b |
| 82 | 11985 | 48.7 | −37 15 | 10.7 | 8.9 | Ao | 3 | .. | 20081b |
| 83 | 12314 | 48.7 | −38 56 | 10.0 | 9.3 | B8 | 2 | .. | 20081b |
| 84 | 12193 | 48.7 | −44 41 | 8.3 | 9.2 | G5 | 5 | .. | 17085b |
| 85 | 12024 | 48.7 | −45 8 | 9.0 | 9.2 | A2 | 8 | .. | 17085b |
| 86 | 12160 | 48.7 | −48 12 | 9.7 | 10.4 | G5 | 1 | .. | 19938b |
| 87 | 8577 | 48.7 | −54 11 | 8.6 | 9.7 | Ko | 2 | .. | 37621b |
| 88 | 7297 | 48.7 | −58 27 | *9.9* | 11.3 | Ma | .. | .. | M |
| 89 | 3228 | 48.8 | +40 0 | 6.06 | *7.06* | Ko | 6 | 2,5 | 37871i |
| 90 | 3360 | 48.8 | +14 48 | 8.6 | *8.9* | Fo | 1 | .. | 37959i |
| 91 | 3567 | 48.8 | + 6 56 | 9.0 | *10.2* | K5 | 1 | .. | 16851b |
| 92 | 3568 | 48.8 | + 6 17 | 9.1 | *9.2* | A2 | 2 | .. | 16851b |
| 93 | 3533 | 48.8 | + 5 24 | 9.1 | *9.1* | Ao | 5 | .. | 16851b |
| 94 | 3380 | 48.8 | − 0 52 | 9.3 | *10.3* | Ko | 1 | .. | 14148b |
| 95 | 4528 | 48.8 | − 5 50 | 10.0 | *10.8* | G5 | 2 | .. | 38082b |
| 96 | 4809 | 48.8 | −14 26 | 10.7 | *11.7* | Ko | 1 | .. | 39380b |
| 97 | 4739 | 48.8 | −19 8 | 11.1 | 11.0 | Ao | 1 | .. | 39400b |
| 98 | 13616 | 48.8 | −24 34 | 9.5 | 10.4 | K5 | 1 | .. | 39280b |
| 99 | 14925 | 48.8 | −30 35 | 8.7 | 9.7 | K5 | 1 | .. | 13823b |
| 100 | 14921 | 48.8 | −30 58 | 11.2 | 9.7 | A | 2 | .. | 13823b |



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## 163000 — $17^h\,48^m.8$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12618 | 48.8 | −33 59 | 10.9 | 8.8 | Ao | 3 | .. | 20081b |
| 2 | 11990 | 48.8 | −37 56 | 8.5 | 8.7 | Ko | 2 | .. | 20081b |
| 3 | 12315 | 48.8 | −38 7 | 7.5 | 9.1 | K2 | 4 | .. | 20081b |
| 4 | 12316 | 48.8 | −38 39 | 8.4 | 8.1 | B5 | 7 | .. | 20081b |
| 5 | 12009 | 48.8 | −39 19 | 8.0 | 9.0 | Ko | 4 | .. | 19911b |
| 6 | 11960 | 48.8 | −46 8 | 10.3 | 9.8 | A5 | 3 | .. | 17085b |
| 7 | 11959 | 48.8 | −46 41 | 7.6 | 7.5 | B3 | 10 | .. | 17085b |
| 8 | 11259 | 48.8 | −51 50 | 9.7 | 10.7 | K2 | 1 | .. | 37621b |
| 9 | 2799 | 48.8 | −69 6 | *8.6* | 9.1 | F8 | 2 | .. | 41598b |
| 10 | 18113 | 48.9 | +57 28 | 7.9 | *7.9* | B9 | 6 | .. | 38015i |
| 11 | 3019 | 48.9 | +38 43 | 8.1 | *9.1* | Ko | 1 | .. | 37871i |
| 12 | 3477 | 48.9 | +13 47 | 8.6 | *9.0* | F5 | 1 | .. | 37959i |
| 13 | 3545 | 48.9 | + 4 11 | 8.7 | *8.8* | A2 | 6 | .. | 14148b |
| 14 | 3803 | 48.9 | + 0 36 | 7.9 | *9.0* | K2 | 5 | .. | 14148b |
| 15 | 3416 | 48.9 | − 1 35 | 6.53 | *6.53* | Ao | 6 | .. | 38464i |
| 16 | 4950 | 48.9 | −17 45 | 10.0 | *10.0* | Ao | 4 | .. | 38062b |
| 17 | 4454 | 48.9 | −22 57 | 8.2 | 7.7 | B8 | 6 | .. | 39280b |
| 18 | 13620 | 48.9 | −24 10 | 9.5 | 10.3 | K2 | 2 | .. | 39280b |
| 19 | 13619 | 48.9 | −24 44 | 10.9 | 9.8 | B8 | 2 | .. | 39280b |
| 20 | 14800 | 48.9 | −31 58 | 8.7 | 9.2 | K2 | 1 | .. | 13823b |
| 21 | 12269 | 48.9 | −34 9 | 9.0 | 9.3 | K5 | 1 | .. | 13823b |
| 22 | 12061 | 48.9 | −35 42 | 9.6 | 8.7 | A2 | 3 | .. | 20081b |
| 23 | 12016 | 48.9 | −36 23 | 10.4 | 10.1 | F8 | 1 | .. | 20081b |
| 24 | 11984 | 48.9 | −40 57 | 8.7 | 9.3 | K2 | 2 | .. | 19911b |
| 25 | 12634 | 48.9 | −42 18 | 7.4 | 7.6 | A5 | 10 | .. | 19911b |
| 26 | 12196 | 48.9 | −44 31 | 8.6 | 9.6 | Ko | 3 | .. | 17085b |
| 27 | 11920 | 48.9 | −47 26 | 8.1 | 9.0 | Ko | 5 | .. | 17085b |
| 28 | 8375 | 48.9 | −55 21 | 6.64 | 7.1 | F8 | 8 | .. | 17453b |
| 29 | 8803 | 48.9 | −57 38 | 7.8 | 8.1 | G5 | 5 | .. | 17453b |
| 30 | 5752 | 48.9 | −62 8 | *9.4* | 10.4 | Ko | 1 | .. | 20144b |
| 31 | 3077 | 49.0 | +30 56 | 8.9 | *9.0* | A3 | 1 | .. | 38447i |
| 32 | 3134 | 49.0 | +29 42 | 8.1 | *8.2* | A5 | 4 | .. | 38447i |
| 33 | 3500 | 49.0 | + 7 19 | 8.9 | *9.0* | A3 | 4 | .. | 16851b |
| 34 | 3499 | 49.0 | + 7 3 | 8.9 | *9.5* | Go | 6 | .. | 16851b |
| 35 | 3805 | 49.0 | + 0 43 | 8.5 | *9.5* | Ko | 3 | .. | 14148b |
| 36 | 4371 | 49.0 | − 4 12 | 8.1 | *9.3* | K5 | 2 | .. | 24207b |
| 37 | 4812 | 49.0 | −14 31 | 11.1 | *12.3* | K5 | 1 | .. | 39380b |
| 38 | 4908 | 49.0 | −20 59 | 10.2 | 10.7 | A3 | 1 | .. | 39280b |
| 39 | 12524 | 49.0 | −26 16 | 8.7 | 8.8 | Ao | 2 | .. | 13838b |
| 40 | 13829 | 49.0 | −28 19 | 9.7 | 9.2 | B9 | 3 | .. | 17092b |
| 41 | 14191 | 49.0 | −29 39 | 9.5 | 9.7 | Ko | 1 | .. | 13823b |
| 42 | 14803 | 49.0 | −31 56 | 8.0 | 9.5 | K5 | 1 | .. | 13823b |
| 43 | 12623 | 49.0 | −33 48 | 9.4 | 8.9 | Ao | 3 | .. | 20081b |
| 44 | 11993 | 49.0 | −37 8 | 9.4 | 8.9 | Fo | 3 | .. | 20081b |
| 45 | 11992 | 49.0 | −37 58 | 10.0 | 9.0 | A3 | 1 | .. | 20081b |
| 46 | 12134 | 49.0 | −43 47 | 10.3 | 10.1 | Ao | 2 | .. | 17085b |
| 47 | 12026 | 49.0 | −45 34 | 10.6 | 10.1 | Ao | 2 | .. | 17085b |
| 48 | 6970 | 49.0 | −60 32 | *9.8* | 9.8 | Ao | 1 | .. | 20144b |
| 49 | 3001 | 49.0 | −68 8 | *8.1* | 9.2 | K2 | 2 | .. | 42525b |
| 50 | 391 | 49.1 | +84 16 | 9.2 | *10.0* | G5 | 4 | .. | 37820i |
| 51 | 1575 | 49.1 | +62 49 | 8.1 | *9.2* | K2 | 1 | .. | 38505i |
| 52 | 3092 | 49.1 | +35 6 | 8.82 | *9.60* | G5 | 1 | .. | 37871i |
| 53 | 3115 | 49.1 | +31 0 | 8.3 | *9.3* | Ko | 1 | .. | 38447i |
| 54 | 3505 | 49.1 | + 9 48 | 8.6 | *9.8* | K5 | 2 | .. | 38781i |
| 55 | 3502 | 49.1 | + 7 21 | 9.8 | *9.9* | A2 | 2 | .. | 16851b |
| 56 | 3501 | 49.1 | + 7 1 | 9.5 | *9.6* | A3 | 2 | .. | 16851b |
| 57 | 4868 | 49.1 | −12 57 | 9.8 | *9.8* | Ao | 3 | .. | 39380b |
| 58 | 4813 | 49.1 | −14 51 | 10.0 | *11.2* | K5 | 1 | .. | 39380b |
| 59 | *4814* | 49.1 | −15 0 | 10.7 | *10.7* | Ao | 3 | .. | 39380b |
| 60 | 4678 | 49.1 | −18 10 | 10.7 | *10.7* | Ao | 3 | .. | 38062b |
| 61 | 4909 | 49.1 | −20 23 | 9.0 | 9.4 | F5 | 2 | .. | 39280b |
| 62 | 4456 | 49.1 | −22 4 | 9.8 | 9.8 | B9 | 2 | .. | 39280b |
| 63 | 13656 | 49.1 | −23 58 | 9.5 | 9.8 | F8 | 2 | .. | 39280b |
| 64 | *14193* | 49.1 | −30 0 | 7.64 | 8.5 | Ko | 5 | .. | 13823b |
| 65 | 14934 | 49.1 | −30 32 | 8.3 | 8.5 | B3 | 3 | .. | 13823b |
| 66 | 14933 | 49.1 | −30 40 | 8.1 | 8.9 | B9 | 5 | .. | 13823b |
| 67 | 12062 | 49.1 | −35 18 | 10.7 | 8.9 | A2 | 2 | .. | 20081b |
| 68 | 12019 | 49.1 | −36 34 | 10.2 | 9.0 | A5 | 2 | .. | 20081b |
| 69 | 11994 | 49.1 | −37 2 | 8.0 | 8.3 | Ko | 4 | .. | 20081b |
| 70 | 11989 | 49.1 | −40 17 | 9.4 | 9.9 | K2 | 1 | .. | 19911b |
| 71 | 8506 | 49.1 | −56 52 | 6.54 | 6.4 | B8 | 7 | .. | 3902b |
| 72 | 7189 | 49.1 | −59 41 | *8.9* | 9.2 | F2 | 5 | .. | 17453b |
| 73 | 2458 | 49.1 | −70 18 | *8.8* | 8.8 | Ao | 4 | .. | 42525b |
| 74 | 2701 | 49.2 | +49 55 | 9.12 | *9.68* | Go | 1 | .. | 38778i |
| 75 | 2379 | 49.2 | +46 41 | 6.57 | *7.57* | Ko | 6 | .. | 37844i |
| 76 | 2940 | 49.2 | +42 53 | 7.66 | *7.64* | B9 | 7 | .. | 37844i |
| 77 | 3368 | 49.2 | +25 1 | 8.06 | *9.06* | Ko | 1 | .. | 38447i |
| 78 | 3297 | 49.2 | +15 49 | 8.1 | *9.1* | Ko | 2 | .. | 37959i |
| 79 | 3503 | 49.2 | + 7 57 | 7.74 | *8.16* | F5 | 4 | .. | 38781i |
| 80 | 3421 | 49.2 | + 2 9 | 9.5 | *10.5* | K | 1 | .. | 14148b |
| 81 | 4815 | 49.2 | −14 21 | 10.4 | *11.0* | Go | 2 | .. | 39380b |
| 82 | 4679 | 49.2 | −18 16 | 8.6 | *9.6* | Ko | 4 | .. | 38062b |
| 83 | 14196 | 49.2 | −29 57 | 8.28 | 8.5 | A5 | 5 | .. | 13823b |
| 84 | 13507 | 49.2 | −32 19 | 10.4 | 9.7 | Ao | 1 | .. | 13823b |
| 85 | 11995 | 49.2 | −37 53 | 10.7 | 8.9 | Ao | 3 | .. | 20081b |
| 86 | 11810 | 49.2 | −49 46 | var. | var. | Mc | .. | R | M |
| 87 | 11265 | 49.2 | −51 58 | 10.6 | 10.7 | A3 | 1 | .. | 37621b |
| 88 | 7191 | 49.2 | −59 33 | 9.2 | 9.2 | Fo | 3 | .. | 17453b |
| 89 | 3421 | 49.2 | −67 10 | *8.7* | 9.2 | F8 | 2 | .. | 41598b |
| 90 | 2459 | 49.2 | −70 34 | *8.9* | 8.9 | Ao | 3 | .. | 42525b |
| 91 | 2268 | 49.3 | +51 8 | 8.1 | *9.1* | Ko | 3 | .. | 38778i |
| 92 | 2702 | 49.3 | +49 17 | 8.4 | *9.6* | K5 | 1 | .. | 38778i |
| 93 | 2785 | 49.3 | +44 41 | 8.7 | *9.5* | G5 | 2 | .. | 37844i |
| 94 | 3022 | 49.3 | +38 16 | 8.1 | *9.1* | Ko | 2 | .. | 37871i |
| 95 | 2967 | 49.3 | +37 13 | 9.3 | *9.3* | A | 2 | .. | 37871i |
| 96 | 2858 | 49.3 | +28 36 | 8.8 | *9.9* | K2 | 1 | .. | 38447i |
| 97 | 3569 | 49.3 | + 6 1 | 9.0 | *9.1* | A2 | 3 | .. | 16851b |
| 98 | 3535 | 49.3 | + 5 43 | 9.1 | *9.2* | A2 | 3 | .. | 16851b |
| 99 | 3526 | 49.3 | + 3 34 | 9.5 | *10.1* | Go | 1 | .. | 14148b |
| 100 | 3525 | 49.3 | + 3 29 | 9.1 | *9.2* | A2 | 4 | .. | 14148b |



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1922AnHar..97....1C



## 163100 — 17h 49m.3

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3381 | 49.3 | − 0 28 | 10.5 | *10.5* | Ao | 2 | .. | 39390b |
| 2 | 4200 | 49.3 | − 3 27 | 7.20 | *7.62* | F5 | 7 | .. | 24207b |
| 3 | 4951 | 49.3 | −17 10 | 10.7 | *10.7* | Ao | 2 | .. | 38062b |
| 4 | 12112 | 49.3 | −27 47 | 10.2 | 9.2 | B9 | 2 | .. | 17092b |
| 5 | 13844 | 49.3 | −28 9 | 10.2 | 9.8 | Ko | 2 | .. | 17092b |
| 6 | 14939 | 49.3 | −30 33 | 7.7 | 7.5 | Ao | 9 | .. | 13823b |
| 7 | 14811 | 49.3 | −31 44 | 10.7 | 9.2 | B8 | 1 | .. | 13823b |
| 8 | 12629 | 49.3 | −33 6 | 8.7 | 8.6 | Ao | 5 | .. | 13823b |
| 9 | 12277 | 49.3 | −34 16 | 8.7 | 7.8 | B9 | 6 | .. | 20081b |
| 10 | 12199 | 49.3 | −44 27 | 9.3 | 10.1 | Ko | 2 | .. | 17085b |
| 11 | 10926 | 49.3 | −52 11 | *10.1* | 10.1 | A | 4 | R | 37621b |
| 12 | 10927 | 49.3 | −52 11 | *9.9* | 9.9 | A | | | |
| 13 | 3025 | 49.4 | +38 52 | 7.20 | *8.20* | Ko | 3 | .. | 37871i |
| 14 | 3531 | 49.4 | + 8 44 | 9.1 | *10.1* | Ko | 2 | .. | 16851b |
| 15 | 3422 | 49.4 | + 2 46 | 8.5 | *9.7* | K5 | 3 | .. | 14148b |
| 16 | 3423 | 49.4 | + 2 24 | 10.1 | *10.1* | A | 1 | .. | 14148b |
| 17 | 4478 | 49.4 | −11 36 | 7.02 | *7.36* | F2 | 7 | .. | 39460b |
| 18 | 13630 | 49.4 | −24 2 | 9.5 | 9.5 | Ao | 4 | .. | 39280b |
| 19 | 12535 | 49.4 | −26 54 | 8.3 | 8.7 | G5 | 1 | .. | 13838b |
| 20 | 14201 | 49.4 | −29 15 | 9.5 | 9.2 | B8 | 2 | .. | 13823b |
| 21 | 12632 | 49.4 | −33 36 | 10.0 | 8.9 | F2 | 4 | .. | 13823b |
| 22 | 12278 | 49.4 | −34 9 | 11.1 | 9.0 | A | 1 | .. | 13823b |
| 23 | 12067 | 49.4 | −35 1 | 8.43 | 8.0 | Ao | 6 | .. | 20081b |
| 24 | 12322 | 49.4 | −38 25 | 10.4 | 9.3 | A2 | 2 | .. | 20081b |
| 25 | 12642 | 49.4 | −42 23 | 9.1 | 9.6 | Ko | 1 | .. | 19911b |
| 26 | 1403 | 49.4 | −75 41 | *8.1* | 8.2 | A3 | 7 | .. | 21336b |
| 27 | 810 | 49.5 | +72 41 | 8.0 | *9.1* | K2 | 1 | .. | 38095i |
| 28 | 2969 | 49.5 | +37 36 | 8.5 | *8.9* | F5 | 2 | .. | 37871i |
| 29 | 2910 | 49.5 | +27 22 | 9.1 | *9.2* | A2 | 1 | .. | 38447i |
| 30 | 3275 | 49.5 | +24 47 | 8.1 | *8.4* | Fo | 4 | .. | 38447i |
| 31 | 3570 | 49.5 | + 6 23 | 10.5 | *10.6* | A3 | 3 | .. | 16851b |
| 32 | 3528 | 49.5 | + 3 45 | 6.63 | *7.70* | K2 | 4 | .. | 38464i |
| 33 | 3536 | 49.5 | + 1 13 | 9.8 | *9.8* | Ao | 3 | .. | 14148b |
| 34 | 4786 | 49.5 | −13 45 | 10.4 | *11.2* | G5 | 2 | .. | 39380b |
| 35 | 4745 | 49.5 | −19 17 | 9.3 | 9.4 | Ko | 2 | .. | 39400b |
| 36 | 4746 | 49.5 | −19 19 | 10.0 | 9.2 | Ao | 2 | .. | 39400b |
| 37 | 14819 | 49.5 | −31 49 | 10.2 | 8.9 | Ao | 2 | .. | 13823b |
| 38 | *12631* | 49.5 | −34 0 | 10.9 | 9.4 | B9 | 2 | .. | 13823b |
| 39 | 12070 | 49.5 | −35 1 | 6.70 | 7.1 | B9 | 9 | .. | 20081b |
| 40 | 12071 | 49.5 | −35 48 | 10.9 | 9.0 | A3 | 1 | .. | 20081b |
| 41 | 11998 | 49.5 | −37 33 | 10.7 | 8.9 | Ao | 2 | .. | 20081b |
| 42 | 12324 | 49.5 | −38 29 | 9.0 | 10.3 | K5 | 1 | .. | 20081b |
| 43 | 11992 | 49.5 | −40 13 | 9.4 | 9.3 | Ao | 2 | .. | 19911b |
| 44 | 12644 | 49.5 | −42 42 | 9.3 | 9.6 | Ko | 1 | .. | 19911b |
| 45 | 12201 | 49.5 | −44 19 | 4.98 | 6.7 | Ko | .. | .. | **28**,212 |
| 46 | 11641 | 49.5 | −50 12 | 9.5 | 9.5 | B9 | 5 | .. | 37621b |
| 47 | 7298 | 49.5 | −58 53 | 9.2 | 10.4 | K5 | 1 | .. | 17453b |
| 48 | 961 | 49.6 | +68 22 | 7.9 | *8.0* | A2 | 4 | .. | 38095i |
| 49 | 3462 | 49.6 | +19 34 | 8.4 | *8.4* | Ao | 2 | .. | 38784i |
| 50 | 3493 | 49.6 | +18 35 | 8.5 | *8.5* | Ao | 3 | .. | 37959i |
| 51 | 3283 | 49.6 | +11 10 | 6.26 | *6.68* | F5 | 10 | .. | 38781i |
| 52 | 3537 | 49.6 | + 5 14 | 9.1 | *9.1* | Ao | 6 | .. | 16851b |
| 53 | 4523 | 49.6 | − 7 42 | 6.87 | *7.65* | G5 | 8 | .. | 24207b |
| 54 | 4620 | 49.6 | − 9 50 | 9.3 | *9.4* | A2 | 3 | .. | 38082b |
| 55 | 4870 | 49.6 | −12 3 | 8.8 | *8.9* | A2 | 5 | .. | 39380b |
| 56 | 4819 | 49.6 | −14 35 | 10.2 | *10.8* | Go | 3 | .. | 39380b |
| 57 | 4718 | 49.6 | −15 50 | 9.2 | *9.3* | A5 | 4 | .. | 38062b |
| 58 | 4683 | 49.6 | −18 42 | 10.2 | *11.0* | G5 | 2 | .. | 39400b |
| 59 | 4459 | 49.6 | −22 25 | 10.0 | 10.1 | Ao | 2 | .. | 39280b |
| 60 | 13634 | 49.6 | −24 29 | 9.5 | 9.8 | Go | 2 | .. | 39280b |
| 61 | 13633 | 49.6 | −24 30 | 10.4 | 9.5 | B9 | 3 | .. | 39280b |
| 62 | 14821 | 49.6 | −31 14 | 8.7 | 8.8 | A2 | 4 | .. | 13823b |
| 63 | 12001 | 49.6 | −37 1 | 10.2 | 8.9 | A2 | 3 | .. | 20081b |
| 64 | 12000 | 49.6 | −37 30 | 9.6 | 8.9 | F8 | 3 | .. | 20081b |
| 65 | 12325 | 49.6 | −38 35 | 9.0 | 8.5 | B9 | 5 | .. | 20081b |
| 66 | 12202 | 49.6 | −44 8 | 8.3 | 10.1 | K2 | 1 | .. | 17085b |
| 67 | 12033 | 49.6 | −45 40 | 11.0 | 10.3 | Ao | 1 | .. | 17085b |
| 68 | 8383 | 49.6 | −55 27 | *8.5* | 9.3 | G5 | 1 | .. | 17453b |
| 69 | 8384 | 49.6 | −55 52 | 9.1 | 9.7 | Ko | 1 | .. | 17453b |
| 70 | 7300 | 49.6 | −58 48 | *10.1* | 10.1 | Ao | 2 | .. | 17453b |
| 71 | 6971 | 49.6 | −60 40 | 8.6 | 8.2 | A2 | 7 | .. | 20144b |
| 72 | 3181 | 49.6 | −66 2 | *8.7* | 9.2 | F8 | 2 | .. | 42525b |
| 73 | 942 | 49.6 | −79 51 | *8.9* | 9.4 | F8 | 3 | .. | 43458b |
| 74 | 643 | 49.6 | −83 25 | *8.3* | 9.3 | Ko | 3 | .. | 14161b |
| 75 | 3311 | 49.7 | +16 57 | var. | var. | Ao | 2 | 3,1R | 38473i |
| 76 | 4524 | 49.7 | − 7 27 | 9.0 | *9.0* | Ao | 3 | .. | 24207b |
| 77 | 4953 | 49.7 | −17 32 | 10.9 | *10.9* | Ao | 2 | .. | 38062b |
| 78 | 4913 | 49.7 | −20 43 | 10.7 | 10.6 | Ao | 1 | .. | 39280b |
| 79 | 13662 | 49.7 | −23 6 | 9.3 | 9.8 | A2 | 3 | .. | 39280b |
| 80 | 13855 | 49.7 | −28 43 | 9.5 | 9.2 | B9 | 3 | .. | 17092b |
| 81 | 13517 | 49.7 | −32 27 | 6.62 | 7.5 | Oe5 | 4 | R | **56**,141 |
| 82 | 12003 | 49.7 | −37 40 | 10.9 | 9.0 | Fo | 1 | .. | 20081b |
| 83 | 796 | 49.8 | +73 10 | 7.52 | *8.08* | Go | 4 | .. | 38095i |
| 84 | 3252 | 49.8 | +39 42 | 7.92 | *9.10* | K5 | 1 | .. | 37871i |
| 85 | 2966 | 49.8 | +36 5 | 8.5 | *9.3* | G5 | 2 | .. | 37871i |
| 86 | 2999 | 49.8 | +32 23 | 7.8 | *8.2* | F5 | 3 | .. | 37871i |
| 87 | *4525* | 49.8 | − 8 0 | 9.8 | *10.4* | Go | 1 | .. | 38082b |
| 88 | 4684 | 49.8 | −18 12 | 9.5 | *9.9* | F5 | 2 | 3,2 | 38062b |
| 89 | 4748 | 49.8 | −19 49 | 9.5 | 9.5 | Ao | 4 | .. | 38062b |
| 90 | 4778 | 49.8 | −21 24 | 10.2 | 10.0 | Ao | 2 | .. | 39280b |
| 91 | 13636 | 49.8 | −24 57 | 10.7 | 10.1 | Ao | 2 | .. | 39280b |
| 92 | 14824 | 49.8 | −31 10 | 9.5 | 10.0 | Ko | 1 | .. | 13823b |
| 93 | 12283 | 49.8 | −34 28 | 9.4 | 8.3 | Ao | 4 | .. | 20081b |
| 94 | 12284 | 49.8 | −34 44 | 9.8 | 8.7 | Ao | 3 | .. | 20081b |
| 95 | 12027 | 49.8 | −39 55 | 7.34 | 7.9 | F5 | 6 | R | 19911b |
| 96 | | 49.8 | −39 55 | | | A2 | | | |
| 97 | 12000 | 49.8 | −40 22 | 8.5 | 8.8 | K2 | 3 | .. | 19911b |
| 98 | 12036 | 49.8 | −45 14 | 9.7 | 9.8 | F5 | 3 | .. | 17085b |
| 99 | 11968 | 49.8 | −46 6 | 8.7 | 9.2 | F8 | 7 | .. | 17085b |
| 100 | 11643 | 49.8 | −50 40 | 10.1 | 10.3 | F2 | 2 | .. | 37621b |



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1922AnHar..97....1C



## 163200 — 17h 49m.8

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 8510 | 49.8 | −56 13 | *10.1* | 10.2 | A2 | 1 | .. | 17453b |
| 2 | 8809 | 49.8 | −57 46 | 8.8 | 9.3 | G5 | 2 | .. | 17453b |
| 3 | 2028 | 49.9 | +56 8 | 7.06 | *7.14* | A3 | 7 | .. | 38015i |
| 4 | 2941 | 49.9 | +42 13 | 7.8 | *7.9* | A2 | 6 | .. | 37844i |
| 5 | 3382 | 49.9 | − 0 13 | 9.1 | *9.9* | G5 | 3 | .. | 39390b |
| 6 | 3418 | 49.9 | − 1 44 | 8.7 | *8.8* | A3 | 7 | .. | 14148b |
| 7 | 4790 | 49.9 | −13 19 | 10.0 | *10.0* | Ao | 3 | .. | 39380b |
| 8 | *4685* | 49.9 | −19 0 | 9.5 | *9.5* | Ao | 2 | .. | 39400b |
| 9 | 12447 | 49.9 | −25 10 | 8.88 | 9.3 | Ko | 3 | .. | 39280b |
| 10 | 12285 | 49.9 | −34 10 | 10.7 | 8.9 | B8 | 3 | .. | 13823b |
| 11 | 12004 | 49.9 | −37 40 | 10.9 | 8.4 | A2 | 4 | .. | 20081b |
| 12 | 12327 | 49.9 | −38 30 | 9.4 | 9.3 | F5 | 4 | .. | 20081b |
| 13 | 8858 | 49.9 | −53 44 | *9.6* | 9.7 | A3 | 3 | .. | 37621b |
| 14 | 963 | 50.0 | +68 42 | 6.87 | *6.93* | A2 | 7 | .. | 38095i |
| 15 | 2029 | 50.0 | +56 37 | 8.6 | *8.7* | A2 | 4 | 0,4 | 38015i |
| 16 | 2477 | 50.0 | +50 24 | 8.2 | *8.2* | Ao | 6 | .. | 38778i |
| 17 | 3233 | 50.0 | +40 1 | 5.12 | *6.12* | Ko | 9 | 0,9 R | 37844i |
| 18 | 3098 | 50.0 | +35 43 | 7.32 | *8.39* | K2 | 4 | .. | 37871i |
| 19 | 3078 | 50.0 | +30 23 | 7.46 | *7.54* | A3 | 5 | .. | 38447i |
| 20 | 3572 | 50.0 | + 6 4 | 10.5 | *10.6* | A2 | 2 | .. | 16851b |
| 21 | 3383 | 50.0 | − 0 25 | 10.5 | *10.6* | A5 | 3 | .. | 39390b |
| 22 | 4676 | 50.0 | − 6 41 | 10.4 | *10.5* | A3 | 1 | .. | 38082b |
| 23 | 4822 | 50.0 | −14 33 | 11.2 | *11.2* | Ao | 3 | .. | 39380b |
| 24 | 4821 | 50.0 | −14 50 | 10.2 | *11.2* | Ko | 2 | .. | 39380b |
| 25 | 4957 | 50.0 | −17 10 | 10.7 | *10.7* | Ao | 2 | .. | 38062b |
| 26 | 12452 | 50.0 | −25 26 | 10.7 | 9.5 | B9 | 3 | .. | 39280b |
| 27 | 12451 | 50.0 | −25 39 | 7.9 | 7.6 | B9 | 5 | *1,7* | 13838b |
| 28 | 14214 | 50.0 | −29 31 | 9.7 | 8.6 | F5 | 4 | .. | 13823b |
| 29 | 14217 | 50.0 | −29 50 | 8.34 | 8.2 | A2 | 4 | .. | 13823b |
| 30 | 14959 | 50.0 | −30 10 | 7.5 | 8.6 | K5 | 5 | .. | 13823b |
| 31 | 12286 | 50.0 | −34 3 | 10.7 | 8.9 | B8 | 2 | .. | 13823b |
| 32 | 12031 | 50.0 | −36 58 | 11.1 | 8.9 | Ao | 3 | .. | 20081b |
| 33 | 12006 | 50.0 | −40 6 | 9.4 | 8.8 | Ao | 3 | .. | 19911b |
| 34 | 12001 | 50.0 | −40 17 | 6.48 | 7.9 | K5 | 7 | .. | 19911b |
| 35 | 12004 | 50.0 | −40 46 | 9.0 | 8.4 | B9 | 7 | .. | 19911b |
| 36 | 12039 | 50.0 | −45 8 | 10.1 | 10.7 | Ko | 1 | .. | 17085b |
| 37 | 11815 | 50.0 | −49 7 | 11.6 | 9.5 | Ao | 4 | .. | 19938b |
| 38 | 10931 | 50.0 | −52 48 | 8.9 | 8.9 | Ao | 6 | .. | 37621b |
| 39 | 7302 | 50.0 | −58 38 | 7.3 | 9.2 | Ko | 7 | .. | 17453b |
| 40 | 555 | 50.1 | +80 19 | 7.10 | *8.45* | Ma | 4 | .. | 37240i |
| 41 | 1576 | 50.1 | +62 21 | 8.6 | *9.8* | K5 | 1 | .. | 38505i |
| 42 | 3312 | 50.1 | +16 19 | 8.1 | *9.1* | Ko | 3 | .. | 37959i |
| 43 | 4721 | 50.1 | −15 41 | 9.8 | *9.8* | Ao | 3 | .. | 38062b |
| 44 | 4656 | 50.1 | −16 44 | 9.5 | *10.1* | Go | 3 | .. | 38062b |
| 45 | 4686 | 50.1 | −18 47 | 6.40 | *6.40* | Ao | 10 | .. | 39280b |
| 46 | 4460 | 50.1 | −22 27 | 8.0 | 7.5 | G5 | 7 | .. | 39280b |
| 47 | 13868 | 50.1 | −28 59 | 9.7 | 9.3 | A2 | 1 | .. | 13823b |
| 48 | 14829 | 50.1 | −31 6 | 10.0 | 8.6 | B8 | 4 | .. | 13823b |
| 49 | 14833 | 50.1 | −31 42 | 10.7 | 9.7 | B9 | 1 | .. | 13823b |
| 50 | 12289 | 50.1 | −34 30 | 8.7 | 8.3 | A3 | 6 | .. | 20081b |
| 51 | 12084 | 50.1 | −35 11 | 7.83 | 7.4 | B9 | 7 | .. | 20081b |
| 52 | 12034 | 50.1 | −36 38 | 9.4 | 9.2 | K5 | 1 | .. | 20081b |
| 53 | 12328 | 50.1 | −38 27 | 10.4 | 9.6 | A5 | 3 | .. | 20081b |
| 54 | 12221 | 50.1 | −41 58 | 7.2 | 7.0 | B3 | 9 | .. | 19911b |
| 55 | 12143 | 50.1 | −43 38 | 10.6 | 10.4 | Ao | 1 | .. | 17085b |
| 56 | 11975 | 50.1 | −46 12 | 10.1 | 10.1 | Fo | 2 | .. | 17085b |
| 57 | 11972 | 50.1 | −46 18 | 9.5 | 9.3 | B9 | 8 | .. | 17085b |
| 58 | 11974 | 50.1 | −46 23 | 9.7 | 9.8 | F8 | 3 | .. | 17085b |
| 59 | *11648* | 50.1 | −51 0 | 10.1 | 10.4 | K2 | 2 | .. | 37621b |
| 60 | 8388 | 50.1 | −55 8 | 7.7 | 8.4 | Ko | 4 | .. | 17453b |
| 61 | 8515 | 50.1 | −56 12 | *9.3* | 9.3 | Ao | 2 | .. | 17453b |
| 62 | 8813 | 50.1 | −57 6 | *9.6* | 9.6 | Ao | 2 | .. | 17453b |
| 63 | 2234 | 50.1 | −71 19 | *8.4* | 9.2 | G5 | 5 | 5,3 | 21336b |
| 64 | 1663 | 50.1 | −74 18 | *8.4* | 8.9 | F8 | 7 | .. | 21336b |
| 65 | 2914 | 50.2 | +27 22 | 7.9 | *8.4* | F8 | 3 | .. | 38447i |
| 66 | 3324 | 50.2 | +10 9 | 9.3 | *10.3* | Ko | 1 | .. | 16851b |
| 67 | 3508 | 50.2 | + 9 59 | 9.5 | *10.5* | Ko | 2 | .. | 16851b |
| 68 | 3573 | 50.2 | + 6 32 | 10.5 | *10.6* | A3 | 2 | .. | 16851b |
| 69 | 4873 | 50.2 | −12 51 | 10.2 | *10.2* | Ao | 2 | .. | 39380b |
| 70 | 4750 | 50.2 | −19 22 | 10.2 | 9.7 | A2 | 2 | .. | 39400b |
| 71 | 12455 | 50.2 | −25 14 | 9.2 | 8.6 | A2 | 5 | .. | 39280b |
| 72 | 12551 | 50.2 | −26 45 | 7.33 | 8.0 | Go | 5 | .. | 13838b |
| 73 | 14835 | 50.2 | −31 30 | 10.2 | 8.5 | B9 | 5 | .. | 13823b |
| 74 | 13529 | 50.2 | −32 40 | 6.60 | 7.3 | B9 | .. | .. | 56,141 |
| 75 | 12039 | 50.2 | −36 15 | 9.4 | 9.0 | G5 | 2 | .. | 20081b |
| 76 | 12330 | 50.2 | −38 42 | 10.4 | 9.1 | Ao | 3 | .. | 20081b |
| 77 | 12036 | 50.2 | −39 40 | 9.6 | 9.3 | B9 | 3 | 0,2 | 20081b |
| 78 | 12041 | 50.2 | −45 55 | 9.5 | 9.2 | A2 | 6 | .. | 17085b |
| 79 | 11649 | 50.2 | −50 32 | 10.1 | 10.3 | G5 | 2 | .. | 37621b |
| 80 | 7304 | 50.2 | −58 4 | 9.0 | 10.1 | Go | 1 | .. | 17453b |
| 81 | 2804 | 50.2 | −69 13 | *8.3* | 9.1 | G5 | 3 | .. | 41598b |
| 82 | 1405 | 50.2 | −75 7 | 8.48 | 8.6 | A5 | 5 | .. | 21336b |
| 83 | 800 | 50.2 | −81 26 | *8.3* | 9.4 | K2 | 3 | .. | 14161b |
| 84 | 3139 | 50.3 | +29 50 | 8.06 | *8.40* | F2 | 3 | .. | 38447i |
| 85 | 3495 | 50.3 | +18 12 | 7.9 | *7.9* | Ao | 5 | .. | 37959i |
| 86 | 3324 | 50.3 | +12 41 | 8.5 | *9.6* | K2 | 2 | .. | 38781i |
| 87 | 3574 | 50.3 | + 6 54 | 9.1 | *10.1* | Ko | 2 | .. | 16851b |
| 88 | 3807 | 50.3 | + 0 42 | 8.1 | *8.7* | Go | 7 | .. | 14148b |
| 89 | 4534 | 50.3 | − 5 2 | 9.20 | *10.20* | Ko | 2 | .. | 24207b |
| 90 | 4824 | 50.3 | −14 22 | 9.2 | *10.2* | Ko | 4 | .. | 39380b |
| 91 | 4823 | 50.3 | −14 47 | 10.2 | *10.2* | Ao | 5 | .. | 39380b |
| 92 | 4958 | 50.3 | −17 25 | 9.5 | *10.5* | Ko | 2 | .. | 38062b |
| 93 | 4753 | 50.3 | −19 3 | 9.5 | 9.1 | A3 | 4 | .. | 39400b |
| 94 | 4752 | 50.3 | −19 34 | 10.2 | 9.9 | Ao | 1 | .. | 39400b |
| 95 | 4751 | 50.3 | −19 49 | 10.0 | 9.5 | A3 | 2 | .. | 38062b |
| 96 | 4779 | 50.3 | −21 56 | 6.64 | 6.8 | Ao | 7 | .. | 44641b |
| 97 | 4462 | 50.3 | −22 47 | 9.8 | 10.0 | Ao | 2 | .. | 39280b |
| 98 | 13648 | 50.3 | −24 11 | 10.0 | 10.4 | A3 | 1 | .. | 39280b |
| 99 | 13647 | 50.3 | −24 34 | 10.9 | 9.8 | B8 | 1 | .. | 39280b |
| 100 | 14221 | 50.3 | −29 2 | 9.2 | 9.1 | A3 | 2 | .. | 13823b |



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1922AnHar..97....1C



## 163300 — 17h 50m.3

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 14223 | 50.3 | −29 54 | 8.18 | 8.2 | B9 | 5 | .. | 13823b |
| 2 | 12293 | 50.3 | −34 44 | 9.4 | 8.3 | Ao | 3 | .. | 20081b |
| 3 | 12085 | 50.3 | −35 40 | 10.4 | 9.2 | G | 1 | .. | 20081b |
| 4 | 12331 | 50.3 | −38 45 | 7.7 | 7.6 | B9 | 8 | .. | 20081b |
| 5 | 12008 | 50.3 | −40 44 | 8.3 | 8.4 | A5 | 6 | .. | 19911b |
| 6 | 11650 | 50.3 | −50 26 | 10.3 | 10.3 | Ao | 3 | .. | 37621b |
| 7 | 2552 | 50.4 | +47 58 | 8.8 | *9.8* | Ko | 2 | .. | 38778i |
| 8 | 3075 | 50.4 | +34 41 | 7.62 | *8.62* | Ko | 3 | .. | 37871i |
| 9 | 3213 | 50.4 | +23 15 | 8.7 | *8.7* | Ao | 2 | .. | 38784i |
| 10 | 3505 | 50.4 | + 7 8 | 10.5 | *10.6* | A2 | 2 | .. | 16851b |
| 11 | 3542 | 50.4 | + 5 43 | 7.44 | *8.51* | K2 | 6 | .. | 16851b |
| 12 | 3541 | 50.4 | + 5 1 | 8.80 | *9.08* | Fo | 4 | .. | 16851b |
| 13 | 3384 | 50.4 | − 0 26 | 9.5 | *10.3* | G5 | 4 | .. | 39390b |
| 14 | 4482 | 50.4 | −11 32 | 9.2 | *9.3* | A3 | 2 | .. | 39380b |
| 15 | 4693 | 50.4 | −18 12 | 9.5 | *9.8* | F2 | 2 | .. | 38062b |
| 16 | 4781 | 50.4 | −21 26 | 10.0 | 9.9 | Ao | 2 | .. | 39280b |
| 17 | 13669 | 50.4 | −23 22 | 7.9 | 8.3 | Fo | 5 | .. | 39280b |
| 18 | 13878 | 50.4 | −28 3 | 5.76 | 6.4 | A3 | .. | *1,8* | **56**,141 |
| 19 | 14968 | 50.4 | −30 40 | 9.5 | 9.2 | B8 | 2 | .. | 13823b |
| 20 | 12646 | 50.4 | −33 24 | 8.4 | 8.3 | Ao | 7 | .. | 13823b |
| 21 | 12012 | 50.4 | −37 13 | 9.1 | 9.2 | K5 | 1 | .. | 20081b |
| 22 | 12333 | 50.4 | −38 53 | 8.7 | 8.7 | F8 | 4 | .. | 20081b |
| 23 | 12042 | 50.4 | −39 49 | 9.4 | 9.3 | A2 | 3 | .. | 19911b |
| 24 | 12226 | 50.4 | −41 20 | 9.8 | 9.3 | A2 | 2 | .. | 19911b |
| 25 | 12150 | 50.4 | −43 51 | 10.6 | 10.7 | Go | 1 | .. | 17085b |
| 26 | 11938 | 50.4 | −47 22 | 9.9 | 9.8 | F2 | 3 | .. | 17085b |
| 27 | 12179 | 50.4 | −48 16 | 8.5 | 9.3 | Ko | 4 | .. | 19938b |
| 28 | 11276 | 50.4 | −51 42 | 9.7 | 9.8 | Ao | 4 | .. | 37621b |
| 29 | 3187 | 50.4 | −66 45 | *8.6* | 9.6 | Ko | 1 | .. | 41598b |
| 30 | 3076 | 50.5 | +34 11 | 8.7 | *9.0* | F | 2 | .. | 37871i |
| 31 | 2916 | 50.5 | +27 37 | 7.9 | *8.9* | Ko | 2 | .. | 38447i |
| 32 | 3276 | 50.5 | +24 17 | 8.6 | *8.6* | Ao | 3 | .. | 38784i |
| 33 | 3510 | 50.5 | + 9 16 | 8.9 | *9.0* | A2 | 2 | .. | 38781i |
| 34 | 3533 | 50.5 | + 8 55 | 8.6 | *8.6* | Ao | 3 | .. | 38781i |
| 35 | 4564 | 50.5 | −10 23 | 9.8 | *9.8* | Ao | 2 | .. | 38082b |
| 36 | 4722 | 50.5 | −15 47 | 5.94 | *5.94* | Ao | 7 | .. | 39460b |
| 37 | 4959 | 50.5 | −17 51 | 10.2 | *10.3* | A3 | 3 | .. | 38062b |
| 38 | 14970 | 50.5 | −30 16 | 7.9 | 8.8 | B8 | 5 | .. | 13823b |
| 39 | *11944* | 50.5 | −48 0 | 8.7 | 8.9 | F5 | 7 | .. | 19938b |
| 40 | 11824 | 50.5 | −49 14 | 10.6 | 10.1 | Ao | 1 | .. | 19938b |
| 41 | 11652 | 50.5 | −50 8 | 9.89 | 10.7 | K5 | 1 | .. | 37621b |
| 42 | 1786 | 50.6 | +60 5 | 9.5 | *10.9* | Ma | .. | .. | M |
| 43 | 3511 | 50.6 | + 9 49 | 8.6 | *8.6* | B8 | 5 | .. | 38781i |
| 44 | 3543 | 50.6 | + 5 57 | 10.5 | *10.6* | A2 | 3 | .. | 16851b |
| 45 | 3428 | 50.6 | + 2 30 | 9.3 | *9.3* | A | 2 | .. | 14148b |
| 46 | 3427 | 50.6 | + 2 6 | 6.73 | *6.81* | A3 | 6 | *1,7* | 38464i |
| 47 | 3810 | 50.6 | + 0 29 | 8.7 | *8.7* | Ao | 7 | .. | 14148b |
| 48 | 4791 | 50.6 | −13 11 | 10.7 | *10.8* | A3 | 2 | .. | 39380b |
| 49 | 4724 | 50.6 | −15 10 | 8.65 | *9.65* | Ko | 4 | .. | 38062b |
| 50 | 4698 | 50.6 | −18 55 | 10.4 | *10.4* | B9 | 2 | .. | 39400b |
| 51 | *4699* | 50.6 | −19 1 | 10.0 | *10.0* | B9 | 3 | .. | 39400b |
| 52 | 4785 | 50.6 | −21 37 | 10.7 | 10.0 | A2 | 1 | .. | 39280b |
| 53 | 12470 | 50.6 | −25 8 | 10.9 | 9.5 | A2 | 2 | .. | 39280b |
| 54 | 12297 | 50.6 | −34 14 | 9.4 | 8.6 | Fo | 5 | .. | 13823b |
| 55 | 12335 | 50.6 | −38 45 | 11.8 | 9.9 | Ao | 1 | .. | 20081b |
| 56 | 12048 | 50.6 | −39 30 | 10.0 | 9.6 | Ao | 2 | .. | 20081b |
| 57 | 12667 | 50.6 | −42 21 | 10.1 | 9.6 | A2 | 1 | .. | 19911b |
| 58 | 12215 | 50.6 | −44 46 | 8.3 | 8.6 | F8 | 8 | .. | 17085b |
| 59 | 12051 | 50.6 | −45 31 | 11.0 | 10.6 | A2 | 2 | .. | 17085b |
| 60 | 8588 | 50.6 | −54 34 | 8.2 | 9.0 | K5 | 3 | .. | 17453b |
| 61 | 8395 | 50.6 | −55 23 | *9.1* | 9.9 | G5 | 1 | .. | 17453b |
| 62 | 2236 | 50.6 | −71 27 | *9.0* | 9.1 | A2 | 6 | *0,3* | 21336b |
| 63 | 3301 | 50.7 | +15 18 | 7.9 | *8.4* | F8 | 3 | .. | 37959i |
| 64 | 3539 | 50.7 | + 1 0 | 10.1 | *10.7* | Go | 3 | .. | 14148b |
| 65 | 4500 | 50.7 | − 2 46 | 8.8 | *8.8* | Ao | 2 | .. | 24207b |
| 66 | 4678 | 50.7 | − 6 40 | 8.2 | *8.5* | F2 | 4 | .. | 24207b |
| 67 | 4725 | 50.7 | −15 2 | 9.8 | *9.8* | Ao | 3 | .. | 38062b |
| 68 | 4726 | 50.7 | −15 19 | 8.9 | *9.9* | Ko | 3 | .. | 38062b |
| 69 | 13657 | 50.7 | −24 40 | 9.0 | 9.8 | K2 | 2 | .. | 39280b |
| 70 | 12143 | 50.7 | −27 6 | 8.3 | 8.3 | B9 | 3 | .. | 13838b |
| 71 | 13884 | 50.7 | −28 7 | 9.7 | 8.9 | A2 | 1 | .. | 13838b |
| 72 | 14850 | 50.7 | −31 29 | 10.4 | 9.2 | Ao | 3 | .. | 13823b |
| 73 | 12018 | 50.7 | −37 12 | 10.9 | 8.9 | A2 | 1 | .. | 20081b |
| 74 | 12337 | 50.7 | −38 4 | 7.42 | 8.1 | Ko | 7 | .. | 20081b |
| 75 | 12049 | 50.7 | −39 5 | 6.70 | 7.4 | Ao | 4 | .. | 5172b |
| 76 | 12231 | 50.7 | −41 42 | 4.89 | 7.4 | Ma | .. | *5,10* | **28**,212 |
| 77 | 12053 | 50.7 | −45 11 | 10.6 | 10.3 | Go | 1 | .. | 17085b |
| 78 | 12052 | 50.7 | −45 26 | 8.1 | 8.0 | A3 | 10 | .. | 17085b |
| 79 | 11653 | 50.7 | −50 35 | 8.9 | 9.5 | Fo | 6 | .. | 37621b |
| 80 | 10939 | 50.7 | −52 43 | *9.3* | 10.4 | K2 | 1 | .. | 37621b |
| 81 | 3376 | 50.8 | +25 38 | 8.8 | *8.8* | Ao | 1 | .. | 38784i |
| 82 | 3249 | 50.8 | +21 37 | 8.2 | *9.0* | G5 | 3 | .. | 38784i |
| 83 | 3290 | 50.8 | +11 39 | 8.5 | *9.7* | K5 | 1 | .. | 38781i |
| 84 | 3512 | 50.8 | + 9 17 | 10.5 | *11.5* | Ko | 1 | .. | 16851b |
| 85 | 3534 | 50.8 | + 8 36 | 7.9 | *8.4* | F8 | 4 | .. | 38781i |
| 86 | 3385 | 50.8 | − 0 53 | 9.1 | *10.2* | K2 | 2 | .. | 14148b |
| 87 | 4531 | 50.8 | − 7 23 | 9.8 | *9.9* | A2 | 3 | .. | 38082b |
| 88 | 4792 | 50.8 | −13 26 | 9.5 | *9.5* | Ao | 3 | .. | 39380b |
| 89 | 4826 | 50.8 | −14 38 | 10.4 | *11.2* | G5 | 1 | .. | 39380b |
| 90 | 4700 | 50.8 | −18 50 | 9.8 | *9.9* | A2 | 2 | .. | 39400b |
| 91 | 13659 | 50.8 | −24 24 | 8.1 | 8.3 | A3 | 6 | .. | 39280b |
| 92 | 12567 | 50.8 | −26 5 | 11.2 | 9.8 | Ao | 1 | .. | 39280b |
| 93 | 14981 | 50.8 | −30 39 | 8.3 | 8.6 | B8 | 3 | .. | 13823b |
| 94 | 12654 | 50.8 | −33 11 | 10.0 | 9.7 | Ao | 2 | .. | 13823b |
| 95 | 12304 | 50.8 | −34 54 | 9.6 | 8.1 | A2 | 5 | .. | 20081b |
| 96 | 12218 | 50.8 | −44 48 | 10.6 | 10.1 | Fo | 1 | .. | 17085b |
| 97 | 11986 | 50.8 | −46 16 | 10.1 | 10.3 | A2 | 3 | .. | 17085b |
| 98 | 8397 | 50.8 | −55 29 | 8.7 | 8.7 | F2 | 4 | .. | 17453b |
| 99 | 3239 | 50.9 | +40 28 | 8.6 | *8.6* | Ao | 1 | .. | 37220i |
| 100 | 3485 | 50.9 | +13 52 | 8.7 | *8.8* | A3 | 1 | .. | 37959i |



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1922ApJar 97....1C



## 163400 — 17h 50m.9

| H.D | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3329 | 50.9 | +10 41 | 8.6 | *10.0* | Ma | 2 | .. | 16851b |
| 2 | 3533 | 50.9 | + 3 46 | 8.0 | *9.2* | K5 | 3 | .. | 14148b |
| 3 | 3419 | 50.9 | − 1 24 | 8.3 | *9.7* | Ma | 2 | .. | 14148b |
| 4 | 4532 | 50.9 | − 7 2 | 10.4 | *10.4* | Ao | 1 | .. | 38082b |
| 5 | 4565 | 50.9 | −10 10 | 8.96 | *9.52* | Go | 4 | *2,3* | 38082b |
| 6 | 4794 | 50.9 | −13 11 | 10.2 | *10.3* | A2 | 2 | .. | 39380b |
| 7 | 4728 | 50.9 | −15 3 | 9.44 | *9.94* | F8 | 2 | .. | 38062b |
| 8 | 4704 | 50.9 | −18 58 | 10.4 | *10.4* | Ao | 3 | .. | 39400b |
| 9 | 4763 | 50.9 | −19 5 | 10.4 | 9.4 | B9 | 3 | .. | 39400b |
| 10 | 14858 | 50.9 | −31 29 | 10.4 | 9.2 | B5 | 3 | .. | 13823b |
| 11 | 12655 | 50.9 | −33 31 | 9.8 | 9.7 | Ao | 2 | .. | 13823b |
| 12 | 12341 | 50.9 | −38 52 | 9.4 | 9.0 | Ao | 4 | .. | 20081b |
| 13 | 12233 | 50.9 | −41 56 | 7.4 | 7.9 | G5 | 7 | .. | 19911b |
| 14 | 12189 | 50.9 | −48 18 | 9.1 | 9.8 | Ko | 1 | .. | 19938b |
| 15 | 2469 | 50.9 | −70 40 | *8.8* | 9.4 | Go | 2 | .. | 21336b |
| 16 | 2273 | 51.0 | +51 37 | 8.7 | *9.7* | Ko | 1 | .. | 38778i |
| 17 | 2789 | 51.0 | +44 11 | 8.6 | *8.6* | Ao | 2 | .. | 37220i |
| 18 | 2951 | 51.0 | +42 41 | 7.58 | *8.58* | Ko | 4 | *5,4* | 37202i |
| 19 | 3513 | 51.0 | + 9 21 | 10.1 | *10.1* | Ao | 2 | .. | 16851b |
| 20 | 3514 | 51.0 | + 9 12 | 9.8 | *9.8* | Ao | 4 | .. | 16851b |
| 21 | 3551 | 51.0 | + 4 33 | 9.3 | *9.6* | Fo | 2 | .. | 14148b |
| 22 | 4374 | 51.0 | − 4 34 | 7.65 | *7.63* | B9 | 6 | .. | 24207b |
| 23 | 4537 | 51.0 | − 5 19 | 8.2 | *9.4* | K5 | 2 | .. | 24207b |
| 24 | 4621 | 51.0 | − 9 36 | 9.2 | *9.7* | F8 | 2 | .. | 38082b |
| 25 | 4661 | 51.0 | −16 32 | 9.2 | *9.3* | A5 | 4 | .. | 38062b |
| 26 | 4707 | 51.0 | −18 57 | 9.8 | *9.8* | B8 | 4 | .. | 39400b |
| 27 | 4764 | 51.0 | −19 19 | 8.7 | 8.2 | Ao | 6 | .. | 38062b |
| 28 | 13678 | 51.0 | −23 55 | 6.85 | 8.5 | K5 | 6 | .. | 40711b |
| 29 | 13662 | 51.0 | −24 59 | 8.60 | 8.6 | B8 | 5 | .. | 39280b |
| 30 | 13544 | 51.0 | −32 2 | 8.4 | 8.2 | B5 | 7 | .. | 13823b |
| 31 | 12656 | 51.0 | −33 50 | 9.4 | 10.0 | G5 | 1 | .. | 13823b |
| 32 | 12096 | 51.0 | −35 57 | 10.0 | 8.9 | F8 | 2 | .. | 20081b |
| 33 | 12058 | 51.0 | −39 7 | 6.39 | 7.1 | Ao | 6 | .. | 5172b |
| 34 | 12238 | 51.0 | −41 10 | 9.0 | 9.6 | K5 | 1 | .. | 19911b |
| 35 | 12236 | 51.0 | −41 30 | 9.0 | 9.0 | A2 | 3 | .. | 19911b |
| 36 | 11279 | 51.0 | −51 36 | 10.3 | 10.4 | Ko | 2 | .. | 37621b |
| 37 | 3195 | 51.0 | −66 24 | *9.0* | 10.1 | K2 | 1 | .. | 41598b |
| 38 | 951 | 51.1 | +69 12 | 8.8 | *8.9* | A2 | 2 | .. | 38095i |
| 39 | 3277 | 51.1 | +24 14 | 8.7 | *8.7* | Ao | 4 | .. | 38784i |
| 40 | 3466 | 51.1 | +19 27 | 7.9 | *8.9* | Ko | 1 | .. | 38784i |
| 41 | 3291 | 51.1 | +11 49 | 8.5 | *9.3* | G5 | 3 | .. | 38781i |
| 42 | 3544 | 51.1 | + 5 11 | 7.9 | *7.9* | B8 | 10 | .. | 16851b |
| 43 | 3541 | 51.1 | + 1 27 | 9.1 | *9.7* | Go | 2 | .. | 14148b |
| 44 | 3421 | 51.1 | − 1 27 | 9.8 | *10.2* | F5 | 2 | R | 39390b |
| 45 | | 51.1 | − 1 27 | | | A2 | | | |
| 46 | 4679 | 51.1 | − 6 33 | 9.0 | *10.1* | K2 | 4 | .. | 38082b |
| 47 | 4486 | 51.1 | −11 55 | 8.6 | *9.6* | Ko | 2 | .. | 39380b |
| 48 | 4827 | 51.1 | −14 58 | 10.7 | *11.0* | Fo | 3 | .. | 39380b |
| 49 | 4729 | 51.1 | −15 41 | 8.2 | *9.2* | Ko | 5 | .. | 38062b |
| 50 | 4709 | 51.1 | −18 56 | 10.4 | *10.4* | Ao | 2 | .. | 39400b |
| 51 | 13681 | 51.1 | −23 8 | 10.0 | 9.1 | B8 | 3 | .. | 39280b |
| 52 | 13894 | 51.1 | −28 10 | 10.2 | 9.5 | Go | 1 | .. | 17092b |
| 53 | 13895 | 51.1 | −28 14 | 10.4 | 9.2 | B | 2 | .. | 17092b |
| 54 | *14987* | 51.1 | −31 0 | 7.9 | 8.3 | Oe5 | 4 | R | 13823b |
| 55 | 12101 | 51.1 | −35 15 | 9.4 | 8.9 | A3 | 3 | .. | 20081b |
| 56 | 12344 | 51.1 | −38 36 | 10.4 | 9.6 | Ko | 1 | .. | 20081b |
| 57 | 12223 | 51.1 | −44 57 | 8.87 | 9.0 | Go | 7 | .. | 17085b |
| 58 | 11991 | 51.1 | −46 15 | 10.6 | 9.8 | A5 | 4 | .. | 17085b |
| 59 | 11948 | 51.1 | −47 15 | 9.3 | 9.5 | Ao | 6 | .. | 17085b |
| 60 | 11656 | 51.1 | −50 49 | 9.3 | 9.2 | F8 | 4 | .. | 37621b |
| 61 | 11280 | 51.1 | −51 32 | 10.3 | 10.1 | Ao | 2 | .. | 37621b |
| 62 | 10940 | 51.1 | −52 33 | 8.7 | 8.9 | Ao | 7 | .. | 37621b |
| 63 | 2470 | 51.1 | −70 24 | *8.9* | 9.2 | Fo | 5 | *5,4* | 21336b |
| 64 | 2156 | 51.1 | −72 6 | *8.5* | 9.7 | K5 | 1 | .. | 21336b |
| 65 | 958 | 51.2 | +70 9 | 8.2 | *9.4* | K5 | 1 | .. | 38095i |
| 66 | 1787 | 51.2 | +60 25 | 6.82 | *6.88* | A2 | 8 | .. | 38505i |
| 67 | 2110 | 51.2 | +52 23 | 8.2 | *8.5* | F2 | 2 | .. | 38778i |
| 68 | 3032 | 51.2 | +38 28 | 8.3 | *8.9* | Go | 2 | .. | 37871i |
| 69 | 3606 | 51.2 | +20 5 | 8.45 | *9.23* | G5 | 1 | .. | 38784i |
| 70 | 3516 | 51.2 | + 9 46 | 7.9 | *9.3* | Ma | 1 | .. | 38781i |
| 71 | 3534 | 51.2 | + 3 0 | 7.9 | *8.0* | A2 | 7 | .. | 14148b |
| 72 | 3813 | 51.2 | + 0 42 | 5.73 | *5.56* | B3 | 8 | .. | 38464i |
| 73 | 4487 | 51.2 | −11 1 | 9.8 | *9.8* | Ao | 2 | .. | 39380b |
| 74 | 4796 | 51.2 | −13 6 | 10.0 | *10.6* | Go | 2 | .. | 39380b |
| 75 | 4731 | 51.2 | −15 25 | 9.5 | *10.3* | G5 | 3 | .. | 39380b |
| 76 | 4711 | 51.2 | −18 51 | 10.2 | *10.2* | Ao | 3 | .. | 39400b |
| 77 | 4769 | 51.2 | −19 2 | 10.2 | 9.4 | A | 3 | .. | 39400b |
| 78 | 4770 | 51.2 | −19 5 | 10.2 | 9.7 | A | 1 | .. | 39400b |
| 79 | 12482 | 51.2 | −25 22 | 10.9 | 9.2 | B9 | 2 | .. | 39280b |
| 80 | 12157 | 51.2 | −27 52 | 10.4 | 9.5 | Ao | 2 | .. | 17092b |
| 81 | 13901 | 51.2 | −28 27 | 10.2 | 9.5 | A | 1 | .. | 17092b |
| 82 | 12103 | 51.2 | −35 59 | 6.88 | 7.1 | Ao | 4 | .. | 3660b |
| 83 | 12347 | 51.2 | −38 14 | 8.0 | 9.6 | K5 | 1 | .. | 20081b |
| 84 | 12061 | 51.2 | −39 13 | 10.4 | 11.0 | Ao | 2 | .. | 20081b |
| 85 | 11829 | 51.2 | −49 41 | 9.2 | 10.1 | Ko | 2 | .. | 19938b |
| 86 | 8524 | 51.2 | −56 14 | 7.3 | 8.1 | Ma | 6 | .. | 17453b |
| 87 | 351 | 51.2 | −86 42 | *8.8* | 9.3 | F8 | 6 | *6,6* | 22578b |
| 88 | 3552 | 51.3 | + 4 54 | 8.64 | *9.71* | K2 | 1 | .. | 16851b |
| 89 | 3553 | 51.3 | + 4 51 | 7.80 | *8.87* | K2 | 5 | .. | 16851b |
| 90 | 4505 | 51.3 | − 2 13 | 9.5 | *10.0* | F8 | 3 | .. | 39390b |
| 91 | 4504 | 51.3 | − 2 47 | 8.4 | *8.5* | A2 | 5 | .. | 24207b |
| 92 | *4529* | 51.3 | − 9 0 | 8.4 | *9.0* | Go | 6 | .. | 38082b |
| 93 | 4966 | 51.3 | −17 16 | 9.5 | *9.6* | A3 | 4 | .. | 38062b |
| 94 | 4715 | 51.3 | −18 5 | 10.7 | *11.2* | F8 | 1 | .. | 39400b |
| 95 | 4922 | 51.3 | −20 12 | 9.2 | 10.4 | K5 | 1 | .. | 39280b |
| 96 | 12163 | 51.3 | −27 33 | 10.2 | 9.5 | A2 | 1 | .. | 17092b |
| 97 | 12023 | 51.3 | −37 26 | 9.6 | 8.7 | Fo | 3 | .. | 20081b |
| 98 | 12243 | 51.3 | −41 26 | 9.6 | 9.1 | Ao | 3 | .. | 19911b |
| 99 | 11995 | 51.3 | −46 17 | 9.1 | 9.5 | Fo | 6 | .. | 17085b |
| 100 | 11996 | 51.3 | −46 47 | 10.1 | 10.4 | Ao | 1 | .. | 17085b |



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## 163500 — 17h 51m.3

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 10941 | 51.3 | −52 51 | *9.3* | 10.1 | G5 | 1 | .. | 37621b |
| 2 | 7200 | 51.3 | −59 47 | 8.8 | 10.1 | K2 | 1 | .. | 17453b |
| 3 | 352 | 51.3 | −86 3 | *8.9* | 9.9 | Ko | 4 | 5,4 | 22578b |
| 4 | 2596 | 51.4 | +48 32 | 8.2 | *9.0* | G5 | 2 | .. | 38778i |
| 5 | 3123 | 51.4 | +31 20 | 8.8 | *9.8* | Ko | 1 | .. | 38447i |
| 6 | 3120 | 51.4 | +26 4 | 5.48 | *5.90* | F5p | 10 | 0, R | 38784i |
| 7 | 3509 | 51.4 | + 7 58 | 9.1 | *9.9* | G5 | 3 | .. | 16851b |
| 8 | 3508 | 51.4 | + 7 31 | 9.8 | *10.3* | F8 | 1 | .. | 16851b |
| 9 | 3575 | 51.4 | + 6 47 | 8.9 | *9.9* | Ko | 3 | .. | 16851b |
| 10 | 3423 | 51.4 | − 1 24 | 9.3 | *9.4* | A2 | 3 | .. | 39390b |
| 11 | 4533 | 51.4 | − 7 43 | 9.3 | *9.4* | A2 | 4 | .. | 38082b |
| 12 | 4798 | 51.4 | −13 39 | 8.0 | *8.1* | A3 | 5 | .. | 39460b |
| 13 | 4662 | 51.4 | −16 39 | 8.8 | *9.4* | Go | 4 | .. | 38062b |
| 14 | 4720 | 51.4 | −18 11 | 9.2 | *9.2* | B8 | 3 | .. | 38062b |
| 15 | 4718 | 51.4 | −18 57 | 10.7 | *10.8* | A3 | 2 | .. | 39400b |
| 16 | 12484 | 51.4 | −25 4 | 8.95 | 8.4 | A2 | 5 | .. | 39280b |
| 17 | 13907 | 51.4 | −28 33 | 9.3 | 10.1 | K2 | 1 | .. | 17092b |
| 18 | 14250 | 51.4 | −29 33 | 9.7 | 8.6 | B8 | 3 | .. | 13823b |
| 19 | 12661 | 51.4 | −33 56 | 8.7 | 7.9 | Ao | 6 | .. | 20081b |
| 20 | 12025 | 51.4 | −37 20 | 8.1 | 8.0 | F2 | 7 | .. | 20081b |
| 21 | 12349 | 51.4 | −38 10 | 8.7 | 8.7 | F5 | 4 | .. | 20081b |
| 22 | 12681 | 51.4 | −42 28 | 8.6 | 8.1 | Bop | 5 | R | 19911b |
| 23 | 12160 | 51.4 | −43 48 | 11.0 | 10.4 | Go | 1 | .. | 17085b |
| 24 | 11952 | 51.4 | −47 2 | 10.6 | 11.0 | Ma | .. | .. | M |
| 25 | 11660 | 51.4 | −50 41 | 9.5 | 10.1 | G5 | 4 | .. | 37621b |
| 26 | 5760 | 51.4 | −62 9 | *8.5* | 8.6 | A2 | 7 | .. | 20144b |
| 27 | 1228 | 51.4 | −76 32 | *8.8* | 9.9 | K2 | 1 | .. | 19008b |
| 28 | 2707 | 51.5 | +49 48 | 8.6 | *9.6* | Ko | 2 | .. | 38778i |
| 29 | 3381 | 51.5 | +25 8 | 8.06 | *8.14* | A3 | 5 | *1,2* | 38784i |
| 30 | 3278 | 51.5 | +24 28 | 8.2 | *8.5* | Fo | 3 | .. | 38784i |
| 31 | 3487 | 51.5 | +13 41 | 8.1 | *8.2* | A2 | 2 | .. | 37959i |
| 32 | 4376 | 51.5 | − 4 4 | 5.60 | *6.60* | Ko | .. | 0,10 | 56,141 |
| 33 | 4876 | 51.5 | −12 51 | 9.3 | *9.3* | Ao | 3 | .. | 39380b |
| 34 | 4828 | 51.5 | −14 31 | 8.8 | *9.4* | Go | 7 | .. | 39380b |
| 35 | 4722 | 51.5 | −18 3 | 9.2 | *9.1* | B5 | 4 | .. | 38062b |
| 36 | 4723 | 51.5 | −18 56 | 8.7 | *9.5* | G5 | 6 | .. | 38062b |
| 37 | 13674 | 51.5 | −24 51 | 11.8 | 10.4 | B9 | 1 | .. | 39280b |
| 38 | 13909 | 51.5 | −28 37 | 9.2 | 8.1 | B9 | 1 | .. | 13838b |
| 39 | 12351 | 51.5 | −38 10 | 10.4 | 9.6 | Ao | 2 | .. | 20081b |
| 40 | 12022 | 51.5 | −40 1 | 8.48 | 8.5 | B8 | 5 | .. | 19911b |
| 41 | 12226 | 51.5 | −44 20 | 10.6 | 10.3 | Ao | 2 | .. | 17085b |
| 42 | 11835 | 51.5 | −49 28 | 10.6 | 10.1 | Ao | 1 | .. | 19938b |
| 43 | 11285 | 51.5 | −51 7 | 10.1 | 10.1 | F5 | 2 | .. | 37621b |
| 44 | 3198 | 51.5 | −66 27 | *8.3* | 8.3 | Ao | 6 | .. | 42525b |
| 45 | 105 | 51.6 | +88 44 | 8.20 | *9.20* | Ko | 3 | .. | 37793i |
| 46 | 3216 | 51.6 | +23 53 | 8.5 | *9.5* | Ko | 1 | .. | 38784i |
| 47 | 3237 | 51.6 | +22 28 | 5.69 | *6.76* | K2 | 7 | .. | 38784i |
| 48 | 3538 | 51.6 | + 8 53 | 10.5 | *10.6* | A2 | 2 | .. | 16851b |
| 49 | 3537 | 51.6 | + 8 35 | 9.8 | *9.8* | Ao | 4 | .. | 16851b |
| 50 | 4681 | 51.6 | − 6 40 | 9.2 | *9.8* | Go | 2 | .. | 24207b |
| 51 | 4799 | 51.6 | −13 9 | 10.0 | *10.0* | Ao | 2 | .. | 39380b |
| 52 | 4725 | 51.6 | −18 41 | 8.9 | *8.9* | Ao | 4 | .. | 38062b |
| 53 | 4772 | 51.6 | −19 57 | 8.58 | 8.5 | F5 | 5 | .. | 39280b |
| 54 | 13675 | 51.6 | −24 46 | 10.0 | 9.5 | Ao | 4 | .. | 39280b |
| 55 | 15000 | 51.6 | −30 3 | 7.68 | 8.0 | B8 | 7 | .. | 13823b |
| 56 | 14878 | 51.6 | −31 31 | 10.4 | 9.7 | Go | 2 | .. | 13823b |
| 57 | 13558 | 51.6 | −32 58 | 10.2 | 8.9 | B9 | 3 | .. | 13823b |
| 58 | 12068 | 51.6 | −39 30 | 10.0 | 9.6 | Ao | 2 | .. | 20081b |
| 59 | 12686 | 51.6 | −42 43 | 8.5 | 9.3 | K5 | 3 | .. | 19911b |
| 60 | 12002 | 51.6 | −46 43 | 10.6 | 10.7 | K2 | 1 | .. | 17085b |
| 61 | 12196 | 51.6 | −48 27 | 9.3 | 9.8 | Ko | 1 | .. | 19938b |
| 62 | 10944 | 51.6 | −52 24 | 8.5 | 9.5 | Ko | 5 | .. | 37621b |
| 63 | 7306 | 51.6 | −58 45 | 9.2 | 9.8 | G5 | 2 | .. | 17453b |
| 64 | 5761 | 51.6 | −62 18 | *8.6* | 9.8 | K5 | 1 | .. | 20144b |
| 65 | 3244 | 51.7 | +40 26 | 8.5 | *8.5* | Ao | 2 | .. | 37220i |
| 66 | 4682 | 51.7 | − 6 41 | 9.2 | *9.2* | Ao | 4 | .. | 24207b |
| 67 | 4534 | 51.7 | − 7 16 | 8.9 | *10.0* | K2 | 4 | .. | 38082b |
| 68 | 4531 | 51.7 | − 8 3 | 7.8 | *8.4* | Go | 7 | .. | 38082b |
| 69 | 4666 | 51.7 | −16 39 | 10.2 | *11.0* | G5 | 2 | .. | 38062b |
| 70 | 4775 | 51.7 | −19 8 | 9.5 | 9.2 | B9 | 2 | .. | 38062b |
| 71 | 4774 | 51.7 | −19 53 | 8.93 | 9.5 | Ko | 3 | .. | 39280b |
| 72 | 4924 | 51.7 | −20 37 | 8.8 | 8.6 | Fo | 5 | .. | 39280b |
| 73 | 4791 | 51.7 | −21 43 | 10.2 | 10.7 | K5 | 1 | .. | 39280b |
| 74 | 4465 | 51.7 | −22 14 | 9.5 | 10.6 | K5 | 1 | .. | 39280b |
| 75 | 12491 | 51.7 | −25 24 | 10.9 | 9.3 | Go | 2 | .. | 39280b |
| 76 | 14259 | 51.7 | −29 3 | 9.3 | 8.8 | B8 | 4 | .. | 13823b |
| 77 | 14261 | 51.7 | −29 34 | 9.2 | 9.7 | K2 | 2 | .. | 13823b |
| 78 | 12036 | 51.7 | −37 57 | 8.0 | 8.0 | Ko | 4 | .. | 20081b |
| 79 | 12023 | 51.7 | −40 35 | 8.7 | 8.5 | A2 | 6 | .. | 19911b |
| 80 | 12228 | 51.7 | −44 31 | 9.2 | 9.2 | A2 | 8 | .. | 17085b |
| 81 | 12199 | 51.7 | −48 11 | 11.0 | 10.4 | A2 | 1 | .. | 19938b |
| 82 | 11662 | 51.7 | −50 59 | 10.6 | 10.8 | Ma | 1 | .. | 37621b |
| 83 | 8404 | 51.7 | −55 37 | *10.1* | 10.2 | A3 | 1 | .. | 37621b |
| 84 | 6981 | 51.7 | −60 21 | *9.8* | 9.8 | Ao | 1 | .. | 42469b |
| 85 | 5762 | 51.7 | −62 30 | *8.5* | 8.6 | A2 | 8 | .. | 20144b |
| 86 | 1385 | 51.8 | +63 10 | 8.6 | *9.6* | Ko | 1 | .. | 38505i |
| 87 | 1859 | 51.8 | +59 58 | 8.96 | *9.96* | K | 1 | .. | 38505i |
| 88 | 2033 | 51.8 | +56 53 | 3.90 | *4.90* | Ko | .. | R | 2588c |
| 89 | 2620 | 51.8 | +45 33 | 8.2 | *9.0* | G5 | 5 | .. | 37844i |
| 90 | 3004 | 51.8 | +32 28 | 7.20 | *7.20* | Ao | 5 | .. | 37871i |
| 91 | 3557 | 51.8 | + 4 50 | 8.45 | *8.43* | B9 | 5 | .. | 16851b |
| 92 | 3556 | 51.8 | + 4 23 | 7.9 | *7.9* | B9 | 8 | 1,3 | 14148b |
| 93 | 4967 | 51.8 | −17 40 | 9.8 | *10.6* | G5 | 2 | .. | 38062b |
| 94 | *4730* | 51.8 | −19 1 | 10.2 | *10.2* | Ao | 2 | .. | 38062b |
| 95 | 4467 | 51.8 | −22 5 | 10.7 | 10.3 | Ao | 1 | .. | 39280b |
| 96 | 4468 | 51.8 | −22 34 | 9.5 | 9.1 | Ao | 4 | .. | 39280b |
| 97 | 12174 | 51.8 | −27 28 | 9.7 | 9.2 | Ao | 1 | .. | 17092b |
| 98 | 13565 | 51.8 | −32 23 | 9.4 | 8.8 | Ao | 6 | .. | 13823b |
| 99 | 13564 | 51.8 | −32 53 | 9.8 | 9.4 | K5 | 1 | .. | 13823b |
| 100 | 12673 | 51.8 | −33 19 | 10.4 | 9.7 | B9 | 2 | .. | 13823b |



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## 163600 — 17h 51m.8

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12314 | 51.8 | −34 26 | 10.2 | 8.9 | B8 | 3 | .. | 13823b |
| 2 | 12113 | 51.8 | −35 3 | 8.57 | 8.7 | Ko | 3 | .. | 20081b |
| 3 | 12112 | 51.8 | −35 8 | 9.18 | 9.0 | Ko | 1 | .. | 20081b |
| 4 | 12055 | 51.8 | −36 26 | 10.7 | 8.9 | A2 | 2 | R | 20081b |
| 5 | 12200 | 51.8 | −48 6 | 9.3 | 9.3 | Ao | 4 | .. | 19938b |
| 6 | 11841 | 51.8 | −49 12 | 9.9 | 10.1 | Ao | 2 | .. | 19938b |
| 7 | 2034 | 51.9 | +56 24 | 8.3 | *9.1* | G5 | 2 | .. | 38015i |
| 8 | 2621 | 51.9 | +45 13 | 7.97 | *7.97* | Ao | 6 | .. | 37844i |
| 9 | 3253 | 51.9 | +21 29 | 8.1 | *8.9* | G5 | 2 | .. | 38784i |
| 10 | 3576 | 51.9 | + 6 51 | 7.7 | *8.9* | K5 | 5 | .. | 16851b |
| 11 | 3547 | 51.9 | + 5 0 | 7.46 | *7.88* | F5 | 7 | 5,4 | 16851b |
| 12 | 4776 | 51.9 | −19 27 | 9.2 | 8.8 | A3 | 3 | .. | 39280b |
| 13 | 13921 | 51.9 | −28 7 | 9.2 | 8.0 | B5 | 4 | .. | 13838b |
| 14 | 12260 | 51.9 | −41 5 | 8.7 | 9.3 | Ao | 2 | .. | 19911b |
| 15 | 11960 | 51.9 | −47 46 | 8.4 | 8.3 | F8 | 7 | .. | 19938b |
| 16 | 11845 | 51.9 | −49 51 | 9.9 | 10.1 | Ao | 3 | .. | 37621b |
| 17 | 10947 | 51.9 | −52 27 | 7.4 | 8.4 | K2 | 6 | .. | 37621b |
| 18 | 8530 | 51.9 | −56 56 | 7.3 | 8.1 | Ko | 6 | .. | 17453b |
| 19 | 2708 | 52.0 | +49 39 | 8.6 | *9.6* | Ko | 1 | .. | 38778i |
| 20 | 2924 | 52.0 | +41 29 | 8.7 | *9.3* | Go | 2 | .. | 37220i |
| 21 | 2975 | 52.0 | +36 11 | 8.00 | *8.78* | G5 | 3 | .. | 37871i |
| 22 | 3295 | 52.0 | +11 53 | 8.3 | *9.1* | G5 | 3 | .. | 38781i |
| 23 | 3817 | 52.0 | + 0 22 | 9.5 | *10.1* | Go | 2 | .. | 14148b |
| 24 | 3816 | 52.0 | + 0 5 | 6.14 | *6.20* | A2 | 8 | .. | 38464i |
| 25 | 4490 | 52.0 | −11 32 | 7.8 | *8.4* | Go | 4 | .. | 39460b |
| 26 | 4740 | 52.0 | −15 19 | 10.7 | *11.3* | Go | 3 | .. | 39380b |
| 27 | 4739 | 52.0 | −15 34 | 10.7 | *11.5* | G5 | 1 | .. | 39380b |
| 28 | 4667 | 52.0 | −16 47 | 9.0 | *10.0* | Ko | 2 | .. | 38062b |
| 29 | 4970 | 52.0 | −17 7 | 10.0 | *10.8* | G5 | 1 | .. | 38062b |
| 30 | 12180 | 52.0 | −27 25 | 10.2 | 9.2 | B8 | 2 | .. | 17092b |
| 31 | 13924 | 52.0 | −28 28 | 10.2 | 9.8 | A2 | 2 | .. | 17092b |
| 32 | 14267 | 52.0 | −29 15 | 9.5 | 8.6 | Ao | 4 | .. | 13823b |
| 33 | 15010 | 52.0 | −30 23 | 9.5 | 9.5 | Ao | 3 | .. | 13823b |
| 34 | 14889 | 52.0 | −31 58 | 9.5 | 8.9 | Ao | 5 | .. | 13823b |
| 35 | 10948 | 52.0 | −52 25 | 8.6 | 8.3 | F2 | 8 | .. | 37621b |
| 36 | 8866 | 52.0 | −53 5 | 8.0 | 7.8 | Ko | 8 | .. | 37621b |
| 37 | 6091 | 52.0 | −61 21 | 9.1 | 9.5 | F8 | 1 | .. | 20144b |
| 38 | 3034 | 52.1 | +38 37 | 8.3 | *8.8* | F8 | 3 | .. | 37871i |
| 39 | 3474 | 52.1 | +19 54 | 7.35 | *7.43* | A3 | 6 | .. | 38784i |
| 40 | 3500 | 52.1 | +18 21 | 6.59 | *6.65* | A2 | 7 | .. | 37959i |
| 41 | 3578 | 52.1 | + 6 31 | 6.16 | *6.16* | Ao | 9 | 0,10 | 37811i |
| 42 | 3577 | 52.1 | + 6 11 | 8.9 | *9.9* | Ko | 4 | .. | 16851b |
| 43 | 4491 | 52.1 | −11 41 | 8.6 | *9.0* | F5 | 2 | .. | 39460b |
| 44 | 4741 | 52.1 | −15 30 | 10.4 | *11.2* | G5 | 2 | .. | 39380b |
| 45 | 4736 | 52.1 | −18 55 | 10.0 | *10.0* | Ao | 3 | .. | 38062b |
| 46 | 4927 | 52.1 | −20 35 | 9.3 | 9.4 | B8 | 3 | .. | 39280b |
| 47 | 12503 | 52.1 | −25 8 | 9.10 | 10.3 | K5 | 1 | .. | 39280b |
| 48 | 12184 | 52.1 | −27 19 | 10.2 | 9.8 | Ao | 1 | .. | 17092b |
| 49 | 12682 | 52.1 | −33 18 | 9.6 | 9.1 | F5 | 3 | .. | 13823b |
| 50 | 12119 | 52.1 | −35 7 | 8.78 | 9.2 | Ko | 1 | .. | 20081b |
| 51 | 12058 | 52.1 | −36 51 | 8.7 | 8.1 | Fo | 5 | .. | 20081b |
| 52 | 12060 | 52.1 | −36 51 | 5.78 | 7.0 | G5 | .. | .. | 56,141 |
| 53 | 12369 | 52.1 | −38 49 | 8.0 | 7.5 | Ao | 9 | .. | 20081b |
| 54 | 11967 | 52.1 | −47 24 | 8.7 | 9.2 | A5 | 6 | .. | 17085b |
| 55 | 11970 | 52.1 | −47 45 | 7.6 | 7.7 | Ao | 10 | .. | 19938b |
| 56 | 8533 | 52.1 | −56 20 | *8.6* | 9.6 | Ko | 1 | .. | 17453b |
| 57 | 3006 | 52.2 | +32 41 | 8.7 | *8.8* | A2 | 2 | .. | 37871i |
| 58 | 3579 | 52.2 | + 6 4 | 9.3 | *10.5* | K5 | 1 | .. | 16851b |
| 59 | 3820 | 52.2 | + 0 12 | 8.7 | *9.9* | K5 | 1 | .. | 14148b |
| 60 | 4623 | 52.2 | − 9 13 | 10.0 | *10.1* | A3 | 2 | .. | 38082b |
| 61 | 4492 | 52.2 | −11 15 | 9.8 | *10.4* | Go | 1 | .. | 39380b |
| 62 | 4802 | 52.2 | −13 11 | 9.3 | *10.3* | Ko | 2 | .. | 39380b |
| 63 | 4803 | 52.2 | −13 24 | 10.2 | *10.3* | A2 | 2 | .. | 39380b |
| 64 | *4793* | 52.2 | −22 0 | 9.8 | 9.4 | Ao | 2 | .. | 39280b |
| 65 | 13705 | 52.2 | −23 41 | 9.0 | 8.5 | Ao | 5 | .. | 40711b |
| 66 | 13695 | 52.2 | −24 0 | 10.7 | 9.8 | B9 | 3 | .. | 39280b |
| 67 | 14893 | 52.2 | −31 47 | 8.9 | 8.6 | Bo | 5 | .. | 13823b |
| 68 | 12171 | 52.2 | −43 43 | 9.1 | 8.9 | B9 | 5 | .. | 19911b |
| 69 | 11291 | 52.2 | −51 8 | 10.6 | 10.4 | Ao | 1 | .. | 37621b |
| 70 | 7310 | 52.2 | −58 26 | 8.1 | 9.8 | K5 | 3 | .. | 17453b |
| 71 | 6984 | 52.2 | −60 46 | 9.2 | 9.3 | F8 | 2 | .. | 20144b |
| 72 | 3433 | 52.2 | −67 33 | *8.6* | 9.8 | K5 | 1 | .. | 41598b |
| 73 | 2242 | 52.2 | −71 1 | *8.7* | 9.5 | G5 | 1 | .. | 41598b |
| 74 | 2791 | 52.3 | +44 1 | 8.2 | *8.6* | F5 | 3 | .. | 37844i |
| 75 | 3502 | 52.3 | +18 38 | 6.69 | *7.69* | Ko | 5 | .. | 38784i |
| 76 | 3334 | 52.3 | +10 44 | 9.3 | *10.1* | G5 | 2 | .. | 16851b |
| 77 | 4570 | 52.3 | −10 21 | 9.8 | *10.6* | G5 | 1 | .. | 38082b |
| 78 | 4804 | 52.3 | −13 4 | 10.7 | *10.7* | Ao | 1 | .. | 39380b |
| 79 | 4668 | 52.3 | −16 47 | 10.4 | *10.5* | A5 | 2 | .. | 38062b |
| 80 | 4777 | 52.3 | −19 16 | 9.2 | 9.9 | K2 | 1 | .. | 38062b |
| 81 | 13697 | 52.3 | −24 46 | 10.9 | 9.8 | B9 | 2 | .. | 39280b |
| 82 | 12606 | 52.3 | −26 4 | 8.3 | 9.3 | Ko | 2 | .. | 17092b |
| 83 | 12187 | 52.3 | −27 30 | 8.5 | 8.4 | B8 | 3 | .. | 13838b |
| 84 | 13934 | 52.3 | −28 2 | 9.5 | 8.9 | Ao | 1 | .. | 13838b |
| 85 | 13936 | 52.3 | −28 45 | 5.95 | 6.0 | B5 | .. | 3,7 | 56,141 |
| 86 | 15023 | 52.3 | −30 19 | 10.0 | 8.9 | B9 | 3 | .. | 13823b |
| 87 | 15022 | 52.3 | −30 55 | 10.2 | 8.9 | B8 | 3 | .. | 13823b |
| 88 | 14894 | 52.3 | −31 7 | 8.9 | 9.2 | K5 | 2 | .. | 13823b |
| 89 | 12062 | 52.3 | −36 39 | 10.4 | 8.9 | B8 | 1 | .. | 20081b |
| 90 | 12042 | 52.3 | −37 33 | 10.4 | 8.9 | Ao | 3 | .. | 20081b |
| 91 | 12370 | 52.3 | −38 33 | 7.01 | 7.9 | K5 | 6 | .. | 20081b |
| 92 | 11850 | 52.3 | −49 5 | 9.9 | 9.8 | Ao | 3 | .. | 19938b |
| 93 | 8604 | 52.3 | −54 20 | 8.4 | 8.7 | G5 | 5 | .. | 17453b |
| 94 | 8534 | 52.3 | −56 16 | *8.8* | 9.6 | G5 | 1 | .. | 17453b |
| 95 | 8834 | 52.3 | −57 22 | *9.4* | 10.8 | Ma | .. | .. | M |
| 96 | 3434 | 52.3 | −67 50 | *7.7* | 8.2 | F8 | 7 | .. | 41598b |
| 97 | 3558 | 52.4 | + 4 53 | 8.50 | *8.92* | F5 | 4 | .. | 16851b |
| 98 | 3425 | 52.4 | − 1 33 | 9.1 | *9.7* | Go | 2 | .. | 39390b |
| 99 | 4624 | 52.4 | − 9 19 | 9.5 | *10.1* | Go | 3 | .. | 38082b |
| 100 | 4743 | 52.4 | −15 23 | 10.4 | *10.5* | A2 | 4 | .. | 39380b |



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## 163700 — 17h 52m.4

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4971 | 52.4 | −17 56 | 10.2 | *10.2* | Ao | 2 | .. | 38062b |
| 2 | 4740 | 52.4 | −18 10 | 9.5 | *10.6* | K2 | 1 | .. | 38062b |
| 3 | 13698 | 52.4 | −24 24 | 9.7 | 9.3 | Ao | 3 | .. | 39280b |
| 4 | 12511 | 52.4 | −25 34 | 11.8 | 10.3 | Ao | 1 | .. | 39280b |
| 5 | 12508 | 52.4 | −25 55 | 11.2 | 9.5 | A5 | 2 | .. | 39280b |
| 6 | 14278 | 52.4 | −29 55 | 9.2 | 8.2 | Fo | 6 | .. | 13823b |
| 7 | 12063 | 52.4 | −36 1 | 7.66 | 8.3 | G5 | 5 | .. | 20081b |
| 8 | 12064 | 52.4 | −36 55 | 6.80 | 7.1 | Ao | 9 | .. | 20081b |
| 9 | 12084 | 52.4 | −39 13 | 10.4 | 9.9 | A2 | 1 | .. | 20081b |
| 10 | 12266 | 52.4 | −41 29 | 8.4 | 8.8 | A3 | 4 | .. | 19911b |
| 11 | 12015 | 52.4 | −46 12 | 9.9 | 9.6 | Ao | 5 | .. | 17085b |
| 12 | 8408 | 52.4 | −55 2 | *9.2* | 9.3 | A2 | 1 | .. | 17453b |
| 13 | 2166 | 52.4 | −72 57 | *8.1* | 8.2 | A3 | 8 | .. | 21336b |
| 14 | 1707 | 52.5 | +61 4 | 7.78 | *8.28* | F8 | 4 | .. | 38505i |
| 15 | 3426 | 52.5 | − 1 46 | 8.4 | *9.6* | K5 | 2 | .. | 39390b |
| 16 | 4625 | 52.5 | − 9 47 | 9.5 | *10.1* | Go | 2 | .. | 38082b |
| 17 | 4495 | 52.5 | −11 57 | 9.2 | *9.8* | Go | 3 | .. | 39380b |
| 18 | .. | 52.5 | −16 51 | .. | .. | Ao | 1 | .. | 38062b |
| 19 | 4778 | 52.5 | −19 14 | 9.2 | 9.9 | Ko | 1 | .. | 38062b |
| 20 | 4929 | 52.5 | −20 16 | 9.5 | 10.0 | Ko | 1 | .. | 39280b |
| 21 | 13701 | 52.5 | −24 12 | 10.7 | 9.8 | A2 | 3 | .. | 39280b |
| 22 | 14281 | 52.5 | −29 32 | 9.5 | 9.7 | Ko | 1 | .. | 17092b |
| 23 | 15027 | 52.5 | −30 45 | 10.0 | 9.2 | A2 | 2 | .. | 13823b |
| 24 | *12129* | 52.5 | −36 0 | 8.4 | 8.0 | Ao | 5 | .. | 20081b |
| 25 | 12046 | 52.5 | −37 17 | 10.2 | 8.7 | B9 | 2 | .. | 20081b |
| 26 | 12045 | 52.5 | −37 52 | var. | var. | Ao | 3 | R | 20081b |
| 27 | 12375 | 52.5 | −38 12 | 10.4 | 9.3 | B9 | 2 | .. | 20081b |
| 28 | 12078 | 52.5 | −45 58 | 10.1 | 10.3 | Ao | 1 | .. | 17085b |
| 29 | 11852 | 52.5 | −49 54 | 7.76 | 8.1 | F8 | 8 | .. | 37621b |
| 30 | 2243 | 52.5 | −71 3 | *8.6* | 9.4 | G5 | 3 | .. | 21336b |
| 31 | 1388 | 52.6 | +63 4 | 7.94 | *8.28* | F2 | 4 | .. | 38505i |
| 32 | 3492 | 52.6 | +13 58 | 7.7 | *7.8* | A2 | 4 | .. | 37959i |
| 33 | 3541 | 52.6 | + 3 23 | 9.1 | *9.9* | G5 | 1 | .. | 14148b |
| 34 | 3822 | 52.6 | + 0 15 | 9.5 | *10.3* | G5 | 1 | .. | 14148b |
| 35 | 4541 | 52.6 | − 5 41 | 9.0 | *9.3* | F2 | 4 | .. | 38082b |
| 36 | 4972 | 52.6 | −17 47 | 10.9 | *10.9* | A | 1 | .. | 39400b |
| 37 | 12517 | 52.6 | −25 24 | 11.2 | 10.1 | A3 | 1 | .. | 39280b |
| 38 | 12615 | 52.6 | −26 48 | 8.9 | 10.0 | Ko | 2 | .. | 17092b |
| 39 | 13944 | 52.6 | −28 4 | 9.7 | 9.2 | Ao | 1 | .. | 13828b |
| 40 | 13943 | 52.6 | −28 53 | 9.0 | 9.0 | Ko | 4 | .. | 17092b |
| 41 | 14903 | 52.6 | −31 55 | 8.7 | 9.7 | K5 | 2 | .. | 13823b |
| 42 | *12686* | 52.6 | −34 0 | 10.2 | 9.5 | Ao | 2 | .. | 13823b |
| 43 | 12066 | 52.6 | −36 5 | 9.4 | 8.7 | Ao | 3 | .. | 20081b |
| 44 | 12042 | 52.6 | −40 43 | 8.4 | 8.2 | B9 | 7 | .. | 19911b |
| 45 | 12270 | 52.6 | −41 28 | 7.2 | 7.0 | B8 | 10 | .. | 19911b |
| 46 | 12702 | 52.6 | −42 31 | 9.7 | 9.6 | Ko | 1 | .. | 19911b |
| 47 | 12177 | 52.6 | −43 37 | 9.9 | 10.6 | Ko | 1 | .. | 17085b |
| 48 | 7311 | 52.6 | −58 5 | 8.8 | 10.2 | A3 | 2 | .. | 17453b |
| 49 | 7205 | 52.6 | −59 55 | 8.66 | 9.2 | Fo | 5 | .. | 17453b |
| 50 | 3336 | 52.7 | +12 38 | 7.26 | *7.76* | F8 | 5 | .. | 38781i |
| 51 | 4626 | 52.7 | − 9 6 | 9.8 | *10.3* | F8 | 1 | .. | 38082b |
| 52 | 12521 | 52.7 | −25 16 | 10.4 | 10.4 | K5 | 1 | .. | 39280b |
| 53 | 12519 | 52.7 | −25 48 | 8.9 | 8.3 | A2 | 3 | .. | 13838b |
| 54 | 12195 | 52.7 | −27 21 | 9.0 | 9.0 | A2 | 1 | .. | 13838b |
| 55 | 15035 | 52.7 | −30 14 | 5.27 | 7.9 | K5 | .. | R | 56,141 |
| 56 | | 52.7 | −30 14 | 7.00 | | | | | |
| 57 | 12687 | 52.7 | −33 43 | 9.0 | 9.2 | Ko | 2 | .. | 13823b |
| 58 | 12072 | 52.7 | −36 0 | 7.26 | 7.1 | Oe | 6 | .. | 20081b |
| 59 | 12092 | 52.7 | −39 3 | 10.2 | 9.9 | Ao | 1 | .. | 20081b |
| 60 | 12179 | 52.7 | −43 47 | 10.1 | 10.4 | Ao | 2 | .. | 17085b |
| 61 | 11976 | 52.7 | −47 32 | 6.88 | 7.0 | B9 | 5 | .. | 4941b |
| 62 | 11975 | 52.7 | −47 44 | 9.2 | 9.8 | Ko | 2 | .. | 19938b |
| 63 | 8839 | 52.7 | −57 16 | *8.3* | 9.3 | Ko | 2 | .. | 17453b |
| 64 | 3762 | 52.7 | −64 14 | *8.9* | 9.0 | A2 | 2 | .. | 20144b |
| 65 | 3206 | 52.7 | −66 5 | *8.3* | 9.5 | K5 | 2 | .. | 41598b |
| 66 | 2168 | 52.7 | −72 21 | *8.0* | 9.2 | K5 | 2 | .. | 21336b |
| 67 | 670 | 52.8 | +77 3 | 7.50 | *8.06* | Go | 3 | .. | 37240i |
| 68 | 1790 | 52.8 | +60 17 | 9.1 | *10.1* | Ko | 1 | .. | 38505i |
| 69 | 2281 | 52.8 | +51 30 | 8.4 | *8.5* | A5 | 3 | .. | 38778i |
| 70 | 2982 | 52.8 | +37 16 | 3.99 | *4.99* | Ko | .. | R | 56,95 |
| 71 | 3390 | 52.8 | +25 13 | 8.7 | *8.8* | A2 | 3 | .. | 38784i |
| 72 | 3299 | 52.8 | +11 4 | 6.50 | *6.50* | Ao | 10 | .. | 38781i |
| 73 | .. | 52.8 | + 8 6 | .. | .. | Ao | 2 | .. | 16851b |
| 74 | 3560 | 52.8 | + 4 27 | 8.7 | *8.7* | B9 | 5 | .. | 14148b |
| 75 | 3435 | 52.8 | + 2 54 | 8.0 | *8.1* | A2 | 3 | 0,2 | 38464i |
| 76 | 4742 | 52.8 | −18 45 | 9.5 | *9.6* | A2 | 4 | .. | 38062b |
| 77 | 12523 | 52.8 | −25 10 | 9.5 | 9.0 | B | 2 | .. | 39280b |
| 78 | 13950 | 52.8 | −28 46 | 10.4 | 9.3 | Ao | 3 | .. | 17092b |
| 79 | 14907 | 52.8 | −31 25 | 8.9 | 8.9 | F8 | 6 | .. | 13823b |
| 80 | 14908 | 52.8 | −31 36 | 10.2 | 9.7 | Ko | 2 | .. | 13823b |
| 81 | 13577 | 52.8 | −32 46 | 10.0 | 10.0 | Ao | 2 | .. | 13823b |
| 82 | 12693 | 52.8 | −33 2 | 10.0 | 9.7 | Ao | 3 | .. | 13823b |
| 83 | 10952 | 52.8 | −52 38 | 9.0 | 11.1 | Ma | 1 | .. | 37621b |
| 84 | 7312 | 52.8 | −58 2 | 8.5 | 10.1 | K2 | 2 | .. | 17453b |
| 85 | 5770 | 52.8 | −62 26 | *9.0* | 9.8 | G5 | 1 | .. | 20144b |
| 86 | 1229 | 52.8 | −76 6 | *9.1* | 9.7 | Go | 2 | .. | 19008b |
| 87 | 814 | 52.9 | +72 30 | 8.8 | *10.0* | K5 | 1 | .. | 38095i |
| 88 | 1057 | 52.9 | +66 26 | 7.67 | *8.67* | Ko | 2 | 2,3 | 38505i |
| 89 | 3274 | 52.9 | +39 27 | 7.7 | *8.3* | Go | 2 | .. | 37871i |
| 90 | 3613 | 52.9 | +20 39 | 8.0 | *8.1* | A2 | 4 | .. | 38784i |
| 91 | 3522 | 52.9 | + 9 24 | 10.5 | *11.3* | G5 | 1 | .. | 16851b |
| 92 | 3436 | 52.9 | + 2 16 | 6.71 | *6.71* | Ao | 7 | 0,7 | 37811i |
| 93 | 4511 | 52.9 | − 2 9 | 8.6 | *9.0* | F5 | 4 | .. | 39390b |
| 94 | *4496* | 52.9 | −12 1 | 9.8 | *10.2* | F5 | 2 | .. | 39380b |
| 95 | 4833 | 52.9 | −14 43 | 9.5 | *10.3* | G5 | 3 | .. | 39380b |
| 96 | 4747 | 52.9 | −15 36 | 9.3 | *10.4* | K2 | 4 | .. | 39380b |
| 97 | 4671 | 52.9 | −16 50 | 7.06 | *7.20* | A5 | 9 | .. | 38062b |
| 98 | 4973 | 52.9 | −17 45 | 9.8 | *10.6* | G5 | 1 | .. | 39400b |
| 99 | 4475 | 52.9 | −22 23 | 8.8 | 8.8 | Go | 4 | .. | 39280b |
| 100 | 4474 | 52.9 | −22 30 | 6.92 | 7.1 | Bo | 5 | .. | 44641b |



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163800 — 17h 52m.9

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. | H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | | | | m. | ° ′ | | | | | | |
| 1 | 12200 | 52.9 | −27 6 | 9.7 | 9.3 | A5 | 2 | .. | 17092b | 51 | 12627 | 53.2 | −26 33 | 10.4 | 9.8 | Ao | 2 | .. | 39280b |
| 2 | 14292 | 52.9 | −29 23 | 7.10 | 7.9 | Ko | 7 | .. | 13823b | 52 | 12139 | 53.2 | −35 48 | 10.9 | 9.0 | Ao | 1 | .. | 20081b |
| 3 | 15040 | 52.9 | −30 39 | 9.5 | 8.2 | B9 | 7 | .. | 13823b | 53 | 12076 | 53.2 | −36 29 | 10.7 | 8.9 | Ao | 2 | .. | 20081b |
| 4 | 12707 | 52.9 | −42 11 | 9.1 | 9.1 | Ao | 3 | .. | 19911b | 54 | 12058 | 53.2 | −37 28 | 10.0 | 8.9 | F5 | 3 | .. | 20081b |
| 5 | 4234 | 52.9 | −63 58 | *8.4* | 9.6 | K5 | 1 | .. | 20144b | 55 | 12056 | 53.2 | −40 35 | 9.0 | 9.1 | Ao | 3 | .. | 19911b |
| 6 | 2977 | 53.0 | +36 5 | 8.7 | *9.9* | K5 | 1 | .. | 37871i | 56 | 12187 | 53.2 | −43 46 | 10.6 | 10.6 | A3 | 1 | .. | 17085b |
| 7 | 3260 | 53.0 | +21 20 | 8.7 | *9.5* | G5 | 1 | .. | 38784i | 57 | 11299 | 53.2 | −51 37 | 9.7 | 10.7 | K5 | 1 | .. | 37621b |
| 8 | 3581 | 53.0 | + 6 37 | 9.5 | *10.7* | K5 | 1 | .. | 16851b | 58 | *1881* | 53.2 | −74 0 | *7.2* | 7.2 | Ao | .. | 0,9 | **56**,141 |
| 9 | 3542 | 53.0 | + 3 14 | 9.3 | *9.9* | Go | 1 | .. | 14148b | 59 | 612 | 53.3 | +78 25 | 8.2 | *8.8* | G | 1 | .. | 37240i |
| 10 | 4807 | 53.0 | −13 4 | 9.5 | *10.1* | Go | 4 | .. | 39380b | 60 | 3373 | 53.3 | +14 1 | 8.5 | *9.7* | K5 | 1 | .. | 37959i |
| 11 | 13721 | 53.0 | −23 18 | 8.3 | 8.3 | B5 | 4 | .. | 40711b | 61 | 3553 | 53.3 | + 5 57 | 9.1 | *9.6* | F8 | 4 | .. | 16851b |
| 12 | 13715 | 53.0 | −24 25 | 10.0 | 9.8 | A | 3 | .. | 40711b | 62 | 3546 | 53.3 | + 3 56 | 8.7 | *8.7* | B8 | 4 | .. | 14148b |
| 13 | 12526 | 53.0 | −25 49 | 8.1 | 7.4 | B9 | 4 | .. | 13838b | 63 | 4836 | 53.3 | −14 53 | 9.51 | *10.07* | Go | 3 | .. | 39380b |
| 14 | 12203 | 53.0 | −27 57 | 9.3 | 8.7 | Ao | 2 | .. | 13838b | 64 | 4976 | 53.3 | −17 49 | 10.2 | *10.2* | Ao | 1 | .. | 38062b |
| 15 | 13959 | 53.0 | −28 40 | 10.7 | 9.5 | Ao | 1 | .. | 17092b | 65 | 13725 | 53.3 | −24 18 | 10.4 | 10.4 | K2 | 2 | .. | 40711b |
| 16 | 14296 | 53.0 | −29 28 | 9.5 | 8.8 | B9 | 3 | .. | 13823b | 66 | 13968 | 53.3 | −28 42 | 9.5 | 9.5 | G5 | 3 | .. | 17092b |
| 17 | 15045 | 53.0 | −30 40 | 10.0 | 9.4 | B8 | 3 | .. | 13823b | 67 | 13588 | 53.3 | −32 29 | 9.8 | 9.2 | Ao | 4 | .. | 13823b |
| 18 | 12055 | 53.0 | −37 54 | 10.9 | 9.0 | F8 | 1 | .. | 20081b | 68 | 12700 | 53.3 | −33 24 | 7.20 | 7.6 | B3 | 10 | .. | 13823b |
| 19 | 12098 | 53.0 | −39 3 | 7.6 | 8.4 | Ko | 8 | .. | 20081b | 69 | 12140 | 53.3 | −35 55 | 9.4 | 9.5 | Ma | 1 | .. | 20081b |
| 20 | 12052 | 53.0 | −40 51 | 8.4 | 8.4 | A3 | 5 | .. | 19911b | 70 | 12062 | 53.3 | −37 21 | 9.0 | 8.4 | A2 | 5 | .. | 20081b |
| 21 | 12710 | 53.0 | −42 57 | 9.3 | 9.0 | Ao | 5 | .. | 17085b | 71 | 12063 | 53.3 | −37 53 | 8.5 | 8.0 | B8 | 6 | .. | 20081b |
| 22 | 8419 | 53.0 | −55 58 | 8.0 | 8.2 | Ko | 5 | .. | 17453b | 72 | .. | 53.3 | −38 49 | Neb. | Neb. | Pc | .. | R | **76**,23 |
| 23 | 2004 | 53.1 | +53 45 | 9.2 | *10.0* | G5 | 1 | .. | 38778i | 73 | 12385 | 53.3 | −38 56 | 10.2 | 9.3 | A2 | 4 | .. | 20081b |
| 24 | 3524 | 53.1 | + 9 29 | 9.1 | *10.3* | K5 | 1 | .. | 16851b | 74 | 12104 | 53.3 | −39 14 | 7.25 | 8.2 | F8 | 9 | .. | 20081b |
| 25 | 3546 | 53.1 | + 8 7 | 10.5 | *11.5* | Ko | 1 | .. | 16851b | 75 | 12288 | 53.3 | −41 45 | 9.0 | 9.3 | Ao | 3 | .. | 19911b |
| 26 | 3438 | 53.1 | + 2 45 | 7.20 | *8.38* | K5 | 2 | 0,2 | 37811i | 76 | 11300 | 53.3 | −51 49 | 9.5 | 8.9 | Ao | 5 | .. | 37621b |
| 27 | 4498 | 53.1 | −11 52 | 8.3 | *9.4* | K2 | 3 | .. | 39380b | 77 | 10955 | 53.3 | −52 51 | 8.8 | 9.5 | A2 | 6 | .. | 37621b |
| 28 | 4750 | 53.1 | −15 23 | 10.4 | *10.9* | F8 | 2 | .. | 39380b | 78 | 6987 | 53.3 | −60 8 | 6.98 | 8.4 | Ko | 8 | .. | 17453b |
| 29 | 12205 | 53.1 | −27 1 | 9.7 | 9.0 | A2 | 3 | .. | 17092b | 79 | 3768 | 53.3 | −64 1 | *9.6* | 9.6 | A | 1 | .. | 20144b |
| 30 | 12696 | 53.1 | −33 38 | 9.0 | 9.1 | B9 | 4 | .. | 13823b | 80 | 3211 | 53.3 | −66 32 | *7.3* | 8.3 | Ko | 6 | .. | 42525b |
| 31 | 12057 | 53.1 | −37 15 | 8.7 | 7.7 | Ao | 7 | .. | 20081b | 81 | 3583 | 53.4 | + 6 26 | 9.8 | *10.6* | G5 | 3 | .. | 16851b |
| 32 | 12054 | 53.1 | −40 27 | 8.4 | 9.3 | K2 | 2 | .. | 19911b | 82 | .. | 53.4 | + 5 49 | .. | .. | K5 | 1 | .. | 16851b |
| 33 | 12713 | 53.1 | −42 36 | 9.5 | 9.3 | Ao | 3 | .. | 19911b | 83 | 3824 | 53.4 | + 0 55 | 9.5 | *10.1* | Go | 1 | .. | 14148b |
| 34 | 12213 | 53.1 | −48 28 | 8.0 | 8.3 | Ao | 9 | .. | 19938b | 84 | 4542 | 53.4 | − 5 25 | 7.62 | *8.69* | K2 | 4 | .. | 24207b |
| 35 | 11298 | 53.1 | −51 24 | 9.2 | 9.8 | Go | 4 | .. | 37621b | 85 | 4685 | 53.4 | − 6 14 | 9.5 | *9.9* | F5 | 4 | .. | 38082b |
| 36 | 8872 | 53.1 | −53 15 | *9.1* | 10.2 | K2 | 2 | .. | 37621b | 86 | 4535 | 53.4 | − 8 44 | 8.3 | *8.4* | A2 | 7 | .. | 38082b |
| 37 | 801 | 53.1 | −81 40 | *8.6* | 8.9 | Fo | 3 | .. | 14161b | 87 | 4809 | 53.4 | −13 47 | 9.8 | *9.9* | A3 | 4 | .. | 39380b |
| 38 | .. | 53.2 | +64 9 | .. | .. | R | .. | R | M | 88 | 4808 | 53.4 | −13 59 | 9.8 | *10.8* | Ko | 2 | .. | 39380b |
| 39 | 3012 | 53.2 | +32 36 | 8.9 | *8.9* | A | 1 | .. | 37871i | 89 | 4752 | 53.4 | −15 13 | 8.9 | *8.9* | Ao | 7 | .. | 39380b |
| 40 | 3283 | 53.2 | +24 1 | 6.36 | *6.92* | Go | 8 | .. | 38784i | 90 | 4753 | 53.4 | −15 19 | 9.8 | *9.8* | Ao | 5 | .. | 39380b |
| 41 | 3582 | 53.2 | + 6 51 | 9.8 | *10.4* | Go | 1 | .. | 16851b | 91 | 4784 | 53.4 | −19 32 | 8.8 | 9.4 | Go | 3 | .. | 39280b |
| 42 | 3552 | 53.2 | + 5 10 | 9.1 | 9.4 | Fo | 4 | .. | 16851b | 92 | 4478 | 53.4 | −22 27 | 7.14 | 7.1 | B2 | 4 | .. | 44641b |
| 43 | 3544 | 53.2 | + 3 40 | 9.1 | *10.2* | K2 | 3 | .. | 14148b | 93 | 12632 | 53.4 | −26 37 | 9.5 | 10.0 | B8 | 1 | .. | 39280b |
| 44 | 4534 | 53.2 | − 8 31 | 8.28 | *8.78* | F8 | 7 | .. | 38082b | 94 | 12211 | 53.4 | −27 3 | 7.8 | 9.8 | K5 | 2 | .. | 17092b |
| 45 | 4501 | 53.2 | −11 45 | 9.3 | *9.8* | F8 | 2 | .. | 39380b | 95 | 13973 | 53.4 | −28 38 | 10.2 | 10.1 | Ko | 1 | .. | 17092b |
| 46 | 4673 | 53.2 | −16 20 | 9.3 | *9.3* | Ao | 4 | .. | 38062b | 96 | 15065 | 53.4 | −30 20 | 8.9 | 9.7 | Ma | 2 | .. | 13823b |
| 47 | 4783 | 53.2 | −19 35 | 10.0 | 9.9 | K5 | 1 | .. | 39280b | 97 | 12699 | 53.4 | −33 39 | 10.7 | 9.7 | B9 | 2 | .. | 13823b |
| 48 | 4934 | 53.2 | −20 ‘4 | 7.98 | 8.2 | B8 | 6 | .. | 39280b | 98 | 12701 | 53.4 | −33 45 | 10.2 | 9.7 | A3 | 1 | .. | 13823b |
| 49 | 12528 | 53.2 | −25 58 | 10.7 | 9.3 | Ao | 2 | .. | 39280b | 99 | 12697 | 53.4 | −33 53 | 8.4 | 8.2 | B2 | 5 | .. | 13823b |
| 50 | 12626 | 53.2 | −26 23 | 9.2 | 8.9 | B8 | 2 | .. | 17092b | 100 | 12064 | 53.4 | −37 24 | 6.98 | 7.5 | B8 | 9 | .. | 20081b |



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1922AnHar..97....1C



## 163900 — 17h 53m.4

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12190 | 53.4 | −43 28 | 9.3 | 10.6 | Ko | 2 | .. | 17085b |
| 2 | 12023 | 53.4 | −46 33 | 9.7 | 9.6 | F8 | 4 | .. | 17085b |
| 3 | 11302 | 53.4 | −51 46 | 9.2 | 8.9 | Ao | 6 | .. | 37621b |
| 4 | 10956 | 53.4 | −52 17 | 9.1 | 9.8 | Ao | 3 | .. | 37621b |
| 5 | 8615 | 53.4 | −54 6 | *8.7* | 9.9 | K5 | 2 | .. | 37621b |
| 6 | 7315 | 53.4 | −58 49 | *10.1* | 10.1 | Ao | 1 | .. | 17453b |
| 7 | 2978 | 53.5 | +36 34 | 8.8 | *9.1* | F | 1 | .. | 37871i |
| 8 | 3617 | 53.5 | +20 22 | 7.60 | *8.60* | Ko | 2 | .. | 38784i |
| 9 | 3309 | 53.5 | +15 27 | 7.99 | *9.34* | Ma | 2 | .. | 37959i |
| 10 | 3341 | 53.5 | +10 11 | 8.12 | *8.12* | Ao | 4 | .. | 38781i |
| 11 | .. | 53.5 | + 8 10 | .. | .. | Ao | 1 | .. | 16851b |
| 12 | 3392 | 53.5 | − 0 28 | 9.5 | *10.3* | G5 | 2 | .. | 39390b |
| 13 | 3393 | 53.5 | − 0 35 | 8.7 | *9.9* | K5 | 3 | .. | 39390b |
| 14 | 3428 | 53.5 | − 1 4 | 10.5 | *10.8* | Fo | 2 | .. | 39390b |
| 15 | 4536 | 53.5 | − 8 56 | 9.0 | *9.1* | A2 | 6 | .. | 38082b |
| 16 | 4631 | 53.5 | − 9 1 | 9.5 | *10.5* | Ko | 2 | .. | 38082b |
| 17 | 4632 | 53.5 | − 9 46 | 3.50 | *4.50* | Ko | .. | R | 2911c |
| 18 | 4745 | 53.5 | −18 12 | 8.3 | *8.4* | A2 | 6 | .. | 38062b |
| 19 | *4479* | 53.5 | −23 0 | 9.5 | 10.0 | Ko | 1 | .. | 39280b |
| 20 | 12635 | 53.5 | −26 31 | 10.4 | 9.8 | Ao | 2 | .. | 39280b |
| 21 | 14305 | 53.5 | −29 14 | 9.7 | 9.4 | A3 | 3 | .. | 17092b |
| 22 | 14304 | 53.5 | −29 59 | 10.4 | 9.7 | Ao | 2 | .. | 13823b |
| 23 | 12349 | 53.5 | −34 41 | 9.0 | 8.9 | A2 | 4 | .. | 13823b |
| 24 | 12142 | 53.5 | −35 38 | 8.7 | 8.4 | B5 | 4 | .. | 20081b |
| 25 | 12105 | 53.5 | −39 40 | 8.0 | 8.7 | Ko | 4 | .. | 19911b |
| 26 | 12062 | 53.5 | −40 19 | 10.0 | 9.6 | B8 | 1 | .. | 19911b |
| 27 | 3573 | 53.5 | −65 5 | 8.28 | 8.0 | B8 | 6 | .. | 20144b |
| 28 | 353 | 53.5 | −86 19 | *9.1* | 9.9 | G5 | 3 | R | 22980b |
| 29 | *1995* | 53.6 | +56 0 | 6.10 | *6.38* | Fo | 8 | .. | 38015i |
| 30 | 3311 | 53.6 | +15 9 | var. | var. | F5p | 4 | R | 22978i |
| 31 | 3516 | 53.6 | + 7 30 | 9.8 | *10.4* | Go | 1 | .. | 16851b |
| 32 | 4688 | 53.6 | − 6 39 | 8.2 | *9.4* | K5 | 4 | .. | 38082b |
| 33 | 4884 | 53.6 | −12 8 | 9.2 | *10.4* | K5 | 1 | .. | 39380b |
| 34 | 4978 | 53.6 | −17 24 | var. | var. | Ao | 3 | R | 38062b |
| 35 | 4806 | 53.6 | −21 3 | 8.2 | 9.1 | Ko | 4 | .. | 39280b |
| 36 | 4480 | 53.6 | −22 57 | 9.14 | 10.0 | F5 | 2 | .. | 39280b |
| 37 | 12218 | 53.6 | −27 37 | 8.9 | 10.0 | K5 | 1 | .. | 17092b |
| 38 | 12144 | 53.6 | −35 55 | 10.2 | 8.9 | B9 | 3 | .. | 20081b |
| 39 | 12392 | 53.6 | −38 5 | 9.6 | 9.0 | B9 | 3 | .. | 20081b |
| 40 | 12390 | 53.6 | −38 21 | 7.85 | 8.7 | Ko | 5 | .. | 20081b |
| 41 | 12389 | 53.6 | −38 43 | 8.4 | 8.4 | G5 | 7 | .. | 20081b |
| 42 | 11989 | 53.6 | −47 52 | 8.9 | 9.8 | Ko | 2 | .. | 19938b |
| 43 | 10958 | 53.6 | −52 30 | *9.6* | 10.8 | K5 | 1 | .. | 37621b |
| 44 | 8877 | 53.6 | −53 44 | *9.4* | 10.2 | G5 | 1 | .. | 37621b |
| 45 | 1772 | 53.7 | +58 46 | 8.8 | *8.9* | A5 | 1 | .. | 38015i |
| 46 | 3111 | 53.7 | +35 48 | 8.7 | *9.5* | G5 | 1 | .. | 37871i |
| 47 | 2996 | 53.7 | +33 48 | 8.7 | *10.1* | Ma | .. | .. | M |
| 48 | 2995 | 53.7 | +33 25 | 6.78 | *7.78* | Ko | 5 | .. | 37871i |
| 49 | 2872 | 53.7 | +28 0 | 8.7 | *9.5* | G5 | 1 | .. | 38447i |
| 50 | 4212 | 53.7 | − 3 31 | 9.2 | *9.3* | A3 | 3 | .. | 39390b |
| 51 | 4506 | 53.7 | −11 10 | 10.2 | *11.0* | G5 | 2 | .. | 39380b |
| 52 | 4810 | 53.7 | −13 42 | 8.2 | *8.6* | F5 | 4 | 0,10 | 39460b |
| 53 | 4838 | 53.7 | −14 23 | 9.3 | *9.4* | A2 | 4 | .. | 39380b |
| 54 | .. | 53.7 | −17 46 | .. | .. | A | 1 | .. | 38062b |
| 55 | 13731 | 53.7 | −23 48 | 4.76 | *4.76* | Ao | .. | .. | **56**,95 |
| 56 | 12542 | 53.7 | −25 9 | 8.80 | 8.6 | Ao | 4 | .. | 39280b |
| 57 | 15072 | 53.7 | −30 38 | 9.7 | 9.7 | Ko | 1 | .. | 17092b |
| 58 | R | 53.7 | −37 41 | *7.6* | 8.6 | Ko | 3 | .. | 20081b |
| 59 | *12294* | 53.7 | −42 0 | 8.7 | 8.5 | F5 | 5 | .. | 19911b |
| 60 | 12254 | 53.7 | −44 48 | 10.6 | 11.4 | Ma | .. | .. | M |
| 61 | 11678 | 53.7 | −50 9 | 9.5 | 9.8 | B9 | 3 | .. | 37621b |
| 62 | 8622 | 53.7 | −54 4 | *9.7* | 9.8 | A5 | 3 | .. | 37621b |
| 63 | 1156 | 53.7 | −78 59 | *8.4* | 9.2 | G5 | 5 | .. | 19008b |
| 64 | 1230 | 53.8 | +64 6 | 8.0 | *9.1* | K2 | 2 | .. | 38505i |
| 65 | 1996 | 53.8 | +55 42 | 8.8 | *9.9* | K2 | 1 | .. | 38015i |
| 66 | 2626 | 53.8 | +45 1 | 6.83 | *6.81* | B9 | 9 | .. | 37844i |
| 67 | 2988 | 53.8 | +37 46 | 6.96 | *7.96* | Ko | 3 | .. | 37871i |
| 68 | 2979 | 53.8 | +36 51 | 7.36 | *7.64* | Fo | 5 | .. | 37871i |
| 69 | 2873 | 53.8 | +28 15 | 8.5 | *9.3* | G5 | 2 | .. | 38447i |
| 70 | 2922 | 53.8 | +27 51 | 8.5 | *9.3* | G5 | 2 | .. | 38447i |
| 71 | 3269 | 53.8 | +21 19 | 8.3 | *9.4* | K2 | 1 | .. | 38784i |
| 72 | 3375 | 53.8 | +14 37 | 8.39 | *9.74* | Ma | 3 | .. | 25571i |
| 73 | 3374 | 53.8 | +14 32 | 7.29 | *7.29* | Ao | 7 | .. | 37959i |
| 74 | 3586 | 53.8 | + 6 48 | 10.5 | *11.3* | G5 | 1 | .. | 16851b |
| 75 | 3548 | 53.8 | + 3 50 | 10.1 | *10.4* | F2 | 2 | .. | 14148b |
| 76 | 4543 | 53.8 | − 5 2 | 7.55 | *8.05* | F8 | 5 | .. | 44163b |
| 77 | 4811 | 53.8 | −13 2 | 8.4 | *8.5* | A5 | 8 | .. | 39380b |
| 78 | 4756 | 53.8 | −15 8 | 8.25 | *9.25* | Ko | 6 | .. | 39380b |
| 79 | 4749 | 53.8 | −18 33 | 9.5 | *9.5* | Ao | 4 | .. | 38062b |
| 80 | 4482 | 53.8 | −22 39 | 9.3 | 8.9 | Ao | 3 | .. | 40711b |
| 81 | 12544 | 53.8 | −25 4 | 8.25 | 7.6 | B8 | 6 | .. | 39280b |
| 82 | .. | 53.8 | −27 33 | Nov. | Nov. | Pec. | .. | R | **76**,37 |
| 83 | 12223 | 53.8 | −27 44 | 10.4 | 9.3 | B9 | 1 | .. | 17092b |
| 84 | 14312 | 53.8 | −29 49 | 9.0 | 8.2 | B3 | 5 | .. | 13823b |
| 85 | 12148 | 53.8 | −35 44 | 9.0 | 8.9 | Ko | 2 | .. | 20081b |
| 86 | 12101 | 53.8 | −45 49 | 8.3 | 8.7 | G5 | 9 | .. | 17085b |
| 87 | 11679 | 53.8 | −50 56 | 11.0 | 10.7 | Ao | 2 | .. | 37621b |
| 88 | 104 | 53.9 | +88 15 | 8.11 | *8.53* | F5 | 4 | .. | 37294i |
| 89 | 667 | 53.9 | +76 59 | 5.04 | *5.46* | F5 | .. | 3,10 | **56**,95 |
| 90 | 2627 | 53.9 | +45 23 | 6.22 | *7.57* | Mb | 6 | 0,5 | 37220i |
| 91 | 3112 | 53.9 | +35 42 | 7.69 | *8.69* | Ko | 2 | .. | 37871i |
| 92 | 2997 | 53.9 | +33 50 | 7.9 | *8.9* | Ko | 2 | .. | 37871i |
| 93 | 3156 | 53.9 | +29 16 | 3.82 | *4.82* | Ko | .. | R | 1409c |
| 94 | 3285 | 53.9 | +24 33 | 9.1 | *9.1* | Ao | 1 | .. | 38784i |
| 95 | 3342 | 53.9 | +10 54 | 8.9 | *8.9* | Ao | 4 | .. | 16851b |
| 96 | 3825 | 53.9 | + 0 13 | 9.8 | *10.4* | Go | 1 | .. | 14148b |
| 97 | 4518 | 53.9 | − 2 41 | 9.3 | *9.3* | B9 | 4 | .. | 38110b |
| 98 | 4689 | 53.9 | − 6 51 | 8.6 | *8.6* | B9 | 6 | .. | 38082b |
| 99 | 4537 | 53.9 | − 7 27 | 9.8 | *9.8* | Ao | 2 | .. | 38082b |
| 100 | 4839 | 53.9 | −14 11 | 8.8 | *9.4* | Go | 6 | .. | 39380b |



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1922AnHar..97....1C



## 164000 — 17h 53m.9

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4750 | 53.9 | −18 50 | 9.5 | *9.6* | A2 | 2 | .. | 38062b |
| 2 | 4484 | 53.9 | −22 33 | 7.15 | 7.7 | B5 | 5 | *5,8* | 44641b |
| 3 | 12227 | 53.9 | −27 36 | 8.5 | 9.0 | G5 | 1 | .. | 13838b |
| 4 | 12094 | 53.9 | −36 57 | 7.90 | 8.3 | Ko | 3 | .. | 20081b |
| 5 | 12068 | 53.9 | −40 6 | 8.92 | 9.3 | Ko | 1 | .. | 19911b |
| 6 | 12103 | 53.9 | −45 36 | 9.5 | 9.8 | G5 | 4 | .. | 17085b |
| 7 | 11993 | 53.9 | −47 2 | 9.1 | 10.3 | K5 | 3 | .. | 17085b |
| 8 | 11994 | 53.9 | −47 10 | 9.5 | 10.3 | K5 | 2 | .. | 17085b |
| 9 | 11306 | 53.9 | −51 14 | 10.6 | 11.0 | K5 | 1 | .. | 37621b |
| 10 | 7318 | 53.9 | −58 12 | 8.8 | 9.0 | B9 | 5 | .. | 17453b |
| 11 | 7317 | 53.9 | −58 22 | 8.8 | 9.2 | Fo | 5 | .. | 17453b |
| 12 | 3526 | 54.0 | + 9 17 | 9.1 | *9.7* | Go | 3 | .. | 16851b |
| 13 | 3443 | 54.0 | + 2 3 | 7.9 | *8.0* | A2 | 3 | *4,7* R | 37811i |
| 14 | 4690 | 54.0 | − 6 7 | 8.4 | *9.8* | Ma | 1 | .. | 24207b |
| 15 | 4538 | 54.0 | − 8 20 | 9.2 | *9.7* | F8 | 3 | .. | 38082b |
| 16 | 4812 | 54.0 | −13 45 | 9.5 | *9.8* | F2 | 3 | .. | 39380b |
| 17 | 4980 | 54.0 | −17 4 | 10.4 | *11.2* | G5 | 1 | .. | 38062b |
| 18 | 13741 | 54.0 | −23 7 | 10.0 | 9.1 | B | 3 | .. | 39280b |
| 19 | 13994 | 54.0 | −28 36 | 9.0 | 8.9 | Bo | 3 | .. | 17092b |
| 20 | 12359 | 54.0 | −34 11 | 10.7 | 8.9 | F8 | 1 | .. | 13823b |
| 21 | 12075 | 54.0 | −37 7 | 10.2 | 9.5 | B9 | 1 | .. | 20081b |
| 22 | 12074 | 54.0 | −37 29 | 9.0 | 9.0 | G5 | 1 | .. | 20081b |
| 23 | 11683 | 54.0 | −50 35 | 9.5 | 9.6 | A3 | 5 | .. | 37621b |
| 24 | 4248 | 54.0 | −63 2 | *8.7* | 9.3 | Go | 2 | .. | 20144b |
| 25 | 2041 | 54.1 | +56 3 | 8.8 | *9.8* | Ko | 1 | .. | 38015i |
| 26 | 4885 | 54.1 | −12 21 | 8.0 | *8.8* | G5 | 4 | .. | 39460b |
| 27 | 4813 | 54.1 | −13 23 | 9.5 | *9.9* | F5 | 4 | .. | 39380b |
| 28 | 4940 | 54.1 | −20 20 | 6.48 | 7.3 | Ko | 8 | .. | 39280b |
| 29 | 4810 | 54.1 | −21 44 | 9.5 | 9.9 | Ko | 1 | .. | 39280b |
| 30 | 13744 | 54.1 | −23 17 | 10.7 | 9.4 | B8 | 3 | .. | 39280b |
| 31 | 13736 | 54.1 | −24 17 | 6.72 | 7.6 | Ko | .. | 0,8 | **56**,141 |
| 32 | 14322 | 54.1 | −29 49 | 7.28 | 7.9 | B2 | .. | 1,8 | **56**,141 |
| 33 | 14938 | 54.1 | −31 5 | 8.7 | 9.4 | Ko | 2 | .. | 13823b |
| 34 | 12361 | 54.1 | −34 42 | 9.4 | 8.7 | Ko | 3 | .. | 13823b |
| 35 | 12398 | 54.1 | −38 11 | 9.0 | 10.2 | K5 | 1 | .. | 20081b |
| 36 | 12119 | 54.1 | −39 5 | 10.0 | 9.3 | Go | 2 | .. | 20081b |
| 37 | 12069 | 54.1 | −40 27 | 9.3 | 9.6 | Ko | 2 | .. | 21880b |
| 38 | 12736 | 54.1 | −42 25 | 10.1 | 9.6 | Ao | 2 | .. | 19911b |
| 39 | 10959 | 54.1 | −52 57 | 7.7 | 9.3 | K2 | 5 | .. | 37621b |
| 40 | 5777 | 54.1 | −62 8 | *8.4* | 9.2 | G5 | 5 | .. | 20144b |
| 41 | 2602 | 54.2 | +48 39 | 8.0 | *8.8* | G5 | 1 | .. | 38778i |
| 42 | 2923 | 54.2 | +27 23 | 8.0 | *9.1* | K2 | 3 | .. | 38447i |
| 43 | 3378 | 54.2 | +14 52 | 7.14 | *7.64* | F8 | 7 | .. | 37959i |
| 44 | 3549 | 54.2 | + 8 44 | 9.1 | *10.1* | Ko | 2 | .. | 16851b |
| 45 | 3564 | 54.2 | + 4 58 | 7.96 | *8.02* | A2 | 8 | 0,3 | 16851b |
| 46 | 4539 | 54.2 | − 8 20 | 10.2 | *11.0* | G5 | 1 | .. | 38082b |
| 47 | 4888 | 54.2 | −12 9 | 8.6 | *8.7* | A5 | 3 | .. | 39460b |
| 48 | 4812 | 54.2 | −21 9 | 9.8 | 9.7 | B9 | 2 | .. | 39280b |
| 49 | 13999 | 54.2 | −28 36 | 10.2 | 10.1 | A3 | 2 | .. | 17092b |
| 50 | 12070 | 54.2 | −40 20 | 7.6 | 7.6 | B8 | 7 | .. | 21880b |
| 51 | 12198 | 54.2 | −43 20 | 11.6 | 10.3 | A5 | 2 | .. | 17085b |
| 52 | 12036 | 54.2 | −46 18 | 9.5 | 10.1 | G5 | 2 | .. | 17085b |
| 53 | 11684 | 54.2 | −50 10 | 9.1 | 9.2 | B9 | 5 | .. | 37621b |
| 54 | 7319 | 54.2 | −58 59 | 9.0 | 9.6 | F5 | 2 | .. | 17453b |
| 55 | 6989 | 54.2 | −60 10 | 8.86 | 10.4 | K2 | 1 | .. | 42469b |
| 56 | 740 | 54.3 | +74 36 | 6.83 | *6.91* | A3 | 6 | .. | 38095i |
| 57 | 1220 | 54.3 | +65 2 | 8.25 | *8.75* | F8 | 3 | .. | 38505i |
| 58 | 2282 | 54.3 | +51 30 | 2.42 | *3.60* | K5 | .. | R | 1981c |
| 59 | 2629 | 54.3 | +45 53 | 6.77 | *7.19* | F5 | 8 | .. | 37844i |
| 60 | 3306 | 54.3 | +11 2 | 9.5 | *9.5* | Ao | 2 | .. | 16851b |
| 61 | 3343 | 54.3 | +10 24 | 9.3 | *9.8* | F8 | 2 | .. | 16851b |
| 62 | 3561 | 54.3 | + 5 33 | 10.5 | *10.5* | A | 1 | .. | 16851b |
| 63 | 3827 | 54.3 | + 0 34 | 9.1 | *10.1* | Ko | 2 | .. | 14148b |
| 64 | 4384 | 54.3 | − 4 48 | 5.98 | *6.98* | Ko | .. | 0,9 | **56**,141 |
| 65 | 4538 | 54.3 | − 7 15 | 9.3 | *9.6* | Fo | 3 | .. | 38082b |
| 66 | 4841 | 54.3 | −14 30 | 9.5 | *10.1* | Go | 3 | .. | 39380b |
| 67 | 4760 | 54.3 | −15 13 | 10.4 | *10.7* | Fo | 3 | .. | 39380b |
| 68 | 4489 | 54.3 | −22 58 | 10.2 | 9.1 | Ao | 3 | .. | 39280b |
| 69 | 12237 | 54.3 | −27 43 | 9.5 | 8.6 | B9 | 2 | .. | 13838b |
| 70 | 14939 | 54.3 | −31 8 | 11.4 | 10.0 | A | 1 | .. | 13823b |
| 71 | 12081 | 54.3 | −37 15 | 10.4 | 8.9 | A2 | 1 | .. | 20081b |
| 72 | 12079 | 54.3 | −37 30 | 8.4 | 7.7 | B8 | 7 | .. | 20081b |
| 73 | 12227 | 54.3 | −48 48 | 8.3 | 8.1 | B5 | 8 | .. | 19938b |
| 74 | 11307 | 54.3 | −51 56 | 10.1 | 10.7 | K2 | 2 | .. | 37621b |
| 75 | 2821 | 54.3 | −69 28 | *8.8* | 9.1 | Fo | 3 | .. | 41598b |
| 76 | 2483 | 54.3 | −70 14 | *8.8* | 8.8 | Ao | 6 | 2,5 | 21336b |
| 77 | 2563 | 54.4 | +47 14 | 7.82 | *8.82* | Ko | 2 | .. | 37844i |
| 78 | 3017 | 54.4 | +32 41 | 6.54 | *6.96* | F5 | 6 | .. | 37871i |
| 79 | 2925 | 54.4 | +27 59 | 8.7 | *9.3* | Go | 1 | .. | 38447i |
| 80 | 3346 | 54.4 | +12 26 | 8.5 | *8.6* | A2 | 3 | .. | 38781i |
| 81 | 3829 | 54.4 | + 0 2 | 8.98 | *9.98* | Ko | 3 | .. | 14148b |
| 82 | 4548 | 54.4 | − 5 53 | 10.0 | *10.5* | F8 | 1 | .. | 39390b |
| 83 | 4547 | 54.4 | − 5 59 | 10.0 | *10.5* | F8 | 1 | .. | 39390b |
| 84 | 4507 | 54.4 | −11 33 | 8.8 | *8.9* | A5 | 3 | .. | 39460b |
| 85 | 4982 | 54.4 | −17 5 | 10.7 | *10.7* | Ao | 1 | .. | 38062b |
| 86 | 4813 | 54.4 | −21 28 | 9.5 | 9.1 | B8 | 3 | .. | 39280b |
| 87 | 14005 | 54.4 | −28 42 | 9.2 | 8.3 | Ao | 2 | .. | 13838b |
| 88 | *12723* | 54.4 | −34 0 | 8.0 | 8.6 | Ko | 4 | .. | 13823b |
| 89 | 12082 | 54.4 | −37 40 | 10.0 | 9.3 | K5 | 1 | .. | 20081b |
| 90 | 12229 | 54.4 | −48 12 | 10.6 | 9.8 | Ao | 1 | .. | 19938b |
| 91 | 7321 | 54.4 | −58 22 | 9.1 | 10.4 | A2 | 1 | .. | 17453b |
| 92 | 7320 | 54.4 | −58 56 | 9.0 | 9.3 | Go | 2 | .. | 17453b |
| 93 | 1793 | 54.5 | +60 42 | 8.8 | *8.8* | Ao | 1 | .. | 38505i |
| 94 | 3045 | 54.5 | +38 6 | 8.10 | *9.10* | Ko | 2 | .. | 37871i |
| 95 | 3396 | 54.5 | +25 2 | 8.36 | *8.86* | F8 | 1 | .. | 38784i |
| 96 | 3448 | 54.5 | + 2 32 | 9.1 | *9.2* | A2 | 3 | .. | 14148b |
| 97 | 3447 | 54.5 | + 2 21 | 8.9 | *8.9* | Ao | 7 | 0,2 | 14148b |
| 98 | 3398 | 54.5 | − 0 30 | 9.5 | *9.5* | Ao | 4 | .. | 39390b |
| 99 | 4523 | 54.5 | − 2 37 | 9.3 | *9.3* | B9 | 3 | .. | 38110b |
| 100 | 4692 | 54.5 | − 6 59 | 9.2 | *10.2* | Ko | 4 | .. | 38082b |



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1922AnHar..97....1C



## 164100 — $17^h 54^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4540 | 54.5 | − 7 31 | 9.5 | *9.8* | Fo | 2 | .. | 38082b |
| 2 | 4889 | 54.5 | −12 40 | 9.2 | *9.5* | Fo | 4 | .. | 39380b |
| 3 | 4842 | 54.5 | −14 47 | 8.04 | *7.92* | B5 | 5 | .. | 39460b |
| 4 | 4678 | 54.5 | −16 4 | 7.54 | *8.32* | G5 | 6 | .. | 38062b |
| 5 | 13743 | 54.5 | −24 39 | 9.2 | 8.3 | B3 | 7 | .. | 40711b |
| 6 | 14334 | 54.5 | −29 54 | 8.84 | 8.9 | B8 | 3 | .. | 13823b |
| 7 | 12726 | 54.5 | −33 3 | 10.0 | 9.2 | F8 | 2 | .. | 13823b |
| 8 | 12159 | 54.5 | −35 19 | 8.7 | 8.3 | Ao | 4 | .. | 20081b |
| 9 | 12401 | 54.5 | −38 27 | 9.4 | 9.6 | Ko | 1 | .. | 20081b |
| 10 | 12203 | 54.5 | −43 9 | 10.6 | 10.3 | Ao | 2 | .. | 17085b |
| 11 | 12230 | 54.5 | −48 2 | 10.1 | 9.5 | Ao | 3 | .. | 19938b |
| 12 | 8849 | 54.5 | −57 19 | 8.4 | 9.1 | Go | 5 | .. | 17453b |
| 13 | 2250 | 54.5 | −71 8 | *9.0* | 9.4 | F5 | 2 | .. | 21336b |
| 14 | 3521 | 54.6 | + 7 43 | 9.1 | *9.1* | Ao | 4 | .. | 16851b |
| 15 | 3589 | 54.6 | + 6 25 | 7.07 | *7.35* | Fo | 4 | 2,8 | 37811i |
| 16 | 3552 | 54.6 | + 3 56 | 9.5 | *10.5* | K | 1 | .. | 14148b |
| 17 | 3551 | 54.6 | + 3 51 | 10.5 | *10.5* | Ao | 2 | .. | 14148b |
| 18 | 3449 | 54.6 | + 2 38 | 9.1 | *10.1* | Ko | 1 | .. | 14148b |
| 19 | 4550 | 54.6 | − 5 25 | 9.3 | *9.7* | F5 | 2 | .. | 39390b |
| 20 | 4508 | 54.6 | −11 16 | 9.8 | *10.3* | F8 | 3 | .. | 39380b |
| 21 | 4843 | 54.6 | −14 1 | 10.4 | *11.0* | Go | 2 | .. | 39380b |
| 22 | 4983 | 54.6 | −17 48 | 10.0 | *10.0* | B8 | 2 | .. | 38062b |
| 23 | 4751 | 54.6 | −18 35 | 8.0 | *8.0* | Ao | 7 | .. | 38062b |
| 24 | 4789 | 54.6 | −19 14 | 8.0 | 9.1 | K5 | 4 | .. | 38062b |
| 25 | 12662 | 54.6 | −26 10 | 10.2 | 9.3 | Ao | 2 | .. | 17092b |
| 26 | 12108 | 54.6 | −36 22 | 9.3 | 8.3 | B9 | 4 | .. | 20081b |
| 27 | 12083 | 54.6 | −37 16 | 10.7 | 8.9 | Ao | 1 | .. | 20081b |
| 28 | 12086 | 54.6 | −37 34 | 10.0 | 8.9 | Ao | 2 | .. | 20081b |
| 29 | 12403 | 54.6 | −38 4 | 6.67 | 7.2 | B9 | 9 | .. | 20081b |
| 30 | 12077 | 54.6 | −40 50 | 9.4 | 9.6 | K5 | 1 | .. | 19911b |
| 31 | 10961 | 54.6 | −52 33 | 8.9 | 10.4 | K5 | 1 | .. | 37621b |
| 32 | 8888 | 54.6 | −53 42 | 7.5 | 8.2 | A2 | 9 | .. | 17453b |
| 33 | 8555 | 54.6 | −56 4 | 8.3 | 8.6 | Ao | 7 | .. | 17453b |
| 34 | 803 | 54.6 | −81 51 | *8.0* | 8.0 | Ao | 5 | .. | 14161b |
| 35 | 1710 | 54.7 | +61 25 | 7.18 | *7.26* | A3 | 7 | .. | 38505i |
| 36 | 3093 | 54.7 | +30 11 | 4.48 | *4.76* | Fo | .. | R | 2946c |
| 37 | 3498 | 54.7 | +13 55 | 7.7 | *7.7* | Ao | 4 | .. | 37959i |
| 38 | 3351 | 54.7 | +12 6 | 7.6 | *8.1* | F8 | 4 | .. | 38781i |
| 39 | 3553 | 54.7 | + 8 15 | 9.1 | *9.7* | Go | 3 | .. | 16851b |
| 40 | 3590 | 54.7 | + 6 29 | 8.5 | *8.5* | Ao | 5 | .. | 16851b |
| 41 | 3569 | 54.7 | + 4 20 | 10.1 | *10.2* | A2 | 2 | .. | 14148b |
| 42 | 3431 | 54.7 | − 1 11 | 8.7 | *8.7* | B9 | 6 | .. | 14148b |
| 43 | 4525 | 54.7 | − 2 28 | 8.8 | *9.2* | F5 | 6 | .. | 38110b |
| 44 | 4845 | 54.7 | −14 13 | 8.8 | *9.8* | Ko | 5 | .. | 39380b |
| 45 | 4844 | 54.7 | −14 52 | 10.0 | *10.0* | Ao | 3 | .. | 39380b |
| 46 | 13745 | 54.7 | −24 12 | 8.3 | 8.0 | B5 | 7 | .. | 40711b |
| 47 | 13744 | 54.7 | −24 46 | 9.0 | 8.3 | Ao | 7 | .. | 40711b |
| 48 | 14013 | 54.7 | −28 35 | 10.2 | 8.9 | Ao | 3 | .. | 17092b |
| 49 | 15099 | 54.7 | −30 13 | 11.2 | 10.2 | A | 1 | .. | 17092b |
| 50 | 15100 | 54.7 | −30 58 | 9.7 | 9.2 | Ao | 5 | .. | 13823b |
| 51 | 14953 | 54.7 | −31 58 | 10.4 | 8.9 | B8 | 4 | .. | 13823b |
| 52 | 13617 | 54.7 | −32 43 | 8.7 | 8.6 | Ao | 6 | .. | 13823b |
| 53 | 12404 | 54.7 | −38 26 | 9.4 | 9.6 | Ma | 1 | .. | 20081b |
| 54 | 12079 | 54.7 | −40 6 | 9.28 | 8.8 | B9 | 3 | .. | 19911b |
| 55 | 12313 | 54.7 | −41 24 | 9.4 | 9.3 | F8 | 2 | .. | 19911b |
| 56 | 12265 | 54.7 | −44 17 | 9.3 | 9.8 | G5 | 3 | .. | 17085b |
| 57 | 11686 | 54.7 | −50 19 | 9.9 | 10.1 | F2 | 2 | .. | 37621b |
| 58 | 10962 | 54.7 | −52 38 | *9.8* | 9.8 | Ao | 3 | .. | 37621b |
| 59 | 8891 | 54.7 | −53 35 | *9.9* | 10.0 | A3 | 2 | .. | 37621b |
| 60 | 8890 | 54.7 | −53 59 | *9.8* | 9.8 | Ao | 3 | .. | 37621b |
| 61 | 8558 | 54.7 | −56 7 | 8.8 | 8.9 | B9 | 6 | .. | 17453b |
| 62 | 3562 | 54.8 | + 5 44 | 8.6 | *9.7* | K2 | 4 | .. | 16851b |
| 63 | 3554 | 54.8 | + 3 22 | 9.1 | *9.7* | Go | 2 | .. | 14148b |
| 64 | 4510 | 54.8 | −11 16 | 8.7 | *8.8* | A5 | 2 | .. | 39460b |
| 65 | 4890 | 54.8 | −12 59 | 7.36 | *7.31* | B8 | 6 | .. | 39460b |
| 66 | 4765 | 54.8 | −15 22 | 10.0 | *11.0* | Ko | 2 | .. | 39380b |
| 67 | 4752 | 54.8 | −18 12 | 9.5 | *10.3* | G5 | 1 | .. | 38062b |
| 68 | 4792 | 54.8 | −19 43 | 8.8 | 10.0 | K | 1 | R | 38062b |
| 69 | 4491 | 54.8 | −22 15 | 9.5 | 8.8 | B8 | 3 | .. | 40711b |
| 70 | R | 54.8 | −22 48 | 11.2 | 9.7 | B9 | 1 | .. | 39280b |
| 71 | 13765 | 54.8 | −23 30 | 10.0 | 9.4 | Ao | 3 | .. | 40711b |
| 72 | 12571 | 54.8 | −25 16 | 10.9 | 9.5 | Ao | 3 | .. | 39280b |
| 73 | 12665 | 54.8 | −26 12 | 8.5 | 9.2 | Ko | 4 | .. | 17092b |
| 74 | 14018 | 54.8 | −28 40 | 11.2 | 10.0 | B9 | 2 | .. | 17092b |
| 75 | 14342 | 54.8 | −29 26 | 7.7 | 8.6 | Ko | 4 | .. | 13823b |
| 76 | 12267 | 54.8 | −44 26 | 9.0 | 9.6 | G5 | 5 | .. | 17085b |
| 77 | 11885 | 54.8 | −49 37 | 7.9 | 8.6 | B8 | 9 | .. | 19938b |
| 78 | 11311 | 54.8 | −51 8 | 11.0 | 10.4 | Ao | 2 | .. | 37621b |
| 79 | 8438 | 54.8 | −55 49 | *9.3* | 9.8 | F8 | 2 | .. | 17453b |
| 80 | 2008 | 54.9 | +53 28 | 8.2 | *9.3* | K2 | 1 | .. | 38778i |
| 81 | 2605 | 54.9 | +48 19 | 7.92 | *8.99* | K2 | 2 | .. | 38778i |
| 82 | 2966 | 54.9 | +42 2 | 7.9 | *8.7* | G5 | 3 | .. | 37844i |
| 83 | 3347 | 54.9 | +10 16 | 9.0 | *9.3* | Fo | 3 | .. | 16851b |
| 84 | 3450 | 54.9 | + 2 22 | 10.5 | *10.5* | Ao | 2 | .. | 14148b |
| 85 | 4541 | 54.9 | − 7 56 | 8.9 | *9.4* | F8 | 5 | .. | 38082b |
| 86 | 4637 | 54.9 | − 9 31 | 9.3 | *9.8* | F8 | 3 | .. | 38082b |
| 87 | 4817 | 54.9 | −13 13 | 9.8 | *11.0* | K5 | 1 | .. | 39380b |
| 88 | 4767 | 54.9 | −15 48 | 9.0 | *8.8* | B3 | 5 | .. | 38062b |
| 89 | 4754 | 54.9 | −18 45 | 9.5 | *9.5* | Ao | 2 | .. | 38062b |
| 90 | 4753 | 54.9 | −18 58 | 9.8 | *9.8* | B9 | 4 | .. | 38062b |
| 91 | 4794 | 54.9 | −19 54 | 8.98 | 9.1 | A5 | 2 | .. | 38062b |
| 92 | 4793 | 54.9 | −19 57 | 10.2 | 9.9 | A | 2 | .. | 38062b |
| 93 | 13773 | 54.9 | −23 1 | var. | var. | B9 | 3 | R | 39280b |
| 94 | 13749 | 54.9 | −24 8 | 9.0 | 8.6 | B8 | 6 | .. | 40711b |
| 95 | 14020 | 54.9 | −28 31 | 10.4 | 9.5 | B9 | 2 | .. | 17092b |
| 96 | 14019 | 54.9 | −28 45 | 9.5 | 10.0 | K2 | 2 | .. | 17092b |
| 97 | 14021 | 54.9 | −28 59 | 9.5 | 9.5 | Ao | 3 | .. | 17092b |
| 98 | 14343 | 54.9 | −29 20 | 7.9 | 8.2 | F5 | 4 | .. | 13823b |
| 99 | 15101 | 54.9 | −30 9 | 9.18 | 9.7 | Ko | 2 | .. | 17092b |
| 100 | 14958 | 54.9 | −31 44 | 8.7 | 8.6 | F2 | 5 | .. | 13823b |



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1922AnHar..97....1C



## 164200 — 17h 54m.9

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12169 | 54.9 | −35 0 | 8.44 | 8.1 | Ao | 5 | .. | 20081b |
| 2 | 12112 | 54.9 | −36 8 | 10.4 | 8.9 | Ao | 2 | .. | 20081b |
| 3 | 12316 | 54.9 | −41 37 | 9.4 | 9.6 | F8 | 3 | .. | 21880b |
| 4 | 12120 | 54.9 | −45 28 | 10.1 | 10.1 | Ao | 2 | .. | 17085b |
| 5 | 12052 | 54.9 | −46 5 | 9.5 | 10.4 | Ko | 1 | .. | 17085b |
| 6 | 12050 | 54.9 | −46 17 | 9.5 | 10.7 | K5 | 1 | .. | 17085b |
| 7 | 12051 | 54.9 | −46 59 | 8.6 | 9.5 | Ko | 5 | .. | 17085b |
| 8 | 12005 | 54.9 | −47 12 | 9.9 | 9.6 | Ao | 4 | .. | 17085b |
| 9 | 8439 | 54.9 | −55 41 | *9.9* | 10.0 | A2 | 1 | .. | 17453b |
| 10 | 7322 | 54.9 | −58 18 | 8.0 | 9.2 | G5 | 4 | .. | 17453b |
| 11 | 7323 | 54.9 | −58 37 | 8.0 | 8.9 | Ko | 5 | .. | 17453b |
| 12 | 2851 | 55.0 | +43 26 | 6.88 | *6.86* | B9 | 9 | .. | 37844i |
| 13 | 2985 | 55.0 | +36 53 | 7.49 | *8.49* | Ko | 3 | .. | 37871i |
| 14 | 3233 | 55.0 | +23 51 | 8.0 | *9.2* | K5 | 1 | .. | 38784i |
| 15 | 3626 | 55.0 | +20 29 | 8.7 | *8.7* | Ao | 3 | .. | 38784i |
| 16 | 3333 | 55.0 | +16 39 | 8.6 | *8.6* | Ao | 2 | .. | 37959i |
| 17 | 3563 | 55.0 | + 5 47 | 9.8 | *10.9* | K2 | 1 | .. | 16851b |
| 18 | 3453 | 55.0 | + 2 56 | 10.5 | *10.5* | A | 1 | .. | 14148b |
| 19 | 3432 | 55.0 | − 1 40 | 9.1 | *9.4* | F2 | 4 | .. | 38110b |
| 20 | 4693 | 55.0 | − 6 36 | 8.3 | *8.3* | Ao | 7 | .. | 38082b |
| 21 | 4819 | 55.0 | −13 24 | 10.4 | *10.4* | B8 | 2 | .. | 39380b |
| 22 | 4820 | 55.0 | −13 46 | 8.2 | *8.2* | B8 | 4 | .. | 39460b |
| 23 | 4768 | 55.0 | −15 3 | 8.26 | *8.21* | B8 | 3 | .. | 39460b |
| 24 | *4944* | 55.0 | −21 0 | 8.2 | 8.5 | B9 | 6 | .. | 39280b |
| 25 | 4493 | 55.0 | −22 36 | 9.0 | 8.2 | B8 | 5 | .. | 40711b |
| 26 | 13775 | 55.0 | −23 32 | 8.9 | 8.2 | B8 | 5 | .. | 40711b |
| 27 | 12578 | 55.0 | −25 6 | 9.30 | 10.3 | K2 | 1 | .. | 39280b |
| 28 | 14347 | 55.0 | −29 11 | 10.2 | 10.3 | G5 | 2 | .. | 17092b |
| 29 | 14346 | 55.0 | −29 52 | 9.38 | 9.4 | Go | 2 | .. | 17092b |
| 30 | 12377 | 55.0 | −34 24 | 9.6 | 9.0 | Ko | 2 | .. | 13823b |
| 31 | 12122 | 55.0 | −45 40 | 9.2 | 8.9 | Ao | 9 | .. | 17085b |
| 32 | 8856 | 55.0 | −57 52 | 8.8 | 10.0 | Ko | 1 | .. | 17453b |
| 33 | 1883 | 55.0 | −73 6 | *8.5* | 9.1 | Go | 3 | .. | 21336b |
| 34 | 2991 | 55.1 | +37 53 | 8.7 | *9.5* | G5 | 1 | .. | 37871i |
| 35 | 3381 | 55.1 | +14 29 | 7.7 | *7.7* | Ao | 4 | .. | 37959i |
| 36 | 3564 | 55.1 | + 5 58 | 9.8 | *10.4* | Go | 2 | .. | 16851b |
| 37 | 3831 | 55.1 | + 0 10 | 8.5 | *9.7* | K5 | 3 | .. | 14148b |
| 38 | 4543 | 55.1 | − 7 31 | 9.0 | *9.5* | F8 | 4 | .. | 38082b |
| 39 | 4769 | 55.1 | −15 16 | 8.4 | *8.5* | A2 | 7 | .. | 38062b |
| 40 | 4945 | 55.1 | −20 48 | 8.4 | 9.1 | F8 | 4 | R | 39280b |
| 41 | | 55.1 | −20 48 | | | A2 | | | |
| 42 | 12672 | 55.1 | −26 17 | 8.9 | 10.4 | K2 | 1 | .. | 17092b |
| 43 | 14024 | 55.1 | −28 31 | 9.7 | 9.3 | F8 | 2 | .. | 17092b |
| 44 | 14349 | 55.1 | −29 34 | 7.4 | 7.9 | Ao | 8 | .. | 13823b |
| 45 | 12115 | 55.1 | −36 22 | 6.32 | 7.3 | B9 | 7 | .. | 5172b |
| 46 | 12133 | 55.1 | −39 39 | 9.0 | 8.8 | B8 | 3 | .. | 19911b |
| 47 | 12766 | 55.1 | −42 14 | 9.1 | 9.0 | Ao | 5 | .. | 19911b |
| 48 | 11689 | 55.1 | −50 27 | 9.9 | 9.9 | A2 | 2 | .. | 37621b |
| 49 | 11312 | 55.1 | −51 38 | 7.4 | 7.7 | F5 | 9 | .. | 37621b |
| 50 | 1408 | 55.1 | −75 6 | 6.93 | 9.1 | K5 | 5 | .. | 21336b |
| 51 | 3116 | 55.2 | +35 39 | 7.04 | *8.04* | Ko | 4 | .. | 37871i |
| 52 | 3096 | 55.2 | +30 3 | 6.92 | *6.92* | Ao | 3 | R | 35359i |
| 53 | | 55.2 | +30 3 | | | Go | 4 | | |
| 54 | 3317 | 55.2 | +15 19 | 8.3 | *8.3* | Ao | 3 | .. | 37959i |
| 55 | 3350 | 55.2 | +10 57 | 9.8 | *9.8* | Ao | 2 | .. | 16851b |
| 56 | 3531 | 55.2 | + 9 42 | 8.7 | *9.9* | K5 | 2 | .. | 16851b |
| 57 | 3593 | 55.2 | + 6 34 | 6.68 | *6.68* | Ao | 6 | 0,10 | 37811i |
| 58 | 3832 | 55.2 | + 0 38 | 6.29 | *6.35* | A2p | 6 | 2,8R | 38464i |
| 59 | 4217 | 55.2 | − 3 41 | 4.60 | *4.88* | Fo | .. | R | **56**,95 |
| 60 | 4821 | 55.2 | −13 21 | 10.2 | *11.2* | Ko | 1 | .. | 39380b |
| 61 | 4757 | 55.2 | −18 4 | 8.8 | *8.8* | Ao | 6 | .. | 38062b |
| 62 | 4795 | 55.2 | −19 51 | 8.58 | 9.1 | A5 | 5 | .. | 38062b |
| 63 | 4796 | 55.2 | −19 57 | 8.08 | 8.6 | Go | 5 | .. | 38062b |
| 64 | 4946 | 55.2 | −20 30 | 9.2 | 10.3 | K5 | 1 | .. | 39280b |
| 65 | 13755 | 55.2 | −24 19 | 9.5 | 9.5 | Ao | 3 | .. | 40711b |
| 66 | 13753 | 55.2 | −24 37 | 8.9 | 9.8 | K5 | 3 | .. | 40711b |
| 67 | 12675 | 55.2 | −26 58 | 8.3 | 9.3 | G5 | 4 | .. | 17092b |
| 68 | 14025 | 55.2 | −28 43 | 10.2 | 9.8 | Ko | 1 | .. | 17092b |
| 69 | 14026 | 55.2 | −28 47 | 9.5 | 9.3 | Go | 3 | .. | 17092b |
| 70 | 13623 | 55.2 | −32 43 | 8.80 | 8.6 | Obp | .. | R | **76**,29 |
| 71 | 12118 | 55.2 | −36 36 | 10.4 | 8.9 | B8 | 2 | .. | 20081b |
| 72 | 12320 | 55.2 | −41 25 | 9.0 | 9.6 | Ko | 1 | .. | 19911b |
| 73 | 12767 | 55.2 | −42 2 | 10.3 | 9.6 | Ao | 2 | .. | 21880b |
| 74 | 12206 | 55.2 | −43 7 | 10.3 | 11.0 | Ko | 1 | .. | 21880b |
| 75 | 12273 | 55.2 | −44 33 | 9.3 | 9.0 | Ao | 7 | .. | 17085b |
| 76 | 10966 | 55.2 | −52 3 | 9.2 | 10.8 | K5 | 1 | .. | 37621b |
| 77 | 10965 | 55.2 | −52 36 | *9.4* | 10.4 | Ko | 1 | .. | 37621b |
| 78 | 8560 | 55.2 | −56 30 | *9.2* | 10.3 | K2 | 1 | .. | 17453b |
| 79 | 7211 | 55.2 | −59 14 | *10.0* | 10.1 | A2 | 2 | .. | 17453b |
| 80 | 2986 | 55.3 | +36 17 | 5.98 | *6.98* | Ko | 7 | .. | 37871i |
| 81 | 3309 | 55.3 | +11 3 | 8.9 | *9.0* | A2 | 4 | .. | 16851b |
| 82 | 3594 | 55.3 | + 6 58 | 9.5 | *10.6* | K2 | 1 | .. | 16851b |
| 83 | 3568 | 55.3 | + 5 33 | 8.9 | *8.9* | Ao | 5 | .. | 16851b |
| 84 | 3570 | 55.3 | + 4 23 | 4.81 | *4.64* | B3 | .. | .. | **56**,95 |
| 85 | 3556 | 55.3 | + 1 37 | 7.9 | *8.9* | Ko | 6 | 0,2 | 14148b |
| 86 | 4528 | 55.3 | − 2 18 | 8.2 | *8.2* | B9 | 6 | .. | 38110b |
| 87 | 4219 | 55.3 | − 3 58 | 8.2 | *9.3* | K2 | 5 | .. | 38110b |
| 88 | 4580 | 55.3 | −10 56 | 9.5 | *9.5* | Ao | 2 | 2,1 | 39380b |
| 89 | 4892 | 55.3 | −12 10 | 10.4 | *10.8* | F5 | 1 | .. | 39380b |
| 90 | 4823 | 55.3 | −13 21 | 10.7 | *10.8* | A3 | 3 | .. | 39380b |
| 91 | 4760 | 55.3 | −18 30 | 8.2 | *9.4* | K5 | 3 | .. | 38062b |
| 92 | 4797 | 55.3 | −19 41 | 9.5 | 9.2 | A3 | 2 | .. | 38062b |
| 93 | 4798 | 55.3 | −19 50 | 9.8 | 9.4 | Ao | 2 | .. | 38062b |
| 94 | 13781 | 55.3 | −23 9 | 9.5 | 9.1 | A2 | 3 | .. | 40711b |
| 95 | 12258 | 55.3 | −27 40 | 8.9 | 7.6 | Ao | 4 | .. | 13838b |
| 96 | 12381 | 55.3 | −34 7 | 10.9 | 8.9 | G5 | 2 | .. | 13823b |
| 97 | 12413 | 55.3 | −38 28 | 9.4 | 9.0 | Fo | 4 | .. | 20081b |
| 98 | 12415 | 55.3 | −38 38 | 8.7 | 9.0 | F8 | 5 | .. | 20081b |
| 99 | 12414 | 55.3 | −38 57 | 10.0 | 9.6 | F8 | 2 | .. | 20081b |
| 100 | 12771 | 55.3 | −42 54 | 7.4 | 8.7 | K2 | 4 | .. | 19911b |



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1922AnHar..97....1C



## 164300 — $17^h 55^m.3$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12276 | 55.3 | −44 49 | 10.3 | 10.4 | Ko | 2 | .. | 17085b |
| 2 | 11314 | 55.3 | −51 23 | 11.0 | 10.7 | A2 | 1 | .. | 37621b |
| 3 | 8562 | 55.3 | −56 16 | 7.4 | 9.2 | Ma | 4 | .. | 17453b |
| 4 | 3092 | 55.4 | +34 58 | 8.47 | *9.47* | Ko | 1 | .. | 37871i |
| 5 | 3093 | 55.4 | +34 6 | 8.7 | *9.3* | Go | 2 | .. | 37871i |
| 6 | 3250 | 55.4 | +22 5 | 8.6 | *8.6* | Ao | 3 | .. | 38784i |
| 7 | 3489a | 55.4 | +19 29 | var. | var. | Md | .. | R | M |
| 8 | 3532 | 55.4 | + 9 5 | 9.5 | *9.6* | A2 | 2 | .. | 16851b |
| 9 | 3555 | 55.4 | + 8 52 | 7.12 | *7.90* | G5 | 9 | R | 16851b |
| 10 | 3556 | 55.4 | + 8 52 | | | Ko | 2 | | |
| 11 | 3571 | 55.4 | + 4 32 | 9.8 | *9.8* | B9 | 4 | .. | 14148b |
| 12 | 4544 | 55.4 | − 7 33 | 9.5 | *10.5* | Ko | 2 | .. | 38082b |
| 13 | 4581 | 55.4 | −10 11 | 9.5 | *10.3* | G5 | 2 | .. | 38082b |
| 14 | 4848 | 55.4 | −14 18 | 9.8 | *10.8* | Ko | 2 | .. | 39380b |
| 15 | 12588 | 55.4 | −25 37 | 10.4 | 9.8 | Go | 2 | .. | 39280b |
| 16 | 12582 | 55.4 | −25 55 | 10.4 | 9.8 | F8 | 1 | .. | 39280b |
| 17 | 12682 | 55.4 | −26 12 | 11.6 | 10.1 | Ao | 2 | .. | 17092b |
| 18 | 12263 | 55.4 | −27 57 | 10.7 | 9.3 | B9 | 2 | .. | 17092b |
| 19 | 12743 | 55.4 | −33 49 | 10.4 | 9.4 | B8 | 2 | .. | 13823b |
| 20 | 12174 | 55.4 | −35 40 | 7.6 | 7.5 | B8 | 7 | .. | 20081b |
| 21 | 12123 | 55.4 | −36 21 | 7.32 | 7.5 | B8 | 8 | .. | 20081b |
| 22 | 12417 | 55.4 | −38 34 | 9.4 | 9.6 | K2 | 1 | .. | 20081b |
| 23 | 12775 | 55.4 | −42 3 | 8.9 | 9.3 | Ko | 1 | .. | 19911b |
| 24 | 12055 | 55.4 | −46 1 | 9.3 | 9.8 | F8 | 4 | .. | 17085b |
| 25 | 12008 | 55.4 | −47 53 | 9.9 | 10.1 | A2 | 1 | .. | 19938b |
| 26 | 12237 | 55.4 | −48 22 | 9.5 | 9.8 | Go | 1 | .. | 19938b |
| 27 | 8898 | 55.4 | −53 55 | *10.2* | 10.5 | Fo | 1 | .. | 37621b |
| 28 | 7214 | 55.4 | −59 52 | 8.22 | 8.9 | G5 | 5 | .. | 17453b |
| 29 | 1587 | 55.5 | +62 38 | 7.70 | *7.76* | A2 | 7 | .. | 38505i |
| 30 | 1586 | 55.5 | +62 37 | 7.22 | *8.22* | Ko | 4 | .. | 38505i |
| 31 | 2632 | 55.5 | +45 45 | 8.8 | *8.8* | Ao | 2 | .. | 37844i |
| 32 | 3351 | 55.5 | +10 31 | 8.7 | *9.7* | Ko | 4 | .. | 16851b |
| 33 | 4542 | 55.5 | − 8 28 | 9.3 | *9.4* | A2 | 2 | .. | 38082b |
| 34 | 14357 | 55.5 | −29 15 | 9.5 | 9.1 | Ao | 3 | .. | 17092b |
| 35 | 14974 | 55.5 | −31 2 | 9.7 | 10.3 | Ko | 1 | .. | 13823b |
| 36 | 14973 | 55.5 | −31 50 | 10.9 | 9.7 | Ao | 3 | .. | 13823b |
| 37 | 13634 | 55.5 | −32 4 | 8.7 | 8.5 | B8 | 6 | .. | 13823b |
| 38 | 12177 | 55.5 | −35 32 | 9.4 | 8.9 | A2 | 3 | .. | 20081b |
| 39 | 12125 | 55.5 | −36 14 | 10.2 | 8.6 | B9 | 3 | .. | 20081b |
| 40 | 12092 | 55.5 | −40 5 | 9.08 | 8.8 | B5 | 3 | .. | 19911b |
| 41 | 12090 | 55.5 | −40 46 | 10.2 | 8.7 | A2 | 4 | .. | 19911b |
| 42 | 12327 | 55.5 | −41 42 | 10.0 | 9.6 | Ao | 2 | .. | 21880b |
| 43 | 12329 | 55.5 | −41 43 | 9.4 | 9.3 | Ao | 3 | .. | 21880b |
| 44 | 10970 | 55.5 | −52 33 | *9.8* | 9.8 | Ao | 3 | .. | 37621b |
| 45 | 1925 | 55.6 | +54 41 | var. | var. | K5p | 3 | R | 38015i |
| 46 | 2497 | 55.6 | +50 20 | 8.6 | *9.6* | Ko | 1 | .. | 38778i |
| 47 | 2972 | 55.6 | +42 34 | 8.6 | *8.9* | Fo | 1 | .. | 37220i |
| 48 | 3294 | 55.6 | +24 16 | 8.7 | *8.8* | A2 | 2 | .. | 38784i |
| 49 | 3335 | 55.6 | +16 46 | 4.71 | *5.71* | Ko | .. | 0,10 | 56,95 |
| 50 | 3557 | 55.6 | + 8 46 | 9.5 | *9.5* | Ao | 3 | .. | 16851b |
| 51 | 3556 | 55.6 | + 3 51 | 9.3 | *10.4* | K2 | 1 | .. | 14148b |
| 52 | 3557 | 55.6 | + 3 12 | 9.1 | *9.1* | B8 | 4 | .. | 14148b |
| 53 | 3458 | 55.6 | + 2 56 | 3.92 | *3.80* | B5p | .. | R | 2918c |
| 54 | 3433 | 55.6 | − 1 12 | 9.8 | *10.8* | Ko | 1 | .. | 38110b |
| 55 | 4543 | 55.6 | − 8 42 | 10.0 | *10.0* | Ao | 1 | .. | 38082b |
| 56 | 4775 | 55.6 | −15 21 | 8.4 | *9.8* | Mb | 2 | .. | 38062b |
| 57 | 4774 | 55.6 | −15 43 | 10.4 | *11.4* | Ko | 2 | .. | 39380b |
| 58 | 4987 | 55.6 | −17 10 | 6.31 | *7.38* | K2 | 7 | .. | 38062b |
| 59 | 4500 | 55.6 | −22 7 | 8.2 | 7.3 | Bo | .. | 3,8 | 56,141 |
| 60 | 12270 | 55.6 | −27 43 | 10.4 | 10.0 | Ko | 1 | .. | 17092b |
| 61 | 12269 | 55.6 | −27 52 | 9.5 | 9.5 | K2 | 2 | .. | 17092b |
| 62 | 14361 | 55.6 | −29 16 | 10.7 | 9.2 | B8 | 2 | .. | 17092b |
| 63 | 14976 | 55.6 | −31 24 | 9.3 | 9.1 | Ao | 5 | .. | 13823b |
| 64 | 12178 | 55.6 | −35 35 | 10.0 | 8.9 | A | 1 | .. | 20081b |
| 65 | 12104 | 55.6 | −37 57 | 9.0 | 8.9 | Ko | 1 | .. | 20081b |
| 66 | 12146 | 55.6 | −39 3 | 9.4 | 9.3 | Ao | 4 | .. | 20081b |
| 67 | 12093 | 55.6 | −40 21 | 9.0 | 9.9 | Ko | 2 | 0,1 | 21880b |
| 68 | 12094 | 55.6 | −40 31 | 9.4 | 9.3 | A5 | 2 | .. | 19911b |
| 69 | 10972 | 55.6 | −52 12 | *10.3* | 10.4 | A2 | 2 | .. | 37621b |
| 70 | 8445 | 55.6 | −55 7 | 9.52 | 9.8 | F8 | 1 | .. | 17453b |
| 71 | 7215 | 55.6 | −59 10 | 7.02 | 8.9 | K2 | 5 | .. | 17453b |
| 72 | 564 | 55.7 | +79 21 | 7.40 | *7.74* | F2 | 4 | .. | 37240i |
| 73 | 956 | 55.7 | +69 16 | 8.9 | *10.1* | K5 | 1 | .. | 38095i |
| 74 | 3100 | 55.7 | +30 44 | 8.1 | *9.1* | Ko | 3 | .. | 38480i |
| 75 | 3525 | 55.7 | + 7 59 | 9.3 | *9.4* | A5 | 3 | .. | 16851b |
| 76 | 4530 | 55.7 | − 2 1 | 9.0 | *9.0* | Ao | 3 | .. | 38110b |
| 77 | 4529 | 55.7 | − 2 34 | 7.62 | *8.62* | Ko | 7 | .. | 38110b |
| 78 | 4694 | 55.7 | − 6 6 | 9.2 | *10.2* | Ko | 2 | .. | 39390b |
| 79 | 4695 | 55.7 | − 6 6 | 9.5 | *10.0* | F8 | 1 | .. | 39390b |
| 80 | 4824 | 55.7 | −13 38 | 10.8 | *10.9* | A2 | 1 | .. | 39380b |
| 81 | 4777 | 55.7 | −15 41 | 9.5 | *9.5* | Ao | 5 | .. | 39380b |
| 82 | 4763 | 55.7 | −18 49 | 10.7 | *10.7* | A | 1 | .. | 38062b |
| 83 | 4762 | 55.7 | −18 59 | 10.4 | *10.4* | A | 1 | .. | 38062b |
| 84 | 13789 | 55.7 | −23 10 | 8.5 | 7.9 | B5 | 5 | R | 40711b |
| 85 | 13765 | 55.7 | −24 8 | 8.7 | 7.7 | B8 | 7 | .. | 40711b |
| 86 | 13767 | 55.7 | −24 21 | 8.7 | 9.2 | Ko | 4 | .. | 40711b |
| 87 | 15119 | 55.7 | −30 5 | 10.2 | 10.3 | Ko | 1 | .. | 17092b |
| 88 | 12750 | 55.7 | −33 46 | 8.0 | 7.7 | Ao | 7 | .. | 13823b |
| 89 | 12129 | 55.7 | −36 21 | 9.4 | 8.9 | G5 | 1 | .. | 20081b |
| 90 | 12130 | 55.7 | −36 40 | 9.4 | 9.5 | G5 | 3 | 5,2 R | 38804b |
| 91 | 12280 | 55.7 | −44 38 | 10.1 | 10.3 | Ko | 2 | .. | 17085b |
| 92 | 3585 | 55.7 | −65 10 | 8.55 | 9.8 | K5 | 1 | .. | 42484b |
| 93 | 571 | 55.7 | −84 46 | *9.2* | 10.4 | K5 | 2 | .. | 14161b |
| 94 | 2119 | 55.8 | +52 14 | 7.71 | *7.77* | A2 | 5 | .. | 38015i |
| 95 | 2800 | 55.8 | +44 57 | 7.87 | *8.43* | Go | 3 | .. | 37844i |
| 96 | 3633 | 55.8 | +20 46 | 7.9 | *8.4* | F8 | 5 | .. | 38784i |
| 97 | 4221 | 55.8 | − 3 31 | 9.5 | *10.5* | Ko | 1 | .. | 38110b |
| 98 | 4220 | 55.8 | − 3 39 | 9.8 | *9.9* | A2 | 2 | .. | 38110b |
| 99 | 4825 | 55.8 | −13 38 | 9.5 | *10.1* | Go | 6 | .. | 39380b |
| 100 | 4851 | 55.8 | −14 29 | 9.8 | *9.8* | Ao | 2 | .. | 39380b |



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## 164400 — $17^h\,55^m.8$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4853 | 55.8 | −14 30 | 10.0 | *10.0* | Ao | 2 | .. | 39380b |
| 2 | 4503 | 55.8 | −22 46 | 5.73 | *5.49* | Bo | .. | .. | 56,95 |
| 3 | 12595 | 55.8 | −25 1 | 9.05 | 9.8 | K5 | 2 | .. | 40711b |
| 4 | 12272 | 55.8 | −27 30 | 8.3 | 7.3 | B8 | 4 | .. | 13838b |
| 5 | 14035 | 55.8 | −28 23 | 9.2 | 8.6 | F5 | 1 | .. | 13838b |
| 6 | 12386 | 55.8 | −34 11 | 9.3 | 8.6 | B8 | 5 | .. | 13823b |
| 7 | .. | 55.8 | −36 39 | Neb. | Neb. | Pd | .. | R | M |
| 8 | 12107 | 55.8 | −37 53 | 10.9 | 9.2 | Ao | 1 | .. | 20081b |
| 9 | 12220 | 55.8 | −43 28 | 7.4 | 7.9 | Ko | 6 | 0,9 | 19911b |
| 10 | 6102 | 55.8 | −61 6 | 9.1 | 9.8 | K2 | 1 | .. | 42484b |
| 11 | 3558 | 55.9 | + 3 21 | 8.5 | *8.8* | Fo | 5 | .. | 14148b |
| 12 | 4893 | 55.9 | −12 2 | 9.5 | *10.0* | F8 | 4 | .. | 39380b |
| 13 | 4826 | 55.9 | −13 34 | 9.0 | *10.0* | Ko | 5 | 0,3 | 39380b |
| 14 | 4687 | 55.9 | −16 26 | 8.2 | *8.2* | Ao | 5 | .. | 38062b |
| 15 | 13770 | 55.9 | −24 39 | 10.7 | 9.2 | Ao | 3 | .. | 40711b |
| 16 | 12690 | 55.9 | −26 29 | 9.5 | 9.2 | Ao | 4 | .. | 17092b |
| 17 | 14371 | 55.9 | −29 17 | 10.9 | 10.0 | Ao | 1 | .. | 17092b |
| 18 | 14980 | 55.9 | −31 29 | 9.5 | 9.2 | Fo | 3 | .. | 13823b |
| 19 | 12151 | 55.9 | −39 20 | 8.4 | 9.6 | K2 | 2 | .. | 20081b |
| 20 | 12222 | 55.9 | −43 0 | 10.6 | 10.3 | Go | 2 | .. | 21880b |
| 21 | 12282 | 55.9 | −44 31 | 10.6 | 10.7 | K2 | 1 | .. | 17085b |
| 22 | 12136 | 55.9 | −45 36 | 9.2 | 8.9 | B9 | 9 | .. | 17085b |
| 23 | 12248 | 55.9 | −48 34 | 9.9 | 9.8 | Go | 2 | .. | 19938b |
| 24 | 8908 | 55.9 | −53 49 | *9.6* | 10.1 | F8 | 3 | .. | 37621b |
| 25 | 8568 | 55.9 | −56 4 | *10.0* | 10.0 | B9 | 1 | .. | 17453b |
| 26 | 8567 | 55.9 | −56 38 | 8.4 | 9.2 | Ko | 3 | .. | 17453b |
| 27 | 7218 | 55.9 | −59 12 | 7.00 | 7.5 | Go | 9 | .. | 17453b |
| 28 | 616 | 56.0 | +78 20 | 6.38 | *7.56* | K5 | 6 | .. | 37240i |
| 29 | 2635 | 56.0 | +45 28 | 6.22 | *6.20* | B9 | 8 | .. | 37844i |
| 30 | 3534 | 56.0 | + 9 34 | 7.17 | *8.17* | Ko | 8 | .. | 16851b |
| 31 | 3526 | 56.0 | + 7 26 | 9.5 | *10.3* | G5 | 2 | .. | 16851b |
| 32 | 3597 | 56.0 | + 6 16 | 6.18 | *6.01* | B3 | 6 | 5,8 | 38464i |
| 33 | 4546 | 56.0 | − 7 34 | 9.2 | *10.0* | G5 | 3 | .. | 38082b |
| 34 | 4583 | 56.0 | −10 13 | 8.26 | *8.82* | Go | 7 | .. | 38082b |
| 35 | 4515 | 56.0 | −11 54 | 9.8 | *9.9* | A2 | 3 | .. | 39380b |
| 36 | 4688 | 56.0 | −16 49 | 10.7 | *10.8* | A2 | 2 | .. | 38062b |
| 37 | 4991 | 56.0 | −17 53 | 10.7 | *10.7* | Ao | 1 | .. | 38062b |
| 38 | 4800 | 56.0 | −19 6 | 7.28 | 7.2 | B3 | 6 | .. | 38062b |
| 39 | 12430 | 56.0 | −38 21 | 10.0 | 9.6 | Fo | 2 | .. | 20081b |
| 40 | 12138 | 56.0 | −45 31 | 9.3 | 9.2 | Ao | 5 | .. | 17085b |
| 41 | 10974 | 56.0 | −52 51 | 8.3 | 9.5 | Ko | 3 | .. | 37621b |
| 42 | 8449 | 56.0 | −55 43 | *9.6* | 10.1 | F8 | 1 | .. | 37621b |
| 43 | 8570 | 56.0 | −56 19 | 9.1 | 10.0 | Ko | 1 | .. | 17453b |
| 44 | 4275 | 56.0 | −63 11 | *7.4* | 8.0 | Go | 7 | .. | 20144b |
| 45 | 668 | 56.1 | +76 1 | 7.12 | *7.40* | Fo | 3 | .. | 37240i |
| 46 | 958 | 56.1 | +69 38 | 6.95 | *7.95* | Ko | 7 | .. | 38095i |
| 47 | 3494 | 56.1 | +19 31 | 6.42 | *6.40* | B9 | 5 | .. | 38784i |
| 48 | 3401 | 56.1 | +17 7 | 7.55 | *8.90* | Ma | 2 | .. | 37959i |
| 49 | 3355 | 56.1 | +10 29 | 8.5 | *8.6* | A2 | 5 | .. | 16851b |
| 50 | 4896 | 56.1 | −12 20 | 10.8 | *11.4* | Go | 2 | .. | 39380b |
| 51 | 4778 | 56.1 | −15 39 | 9.8 | *10.8* | Ko | 2 | .. | 39380b |
| 52 | 13800 | 56.1 | −23 18 | 10.9 | 9.4 | A2 | 2 | .. | 40711b |
| 53 | 13775 | 56.1 | −24 52 | 8.15 | 8.7 | G5 | 5 | .. | 40711b |
| 54 | 14040 | 56.1 | −28 47 | 10.9 | 10.0 | Ao | 1 | .. | 17092b |
| 55 | 12759 | 56.1 | −33 53 | 7.11 | 7.3 | B5 | 9 | .. | 13823b |
| 56 | 12100 | 56.1 | −40 20 | 9.4 | 9.3 | Ao | 3 | .. | 19911b |
| 57 | 12288 | 56.1 | −44 1 | 9.3 | 9.5 | A3 | 5 | .. | 17085b |
| 58 | 12141 | 56.1 | −45 16 | 9.7 | 10.1 | K2 | 1 | .. | 17085b |
| 59 | 12018 | 56.1 | −47 9 | 8.6 | 8.6 | Ao | 7 | .. | 17085b |
| 60 | 10975 | 56.1 | −52 55 | *9.5* | 10.1 | Go | 3 | .. | 37621b |
| 61 | 274 | 56.1 | −87 40 | 5.22 | 7.1 | Ko | .. | 0,7 R | 56,141 |
| 62 | 803 | 56.2 | +73 8 | 8.0 | *9.1* | K2 | 1 | .. | 38095i |
| 63 | 2860 | 56.2 | +43 9 | 8.9 | *9.9* | Ko | 2 | .. | 37844i |
| 64 | 3535 | 56.2 | + 9 30 | 9.3 | *10.3* | Ko | 3 | .. | 16851b |
| 65 | .. | 56.2 | + 4 42 | .. | .. | Ao | 2 | .. | 14148b |
| 66 | 3557 | 56.2 | + 1 45 | 8.7 | *8.8* | A2 | 5 | 0,2 | 14148b |
| 67 | 4897 | 56.2 | −12 10 | 9.5 | *9.6* | A2 | 1 | .. | 39380b |
| 68 | 4829 | 56.2 | −13 22 | 10.2 | *11.4* | K5 | 1 | .. | 39380b |
| 69 | 4855 | 56.2 | −14 20 | 10.7 | *10.7* | Ao | 2 | .. | 39380b |
| 70 | 4821 | 56.2 | −21 45 | 9.8 | 9.1 | Ao | 4 | .. | 39280b |
| 71 | 12698 | 56.2 | −26 0 | 10.9 | 9.5 | F8 | 2 | .. | 17092b |
| 72 | 12287 | 56.2 | −27 57 | 10.2 | 9.2 | G5 | 3 | .. | 17092b |
| 73 | 14044 | 56.2 | −28 35 | 9.7 | 9.2 | A2 | 2 | .. | 17092b |
| 74 | 12761 | 56.2 | −33 34 | 10.2 | 9.7 | A3 | 1 | .. | 13823b |
| 75 | 12189 | 56.2 | −35 31 | 9.0 | 8.7 | B9 | 4 | .. | 20081b |
| 76 | 12155 | 56.2 | −39 50 | 8.93 | 9.3 | Ao | 3 | .. | 19911b |
| 77 | 12251 | 56.2 | −48 56 | 7.4 | 8.6 | Ko | 8 | .. | 19938b |
| 78 | 8454 | 56.2 | −55 34 | 8.4 | 8.5 | B8 | 7 | .. | 17453b |
| 79 | 2176 | 56.2 | −72 21 | *8.9* | 9.7 | G5 | 1 | .. | 21336b |
| 80 | *1159* | 56.2 | −79 0 | *8.9* | 9.7 | G5 | 4 | .. | 19008b |
| 81 | 3403 | 56.3 | +17 11 | 7.6 | *7.7* | A3 | 5 | .. | 37959i |
| 82 | 3527 | 56.3 | + 7 39 | 9.1 | *9.9* | G5 | 1 | .. | 16851b |
| 83 | 4639 | 56.3 | − 9 2 | 9.5 | *10.1* | Go | 2 | .. | 38082b |
| 84 | 4898 | 56.3 | −12 57 | 10.2 | *10.7* | F8 | 2 | .. | 39380b |
| 85 | 4833 | 56.3 | −13 8 | 8.7 | *8.8* | A3 | 8 | .. | 39380b |
| 86 | 4830 | 56.3 | −13 59 | 9.8 | *9.8* | Ao | 3 | .. | 40332b |
| 87 | 4856 | 56.3 | −14 23 | 10.0 | *11.1* | K2 | 1 | .. | 39380b |
| 88 | 4858 | 56.3 | −14 36 | 10.7 | *10.7* | B9 | 2 | .. | 39380b |
| 89 | 4857 | 56.3 | −14 41 | 10.0 | *11.0* | Ko | 1 | .. | 39380b |
| 90 | 4780 | 56.3 | −15 20 | 10.7 | *10.7* | Ao | 3 | .. | 39380b |
| 91 | 4823 | 56.3 | −21 57 | 8.9 | 9.4 | Ko | 3 | .. | 40711b |
| 92 | 13804 | 56.3 | −23 1 | 6.91 | 6.8 | Oe5 | .. | R | 56,141 |
| 93 | 12606 | 56.3 | −25 15 | 10.7 | 10.0 | A | 1 | .. | 40711b |
| 94 | 12701 | 56.3 | −26 6 | 9.3 | 8.9 | Ao | 5 | .. | 17092b |
| 95 | 14388 | 56.3 | −29 32 | 8.3 | 9.1 | F8 | 2 | .. | 13838b |
| 96 | 15136 | 56.3 | −30 58 | 7.9 | 8.6 | B9 | 7 | .. | 13823b |
| 97 | 13652 | 56.3 | −32 48 | 10.0 | 9.2 | Ao | 3 | .. | 13823b |
| 98 | 12191 | 56.3 | −35 53 | 10.7 | 10.3 | K5 | 1 | .. | 20081b |
| 99 | 12144 | 56.3 | −45 35 | 11.0 | 10.1 | A3 | 2 | .. | 17085b |
| 100 | 12143 | 56.3 | −45 51 | 10.3 | 10.1 | Go | 1 | .. | 17085b |



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## 164500 — 17h 56m.3

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11898 | 56.3 | −49 46 | 9.1 | 9.8 | Ao | 4 | .. | 19938b |
| 2 | 2716 | 56.4 | +49 16 | 8.2 | *9.4* | K5 | 1 | .. | 38778i |
| 3 | 2948 | 56.4 | +41 45 | 7.8 | *8.2* | F5 | 2 | .. | 37844i |
| 4 | 3054 | 56.4 | +38 18 | 8.3 | *8.7* | F5 | 3 | .. | 37871i |
| 5 | 3097 | 56.4 | +34 14 | 8.9 | *9.0* | A5 | 2 | .. | 37871i |
| 6 | 2882 | 56.4 | +28 45 | 7.37 | *7.43* | A2 | 6 | .. | 38480i |
| 7 | 3327 | 56.4 | +15 7 | 6.30 | *7.08* | G5 | 8 | .. | 37959i |
| 8 | 3562 | 56.4 | + 3 48 | 8.7 | *8.7* | Ao | 7 | 0,3 | 14148b |
| 9 | 3837 | 56.4 | + 0 7 | 8.28 | *9.06* | G5 | 7 | .. | 14148b |
| 10 | 4386 | 56.4 | − 4 41 | 9.2 | *10.0* | G5 | 3 | .. | 38110b |
| 11 | 4834 | 56.4 | −13 2 | 9.3 | *9.4* | A3 | 6 | .. | 39380b |
| 12 | 4781 | 56.4 | −15 32 | 10.7 | *10.7* | A | 2 | .. | 39380b |
| 13 | 4690 | 56.4 | −16 13 | 8.2 | *8.7* | F8 | 3 | .. | 38062b |
| 14 | 4510 | 56.4 | −22 54 | 7.28 | 8.2 | F5 | 5 | .. | 40711b |
| 15 | 13780 | 56.4 | −24 36 | 10.2 | 9.8 | Ao | 2 | .. | 40711b |
| 16 | 14389 | 56.4 | −29 22 | 8.1 | 8.0 | B8 | 5 | .. | 13838b |
| 17 | 14999 | 56.4 | −31 4 | 10.9 | 9.7 | Ao | 2 | .. | 13823b |
| 18 | 14995 | 56.4 | −31 49 | 10.7 | 11.1 | A | 1 | .. | 13823b |
| 19 | 12143 | 56.4 | −36 32 | 8.5 | 8.6 | F8 | 3 | .. | 20081b |
| 20 | 12117 | 56.4 | −37 31 | 10.7 | 9.6 | A2 | 1 | .. | 20081b |
| 21 | 12434 | 56.4 | −38 48 | 9.4 | 9.3 | B9 | 3 | .. | 20081b |
| 22 | 12102 | 56.4 | −40 11 | 10.0 | 9.9 | G5 | 2 | .. | 21880b |
| 23 | .. | 56.4 | −47 14 | var. | var. | Md | .. | R | M |
| 24 | 8573 | 56.4 | −56 10 | 9.0 | 9.8 | Ko | 1 | .. | 17453b |
| 25 | 7330 | 56.4 | −58 37 | 9.1 | 9.8 | Go | 3 | .. | 17453b |
| 26 | 2001 | 56.5 | +55 8 | 8.51 | *9.29* | G5 | 2 | .. | 38015i |
| 27 | 2802 | 56.5 | +44 45 | 8.2 | *9.0* | G5 | 2 | .. | 37844i |
| 28 | .. | 56.5 | + 4 38 | .. | .. | Ao | 2 | .. | 14148b |
| 29 | 3564 | 56.5 | + 3 32 | 8.1 | *8.1* | Ao | 4 | 1,8 | 37811i |
| 30 | 4860 | 56.5 | −14 30 | 9.0 | *9.3* | Fo | 7 | .. | 39380b |
| 31 | 4996 | 56.5 | −17 8 | 9.5 | *10.9* | Ma | 1 | .. | 39400b |
| 32 | 4995 | 56.5 | −17 50 | 9.3 | *9.3* | B8 | 4 | .. | 38062b |
| 33 | 4804 | 56.5 | −19 36 | 9.8 | 9.4 | B8 | 2 | .. | 38062b |
| 34 | 4511 | 56.5 | −22 46 | 8.93 | 8.9 | Ao | 3 | .. | 40711b |
| 35 | 13786 | 56.5 | −24 3 | 9.5 | 9.5 | B9 | 2 | .. | 40711b |
| 36 | 13783 | 56.5 | −24 15 | 6.87 | 7.4 | B3 | 8 | .. | 40711b |
| 37 | 13787 | 56.5 | −24 33 | 10.2 | 9.2 | Ao | 3 | .. | 40711b |
| 38 | 12299 | 56.5 | −27 4 | 8.7 | 8.0 | Go | 3 | .. | 13838b |
| 39 | 14053 | 56.5 | −28 55 | 9.7 | 10.7 | K2 | 1 | .. | 17092b |
| 40 | 15140 | 56.5 | −30 43 | 10.0 | 9.7 | Ao | 3 | .. | 17092b |
| 41 | 15142 | 56.5 | −30 58 | 8.5 | 9.7 | K2 | 1 | .. | 13823b |
| 42 | 12194 | 56.5 | −35 37 | 8.4 | 8.0 | B9 | 6 | .. | 20081b |
| 43 | 12119 | 56.5 | −37 15 | 9.1 | 8.0 | B9 | 5 | .. | 20081b |
| 44 | 12437 | 56.5 | −38 6 | 8.0 | 8.1 | Ao | 8 | .. | 20081b |
| 45 | 12800 | 56.5 | −42 52 | 9.7 | 9.9 | F8 | 3 | .. | 21880b |
| 46 | 12146 | 56.5 | −45 10 | 7.9 | 8.1 | B9 | 10 | .. | 17085b |
| 47 | 12066 | 56.5 | −46 58 | 9.7 | 9.8 | F8 | 2 | .. | 17085b |
| 48 | 11700 | 56.5 | −50 34 | 9.3 | 9.8 | F2 | 4 | .. | 37621b |
| 49 | 8912 | 56.5 | −53 58 | *10.0* | 10.0 | Ao | 3 | .. | 37621b |
| 50 | 8651 | 56.5 | −54 6 | *10.0* | 10.0 | Ao | 3 | .. | 37621b |
| 51 | 6992 | 56.5 | −60 7 | 9.2 | 10.4 | Ko | 1 | .. | 42469b |
| 52 | 1233 | 56.6 | +64 34 | 9.0 | *10.0* | Ko | 1 | .. | 38505i |
| 53 | 33387 | 56.6 | +14 8 | 7.97 | *9.15* | K5 | 1 | .. | 37959i |
| 54 | 3599 | 56.6 | + 6 54 | 9.0 | *9.8* | G5 | 2 | .. | 16851b |
| 55 | 3572 | 56.6 | + 5 35 | 9.1 | *9.2* | A5 | 4 | .. | 14148b |
| 56 | 3566 | 56.6 | + 3 58 | 8.9 | *8.9* | Ao | 6 | 0,2 | 14148b |
| 57 | 3565 | 56.6 | + 3 31 | 8.1 | *8.1* | Ao | 5 | 1,9 | 37811i |
| 58 | 3558 | 56.6 | + 1 54 | 9.3 | *9.8* | F8 | 1 | .. | 14148b |
| 59 | 4900 | 56.6 | −12 9 | 9.2 | *10.2* | Ko | 3 | .. | 39380b |
| 60 | 4692 | 56.6 | −16 58 | 9.8 | *9.8* | Ao | 3 | .. | 38062b |
| 61 | 12707 | 56.6 | −26 16 | 10.4 | 8.9 | B9 | 5 | .. | 17092b |
| 62 | 12302 | 56.6 | −27 49 | 6.68 | 8.0 | Ko | 3 | .. | 13838b |
| 63 | 15145 | 56.6 | −30 31 | 10.7 | 9.4 | Ao | 3 | .. | 17092b |
| 64 | 15147 | 56.6 | −30 47 | 8.3 | 9.1 | Ko | 5 | .. | 17092b |
| 65 | 12768 | 56.6 | −33 20 | 9.3 | 9.2 | F5 | 2 | .. | 13823b |
| 66 | 12400 | 56.6 | −34 58 | 9.04 | 9.5 | A2 | 3 | .. | 20081b |
| 67 | 12024 | 56.6 | −47 43 | 8.6 | 9.6 | K5 | 3 | .. | 19938b |
| 68 | 12259 | 56.6 | −48 15 | 10.1 | 9.5 | F5 | 4 | .. | 19938b |
| 69 | 10978 | 56.6 | −52 15 | 8.4 | 9.0 | A2 | 6 | .. | 37621b |
| 70 | 10979 | 56.6 | −52 48 | *9.3* | 9.9 | Go | 2 | .. | 37621b |
| 71 | 8460 | 56.6 | −55 52 | 8.1 | 8.5 | A2 | 6 | .. | 17453b |
| 72 | 8576 | 56.6 | −56 33 | *9.4* | 9.8 | F5 | 2 | .. | 17453b |
| 73 | 5787 | 56.6 | −62 22 | *9.5* | 9.6 | A3 | 1 | .. | 20144b |
| 74 | 1665 | 56.6 | −74 15 | *9.2* | 9.2 | Ao | 2 | .. | 21336b |
| 75 | 2861 | 56.7 | +43 14 | 6.95 | *7.95* | Ko | 5 | .. | 37844i |
| 76 | 3572 | 56.7 | + 4 41 | 9.1 | *10.1* | Ko | 2 | .. | 14148b |
| 77 | 3560 | 56.7 | + 1 19 | 4.44 | *4.50* | A2 | .. | 0, R | 2762c |
| 78 | 4533 | 56.7 | − 2 8 | 9.5 | *10.6* | K2 | 1 | .. | 38110b |
| 79 | 4902 | 56.7 | −12 18 | 7.82 | *9.17* | Mb | 3 | .. | 40332b |
| 80 | 4861 | 56.7 | −14 39 | 10.0 | *10.1* | A3 | 2 | .. | 39380b |
| 81 | 4952 | 56.7 | −20 44 | 6.85 | 5.9 | B3 | 6 | .. | 44641b |
| 82 | 4826 | 56.7 | −21 30 | 8.2 | 8.5 | Ao | 7 | .. | 39280b |
| 83 | 4513 | 56.7 | −22 5 | 10.8 | 9.7 | A | 2 | .. | 40711b |
| 84 | 13793 | 56.7 | −24 17 | 5.49 | 6.2 | A5 | .. | 5,10 | 56,95 |
| 85 | 13791 | 56.7 | −24 32 | 10.4 | 9.8 | A | 1 | .. | 40711b |
| 86 | 14056 | 56.7 | −28 48 | 10.9 | 10.1 | Ao | 1 | .. | 17092b |
| 87 | 15005 | 56.7 | −31 53 | 9.5 | 9.7 | Ko | 1 | .. | 13823b |
| 88 | 12200 | 56.7 | −35 43 | 9.4 | 9.2 | Ao | 3 | .. | 20081b |
| 89 | 12166 | 56.7 | −39 24 | 8.0 | 9.3 | Ma | 3 | .. | 20081b |
| 90 | 12025 | 56.7 | −47 46 | 10.6 | 10.1 | Ao | 2 | .. | 19938b |
| 91 | 11335 | 56.7 | −51 40 | 10.6 | 10.1 | F8 | 2 | .. | 37621b |
| 92 | 8654 | 56.7 | −54 10 | *9.0* | 9.8 | G5 | 3 | .. | 37621b |
| 93 | 1285 | 56.7 | −77 54 | *9.1* | 10.3 | K5 | 1 | .. | 19008b |
| 94 | 2977 | 56.8 | +42 2 | 8.2 | *8.7* | F8 | 2 | .. | 37220i |
| 95 | 3165 | 56.8 | +29 34 | 7.16 | *7.94* | G5 | 5 | .. | 38480i |
| 96 | 3335 | 56.8 | +15 31 | 8.4 | *8.8* | F5 | 1 | .. | 37959i |
| 97 | 3574 | 56.8 | + 5 40 | 8.6 | *9.7* | K2 | 3 | .. | 14148b |
| 98 | 3575 | 56.8 | + 5 32 | 9.5 | *9.6* | A2 | 4 | .. | 14148b |
| 99 | 3576 | 56.8 | + 5 20 | 10.1 | *10.1* | Ao | 2 | .. | 14148b |
| 100 | 4223 | 56.8 | − 3 48 | 9.8 | *10.3* | F8 | 3 | .. | 38110b |



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## 164600 — $17^h\,56^m.8$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4587 | 56.8 | −10 30 | 9.5 | *10.0* | F8 | 2 | .. | 38082b |
| 2 | 13795 | 56.8 | −24 4 | 10.0 | 10.1 | G5 | 1 | .. | 40711b |
| 3 | 12622 | 56.8 | −25 45 | 10.7 | 9.2 | Ao | 2 | .. | 17092b |
| 4 | 14058 | 56.8 | −28 33 | 10.0 | 10.3 | Ko | 1 | .. | 17092b |
| 5 | 14059 | 56.8 | −28 54 | 10.7 | 10.0 | A2 | 3 | .. | 17092b |
| 6 | 14399 | 56.8 | −29 32 | 9.3 | 8.9 | B5 | 5 | .. | 17092b |
| 7 | 15008 | 56.8 | −31 5 | 11.6 | 10.0 | A | 1 | .. | 13823b |
| 8 | 15009 | 56.8 | −31 12 | 9.5 | 9.1 | Fo | 4 | .. | 13823b |
| 9 | 12404 | 56.8 | −34 51 | 8.44 | 8.3 | A2 | 5 | .. | 20081b |
| 10 | 12124 | 56.8 | −37 44 | 8.1 | 8.0 | Ao | 5 | .. | 20081b |
| 11 | 12806 | 56.8 | −42 24 | 9.1 | 9.3 | Ao | 3 | .. | 19911b |
| 12 | 3460 | 56.8 | −67 49 | *8.2* | 9.4 | K5 | 1 | .. | 41598b |
| 13 | 818 | 56.9 | +72 1 | 5.54 | *5.88* | F2 | 10 | .. | 38095i |
| 14 | 3006 | 56.9 | +33 14 | 6.07 | *7.25* | K5 | 6 | .. | 37871i |
| 15 | 3315 | 56.9 | +11 17 | 6.96 | *7.30* | F2 | 7 | .. | 37959i |
| 16 | 4588 | 56.9 | −10 6 | 8.81 | *9.23* | F5 | 4 | .. | 38082b |
| 17 | 4835 | 56.9 | −13 12 | 9.0 | *9.0* | Ao | 5 | .. | 39380b |
| 18 | 4863 | 56.9 | −14 30 | 11.1 | *11.1* | Ao | 1 | .. | 39380b |
| 19 | 4997 | 56.9 | −17 31 | 8.0 | *8.3* | Fo | 6 | .. | 38062b |
| 20 | 12307 | 56.9 | −27 19 | 9.2 | 9.0 | A2 | 4 | .. | 17092b |
| 21 | 12310 | 56.9 | −27 51 | 9.5 | 8.3 | Ao | 3 | .. | 13838b |
| 22 | 14064 | 56.9 | −28 50 | 11.4 | 10.1 | Ao | 2 | .. | 17092b |
| 23 | 14063 | 56.9 | −28 58 | 11.2 | 10.1 | Ao | 1 | .. | 17092b |
| 24 | 14401 | 56.9 | −29 28 | 10.4 | 9.7 | Ao | 3 | .. | 17092b |
| 25 | 12808 | 56.9 | −42 50 | 9.2 | 9.6 | F8 | 2 | .. | 19911b |
| 26 | 12236 | 56.9 | −43 21 | 11.6 | 10.6 | A2 | 1 | .. | 17085b |
| 27 | 8582 | 56.9 | −56 45 | *9.5* | 9.8 | Fo | 1 | .. | 17453b |
| 28 | 6995 | 56.9 | −60 10 | *9.8* | 10.4 | G | 1 | R | 42469b |
| 29 | 6993 | 56.9 | −60 18 | *9.4* | 9.8 | F5 | 2 | .. | 42469b |
| 30 | 1590 | 57.0 | +62 24 | 8.8 | *9.1* | Fo | 2 | .. | 38505i |
| 31 | 2400 | 57.0 | +46 50 | 8.0 | *8.1* | A3 | 4 | .. | 37844i |
| 32 | 2886 | 57.0 | +28 32 | 8.8 | *8.8* | A | 1 | .. | 38480i |
| 33 | 3402 | 57.0 | − 0 56 | 10.1 | *10.9* | G5 | 1 | .. | 38110b |
| 34 | 4559 | 57.0 | − 5 44 | 8.0 | *8.4* | F5 | 9 | .. | 39390b |
| 35 | 4518 | 57.0 | −11 11 | 10.7 | *10.7* | Ao | 3 | .. | 39380b |
| 36 | 4904 | 57.0 | −12 21 | 9.2 | *10.4* | K5 | 2 | .. | 39380b |
| 37 | 4516 | 57.0 | −22 43 | 6.57 | 5.9 | Bo | .. | 0,8 | 56,141 |
| 38 | 12311 | 57.0 | −27 6 | 11.2 | 9.8 | Ao | 2 | .. | 17092b |
| 39 | 12442 | 57.0 | −38 18 | 10.7 | 9.3 | A3 | 1 | .. | 20081b |
| 40 | 12070 | 57.0 | −46 53 | 9.7 | 10.3 | G5 | 1 | .. | 17085b |
| 41 | 11338 | 57.0 | −51 42 | 9.5 | 9.2 | Ao | 4 | .. | 37621b |
| 42 | 8917 | 57.0 | −53 49 | *9.5* | 10.5 | Ko | 1 | .. | 37621b |
| 43 | 1409 | 57.0 | −75 12 | 7.63 | 6.9 | Ao | 8 | R | 21336b |
| 44 | | 57.0 | −75 12 | | | A | | | |
| 45 | 2291 | 57.1 | +51 51 | 8.8 | *10.2* | Mc | .. | .. | M |
| 46 | 2638 | 57.1 | +45 31 | 5.92 | *6.99* | K2 | 7 | .. | 37844i |
| 47 | 3537 | 57.1 | + 9 10 | 8.7 | *9.7* | Ko | 2 | .. | 16851b |
| 48 | 3570 | 57.1 | + 3 6 | 9.5 | *9.5* | Ao | 3 | .. | 14148b |
| 49 | 3569 | 57.1 | + 3 3 | 9.0 | *9.1* | A5 | 6 | .. | 14148b |
| 50 | 3839 | 57.1 | + 0 53 | 9.29 | *9.35* | A2 | 4 | .. | 38110b |
| 51 | 3840 | 57.1 | + 0 6 | 7.98 | *8.76* | G5 | 8 | .. | 14148b |
| 52 | 4905 | 57.1 | −12 4 | 9.8 | *11.0* | K5 | 1 | .. | 39380b |
| 53 | 12626 | 57.1 | −25 57 | 11.4 | 9.8 | F8 | 1 | .. | 17092b |
| 54 | 12313 | 57.1 | −27 52 | 10.0 | 9.0 | Go | 4 | .. | 17092b |
| 55 | 14408 | 57.1 | −29 58 | 11.2 | 9.7 | Ao | 3 | .. | 17092b |
| 56 | 13666 | 57.1 | −32 27 | 10.7 | 8.8 | B8 | 2 | .. | 13823b |
| 57 | 12362 | 57.1 | −41 47 | 10.0 | 9.6 | F8 | 3 | .. | 21880b |
| 58 | 12299 | 57.1 | −44 16 | 10.6 | 10.1 | Ao | 3 | .. | 17085b |
| 59 | 12149 | 57.1 | −45 33 | 8.0 | 8.6 | A2 | 9 | .. | 17085b |
| 60 | 12072 | 57.1 | −46 27 | 8.0 | 8.7 | Ao | 8 | .. | 17085b |
| 61 | 12263 | 57.1 | −48 50 | 9.2 | 9.5 | Ao | 4 | .. | 19938b |
| 62 | 11703 | 57.1 | −50 26 | 8.0 | 9.2 | Ko | 4 | .. | 37621b |
| 63 | 11339 | 57.1 | −51 29 | 11.0 | 9.8 | K2 | 3 | .. | 37621b |
| 64 | 8919 | 57.1 | −53 5 | *9.5* | 10.5 | Ko | 1 | .. | 37621b |
| 65 | 8658 | 57.1 | −54 40 | *9.0* | 10.0 | Ko | 3 | 2,1 | 37621b |
| 66 | 649 | 57.1 | −83 4 | *9.1* | 9.6 | F8 | 1 | .. | 14161b |
| 67 | 2979 | 57.2 | +42 8 | 8.6 | *9.0* | F5 | 2 | .. | 37844i |
| 68 | 3280 | 57.2 | +21 36 | 5.21 | *5.99* | G5 | .. | R | 56,95 |
| 69 | | 57.2 | +21 36 | 5.13 | *5.21* | A3 | | | |
| 70 | 3340 | 57.2 | +16 45 | 7.9 | *7.9* | Ao | 5 | .. | 37959i |
| 71 | 3579 | 57.2 | + 5 24 | 9.3 | *9.3* | Ao | 3 | .. | 14148b |
| 72 | 3573 | 57.2 | + 4 23 | 8.5 | *8.8* | Fo | 7 | 5,3 | 14148b |
| 73 | .. | 57.2 | + 3 14 | .. | .. | A | 1 | .. | 14148b |
| 74 | 4225 | 57.2 | − 3 9 | 6.72 | *7.28* | Go | 9 | .. | 38110b |
| 75 | 4547 | 57.2 | − 8 45 | 9.2 | *10.2* | Ko | 1 | .. | 38082b |
| 76 | 4519 | 57.2 | −11 38 | 8.8 | *9.6* | G5 | 4 | .. | 39380b |
| 77 | 4957 | 57.2 | −20 26 | 9.5 | 10.0 | Ao | 3 | R | 38062b |
| 78 | 4519 | 57.2 | −22 2 | 9.8 | 9.1 | A2 | 3 | .. | 40711b |
| 79 | 12632 | 57.2 | −25 16 | 9.7 | 9.5 | Ko | 3 | .. | 40711b |
| 80 | 12629 | 57.2 | −25 55 | 9.5 | 8.4 | F5 | 6 | .. | 17092b |
| 81 | 12724 | 57.2 | −26 19 | 7.14 | 7.8 | Ao | 7 | .. | 13838b |
| 82 | 12723 | 57.2 | −26 58 | 9.0 | 9.8 | Ko | 2 | .. | 17092b |
| 83 | 12317 | 57.2 | −27 33 | 9.0 | 8.9 | B8 | 4 | .. | 17092b |
| 84 | 12321 | 57.2 | −27 55 | 10.0 | 10.3 | Ko | 2 | .. | 17092b |
| 85 | 14414 | 57.2 | −29 52 | 7.48 | 8.2 | G5 | 3 | .. | 13838b |
| 86 | 13671 | 57.2 | −32 52 | 8.8 | 9.2 | K2 | 2 | .. | 13823b |
| 87 | 12445 | 57.2 | −38 33 | 9.4 | 10.2 | K5 | 1 | .. | 20081b |
| 88 | 12177 | 57.2 | −39 57 | 9.58 | 10.2 | Go | 2 | .. | 21880b |
| 89 | 12109 | 57.2 | −40 27 | 10.9 | 9.9 | Go | 2 | .. | 21880b |
| 90 | 12364 | 57.2 | −41 25 | 9.4 | 9.9 | G5 | 3 | .. | 21880b |
| 91 | 12241 | 57.2 | −43 6 | 9.9 | 10.1 | F5 | 3 | .. | 21880b |
| 92 | 12073 | 57.2 | −46 25 | 9.1 | 9.6 | G5 | 2 | .. | 17085b |
| 93 | 11908 | 57.2 | −49 16 | 9.5 | 9.5 | Ao | 5 | .. | 19938b |
| 94 | 843 | 57.2 | −80 14 | *8.8* | 9.8 | Ko | 2 | .. | 43458b |
| 95 | 2952 | 57.3 | +41 3 | 8.3 | *8.9* | G | 2 | .. | 37844i |
| 96 | 3256 | 57.3 | +22 46 | 7.58 | *8.65* | K2 | 3 | .. | 38784i |
| 97 | 3361 | 57.3 | +12 15 | 8.9 | *8.9* | Ao | 1 | .. | 37959i |
| 98 | .. | 57.3 | + 3 29 | .. | .. | B9 | 4 | .. | 14148b |
| 99 | 3403 | 57.3 | − 0 55 | 9.8 | *9.8* | B9 | 3 | .. | 38110b |
| 100 | 4999 | 57.3 | −17 24 | 8.0 | *7.9* | B5 | 7 | .. | 38062b |



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## 164700 — 17h 57m.3

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 5000 | 57.3 | −17 58 | 9.5 | *10.1* | Go | 2 | .. | 38062b |
| 2 | 4958 | 57.3 | −20 56 | 9.8 | 9.9 | B8 | 3 | .. | 38062b |
| 3 | 4521 | 57.3 | −22 18 | 9.8 | 8.6 | B5 | 3 | .. | 40711b |
| 4 | 4520 | 57.3 | −22 53 | 7.65 | 8.0 | B5 | 4 | .. | 40711b |
| 5 | 13803 | 57.3 | −24 0 | 10.9 | 10.0 | A | 1 | .. | 40711b |
| 6 | 12726 | 57.3 | −26 42 | 10.9 | 10.3 | Ao | 1 | .. | 17092b |
| 7 | 12179 | 57.3 | −39 22 | 8.4 | 8.4 | F5 | 5 | .. | 20081b |
| 8 | 12074 | 57.3 | −46 36 | 10.1 | 9.8 | Ao | 2 | .. | 17085b |
| 9 | 11706 | 57.3 | −50 51 | 10.3 | 10.7 | G5 | 1 | .. | 37621b |
| 10 | 11341 | 57.3 | −51 7 | 9.5 | 10.7 | Ko | 1 | .. | 37621b |
| 11 | 10983 | 57.3 | −52 18 | *9.6* | 10.1 | F8 | 3 | .. | 37621b |
| 12 | 1410 | 57.3 | −75 53 | 5.69 | 7.6 | K5 | .. | *3,10* | 56,141 |
| 13 | 1161 | 57.3 | −78 32 | *9.0* | 10.2 | K5 | 1 | .. | 19008b |
| 14 | 3362 | 57.4 | +12 46 | 7.7 | *7.7* | Ao | 4 | .. | 37959i |
| 15 | .. | 57.4 | − 1 46 | .. | .. | F5 | 2 | .. | 38110b |
| 16 | 4560 | 57.4 | − 5 21 | 6.61 | *6.61* | Ao | 7 | .. | 44163b |
| 17 | 4522 | 57.4 | −22 36 | 8.6 | 8.8 | B3 | 4 | .. | 40711b |
| 18 | 13829 | 57.4 | −23 25 | 9.2 | 10.3 | K | 1 | .. | 40711b |
| 19 | 12728 | 57.4 | −26 52 | 7.7 | 8.1 | B5 | 4 | .. | 13838b |
| 20 | 12323 | 57.4 | −27 13 | 10.0 | 9.5 | Fo | 2 | .. | 17092b |
| 21 | 12779 | 57.4 | −33 13 | 8.4 | 8.6 | Ko | 4 | .. | 13823b |
| 22 | 12116 | 57.4 | −40 1 | 9.16 | 9.9 | Ma | 2 | R | 21880b |
| 23 | 12819 | 57.4 | −42 13 | 8.3 | 8.5 | F5 | 5 | .. | 19911b |
| 24 | 12153 | 57.4 | −45 35 | 7.8 | 9.3 | K5 | 5 | .. | 17085b |
| 25 | 6997 | 57.4 | −60 32 | 8.4 | 9.2 | K5 | 3 | .. | 20144b |
| 26 | 3597 | 57.4 | −65 31 | *7.8* | 8.9 | K2 | 5 | .. | 41598b |
| 27 | 2002 | 57.5 | +55 42 | 9.0 | *10.0* | Ko | 1 | .. | 38015i |
| 28 | 3404 | 57.5 | +25 30 | 7.56 | *7.56* | Ao | 3 | .. | 38480i |
| 29 | 3308 | 57.5 | +24 58 | 8.11 | *9.29* | K5 | 1 | .. | 38784i |
| 30 | 3307 | 57.5 | +24 15 | 7.20 | *8.20* | Ko | 3 | .. | 38784i |
| 31 | 3642 | 57.5 | +20 9 | 8.35 | *8.63* | F | 1 | .. | 38784i |
| 32 | 3364 | 57.5 | +10 2 | 8.17 | *8.23* | A2 | 7 | .. | 16851b |
| 33 | 3539 | 57.5 | + 9 7 | 9.8 | *10.3* | F8 | 2 | .. | 16851b |
| 34 | 3572 | 57.5 | + 3 27 | 8.1 | *8.9* | G5 | 5 | .. | 14148b |
| 35 | 4227 | 57.5 | − 3 25 | 9.8 | *10.6* | G5 | 2 | .. | 38110b |
| 36 | 4590 | 57.5 | −10 26 | 8.7 | *9.2* | F8 | 5 | .. | 38082b |
| 37 | 4865 | 57.5 | −14 23 | 10.4 | *11.0* | Go | 2 | .. | 39380b |
| 38 | 5001 | 57.5 | −17 36 | 7.10 | *6.98* | B5 | 8 | .. | 38062b |
| 39 | 13832 | 57.5 | −23 8 | 9.0 | 8.3 | B9 | 6 | .. | 40711b |
| 40 | 13806 | 57.5 | −24 23 | Neb. | Neb. | Pb | 4 | R | 44641b |
| 41 | 12642 | 57.5 | −25 19 | 9.5 | 8.6 | B1 | 4 | .. | 40711b |
| 42 | 12325 | 57.5 | −27 6 | 9.0 | 9.8 | K5 | 2 | .. | 17092b |
| 43 | 12326 | 57.5 | −27 15 | 10.9 | 10.9 | B9 | 1 | .. | 17092b |
| 44 | 14073 | 57.5 | −28 44 | 8.1 | 10.1 | Ao | 4 | .. | 13838b |
| 45 | 12781 | 57.5 | −33 0 | 8.4 | 9.2 | K2 | 3 | .. | 13823b |
| 46 | 12135 | 57.5 | −37 37 | 9.8 | 9.3 | Ao | 3 | .. | 20081b |
| 47 | 12371 | 57.5 | −41 24 | 10.0 | 9.6 | Fo | 3 | .. | 21880b |
| 48 | 12305 | 57.5 | −44 40 | 8.4 | 9.0 | G5 | 6 | .. | 17085b |
| 49 | 8586 | 57.5 | −56 50 | 8.0 | 8.8 | K2 | 4 | .. | 17453b |
| 50 | 2493 | 57.5 | −70 5 | *8.1* | 9.1 | Ko | 5 | 0,4 | 21336b |
| 51 | 2181 | 57.5 | −72 25 | *8.9* | 9.7 | G5 | 1 | .. | 21336b |
| 52 | 2180 | 57.5 | −72 42 | *8.8* | 9.8 | Ko | 1 | .. | 21336b |
| 53 | 1286 | 57.5 | −77 18 | *9.1* | 9.1 | Ao | 4 | .. | 19008b |
| 54 | 2955 | 57.6 | +41 28 | 8.0 | *9.0* | Ko | 2 | .. | 37844i |
| 55 | 3106 | 57.6 | +30 39 | 7.09 | *8.27* | K5 | 3 | .. | 38480i |
| 56 | 3390 | 57.6 | +14 53 | 8.74 | *9.81* | K2 | 1 | .. | 37959i |
| 57 | 3533 | 57.6 | + 7 19 | 8.9 | *9.9* | Ko | 2 | .. | 16851b |
| 58 | 3532 | 57.6 | + 7 3 | 8.5 | *9.0* | F8 | 6 | .. | 16851b |
| 59 | 3574 | 57.6 | + 4 27 | 9.5 | *10.3* | G5 | 4 | .. | 14148b |
| 60 | 3435 | 57.6 | − 1 19 | 7.9 | *7.9* | B9 | 9 | .. | 38110b |
| 61 | 3436 | 57.6 | − 1 28 | 9.3 | *9.4* | A2 | 4 | .. | 38110b |
| 62 | 4698 | 57.6 | − 6 54 | 8.8 | *9.3* | F8 | 3 | 0,2 | 38082b |
| 63 | 4550 | 57.6 | − 7 40 | 8.0 | *8.5* | F8 | 6 | .. | 38082b |
| 64 | 4549 | 57.6 | − 8 11 | 6.04 | *6.32* | Fo | .. | R | 56,95 |
| 65 | | 57.6 | − 8 11 | 5.34 | *5.62* | | | | |
| 66 | 13836 | 57.6 | −23 21 | 9.2 | 8.6 | B9 | 5 | .. | 40711b |
| 67 | 13837 | 57.6 | −23 27 | 9.0 | 9.5 | K2 | 2 | .. | 40711b |
| 68 | 12733 | 57.6 | −26 51 | 9.5 | 9.8 | Go | 2 | .. | 17092b |
| 69 | 12330 | 57.6 | −27 18 | 9.7 | 8.6 | B3 | 4 | .. | 17092b |
| 70 | 12332 | 57.6 | −27 44 | 10.2 | 8.6 | Ao | 5 | .. | 17092b |
| 71 | 13680 | 57.6 | −32 18 | 10.4 | 9.2 | B8 | 2 | .. | 13823b |
| 72 | 13679 | 57.6 | −32 31 | 10.0 | 9.7 | Ao | 2 | .. | 13823b |
| 73 | 13681 | 57.6 | −32 38 | 10.2 | 9.5 | A2 | 3 | .. | 13823b |
| 74 | 12416 | 57.6 | −34 3 | 6.97 | 8.0 | K2 | 7 | .. | 13823b |
| 75 | 12417 | 57.6 | −34 49 | 8.8 | 9.8 | Ma | 1 | .. | 38804b |
| 76 | 12120 | 57.6 | −40 38 | 7.4 | 7.4 | B9 | 9 | .. | 19911b |
| 77 | 12372 | 57.6 | −41 58 | 7.6 | 7.8 | Ao | 8 | .. | 19911b |
| 78 | 12245 | 57.6 | −43 50 | 9.2 | 8.6 | Ao | 6 | 2,8 | 19911b |
| 79 | 12078 | 57.6 | −46 40 | 9.5 | 9.8 | F8 | 2 | .. | 17085b |
| 80 | 647 | 57.7 | +75 10 | 6.44 | *7.44* | Ko | 5 | .. | 38095i |
| 81 | 967 | 57.7 | +68 49 | 9.3 | *10.3* | Ko | 1 | .. | 38095i |
| 82 | 2502 | 57.7 | +50 56 | 8.2 | *8.5* | Fo | 5 | .. | 38778i |
| 83 | 2864 | 57.7 | +43 35 | 8.8 | *9.2* | F5 | 3 | .. | 37844i |
| 84 | 3339 | 57.7 | +15 58 | 8.3 | *9.3* | Ko | 1 | .. | 37959i |
| 85 | 3564 | 57.7 | + 8 11 | 8.7 | *8.8* | A3 | 7 | .. | 16851b |
| 86 | 3575 | 57.7 | + 4 17 | 9.8 | *9.9* | A5 | 4 | .. | 14148b |
| 87 | 4535 | 57.7 | − 2 13 | 8.8 | *9.6* | G5 | 4 | .. | 38110b |
| 88 | 4537 | 57.7 | − 2 36 | 8.8 | *9.4* | Go | 4 | .. | 38110b |
| 89 | 4548 | 57.7 | − 8 20 | 7.63 | *8.05* | F5 | 6 | 0,8 | 40602b |
| 90 | 4592 | 57.7 | −10 52 | 9.3 | *10.3* | Ko | 4 | .. | 39380b |
| 91 | 5002 | 57.7 | −17 5 | 10.4 | *10.4* | Ao | 2 | .. | 38062b |
| 92 | 4961 | 57.7 | −20 50 | 9.5 | 10.0 | Ao | 3 | .. | 38062b |
| 93 | 13812 | 57.7 | −24 0 | 10.0 | 9.5 | Ao | 2 | .. | 40711b |
| 94 | 13814 | 57.7 | −24 22 | 5.86 | 6.2 | Oe5 | .. | R | 56,95 |
| 95 | 12648 | 57.7 | −25 33 | 10.2 | 8.9 | Ao | 4 | .. | 40711b |
| 96 | 12649 | 57.7 | −25 40 | 9.0 | 8.9 | Go | 4 | .. | 40711b |
| 97 | 12333 | 57.7 | −27 45 | 10.0 | 8.9 | B8 | 4 | .. | 17092b |
| 98 | 15036 | 57.7 | −31 39 | 8.7 | 8.2 | B3 | 7 | .. | 13823b |
| 99 | 12785 | 57.7 | −33 6 | 10.4 | 10.0 | Ao | 1 | .. | 13823b |
| 100 | 12218 | 57.7 | −35 6 | 8.4 | 8.0 | Ao | 6 | .. | 20081b |



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## 164800 — 17h 57m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12182 | 57.7 | −39 4 | 10.4 | 9.6 | Fo | 1 | .. | 20081b |
| 2 | 12309 | 57.7 | −44 55 | 8.72 | 10.1 | K5 | 2 | .. | 17085b |
| 3 | 12079 | 57.7 | −46 2 | 10.3 | 10.4 | Ko | 1 | .. | 17085b |
| 4 | 11343 | 57.7 | −51 16 | 9.5 | 9.5 | Ko | 4 | .. | 37621b |
| 5 | 8477 | 57.7 | −55 28 | 8.4 | 9.1 | F8 | 6 | .. | 17453b |
| 6 | 7333 | 57.7 | −58 34 | 7.21 | 6.4 | B5 | 9 | .. | 17453b |
| 7 | 1776 | 57.8 | +58 47 | 8.0 | *9.1* | K2 | 1 | .. | 38505i |
| 8 | 3128 | 57.8 | +35 32 | 8.3 | *8.6* | F2 | 2 | .. | 37871i |
| 9 | 3259 | 57.8 | +22 28 | 7.46 | *8.53* | K2 | 2 | .. | 38784i |
| 10 | 3258 | 57.8 | +22 14 | 8.1 | *9.2* | K2 | 1 | .. | 38784i |
| 11 | .. | 57.8 | + 7 27 | .. | .. | A3 | 2 | .. | 16851b |
| 12 | 3566 | 57.8 | + 1 36 | 8.7 | *8.7* | Ao | 2 | .. | 37811i |
| 13 | 4388 | 57.8 | − 4 23 | 8.8 | *9.9* | K2 | 3 | .. | 38110b |
| 14 | 4769 | 57.8 | −18 3 | 9.5 | *9.5* | Ao | 3 | .. | 38062b |
| 15 | 4530 | 57.8 | −22 14 | 9.5 | 8.6 | B8 | 4 | .. | 40711b |
| 16 | 13816 | 57.8 | −24 19 | 7.9 | 7.3 | Bo | .. | 2,4 R | **56**,141 |
| 17 | 12650 | 57.8 | −25 29 | 10.4 | 8.9 | B8 | 3 | .. | 40711b |
| 18 | 14427 | 57.8 | −29 17 | 9.7 | 10.2 | Ko | 2 | .. | 17092b |
| 19 | 12454 | 57.8 | −38 0 | 10.7 | 9.3 | A2 | 2 | .. | 20081b |
| 20 | 12452 | 57.8 | −38 56 | 9.0 | 9.0 | A3 | 4 | .. | 20081b |
| 21 | 12183 | 57.8 | −39 47 | 10.4 | 9.6 | B9 | 3 | .. | 21880b |
| 22 | 12311 | 57.8 | −44 56 | 9.56 | 10.7 | K5 | 1 | .. | 17085b |
| 23 | 3300 | 57.9 | +39 2 | 8.1 | *9.1* | Ko | 1 | .. | 37871i |
| 24 | 3009 | 57.9 | +33 20 | 6.27 | *7.45* | K5 | 5 | .. | 37871i |
| 25 | 3646 | 57.9 | +20 59 | 8.7 | *8.7* | Ao | 2 | .. | 38784i |
| 26 | 3842 | 57.9 | + 0 25 | 9.8 | *9.8* | Ao | 4 | .. | 38110b |
| 27 | 3404 | 57.9 | − 0 27 | 9.1 | *9.1* | Ao | 5 | .. | 38110b |
| 28 | 4550 | 57.9 | − 8 14 | 8.6 | *8.6* | Ao | 5 | 2,7 | 40602b |
| 29 | 4521 | 57.9 | −11 18 | 9.8 | *9.8* | Ao | 2 | .. | 39380b |
| 30 | 4840 | 57.9 | −13 15 | 9.5 | *10.9* | Ma | 1 | .. | 39380b |
| 31 | 4696 | 57.9 | −16 48 | 10.7 | *10.7* | A | 1 | .. | 39400b |
| 32 | 4771 | 57.9 | −18 18 | 9.5 | *9.5* | Ao | 2 | .. | 38062b |
| 33 | 4533 | 57.9 | −22 50 | 6.86 | 7.1 | Bo | .. | 5,7 | **56**,141 |
| 34 | 13818 | 57.9 | −24 53 | 10.4 | 10.0 | Ao | 3 | .. | 40711b |
| 35 | 12790 | 57.9 | −33 32 | 10.2 | 8.9 | B9 | 1 | .. | 40724b |
| 36 | 12124 | 57.9 | −40 50 | 8.7 | 8.4 | A3 | 4 | .. | 19911b |
| 37 | 12377 | 57.9 | −41 46 | 9.4 | 9.9 | Go | 3 | .. | 21880b |
| 38 | 12312 | 57.9 | −44 45 | 8.3 | 8.9 | Ko | 6 | .. | 17085b |
| 39 | 4286 | 57.9 | −63 10 | *8.3* | 8.3 | Ao | 6 | .. | 20144b |
| 40 | 3795 | 57.9 | −64 12 | *8.7* | 10.1 | Mb | .. | .. | M |
| 41 | 2618 | 58.0 | +48 24 | 8.0 | *8.6* | Go | 2 | .. | 38778i |
| 42 | 3129 | 58.0 | +35 3 | 9.17 | *9.31* | A5 | 1 | .. | 37828i |
| 43 | 4773 | 58.0 | −18 32 | 8.9 | *9.5* | Go | 2 | .. | 38062b |
| 44 | 4535 | 58.0 | −22 34 | 8.9 | 8.2 | B5 | 5 | .. | 40711b |
| 45 | 12743 | 58.0 | −26 1 | 8.5 | 8.7 | F8 | 5 | .. | 17092b |
| 46 | 14089 | 58.0 | −28 26 | 9.3 | 8.6 | Ao | 5 | .. | 17092b |
| 47 | *13690* | 58.0 | −33 0 | 9.0 | 8.8 | A2 | 6 | .. | 13823b |
| 48 | 12379 | 58.0 | −41 53 | 10.0 | 10.3 | Ko | 1 | .. | 21880b |
| 49 | 12083 | 58.0 | −46 27 | 9.2 | 9.5 | A2 | 4 | .. | 17085b |
| 50 | 3130 | 58.1 | +35 24 | 8.7 | *9.9* | K5 | 1 | .. | 37871i |
| 51 | 3102 | 58.1 | +34 11 | 8.1 | *9.1* | Ko | 2 | .. | 37871i |
| 52 | 3649 | 58.1 | +20 50 | 5.09 | *4.92* | B3 | .. | 2,10 | **56**,95 |
| 53 | 3345 | 58.1 | +16 8 | 8.3 | *9.1* | G5 | 1 | .. | 37959i |
| 54 | 3541 | 58.1 | + 9 45 | 9.0 | *10.1* | K2 | 2 | .. | 16851b |
| 55 | 3568 | 58.1 | + 1 8 | 9.04 | *10.22* | K5 | 3 | .. | 38110b |
| 56 | 4910 | 58.1 | −12 46 | 9.5 | *10.5* | Ko | 2 | .. | 40332b |
| 57 | 4697 | 58.1 | −16 56 | 10.2 | *11.6* | Mb | .. | .. | M |
| 58 | 4776 | 58.1 | −18 23 | 9.5 | *9.5* | Ao | 2 | R | 38062b |
| 59 | 4775 | 58.1 | −18 37 | 8.8 | *8.8* | Ao | 2 | .. | 38062b |
| 60 | 4819 | 58.1 | −19 28 | 8.2 | 7.9 | Ao | 7 | .. | 38062b |
| 61 | 4818 | 58.1 | −19 43 | 9.8 | 10.0 | A | 1 | .. | 38062b |
| 62 | 4966 | 58.1 | −20 55 | 9.8 | 10.0 | Ao | 1 | .. | 38062b |
| 63 | 4541 | 58.1 | −22 30 | 7.8 | 7.7 | B | 8 | R | 40711b |
| 64 | 4539 | 58.1 | −22 41 | 9.5 | 8.5 | A3 | 3 | .. | 40711b |
| 65 | 13826 | 58.1 | −24 11 | 8.3 | 8.3 | B | 5 | R | 40711b |
| 66 | *12746* | 58.1 | −27 0 | 10.4 | 10.4 | K2 | 1 | .. | 17092b |
| 67 | 12341 | 58.1 | −27 23 | 8.1 | 7.4 | B9 | 5 | .. | 13838b |
| 68 | 15182 | 58.1 | −30 52 | 9.5 | 9.5 | B9 | 4 | .. | 17092b |
| 69 | 12228 | 58.1 | −35 37 | 10.2 | 9.5 | Ao | 2 | .. | 20081b |
| 70 | 12229 | 58.1 | −35 54 | 5.82 | 7.0 | Ko | .. | 0,10 | **56**,141 |
| 71 | 3796 | 58.1 | −64 33 | 6.41 | 8.0 | K2 | 7 | .. | 20144b |
| 72 | 2257 | 58.1 | −71 39 | *8.0* | 8.3 | F2 | 6 | 0,9 | 41598b |
| 73 | 1395 | 58.2 | +63 50 | 8.6 | *8.7* | A2 | 3 | .. | 38505i |
| 74 | 2125 | 58.2 | +52 51 | 7.66 | *8.22* | Go | 3 | .. | 38015i |
| 75 | 3346 | 58.2 | +16 23 | 8.7 | *9.7* | Ko | 1 | .. | 37959i |
| 76 | 4538 | 58.2 | − 2 5 | 10.0 | *11.1* | K2 | 1 | .. | 38110b |
| 77 | 4231 | 58.2 | − 3 43 | 8.8 | *8.9* | A2 | 6 | .. | 38110b |
| 78 | 4554 | 58.2 | − 7 40 | 9.2 | *10.3* | K2 | 1 | .. | 38082b |
| 79 | 4820 | 58.2 | −19 37 | 9.5 | 10.3 | A5 | 1 | .. | 39400b |
| 80 | 4821 | 58.2 | −19 48 | 8.2 | 8.2 | B9 | 5 | .. | 38062b |
| 81 | 4968 | 58.2 | −20 46 | 10.2 | 9.4 | B8 | 1 | .. | 38062b |
| 82 | 4542 | 58.2 | −22 3 | 10.0 | 9.1 | Ao | 3 | .. | 40711b |
| 83 | 4541 | 58.2 | −22 30 | 7.8 | 7.7 | Bo | .. | .. | **56**,141 |
| 84 | 14094 | 58.2 | −28 9 | 11.2 | 9.2 | B8 | 3 | .. | 17092b |
| 85 | 12793 | 58.2 | −33 26 | 10.2 | 9.7 | B9 | 1 | .. | 40724b |
| 86 | 12433 | 58.2 | −34 24 | 10.4 | 9.6 | B9 | 1 | .. | 40724b |
| 87 | 12431 | 58.2 | −34 44 | 8.7 | 9.2 | G5 | 3 | .. | 38804b |
| 88 | 12197 | 58.2 | −39 2 | 9.4 | 9.6 | F2 | 2 | .. | 20081b |
| 89 | 12196 | 58.2 | −39 20 | var. | var. | R5 | 1 | R | 21880b |
| 90 | 12128 | 58.2 | −40 27 | 9.4 | 9.3 | F8 | 2 | .. | 19911b |
| 91 | 12253 | 58.2 | −43 36 | 10.1 | 10.4 | G5 | 1 | .. | 17085b |
| 92 | 12087 | 58.2 | −46 24 | 9.3 | 9.5 | F2 | 4 | .. | 17085b |
| 93 | 12269 | 58.2 | −48 22 | 10.1 | 9.8 | A2 | 2 | .. | 19938b |
| 94 | 12270 | 58.2 | −48 23 | 9.3 | 9.8 | K2 | 1 | .. | 19938b |
| 95 | 11347 | 58.2 | −51 18 | 9.2 | 10.1 | Ko | 2 | .. | 37621b |
| 96 | 11348 | 58.2 | −51 45 | 6.70 | 7.5 | A2 | 10 | .. | 37621b |
| 97 | 1870 | 58.3 | +59 10 | 8.8 | *9.6* | G5 | 1 | .. | 38505i |
| 98 | 2643 | 58.3 | +45 21 | 7.44 | *7.42* | B9 | 5 | .. | 37844i |
| 99 | 3262 | 58.3 | +40 20 | 7.82 | *7.82* | Ao | 4 | .. | 37844i |
| 100 | 3260 | 58.3 | +22 56 | 6.12 | *6.07* | B8 | 8 | .. | 38784i |



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1922AnHar..97....1C



## 164900 — 17h 58m.3

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3347 | 58.3 | +16 49 | 7.46 | *8.02* | Go | 5 | .. | 37959i |
| 2 | 3566 | 58.3 | + 8 4 | 9.5 | *10.0* | F8 | 3 | .. | 16851b |
| 3 | 4698 | 58.3 | −16 44 | 10.7 | *11.0* | Fo | 1 | .. | 38062b |
| 4 | 5004 | 58.3 | −17 55 | 10.4 | *10.4* | Ao | 2 | .. | 38062b |
| 5 | 4970 | 58.3 | −20 39 | 9.8 | 9.5 | Ao | 2 | .. | 38062b |
| 6 | 13832 | 58.3 | −24 24 | 9.0 | 7.6 | B | 6 | .. | 40711b |
| 7 | 13834 | 58.3 | −24 42 | 10.2 | 9.8 | F2 | 2 | .. | 40711b |
| 8 | 12659 | 58.3 | −25 5 | 10.2 | 9.5 | A2 | 3 | .. | 40711b |
| 9 | 12752 | 58.3 | −26 52 | 7.5 | 8.3 | F5 | 4 | .. | 13838b |
| 10 | 14095 | 58.3 | −28 19 | 11.4 | 10.0 | A3 | 1 | .. | 17092b |
| 11 | 12232 | 58.3 | −35 26 | 8.4 | 8.3 | Ao | 5 | .. | 20081b |
| 12 | 12189 | 58.3 | −36 56 | 8.4 | 8.0 | A2 | 6 | .. | 20081b |
| 13 | 12130 | 58.3 | −40 58 | 10.7 | 10.2 | Ao | 2 | .. | 21880b |
| 14 | 12839 | 58.3 | −42 22 | 9.7 | 9.6 | G5 | 3 | .. | 21880b |
| 15 | 12837 | 58.3 | −42 38 | 9.7 | 9.0 | F2 | 2 | .. | 19911b |
| 16 | 12089 | 58.3 | −46 35 | 9.1 | 8.6 | Ao | 7 | .. | 17085b |
| 17 | 11715 | 58.3 | −50 25 | 10.6 | 9.9 | F5 | 2 | .. | 37621b |
| 18 | 8928 | 58.3 | −53 46 | *9.6* | 10.0 | F5 | 2 | .. | 37621b |
| 19 | 7222 | 58.3 | −59 37 | 8.8 | 10.2 | K5 | 2 | .. | 42469b |
| 20 | 725 | 58.3 | −82 32 | 7.79 | 9.4 | K5 | 4 | *3,4* | 14161b |
| 21 | 2572 | 58.4 | +47 23 | 7.26 | *8.26* | Ko | 5 | .. | 37844i |
| 22 | 3151 | 58.4 | +26 22 | 7.10 | *8.10* | Ko | 3 | .. | 38480i |
| 23 | 3311 | 58.4 | +24 59 | 8.26 | *9.33* | K2 | 2 | .. | 38784i |
| 24 | 3341 | 58.4 | +15 0 | 7.99 | *9.34* | Ma | 1 | .. | 37959i |
| 25 | 3366 | 58.4 | +12 37 | 8.5 | *8.6* | A2 | 3 | .. | 37959i |
| 26 | 3537 | 58.4 | + 7 55 | 8.3 | *9.3* | Ko | 5 | .. | 16851b |
| 27 | 3581 | 58.4 | + 4 48 | 9.05 | *9.83* | G5 | 3 | .. | 14148b |
| 28 | 3574 | 58.4 | + 3 51 | 8.6 | *9.0* | F5 | 5 | .. | 14148b |
| 29 | 3473 | 58.4 | + 2 30 | 7.9 | *7.9* | Ao | 8 | 0,3 | 14148b |
| 30 | 4555 | 58.4 | − 7 56 | 9.3 | *9.9* | Go | 1 | .. | 38082b |
| 31 | 4642 | 58.4 | − 9 14 | 8.10 | *8.60* | F8 | 6 | .. | 40602b |
| 32 | 4870 | 58.4 | −14 15 | 9.8 | *10.1* | Fo | 3 | .. | 39380b |
| 33 | 13839 | 58.4 | −24 10 | 9.0 | 8.3 | B8 | 5 | .. | 40711b |
| 34 | 12347 | 58.4 | −27 52 | 9.5 | 9.8 | K5 | 3 | .. | 17092b |
| 35 | 15189 | 58.4 | −30 34 | 8.7 | 9.5 | K2 | 4 | .. | 17092b |
| 36 | 12146 | 58.4 | −37 43 | 7.38 | 7.7 | Ko | 6 | .. | 20081b |
| 37 | 12458 | 58.4 | −38 18 | 10.9 | 9.3 | B8 | 3 | .. | 20081b |
| 38 | 2259 | 58.4 | −71 7 | *9.4* | 9.4 | Ao | 3 | 0,2 | 21336b |
| 39 | 2184 | 58.4 | −72 3 | *9.4* | 9.5 | A3 | 2 | .. | 21336b |
| 40 | 2621 | 58.5 | +48 29 | 7.06 | *8.13* | K2 | 3 | *2,4* | 37220i |
| 41 | 3263 | 58.5 | +40 11 | 7.82 | *7.90* | A3 | 3 | .. | 37844i |
| 42 | 3349 | 58.5 | +16 5 | 7.9 | *8.9* | Ko | 2 | .. | 37959i |
| 43 | 3543 | 58.5 | + 9 49 | 9.8 | *10.9* | K2 | 1 | .. | 16851b |
| 44 | 3474 | 58.5 | + 2 20 | 9.5 | *9.5* | Ao | 3 | .. | 14148b |
| 45 | 5005 | 58.5 | −17 21 | 7.30 | *7.28* | B9 | 8 | .. | 38062b |
| 46 | 4547 | 58.5 | −22 23 | 10.4 | 9.1 | B8 | 3 | .. | 40711b |
| 47 | 13845 | 58.5 | −24 21 | 10.0 | 8.9 | B5 | 4 | .. | 40711b |
| 48 | 13843 | 58.5 | −24 27 | 10.2 | 8.7 | Go | 3 | .. | 40711b |
| 49 | 12664 | 58.5 | −25 12 | 10.7 | 9.0 | B9 | 4 | .. | 40711b |
| 50 | 12760 | 58.5 | −26 1 | 9.2 | 8.6 | A2 | 3 | .. | 17092b |
| 51 | 14104 | 58.5 | −28 33 | 10.2 | 8.9 | B9 | 3 | .. | 17092b |
| 52 | 14446 | 58.5 | −29 49 | 10.2 | 10.0 | F8 | 2 | .. | 17092b |
| 53 | 12460 | 58.5 | −38 23 | 8.7 | 9.3 | Ko | 3 | .. | 20081b |
| 54 | 12256 | 58.5 | −43 32 | 10.6 | 10.4 | Ao | 1 | .. | 17085b |
| 55 | 12047 | 58.5 | −47 42 | 7.3 | 8.6 | Ko | 7 | .. | 19938b |
| 56 | 8678 | 58.5 | −54 47 | *9.7* | 10.3 | Go | 2 | .. | 37621b |
| 57 | 8486 | 58.5 | −55 26 | *10.3* | 10.3 | Ao | 1 | .. | 37621b |
| 58 | 7335 | 58.5 | −58 55 | 9.0 | 9.8 | F8 | 1 | .. | 17453b |
| 59 | 6998 | 58.5 | −60 4 | 9.46 | 9.2 | A2 | 2 | .. | 42469b |
| 60 | 5791 | 58.5 | −62 53 | *8.9* | 9.0 | A2 | 2 | .. | 20144b |
| 61 | 3603 | 58.5 | −65 19 | *8.8* | 9.6 | G5 | 1 | .. | 42484b |
| 62 | 844 | 58.5 | −80 5 | *9.0* | 9.4 | F5 | 3 | .. | 43458b |
| 63 | 1066 | 58.6 | +66 38 | Neb. | Neb. | Pd | 3 | R | 38505i |
| 64 | 1396 | 58.6 | +63 58 | 7.9 | *9.1* | K5 | 1 | .. | 38505i |
| 65 | 2982 | 58.6 | +42 42 | 8.2 | *9.0* | G5 | 2 | .. | 37844i |
| 66 | 2981 | 58.6 | +42 22 | 8.2 | *8.8* | Go | 2 | .. | 37220i |
| 67 | 3567 | 58.6 | + 8 25 | 6.98 | *6.98* | Ao | 5 | 0,9 | 37811i |
| 68 | 3587 | 58.6 | + 5 27 | 9.5 | *9.9* | F5 | 2 | .. | 14148b |
| 69 | 4700 | 58.6 | − 6 24 | 8.6 | *9.8* | K5 | 1 | *3,1* | 40602b |
| 70 | 4551 | 58.6 | − 8 51 | 9.3 | *9.8* | F8 | 3 | .. | 38082b |
| 71 | 13859 | 58.6 | −23 28 | 9.7 | 9.1 | B | 2 | .. | 40711b |
| 72 | 12669 | 58.6 | −25 37 | 7.01 | 7.3 | Fo | 7 | .. | 40711b |
| 73 | 12761 | 58.6 | −26 7 | 10.7 | 9.8 | A | 1 | .. | 17092b |
| 74 | 14108 | 58.6 | −28 57 | 10.9 | 9.8 | Ao | 2 | .. | 17092b |
| 75 | 14447 | 58.6 | −29 35 | var. | var. | F8p | .. | 2,8 R | 5184b |
| 76 | 15194 | 58.6 | −30 14 | 8.5 | 8.6 | Ao | 7 | .. | 17092b |
| 77 | 12799 | 58.6 | −33 33 | 10.4 | 10.6 | A | 2 | R | 40724b |
| 78 | | 58.6 | −33 33 | | 10.3 | A | | | |
| 79 | 12462 | 58.6 | −38 1 | 10.0 | 9.6 | F8 | 1 | .. | 20081b |
| 80 | 12170 | 58.6 | −45 46 | 10.6 | 9.8 | A2 | 3 | .. | 17085b |
| 81 | 12097 | 58.6 | −46 17 | 10.3 | 10.3 | A2 | 2 | .. | 17085b |
| 82 | 8682 | 58.6 | −54 0 | 9.2 | 10.1 | G5 | 3 | .. | 37621b |
| 83 | 1237 | 58.7 | +64 9 | 7.84 | *8.8* | F2 | 3 | R | 38505i |
| 84 | | 58.7 | +64 9 | 7.47 | *7.81* | F2 | 5 | | |
| 85 | 1832 | 58.7 | +57 21 | 8.2 | *9.4* | K5 | 3 | .. | 38015i |
| 86 | 2013 | 58.7 | +53 38 | 8.0 | *9.1* | K2 | 2 | .. | 38015i |
| 87 | 2574 | 58.7 | +47 54 | 8.0 | *9.0* | Ko | 1 | .. | 38778i |
| 88 | 3373 | 58.7 | +10 18 | 8.0 | *9.1* | K2 | 5 | .. | 16851b |
| 89 | 4232 | 58.7 | − 3 35 | 9.3 | *10.1* | G5 | 2 | .. | 38110b |
| 90 | 4973 | 58.7 | −20 37 | 9.5 | 9.5 | Ao | 3 | .. | 38062b |
| 91 | 4972 | 58.7 | −20 59 | 9.8 | 9.2 | B8 | 2 | .. | 38062b |
| 92 | 4548 | 58.7 | −22 27 | 10.7 | 9.4 | B5 | 3 | .. | 40711b |
| 93 | 13863 | 58.7 | −23 36 | 9.5 | 8.6 | B8 | 4 | .. | 40711b |
| 94 | 14112 | 58.7 | −28 30 | 10.9 | 9.8 | A5 | 1 | .. | 17092b |
| 95 | 14449 | 58.7 | −29 11 | 10.9 | 10.0 | Ao | 2 | .. | 17092b |
| 96 | 14451 | 58.7 | −29 55 | 10.0 | 9.7 | Go | 3 | .. | 17092b |
| 97 | 13706 | 58.7 | −32 16 | 8.7 | 9.5 | Ko | 3 | .. | 13823b |
| 98 | 12441 | 58.7 | −34 43 | 9.1 | 8.6 | Ao | 3 | .. | 38804b |
| 99 | 12153 | 58.7 | −37 28 | 6.78 | 7.4 | Ko | 7 | .. | 20081b |
| 100 | 12390 | 58.7 | −41 25 | 8.0 | 8.8 | F5 | 5 | .. | 19911b |



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1922AnHar..97....1C



## 165000 — 17h 58m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12321 | 58.7 | −44 45 | 11.0 | 10.6 | G5 | 2 | .. | 17085b |
| 2 | 11925 | 58.7 | −49 31 | 7.9 | 8.9 | F2 | 5 | .. | 19938b |
| 3 | 8681 | 58.7 | −54 11 | 7.3 | 8.2 | F5 | 9 | .. | 17453b |
| 4 | 8489 | 58.7 | −55 29 | *9.7* | 10.0 | Fo | 2 | .. | 37621b |
| 5 | 2494 | 58.7 | −70 41 | *9.6* | 9.7 | A5 | 2 | .. | 21336b |
| 6 | 1871 | 58.8 | +59 32 | 8.31 | *8.31* | Ao | 3 | .. | 38505i |
| 7 | 2051 | 58.8 | +56 27 | 8.7 | *9.7* | Ko | 1 | .. | 38015i |
| 8 | 3111 | 58.8 | +30 33 | 6.76 | *7.10* | F2 | 7 | .. | 38480i |
| 9 | 3437 | 58.8 | − 1 36 | 9.5 | *9.9* | F5 | 4 | .. | 38110b |
| 10 | *4539* | 58.8 | − 3 0 | 10.2 | *10.3* | A2 | 2 | .. | 38110b |
| 11 | 4598 | 58.8 | −10 54 | 7.58 | *8.14* | Go | 8 | .. | 40332b |
| 12 | 5007 | 58.8 | −17 2 | 8.8 | *9.1* | Fo | 4 | .. | 38062b |
| 13 | 4828 | 58.8 | −19 2 | 8.8 | 8.5 | A2 | 4 | .. | 38062b |
| 14 | 4976 | 58.8 | −20 57 | 9.5 | 9.5 | F8 | 2 | .. | 38062b |
| 15 | 13866 | 58.8 | −23 42 | 8.7 | 8.9 | G5 | 4 | .. | 40711b |
| 16 | 13853 | 58.8 | −24 41 | 7.60 | 7.2 | Bo | .. | 0,8- | **56**,141 |
| 17 | 12358 | 58.8 | −27 6 | 9.3 | 8.6 | A2 | 5 | .. | 17092b |
| 18 | 15197 | 58.8 | −30 19 | 10.7 | 9.7 | Fo | 3 | .. | 17092b |
| 19 | 15068 | 58.8 | −31 3 | 9.7 | 10.0 | Ko | 2 | .. | 17092b |
| 20 | 12194 | 58.8 | −36 45 | 7.6 | 7.3 | A5 | 7 | .. | 20081b |
| 21 | 12134 | 58.8 | −40 46 | 10.9 | 10.2 | Go | 1 | .. | 21880b |
| 22 | 12102 | 58.8 | −46 29 | 7.2 | 9.0 | Ma | 7 | .. | 17085b |
| 23 | 12051 | 58.8 | −47 22 | 8.4 | 9.2 | F8 | 6 | .. | 17085b |
| 24 | 11720 | 58.8 | −50 6 | 3.90 | *3.68* | B1p | .. | R | **28**,212 |
| 25 | 11719 | 58.8 | −50 31 | 9.1 | 9.3 | Fo | 5 | .. | 37621b |
| 26 | 10990 | 58.8 | −52 48 | *10.4* | 10.4 | Ao | 1 | .. | 37621b |
| 27 | 10991 | 58.8 | −52 58 | 8.1 | 8.3 | F8 | 7 | .. | 37621b |
| 28 | 1798 | 58.9 | +60 28 | 7.91 | *7.99* | A3 | 4 | .. | 38505i |
| 29 | 3508 | 58.9 | +19 35 | 6.48 | *6.48* | Ao | 7 | .. | 38784i |
| 30 | 3590 | 58.9 | + 5 4 | 9.5 | *9.8* | F2 | 2 | .. | 14148b |
| 31 | 3575 | 58.9 | + 3 34 | 9.5 | *10.1* | Go | 1 | .. | 13401b |
| 32 | 4643 | 58.9 | − 9 15 | 9.5 | *10.1* | Go | 3 | .. | 38082b |
| 33 | 4977 | 58.9 | −20 50 | 8.6 | 8.5 | B9 | 5 | .. | 38062b |
| 34 | 12360 | 58.9 | −27 8 | 8.7 | 8.9 | K2 | 2 | .. | 17092b |
| 35 | 12362 | 58.9 | −27 10 | 10.7 | 9.0 | B9 | 2 | .. | 17092b |
| 36 | 12364 | 58.9 | −27 33 | 9.5 | 8.9 | A2 | 4 | .. | 17092b |
| 37 | 12262 | 58.9 | −43 45 | 10.3 | 10.3 | K5 | 2 | .. | 17085b |
| 38 | 11355 | 58.9 | −51 14 | 9.9 | 10.1 | Ko | 2 | .. | 37621b |
| 39 | 8684 | 58.9 | −54 39 | *9.2* | 10.0 | G5 | 3 | .. | 37621b |
| 40 | 4292 | 58.9 | −63 40 | 4.44 | *4.58* | A5 | .. | R | **28**,212 |
| 41 | 3155 | 59.0 | +26 50 | 8.7 | *8.7* | Ao | 1 | .. | 38480i |
| 42 | 3509 | 59.0 | +19 33 | 7.16 | *8.51* | Ma | 1 | .. | 38784i |
| 43 | 3344 | 59.0 | +15 26 | 8.0 | *9.0* | Ko | 3 | .. | 37959i |
| 44 | 3583 | 59.0 | + 4 38 | 9.1 | *9.2* | A3 | 3 | .. | 13401b |
| 45 | 3574 | 59.0 | + 1 50 | 8.5 | *9.3* | G5 | 7 | 0,2 | 14148b |
| 46 | 4644 | 59.0 | − 9 58 | 9.53 | *9.53* | Ao | 3 | .. | 38082b |
| 47 | 4600 | 59.0 | −10 47 | 9.3 | *9.8* | F8 | 2 | .. | 40602b |
| 48 | 4912 | 59.0 | −12 53 | 10.4 | *11.0* | Go | 2 | .. | 39380b |
| 49 | 4803 | 59.0 | −15 22 | 8.07 | *7.83* | B | 5 | R | 40332b |
| 50 | 4805 | 59.0 | −15 43 | 9.5 | *10.9* | Mb | 2 | *5*,1 | 39380b |
| 51 | 13871 | 59.0 | −23 17 | 10.0 | 9.4 | A3 | 3 | .. | 40711b |
| 52 | 13864 | 59.0 | −24 24 | 6.79 | 7.0 | Oe5 | .. | R | **56**,141 |
| 53 | 12366 | 59.0 | −27 32 | 10.7 | 9.2 | Ao | 2 | .. | 17092b |
| 54 | 14114 | 59.0 | −28 41 | 9.3 | 8.6 | Go | 5 | .. | 17092b |
| 55 | 14457 | 59.0 | −29 6 | 9.0 | 8.5 | B8 | 6 | .. | 17092b |
| 56 | 14458 | 59.0 | −29 27 | 10.9 | 10.2 | A2 | 1 | .. | 17092b |
| 57 | 13713 | 59.0 | −32 12 | 8.7 | 9.7 | K2 | 2 | .. | 13823b |
| 58 | 13715 | 59.0 | −32 51 | 8.8 | 9.7 | Ko | 2 | .. | 13823b |
| 59 | 12810 | 59.0 | −33 19 | 9.8 | 9.7 | G5 | 1 | .. | 40724b |
| 60 | 12245 | 59.0 | −35 41 | 8.4 | 8.6 | F8 | 5 | .. | 20081b |
| 61 | 12243 | 59.0 | −35 52 | 11.8 | 10.0 | A3 | 1 | .. | 20081b |
| 62 | 12197 | 59.0 | −36 14 | 8.4 | 8.6 | K2 | 4 | .. | 20081b |
| 63 | 12198 | 59.0 | −36 35 | 7.6 | 7.4 | B8 | 8 | .. | 20081b |
| 64 | 12159 | 59.0 | −37 50 | 10.9 | 9.8 | F5 | 1 | .. | 20081b |
| 65 | .. | 59.0 | −38 15 | var. | var. | Md | .. | R | M |
| 66 | 12175 | 59.0 | −45 14 | 10.1 | 9.8 | A2 | 4 | .. | 17085b |
| 67 | 11356 | 59.0 | −51 46 | 10.6 | 10.7 | Ko | 1 | .. | 37621b |
| 68 | 10992 | 59.0 | −52 42 | *9.5* | 10.7 | K5 | 1 | .. | 37621b |
| 69 | 5792 | 59.0 | −62 22 | *8.6* | 8.9 | F2 | 5 | .. | 20144b |
| 70 | 2496 | 59.0 | −70 18 | *8.7* | 9.7 | Ko | 3 | 2,1 | 21336b |
| 71 | 1411 | 59.0 | −75 55 | *9.3* | 9.7 | F5 | 2 | .. | 19008b |
| 72 | 946 | 59.0 | −79 11 | *8.6* | 9.7 | K2 | 4 | .. | 19008b |
| 73 | 3112 | 59.1 | +30 21 | 8.1 | *8.6* | F8 | 2 | .. | 38480i |
| 74 | 3397 | 59.1 | +14 5 | 7.64 | *7.92* | Fo | 5 | .. | 37959i |
| 75 | 3370 | 59.1 | +12 16 | 8.6 | *9.7* | K2 | 1 | .. | 37959i |
| 76 | 3847 | 59.1 | + 0 1 | 9.8 | *9.8* | Ao | 2 | .. | 38110b |
| 77 | 3405 | 59.1 | − 0 32 | 9.8 | *9.8* | Ao | 3 | .. | 38110b |
| 78 | 4806 | 59.1 | −15 1 | 9.51 | *10.51* | Ko | 3 | .. | 39380b |
| 79 | 4550 | 59.1 | −22 24 | 10.2 | 10.3 | K5 | 2 | .. | 40711b |
| 80 | 12367 | 59.1 | −27 42 | 9.5 | 8.6 | B9 | 6 | .. | 17092b |
| 81 | 12369 | 59.1 | −27 50 | 8.0 | 9.0 | K5 | 5 | .. | 17092b |
| 82 | 14116 | 59.1 | −28 50 | 10.9 | 9.2 | B8 | 3 | .. | 17092b |
| 83 | 14462 | 59.1 | −29 22 | 10.7 | 10.0 | B8 | 2 | .. | 17092b |
| 84 | 15204 | 59.1 | −30 51 | 8.0 | 9.1 | Ko | 4 | .. | 17092b |
| 85 | 12451 | 59.1 | −34 37 | 9.0 | 10.1 | K5 | 1 | .. | 38804b |
| 86 | 12854 | 59.1 | −42 11 | 9.9 | 9.6 | F5 | 3 | .. | 21880b |
| 87 | 12855 | 59.1 | −42 26 | 10.1 | 10.2 | B9 | 3 | .. | 21880b |
| 88 | 12328 | 59.1 | −44 55 | 9.9 | 10.1 | F8 | 3 | .. | 17085b |
| 89 | 12277 | 59.1 | −48 21 | 8.4 | 10.1 | K2 | 2 | .. | 19938b |
| 90 | 12278 | 59.1 | −48 56 | 11.0 | 10.1 | Ao | 2 | .. | 19938b |
| 91 | 11927 | 59.1 | −49 33 | 8.9 | 9.5 | G5 | 2 | .. | 19938b |
| 92 | 2190 | 59.1 | −72 37 | *8.3* | 9.4 | K2 | 2 | .. | 21336b |
| 93 | 1163 | 59.1 | −78 15 | *9.4* | 9.5 | A3 | 4 | .. | 19008b |
| 94 | 2869 | 59.2 | +43 58 | 8.7 | *9.8* | K2 | 1 | .. | 37220i |
| 95 | 3375 | 59.2 | +10 40 | 9.1 | *9.4* | F | 1 | .. | 9437b |
| 96 | 3545 | 59.2 | + 9 7 | 9.5 | *9.5* | Ao | 2 | .. | 9437b |
| 97 | 3547 | 59.2 | + 9 2 | 8.9 | *8.9* | Ao | 4 | .. | 9437b |
| 98 | 4808 | 59.2 | −15 17 | 7.85 | *8.41* | Go | 6 | .. | 40332b |
| 99 | 4702 | 59.2 | −16 1 | 8.6 | *9.2* | Go | 3 | .. | 40332b |
| 100 | 4551 | 59.2 | −22 51 | 11.1 | 9.7 | A | 2 | .. | 40711b |



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1922AnHar..97....1C



## 165100 — 17h 59m.2

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12777 | 59.2 | −26 30 | 11.2 | 9.8 | Ao | 2 | .. | 17092b |
| 2 | 12778 | 59.2 | −26 38 | 9.0 | 9.0 | B8 | 4 | .. | 17092b |
| 3 | 14463 | 59.2 | −29 41 | 10.7 | 10.6 | A2 | 2 | .. | 17092b |
| 4 | 15210 | 59.2 | −30 2 | 11.2 | 10.3 | Ao | 3 | .. | 17092b |
| 5 | 13721 | 59.2 | −32 48 | 9.3 | 10.3 | K5 | 1 | .. | 13823b |
| 6 | 12138 | 59.2 | −40 30 | 10.7 | 9.6 | Ao | 2 | .. | 21880b |
| 7 | 7000 | 59.2 | −60 22 | *9.6* | 10.4 | G5 | 1 | .. | 42469b |
| 8 | 947 | 59.2 | −79 31 | *9.3* | 9.7 | F5 | 2 | .. | 19008b |
| 9 | 2576 | 59.3 | +47 52 | 7.44 | *8.44* | Ko | 4 | .. | 37844i |
| 10 | 3577 | 59.3 | + 3 38 | 9.1 | *9.5* | F5 | 1 | .. | 13401b |
| 11 | 3578 | 59.3 | + 3 31 | 8.5 | *8.9* | F5 | 4 | 0,8 | 37811i |
| 12 | 4542 | 59.3 | − 2 38 | 10.2 | *10.2* | Ao | 1 | .. | 38110b |
| 13 | 4872 | 59.3 | −14 43 | 9.0 | *9.8* | G5 | 3 | .. | 39380b |
| 14 | 4829 | 59.3 | −19 22 | 9.5 | 9.7 | A5 | 1 | .. | 38062b |
| 15 | 4830 | 59.3 | −19 35 | 9.2 | 9.1 | Ao | 3 | .. | 38062b |
| 16 | 12783 | 59.3 | −26 13 | 10.2 | 9.8 | Go | 1 | .. | 17092b |
| 17 | 14122 | 59.3 | −28 34 | 10.2 | 9.2 | B9 | 2 | .. | 17092b |
| 18 | 14467 | 59.3 | −29 17 | 7.03 | 7.6 | A2 | 6 | .. | 13838b |
| 19 | 15214 | 59.3 | −30 39 | 10.4 | 10.0 | Ko | 1 | .. | 17092b |
| 20 | 12251 | 59.3 | −35 7 | 9.08 | 10.3 | K5 | 1 | .. | 38804b |
| 21 | 12164 | 59.3 | −37 26 | 7.6 | 8.4 | Ko | 5 | .. | 20081b |
| 22 | 12142 | 59.3 | −40 58 | 9.0 | 9.6 | Ma | 2 | .. | 21880b |
| 23 | *12143* | 59.3 | −41 0 | 9.4 | 9.9 | Ko | 2 | .. | 21880b |
| 24 | 12269 | 59.3 | −43 38 | 8.6 | 9.5 | Ma | 5 | .. | 17085b |
| 25 | 12329 | 59.3 | −44 19 | 9.9 | 9.5 | B9 | 5 | .. | 17085b |
| 26 | 12279 | 59.3 | −48 42 | 8.5 | 9.5 | Ko | 4 | .. | 19938b |
| 27 | 11933 | 59.3 | −49 49 | 7.7 | 8.0 | A2 | 8 | .. | 19938b |
| 28 | 10996 | 59.3 | −52 6 | *9.7* | 10.7 | Ko | 1 | .. | 37621b |
| 29 | 3152 | 59.4 | +31 57 | 8.1 | *9.1* | Ko | 1 | .. | 38480i |
| 30 | 4390 | 59.4 | − 4 3 | 9.5 | *9.5* | Ao | 2 | .. | 38110b |
| 31 | 4839 | 59.4 | −21 40 | 8.8 | 8.5 | G5 | 6 | .. | 40711b |
| 32 | 13881 | 59.4 | −23 43 | 8.3 | 7.9 | B3 | 5 | .. | 40711b |
| 33 | 13869 | 59.4 | −24 12 | 10.4 | 8.9 | B9 | 3 | .. | 40711b |
| 34 | 12378 | 59.4 | −27 54 | 11.2 | 9.5 | Ao | 2 | .. | 17092b |
| 35 | 15215 | 59.4 | −30 26 | 3.07 | *4.07* | Ko | .. | R | **28**,212 |
| 36 | 15216 | 59.4 | −30 40 | 7.9 | 8.9 | Ko | 5 | .. | 17092b |
| 37 | 12167 | 59.4 | −37 30 | 7.8 | 7.4 | F2 | 7 | .. | 20081b |
| 38 | 12144 | 59.4 | −40 4 | 10.2 | 9.6 | A2 | 3 | .. | 21880b |
| 39 | 12403 | 59.4 | −41 46 | 8.0 | 8.1 | Ao | 8 | .. | 19911b |
| 40 | 12333 | 59.4 | −44 53 | 11.6 | 10.7 | Ko | 1 | .. | 17085b |
| 41 | 12280 | 59.4 | −48 15 | 6.9 | 8.0 | Ko | 9 | .. | 19938b |
| 42 | 11359 | 59.4 | −51 18 | 10.6 | 9.8 | Ao | 4 | .. | 37621b |
| 43 | 2011 | 59.5 | +55 48 | 8.7 | *9.8* | K2 | 1 | .. | 38015i |
| 44 | 2870 | 59.5 | +43 16 | 7.46 | *8.46* | Ko | 4 | .. | 37844i |
| 45 | 3326 | 59.5 | +11 8 | 8.5 | *8.5* | Ao | 2 | .. | 37959i |
| 46 | 3576 | 59.5 | + 1 14 | 7.6 | *7.9* | Fo | 3 | 5,3 | 38464i |
| 47 | 4554 | 59.5 | − 8 45 | 9.5 | *10.0* | F8 | 2 | .. | 38082b |
| 48 | 4527 | 59.5 | −11 30 | 8.2 | *8.3* | A2 | 7 | .. | 40332b |
| 49 | 4913 | 59.5 | −12 25 | 9.2 | *10.2* | Ko | 2 | .. | 39380b |
| 50 | 4844 | 59.5 | −13 45 | 9.2 | *9.3* | A2 | 3 | .. | 40332b |
| 51 | 4842 | 59.5 | −21 9 | 8.8 | 8.3 | Ao | 6 | 0,5 | 40711b |
| 52 | 4841 | 59.5 | −21 57 | 10.4 | 9.2 | B9 | 3 | .. | 40711b |
| 53 | 12698 | 59.5 | −25 14 | 10.2 | 9.5 | Ao | 3 | .. | 40711b |
| 54 | 14473 | 59.5 | −29 13 | 9.5 | 10.0 | Ko | 2 | .. | 17092b |
| 55 | 14475 | 59.5 | −29 56 | 10.2 | 9.7 | G5 | 2 | .. | 17092b |
| 56 | 13729 | 59.5 | −32 40 | 10.2 | 9.2 | Ao | 2 | .. | 13823b |
| 57 | 12254 | 59.5 | −35 47 | 10.0 | 9.6 | Fo | 1 | .. | 20081b |
| 58 | 12208 | 59.5 | −36 18 | 10.2 | 9.6 | A5 | 2 | .. | 20081b |
| 59 | 12219 | 59.5 | −39 3 | 9.0 | 8.8 | B9 | 4 | .. | 20081b |
| 60 | 12220 | 59.5 | −39 16 | 9.4 | 9.6 | Ko | 2 | .. | 21880b |
| 61 | 12871 | 59.5 | −42 37 | 9.0 | 9.3 | Ko | 3 | .. | 19911b |
| 62 | 12334 | 59.5 | −44 47 | 10.3 | 10.6 | Ao | 2 | .. | 17085b |
| 63 | 11364 | 59.5 | −51 25 | 10.1 | 10.1 | Ao | 2 | .. | 37621b |
| 64 | 8690 | 59.5 | −54 9 | 7.4 | 7.8 | A2 | 9 | .. | 17453b |
| 65 | 8691 | 59.5 | −54 21 | 9.0 | 9.8 | G5 | 4 | .. | 37621b |
| 66 | 8497 | 59.5 | −55 45 | *9.3* | 10.3 | Ko | 1 | .. | 37621b |
| 67 | 7225 | 59.5 | −59 8 | *9.4* | 9.8 | F5 | 1 | .. | 17453b |
| 68 | 1399 | 59.6 | +63 32 | 7.10 | *8.17* | K2 | 4 | .. | 38505i |
| 69 | 2052 | 59.6 | +56 58 | 7.36 | *8.36* | Ko | 5 | .. | 38015i |
| 70 | 2812 | 59.6 | +44 15 | 7.22 | *7.56* | F2 | 7 | .. | 37844i |
| 71 | 3002 | 59.6 | +36 7 | 7.94 | *8.22* | Fo | 3 | .. | 37871i |
| 72 | 3404 | 59.6 | +14 46 | 7.9 | *7.9* | Ao | 4 | .. | 37959i |
| 73 | 3610 | 59.6 | + 6 25 | 8.1 | *8.9* | G5 | 2 | .. | 37811i |
| 74 | 3578 | 59.6 | + 1 55 | 6.09 | *5.92* | B3 | 7 | *1*,8 | 38464i |
| 75 | 3848 | 59.6 | + 0 51 | 9.67 | *9.67* | Ao | 2 | .. | 38110b |
| 76 | 3440 | 59.6 | − 1 45 | 9.0 | *9.6* | Go | 6 | .. | 38110b |
| 77 | 4706 | 59.6 | − 6 21 | 8.6 | *8.7* | A2 | 7 | *2*,7 | 40602b |
| 78 | 4602 | 59.6 | −10 31 | 8.8 | *8.9* | A5 | 5 | .. | 40602b |
| 79 | 5011 | 59.6 | −17 18 | 9.8 | *9.9* | A2 | 2 | .. | 38062b |
| 80 | 12384 | 59.6 | −27 48 | 9.3 | 9.8 | K5 | 1 | .. | 17092b |
| 81 | 15088 | 59.6 | −31 29 | 8.7 | 8.6 | B8 | 5 | .. | 40724b |
| 82 | 15087 | 59.6 | −31 34 | 9.0 | 8.6 | B8 | 4 | .. | 40724b |
| 83 | 15090 | 59.6 | −31 34 | 7.85 | 9.2 | K2 | 2 | .. | 40724b |
| 84 | 13731 | 59.6 | −32 40 | 8.5 | 9.1 | G5 | 3 | .. | 13823b |
| 85 | 12214 | 59.6 | −36 2 | 5.92 | 6.7 | G5 | .. | .. | **56**,141 |
| 86 | 12170 | 59.6 | −37 31 | 10.4 | 9.3 | A3 | 2 | .. | 20081b |
| 87 | 12478 | 59.6 | −38 46 | 8.7 | 9.0 | F8 | 4 | .. | 20081b |
| 88 | 12147 | 59.6 | −40 15 | 10.0 | 9.3 | A2 | 5 | .. | 21880b |
| 89 | 12272 | 59.6 | −43 26 | 5.77 | 5.9 | A3 | .. | R | **56**,141 |
| 90 | | 59.6 | −43 26 | 5.77 | | | | | |
| 91 | 12056 | 59.6 | −47 23 | 7.5 | 8.4 | Ko | 7 | .. | 17085b |
| 92 | 3376 | 59.7 | +10 54 | 8.6 | *8.9* | Fo | 3 | .. | 9437b |
| 93 | 3574 | 59.7 | + 8 4 | 9.8 | *10.1* | Fo | 1 | .. | 9437b |
| 94 | 3595 | 59.7 | + 5 3 | 10.1 | *10.1* | Ao | 1 | .. | 13401b |
| 95 | 3579 | 59.7 | + 3 48 | 7.9 | *8.7* | G5 | 6 | 5,3 | 13401b |
| 96 | 3406 | 59.7 | − 0 47 | 10.5 | *10.5* | Ao | 1 | .. | 38110b |
| 97 | 3441 | 59.7 | − 1 19 | 9.8 | *9.8* | Ao | 4 | .. | 38110b |
| 98 | 4647 | 59.7 | − 9 12 | 10.4 | *11.2* | G5 | 1 | .. | 38082b |
| 99 | 4645 | 59.7 | − 9 18 | 9.8 | *10.4* | Go | 2 | .. | 38082b |
| 100 | 4646 | 59.7 | − 9 35 | 8.4 | *9.0* | Go | 6 | .. | 40602b |



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1922AnHar..97....1C



## 165200 — 17h 59m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4914 | 59.7 | −12 35 | 10.0 | *10.0* | A | 2 | .. | 39380b |
| 2 | 4832 | 59.7 | −19 45 | 6.79 | 6.8 | B9 | 8 | .. | 38062b |
| 3 | 4554 | 59.7 | −22 51 | 10.7 | 10.0 | Ao | 2 | .. | 40711b |
| 4 | 13889 | 59.7 | −23 31 | 9.3 | 9.4 | Go | 3 | .. | 40711b |
| 5 | 12789 | 59.7 | −26 34 | 9.7 | 9.2 | B5 | 3 | .. | 17092b |
| 6 | 12386 | 59.7 | −27 5 | 10.2 | 8.6 | Ao | 4 | .. | 17092b |
| 7 | 14481 | 59.7 | −29 26 | 8.7 | 7.9 | B5 | 4 | .. | 13838b |
| 8 | 15091 | 59.7 | −31 15 | 9.0 | 8.9 | Ao | 6 | .. | 40724b |
| 9 | 13733 | 59.7 | −32 34 | 10.2 | 9.7 | Ao | 2 | .. | 13823b |
| 10 | 12460 | 59.7 | −34 19 | 8.7 | 8.0 | B8 | 7 | R | 40724b |
| 11 | 12172 | 59.7 | −37 59 | 10.0 | 9.2 | A2 | 3 | .. | 20081b |
| 12 | 12480 | 59.7 | −38 29 | 9.4 | 9.6 | Ko | 1 | .. | 20081b |
| 13 | 12479 | 59.7 | −38 37 | 8.4 | 9.3 | K2 | 4 | .. | 20081b |
| 14 | 12151 | 59.7 | −40 5 | 9.48 | 9.3 | F5 | 2 | .. | 21880b |
| 15 | 12194 | 59.7 | −45 3 | 11.6 | 10.6 | Ao | 1 | .. | 17085b |
| 16 | 12111 | 59.7 | −46 28 | 10.6 | 10.3 | Ao | 2 | .. | 17085b |
| 17 | 11366 | 59.7 | −51 7 | 9.5 | 9.8 | Go | 4 | .. | 37621b |
| 18 | 11000 | 59.7 | −52 56 | 9.2 | 10.7 | K2 | 1 | .. | 37621b |
| 19 | 160 | 59.7 | −88 22 | *10.2* | 10.3 | A5 | 3 | .. | 22980b |
| 20 | 2646 | 59.8 | +45 6 | 8.37 | *9.37* | Ko | 2 | .. | 37844i |
| 21 | 3580 | 59.8 | + 3 32 | 8.9 | *9.3* | F5 | 2 | .. | 13401b |
| 22 | 4233 | 59.8 | − 3 2 | 9.2 | *10.4* | K5 | 3 | .. | 38110b |
| 23 | 4555 | 59.8 | −22 13 | 8.79 | 8.8 | B8 | 5 | .. | 40711b |
| 24 | 12704 | 59.8 | −25 32 | 10.4 | 10.0 | Ko | 2 | .. | 40711b |
| 25 | 12792 | 59.8 | −26 58 | 9.0 | 8.0 | B3 | 7 | .. | 17092b |
| 26 | 12389 | 59.8 | −27 50 | 11.6 | 9.5 | Ao | 2 | .. | 17092b |
| 27 | 14482 | 59.8 | −29 8 | 10.7 | 9.7 | B9 | 1 | .. | 17092b |
| 28 | 12463 | 59.8 | −34 30 | 8.7 | 8.4 | B8 | 5 | .. | 40724b |
| 29 | 12461 | 59.8 | −34 37 | 10.0 | 9.5 | F | 3 | R | 40724b |
| 30 | 12409 | 59.8 | −41 54 | 10.9 | 9.6 | Ao | 3 | .. | 21880b |
| 31 | 12879 | 59.8 | −42 2 | 9.3 | 9.6 | Go | 3 | .. | 21880b |
| 32 | 12878 | 59.8 | −42 44 | 8.6 | 8.1 | A2 | 6 | .. | 19911b |
| 33 | 12112 | 59.8 | −46 5 | 10.6 | 10.4 | F5 | 1 | .. | 17085b |
| 34 | 8695 | 59.8 | −54 45 | *9.3* | 10.5 | K5 | 1 | .. | 37621b |
| 35 | 8608 | 59.8 | −56 47 | *8.6* | 9.2 | Go | 2 | .. | 17453b |
| 36 | 7227 | 59.8 | −59 16 | 9.2 | 9.3 | Ao | 3 | .. | 17453b |
| 37 | 7226 | 59.8 | −59 36 | *9.7* | 9.8 | A5 | 2 | .. | 42469b |
| 38 | 3248 | 59.8 | −66 38 | *8.4* | 9.5 | K2 | 3 | .. | 41598b |
| 39 | 2194 | 59.8 | −72 58 | *7.8* | 8.8 | Ko | 4 | .. | 21336b |
| 40 | 2302 | 59.9 | +51 38 | 7.24 | *7.52* | Fo | 6 | .. | 38778i |
| 41 | 3160 | 59.9 | +26 39 | 7.00 | *7.34* | F2 | 5 | .. | 38480i |
| 42 | 3612 | 59.9 | + 6 21 | 8.9 | *10.1* | K5 | 1 | .. | 9437b |
| 43 | 3596 | 59.9 | + 5 16 | 9.3 | *9.6* | Fo | 1 | .. | 13401b |
| 44 | 4529 | 59.9 | −11 1 | 7.27 | *7.41* | A5 | 9 | .. | 40332b |
| 45 | 4556 | 59.9 | −22 38 | 10.7 | 10.0 | A | 2 | .. | 40711b |
| 46 | 13880 | 59.9 | −24 12 | 8.1 | 7.6 | B9 | 5 | 4,7 R | 39280b |
| 47 | 13879 | 59.9 | −24 19 | 10.7 | 9.8 | Ao | 2 | .. | 40711b |
| 48 | 12465 | 59.9 | −34 32 | 9.4 | 9.2 | B8 | 2 | .. | 40724b |
| 49 | 12154 | 59.9 | −40 5 | 8.58 | 9.3 | G5 | 4 | .. | 21880b |
| 50 | 12413 | 59.9 | −41 39 | 8.7 | 8.7 | Ao | 6 | .. | 19911b |
| 51 | *12337* | 59.9 | −45 0 | 10.3 | 10.7 | K2 | 1 | .. | 17085b |
| 52 | 12199 | 59.9 | −45 12 | 9.2 | 10.3 | K5 | 2 | .. | 17085b |
| 53 | 12113 | 59.9 | −46 12 | 10.6 | 10.6 | Ao | 1 | .. | 17085b |
| 54 | 12061 | 59.9 | −47 49 | 9.2 | 9.8 | G5 | 2 | .. | 19938b |
| 55 | 8941 | 59.9 | −53 30 | *9.4* | 10.0 | Go | 3 | .. | 37621b |
| 56 | 8503 | 59.9 | −55 42 | 7.7 | 8.6 | K2 | 6 | .. | 17453b |
| 57 | 7337 | 59.9 | −58 34 | 8.9 | 8.6 | Ao | 6 | .. | 17453b |
| 58 | 2196 | 59.9 | −72 47 | *9.0* | 10.0 | Ko | 1 | .. | 21336b |
| 59 | 1888 | 59.9 | −73 41 | 5.92 | 6.2 | F5 | .. | 0,10 | 56,141 |
| 60 | 1669 | 59.9 | −74 18 | *7.6* | 7.6 | Ao | 8 | .. | 21336b |
| 61 | 2625 | 0.0 | +48 18 | 8.1 | *8.9* | G5 | 2 | .. | 38778i |
| 62 | 3615 | 0.0 | + 6 34 | 9.2 | *9.2* | B9 | 2 | .. | 9437b |
| 63 | 3582 | 0.0 | + 3 53 | 8.5 | *9.6* | K2 | 3 | .. | 13401b |
| 64 | 4544 | 0.0 | − 2 27 | 9.7 | *10.2* | F8 | 3 | .. | 38110b |
| 65 | 4834 | 0.0 | −19 28 | 8.1 | 8.6 | Ao | 5 | .. | 38062b |
| 66 | 4835 | 0.0 | −19 43 | 8.5 | 8.5 | B9 | 5 | .. | 38062b |
| 67 | 4982 | 0.0 | −20 34 | 9.7 | 9.9 | A2 | 2 | .. | 38062b |
| 68 | 13898 | 0.0 | −23 30 | 10.2 | 9.9 | G | 1 | .. | 40711b |
| 69 | 12393 | 0.0 | −27 30 | 7.20 | 8.0 | Go | 4 | .. | 13838b |
| 70 | 12276 | 0.0 | −43 56 | 10.1 | 10.1 | Ko | 3 | .. | 17085b |
| 71 | 12117 | 0.0 | −46 54 | 7.7 | 8.4 | G5 | 8 | .. | 17085b |
| 72 | 11369 | 0.0 | −51 39 | 10.3 | 10.1 | Go | 2 | .. | 37621b |
| 73 | 11003 | 0.0 | −52 15 | 7.3 | 8.6 | Ko | 8 | .. | 37621b |
| 74 | 8697 | 0.0 | −54 16 | 8.2 | 9.2 | K2 | 4 | .. | 17453b |
| 75 | 7228 | 0.0 | −59 1 | 9.0 | 9.8 | F5 | 2 | .. | 42469b |
| 76 | 5795 | 0.0 | −62 20 | *9.5* | 9.5 | Ao | 3 | .. | 20144b |
| 77 | 1413 | 0.0 | −75 34 | *6.9* | 6.9 | Ao | 10 | .. | 21336b |
| 78 | 806 | 0.0 | −81 10 | *8.1* | 9.1 | Ko | 2 | .. | 14161b |
| 79 | 2648 | 0.1 | +45 25 | 9.1 | *9.7* | G | 2 | .. | 37844i |
| 80 | 3069 | 0.1 | +38 18 | 8.4 | *8.4* | A | 1 | .. | 37871i |
| 81 | 3113 | 0.1 | +30 24 | 6.66 | *7.08* | F5 | 5 | .. | 38480i |
| 82 | 3253 | 0.1 | +23 26 | 9.1 | *9.2* | A3 | 3 | .. | 38784i |
| 83 | 4234 | 0.1 | − 3 24 | 9.7 | *10.1* | F5 | 2 | .. | 38110b |
| 84 | 4879 | 0.1 | −14 36 | 9.9 | *9.9* | Ao | 3 | 0,1 | 39380b |
| 85 | 4836 | 0.1 | −19 58 | 8.73 | 8.5 | B2 | 4 | .. | 38062b |
| 86 | 4983 | 0.1 | −20 57 | 9.2 | 10.0 | K5 | 1 | .. | 38062b |
| 87 | 4557 | 0.1 | −22 7 | 8.9 | 8.2 | B5 | 6 | .. | 40711b |
| 88 | 4558 | 0.1 | −22 28 | 9.9 | 8.8 | B5 | 4 | .. | 40711b |
| 89 | 13885 | 0.1 | −24 46 | 9.3 | 10.0 | G5 | 1 | .. | 40711b |
| 90 | 12802 | 0.1 | −26 17 | 9.0 | 9.3 | Go | 3 | .. | 40711b |
| 91 | 12801 | 0.1 | −26 48 | 8.0 | 8.9 | F5 | 6 | .. | 17092b |
| 92 | 14139 | 0.1 | −28 34 | 10.2 | 8.6 | B8 | 5 | .. | 17092b |
| 93 | 15097 | 0.1 | −31 40 | 9.2 | 9.7 | K2 | 2 | .. | 40724b |
| 94 | 13739 | 0.1 | −32 24 | 8.7 | 8.6 | B8 | 5 | .. | 13823b |
| 95 | 12340 | 0.1 | −44 10 | 8.9 | 8.9 | F5 | 7 | .. | 17085b |
| 96 | 12118 | 0.1 | −46 41 | 9.9 | 9.6 | Fo | 3 | .. | 17085b |
| 97 | 7001 | 0.1 | −60 20 | *9.4* | 9.8 | F5 | 2 | .. | 42469b |
| 98 | 2412 | 0.2 | +46 14 | 7.8. | *8.3* | F8 | 3 | .. | 37844i |
| 99 | 3598 | 0.2 | + 5 50 | 9.1 | *9.1* | Ao | 2 | 0,2 | 9437b |
| 100 | 3408 | 0.2 | − 0 2 | 10.0 | *10.0* | Ao | 3 | .. | 38110b |



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## 165300 — 18h 0m.2

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3442 | 0.2 | − 1 16 | 10.0 | *11.2* | K5 | 1 | .. | 38110b |
| 2 | 4848 | 0.2 | −21 28 | 9.1 | 8.9 | B8 | 4 | .. | 40711b |
| 3 | 12804 | 0.2 | −26 12 | 8.9 | 8.9 | F5 | 5 | .. | 40711b |
| 4 | 12398 | 0.2 | −27 45 | 11.4 | 9.8 | B8 | 2 | .. | 17092b |
| 5 | 15235 | 0.2 | −30 51 | 9.5 | 9.2 | A3 | 3 | .. | 17092b |
| 6 | 8699 | 0.2 | −54 8 | *9.7* | 10.3 | Go | 1 | .. | 37621b |
| 7 | 4302 | 0.2 | −63 0 | *9.4* | 9.5 | A5 | 1 | .. | 20144b |
| 8 | 948 | 0.2 | −79 55 | *8.9* | 9.7 | G5 | 3 | .. | 19008b |
| 9 | 621 | 0.3 | +78 41 | 7.45 | *7.79* | F2 | 4 | .. | 37240i |
| 10 | 2721 | 0.3 | +49 57 | 8.57 | *9.57* | Ko | 1 | .. | 38778i |
| 11 | 3270 | 0.3 | +40 31 | 8.4 | *8.8* | F5 | 2 | .. | 37844i |
| 12 | 3141 | 0.3 | +35 9 | 8.32 | *9.32* | Ko | 2 | .. | 37871i |
| 13 | 3599 | 0.3 | + 5 48 | 8.5 | *8.6* | A2 | 7 | 0,7- | 14148b |
| 14 | 3850 | 0.3 | + 0 55 | 9.7 | *10.3* | Go | 3 | .. | 38110b |
| 15 | 3443 | 0.3 | − 1 43 | 9.7 | *9.8* | A2 | 3 | .. | 38110b |
| 16 | 3444 | 0.3 | − 1 57 | 8.47 | *9.47* | Ko | 5 | .. | 38110b |
| 17 | 4567 | 0.3 | − 5 37 | 8.9 | *8.9* | Ao | 3 | .. | 38110b |
| 18 | 4649 | 0.3 | − 9 16 | 8.1 | *8.1* | B8 | 6 | .. | 40602b |
| 19 | 4880 | 0.3 | −14 12 | 8.1 | *7.9* | Bo | 6 | .. | 40332b |
| 20 | 4559 | 0.3 | −22 44 | 9.7 | 9.1 | B | 3 | R | 40711b |
| 21 | 13893 | 0.3 | −24 10 | 9.5 | 8.9 | B9 | 6 | .. | 40711b |
| 22 | 12715 | 0.3 | −25 29 | 8.7 | 9.5 | Ko | 3 | .. | 40711b |
| 23 | 12805 | 0.3 | −26 2 | 10.9 | 9.8 | Ao | 2 | 0,1 | 40711b |
| 24 | 14143 | 0.3 | −28 33 | 8.7 | 8.3 | Ko | 5 | .. | 17092b |
| 25 | 14492 | 0.3 | −29 6 | 10.2 | 10.0 | Go | 1 | .. | 17092b |
| 26 | 15103 | 0.3 | −31 45 | 8.3 | 9.2 | K5 | 4 | .. | 40724b |
| 27 | 12264 | 0.3 | −35 49 | 9.3 | 9.5 | K2 | 1 | .. | 20081b |
| 28 | 12223 | 0.3 | −36 37 | 8.6 | 8.0 | Ao | 5 | .. | 20081b |
| 29 | 12187 | 0.3 | −37 46 | 7.9 | 10.1 | K5 | 1 | .. | 20081b |
| 30 | 12162 | 0.3 | −40 32 | 9.5 | 9.9 | G5 | 2 | .. | 21880b |
| 31 | 12159 | 0.3 | −40 56 | 9.5 | 10.2 | K2 | 2 | .. | 21880b |
| 32 | 12283 | 0.3 | −43 2 | 10.1 | 10.4 | Fo | 2 | .. | 21880b |
| 33 | 11943 | 0.3 | −49 50 | 9.66 | 9.8 | Ao | 2 | .. | 19962b |
| 34 | 11371 | 0.3 | −51 30 | 11.0 | 10.4 | F8 | 2 | .. | 37621b |
| 35 | 3611 | 0.3 | −65 44 | *8.3* | 9.5 | K5 | 2 | .. | 41598b |
| 36 | 2263 | 0.3 | −71 3 | *9.0* | 9.8 | G5 | 2 | .. | 21336b |
| 37 | 1287 | 0.3 | −77 33 | *8.7* | 9.7 | Ko | 1 | .. | 19008b |
| 38 | 573 | 0.3 | −84 25 | 6.54 | 6.2 | Ao | 8 | 1,10 | 43414b |
| 39 | 3142 | 0.4 | +35 59 | 7.58 | *8.36* | G5 | 2 | .. | 37871i |
| 40 | 3619 | 0.4 | + 6 44 | 8.7 | *9.8* | K2 | 2 | .. | 9437b |
| 41 | 3482 | 0.4 | + 2 31 | 4.07 | *5.07* | Ko | .. | 0,R | 2800c |
| 42 | 3583 | 0.4 | + 1 8 | 9.21 | *10.39* | K5 | 2 | .. | 38110b |
| 43 | 3411 | 0.4 | − 0 1 | 8.33 | *8.28* | B8 | 6 | .. | 38110b |
| 44 | 4394 | 0.4 | − 4 33 | 8.80 | *8.86* | A2 | 6 | .. | 38110b |
| 45 | 13908 | 0.4 | −23 57 | 8.3 | 9.5 | Ko | 5 | .. | 40711b |
| 46 | 12403 | 0.4 | −27 53 | 10.9 | 9.5 | Ao | 3 | .. | 17092b |
| 47 | 14500 | 0.4 | −29 2 | 8.1 | 8.5 | Ao | 6 | .. | 17092b |
| 48 | 15241 | 0.4 | −30 44 | 10.2 | 9.5 | Ko | 3 | .. | 17092b |
| 49 | 12191 | 0.4 | −37 50 | 8.7 | 10.3 | K5 | 1 | .. | 20081b |
| 50 | 12484 | 0.4 | −38 59 | 8.4 | 9.3 | Ma | 3 | 0,2 | 21880b |
| 51 | 12285 | 0.4 | −43 24 | 7.6 | 8.6 | Ko | 7 | .. | 17085b |
| 52 | 12344 | 0.4 | −44 50 | 9.7 | 10.1 | Go | 3 | .. | 17085b |
| 53 | 12294 | 0.4 | −48 52 | 9.9 | 9.9 | Go | 1 | .. | 19962b |
| 54 | 11945 | 0.4 | −49 57 | 9.00 | 9.2 | A5 | 4 | .. | 19962b |
| 55 | 8949 | 0.4 | −53 22 | *9.5* | 10.5 | Ko | 1 | .. | 37621b |
| 56 | 7002 | 0.4 | −60 23 | 9.2 | 10.9 | K5 | 1 | .. | 42469b |
| 57 | 2502 | 0.4 | −70 20 | *8.9* | 9.5 | Go | 4 | 5,2 | 21336b |
| 58 | 2627 | 0.5 | +48 28 | 6.06 | *6.06* | Ao | 9 | .. | 38778i |
| 59 | 3550 | 0.5 | + 7 22 | 8.9 | *9.4* | F8 | 2 | .. | 9437b |
| 60 | 4556 | 0.5 | − 8 7 | 6.97 | *7.47* | F8 | 9 | .. | 40602b |
| 61 | 4916 | 0.5 | −12 22 | 8.5 | *8.9* | F5 | 3 | .. | 40332b |
| 62 | 4881 | 0.5 | −14 8 | 9.7 | *9.8* | A2 | 2 | .. | 40332b |
| 63 | 4838 | 0.5 | −19 34 | 9.4 | 8.5 | A2 | 3 | .. | 38062b |
| 64 | 12718 | 0.5 | −25 59 | 11.4 | 10.7 | K2 | 1 | .. | 17092b |
| 65 | 14144 | 0.5 | −28 23 | 7.9 | 7.2 | Ao | 5 | .. | 13838b |
| 66 | 14145 | 0.5 | −28 39 | 11.8 | 10.3 | Ao | 1 | .. | 17092b |
| 67 | 12230 | 0.5 | −36 21 | 10.6 | 10.5 | Ko | 1 | .. | 20081b |
| 68 | 12486 | 0.5 | −38 13 | 8.3 | 9.3 | Ma | 2 | .. | 20081b |
| 69 | 12345 | 0.5 | −44 55 | 9.41 | 10.6 | K5 | 1 | .. | 17085b |
| 70 | 12201 | 0.5 | −45 41 | 9.9 | 10.1 | Go | 3 | .. | 17085b |
| 71 | 2649 | 0.6 | +45 57 | 8.6 | *9.2* | G | 2 | .. | 37844i |
| 72 | 3272 | 0.6 | +40 50 | 7.8 | *9.0* | K5 | 1 | .. | 37844i |
| 73 | 3254 | 0.6 | +23 56 | 6.25 | *6.53* | Fo | 7 | 0,8 | 37806i |
| 74 | 3356 | 0.6 | +16 55 | 7.22 | *8.57* | Ma | 4 | .. | 37959i |
| 75 | 3445 | 0.6 | − 1 6 | 9.2 | *9.8* | Go | 3 | .. | 38110b |
| 76 | 3446 | 0.6 | − 1 28 | 8.7 | *8.7* | B9 | 6 | .. | 38110b |
| 77 | 4547 | 0.6 | − 2 27 | 9.7 | *9.8* | A2 | 3 | .. | 38110b |
| 78 | 4532 | 0.6 | −11 20 | 9.4 | *9.4* | Ao | 2 | .. | 40332b |
| 79 | 4918 | 0.6 | −12 38 | 8.5 | *9.0* | F8 | 5 | .. | 40332b |
| 80 | 4986 | 0.6 | −20 22 | 9.4 | 9.4 | Ao | 2 | .. | 38062b |
| 81 | 4987 | 0.6 | −20 28 | 9.2 | 8.9 | B8 | 5 | 0,4 | 40711b |
| 82 | 12809 | 0.6 | −26 45 | 10.2 | 9.5 | B9 | 3 | .. | 17092b |
| 83 | 14502 | 0.6 | −29 5 | 7.9 | 7.9 | B9 | 8 | .. | 17092b |
| 84 | 12234 | 0.6 | −36 14 | 8.4 | 8.9 | Ko | 4 | .. | 20081b |
| 85 | 12233 | 0.6 | −36 52 | 8.3 | 8.4 | F8 | 4 | .. | 20081b |
| 86 | 12194 | 0.6 | −37 32 | 9.0 | 8.9 | B9 | 4 | .. | 20081b |
| 87 | 12241 | 0.6 | −39 46 | 11.3 | 9.3 | Ao | 3 | .. | 21880b |
| 88 | 12169 | 0.6 | −40 6 | 9.3 | 9.0 | A2 | 7 | .. | 21880b |
| 89 | 12426 | 0.6 | −41 19 | 9.9 | 9.6 | Ao | 4 | .. | 21880b |
| 90 | 12897 | 0.6 | −42 59 | 10.3 | 9.6 | Ao | 2 | .. | 21880b |
| 91 | 12287 | 0.6 | −43 52 | 11.6 | 10.6 | Ao | 1 | .. | 17085b |
| 92 | 12124 | 0.6 | −46 20 | 10.6 | 10.4 | Go | 1 | .. | 19962b |
| 93 | 12070 | 0.6 | −47 57 | 8.4 | 8.4 | Ao | 9 | .. | 19938b |
| 94 | 8702 | 0.6 | −54 11 | *9.5* | 10.3 | G5 | 2 | .. | 37621b |
| 95 | 8891 | 0.6 | −57 48 | 7.8 | 9.2 | K2 | 4 | .. | 17453b |
| 96 | 1670 | 0.6 | −74 14 | *9.1* | 9.2 | A2 | 3 | .. | 21336b |
| 97 | 2512 | 0.7 | +50 4 | 8.67 | *9.17* | F8 | 2 | .. | 38778i |
| 98 | 2948 | 0.7 | +27 6 | 7.16 | *7.22* | A2 | 5 | .. | 38480i |
| 99 | 3427 | 0.7 | +17 6 | 8.1 | *8.1* | Ao | 3 | .. | 37959i |
| 100 | 3554 | 0.7 | + 9 48 | 9.1 | *10.1* | Ko | 2 | .. | 9437b |



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## 165400 — 18h 0m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3589 | 0.7 | + 4 40 | 6.83 | *7.39* | Go | 7 | 0,4 | 37811i |
| 2 | 4558 | 0.7 | − 8 20 | 5.79 | *5.74* | B8 | .. | .. | 56,95 |
| 3 | 4919 | 0.7 | −12 50 | 8.9 | *9.4* | F8 | 3 | .. | 40332b |
| 4 | 4882 | 0.7 | −14 8 | 9.2 | *9.2* | Ao | 1 | .. | 40332b |
| 5 | 4841 | 0.7 | −19 5 | 9.1 | 9.1 | Go | 4 | 2,4 | 24169b |
| 6 | 4840 | 0.7 | −19 14 | 9.9 | 9.7 | A2 | 2 | .. | 38062b |
| 7 | 4561 | 0.7 | −22 28 | 8.7 | 8.5 | Kop | 5 | R | 40335b |
| 8 | 12723 | 0.7 | −25 54 | 10.9 | 9.3 | Ao | 3 | 0,2 | 40711b |
| 9 | 12811 | 0.7 | −26 18 | 10.7 | 9.8 | Go | 1 | .. | 17092b |
| 10 | 12409 | 0.7 | −27 30 | 10.4 | 9.2 | B5 | 3 | .. | 17092b |
| 11 | 12235 | 0.7 | −36 9 | 8.4 | 9.8 | K5 | 1 | .. | 20081b |
| 12 | 12243 | 0.7 | −39 31 | 9.0 | 8.7 | Ko | 7 | .. | 21880b |
| 13 | 12242 | 0.7 | −39 56 | 7.88 | 9.0 | Ma | 6 | .. | 21880b |
| 14 | 11948 | 0.7 | −49 34 | 9.3 | 9.8 | F5 | 3 | .. | 19962b |
| 15 | 8617 | 0.7 | −56 21 | *9.9* | 10.0 | A5 | 3 | .. | 37621b |
| 16 | 1289 | 0.7 | −77 6 | *7.5* | 7.5 | Ao | 9 | .. | 19008b |
| 17 | 3354 | 0.8 | +15 39 | 7.7 | *8.9* | K5 | 3 | .. | 37959i |
| 18 | 3381 | 0.8 | +10 27 | 8.9 | *10.1* | K5 | 1 | .. | 9437b |
| 19 | 3585 | 0.8 | + 1 59 | 7.7 | *8.8* | K2 | 6 | 0,4 | 13401b |
| 20 | 5022 | 0.8 | −17 53 | 9.9 | *10.9* | Ko | 1 | .. | 38062b |
| 21 | 4789 | 0.8 | −18 59 | 7.83 | *7.83* | Ao | 7 | .. | 24169b |
| 22 | 4852 | 0.8 | −21 4 | 9.1 | *9.2* | A5 | 3 | .. | 38062b |
| 23 | 4562 | 0.8 | −22 3 | 8.6 | 9.1 | K5 | 4 | .. | 40711b |
| 24 | 12812 | 0.8 | −26 7 | 9.5 | 8.9 | B5 | 5 | 3,5 R | 17092b |
| 25 | 12411 | 0.8 | −27 0 | 11.6 | 10.0 | A2 | 2 | .. | 17092b |
| 26 | 12412 | 0.8 | −27 6 | 9.5 | 8.9 | F8 | 4 | .. | 17092b |
| 27 | 12270 | 0.8 | −35 0 | 8.38 | 9.3 | K5 | 3 | .. | 38804b |
| 28 | 12491 | 0.8 | −38 52 | 8.6 | 8.4 | B9 | 6 | .. | 20081b |
| 29 | 12245 | 0.8 | −39 37 | 9.3 | 9.3 | F5 | 4 | .. | 21880b |
| 30 | 12289 | 0.8 | −43 44 | Cl. | Cl. | Con. | 6 | R | 17085b |
| 31 | 12210 | 0.8 | −45 27 | 11.0 | 9.8 | A2 | 4 | .. | 17085b |
| 32 | 12206 | 0.8 | −45 56 | 10.1 | 10.7 | Ko | 1 | .. | 17085b |
| 33 | 7003 | 0.8 | −60 54 | *9.3* | 9.3 | A | 1 | .. | 42484b |
| 34 | 3310 | 0.9 | +39 29 | 7.46 | *7.46* | Ao | 4 | 0,4 | 37871i |
| 35 | 3267 | 0.9 | +22 54 | 7.30 | *7.64* | F2 | 5 | 2,6 | 38784i |
| 36 | 3358 | 0.9 | +16 23 | 8.7 | *8.7* | Ao | 3 | .. | 37959i |
| 37 | 3412 | 0.9 | − 0 21 | 8.9 | *8.9* | Ao | 4 | .. | 38110b |
| 38 | 4395 | 0.9 | − 4 46 | 5.90 | *6.90* | Ko | 7 | .. | 44163b |
| 39 | 4708 | 0.9 | − 6 44 | 9.2 | *9.3* | A2 | 3 | .. | 40602b |
| 40 | 4534 | 0.9 | −11 57 | 9.1 | *9.2* | A2 | 1 | .. | 40332b |
| 41 | 4885 | 0.9 | −14 44 | 9.1 | *10.3* | K5 | 1 | .. | 40332b |
| 42 | 4884 | 0.9 | −14 58 | 7.81 | *8.09* | Fo | 6 | .. | 40332b |
| 43 | 4707 | 0.9 | −16 56 | 9.4 | *10.5* | K2 | 3 | 3,1 | 24169b |
| 44 | 4791 | 0.9 | −18 6 | 9.4 | *10.5* | K2 | 1 | .. | 38062b |
| 45 | 4790 | 0.9 | −18 49 | 9.1 | *9.7* | Go | 3 | 0,3 | 24169b |
| 46 | 4853 | 0.9 | −21 31 | 8.3 | 8.5 | F2 | 7 | .. | 40711b |
| 47 | 13903 | 0.9 | −24 20 | 10.0 | 9.2 | Ao | 4 | .. | 40711b |
| 48 | 15250 | 0.9 | −30 19 | 10.7 | 10.0 | B9 | 2 | .. | 17092b |
| 49 | 15251 | 0.9 | −30 40 | 9.5 | 8.9 | B9 | 5 | .. | 17092b |
| 50 | 12246 | 0.9 | −39 8 | 10.6 | 9.9 | A2 | 2 | .. | 21880b |
| 51 | 12171 | 0.9 | −40 29 | 8.3 | 9.6 | Ko | 4 | .. | 21880b |
| 52 | 12905 | 0.9 | −42 58 | 10.1 | 10.3 | G5 | 1 | .. | 21880b |
| 53 | 12351 | 0.9 | −44 34 | 10.3 | 10.7 | K5 | 1 | .. | 17085b |
| 54 | 12212 | 0.9 | −45 9 | 9.62 | 9.8 | F8 | 3 | .. | 17085b |
| 55 | 12129 | 0.9 | −46 24 | 9.5 | 9.8 | Go | 1 | .. | 19962b |
| 56 | 12130 | 0.9 | −46 28 | 9.5 | 9.8 | G5 | 2 | .. | 19962b |
| 57 | 1671 | 0.9 | −74 20 | *8.2* | 8.2 | Ao | 8 | .. | 21336b |
| 58 | 1232 | 0.9 | −76 41 | *8.0* | 8.3 | F2 | 8 | .. | 19008b |
| 59 | 1781 | 1.0 | +58 38 | 6.67 | *6.73* | A2 | 8 | .. | 38505i |
| 60 | 2134 | 1.0 | +52 51 | 8.0 | *8.6* | Go | 2 | .. | 38778i |
| 61 | 3043 | 1.0 | +32 36 | 8.6 | *9.6* | Ko | 1 | .. | 37871i |
| 62 | 3414 | 1.0 | − 0 27 | 6.52 | *7.30* | G5 | 5 | 5,9 | 38464i |
| 63 | 4565 | 1.0 | −22 24 | 10.8 | 10.0 | Ao | 1 | R | 40335b |
| 64 | | 1.0 | −22 24 | | 10.0 | Ao | 2 | | |
| 65 | 12817 | 1.0 | −26 14 | 9.5 | 9.8 | B9 | 3 | 0,3 | 40711b |
| 66 | 14514 | 1.0 | −29 4 | 10.2 | 9.7 | B8 | 2 | .. | 17092b |
| 67 | 15253 | 1.0 | −30 11 | 9.3 | 9.2 | Ao | 5 | .. | 17092b |
| 68 | 12274 | 1.0 | −35 24 | 8.9 | 9.2 | F5 | 3 | R | 38804b |
| 69 | | 1.0 | −35 24 | | | A3 | | | |
| 70 | 12492 | 1.0 | −38 35 | 7.9 | 7.4 | B8 | 9 | .. | 20081b |
| 71 | 11950 | 1.0 | −49 21 | 7.4 | 8.1 | F5 | 8 | .. | 19938b |
| 72 | 727 | 1.0 | −82 57 | *9.2* | 10.4 | K5 | 2 | 0,2 | 43458b |
| 73 | 3180 | 1.1 | +29 4 | 7.6 | *8.6* | Ko | 4 | .. | 38480i |
| 74 | 3382 | 1.1 | +12 0 | 7.41 | *7.41* | Ao | 8 | R | 37959i |
| 75 | 3383 | 1.1 | +12 0 | 7.05 | *7.05* | | | | |
| 76 | 3553 | 1.1 | + 7 5 | 7.7 | *8.5* | G5 | 4 | .. | 37811i |
| 77 | 3594 | 1.1 | + 4 33 | 8.5 | *8.5* | Ao | 2 | .. | 37811i |
| 78 | 3587 | 1.1 | + 1 8 | 8.71 | *8.99* | Fo | 5 | 0,5- | 13401b |
| 79 | 4611 | 1.1 | −10 18 | 8.9 | *9.5* | Go | 3 | .. | 40602b |
| 80 | 4612 | 1.1 | −10 48 | 8.9 | *10.1* | K5 | 1 | .. | 40332b |
| 81 | 4842 | 1.1 | −19 23 | 9.4 | 9.2 | Go | 3 | .. | 38062b |
| 82 | 4566 | 1.1 | −22 42 | 10.6 | 9.9 | Ao | 2 | .. | 40711b |
| 83 | 13912 | 1.1 | −24 17 | 9.7 | 9.8 | Ko | 2 | .. | 40711b |
| 84 | 12819 | 1.1 | −26 8 | 10.2 | 9.2 | B8 | 4 | 0,3 | 40711b |
| 85 | 12818 | 1.1 | −26 24 | 10.0 | 10.0 | G5 | 1 | .. | 17092b |
| 86 | 14161 | 1.1 | −28 44 | 11.2 | 10.4 | F2 | 1 | .. | 17092b |
| 87 | 14516 | 1.1 | −29 29 | 8.9 | 9.4 | K2 | 4 | .. | 17092b |
| 88 | 15256 | 1.1 | −30 30 | 9.5 | 10.6 | K5 | 1 | .. | 17092b |
| 89 | 15119 | 1.1 | −31 40 | 8.7 | 9.7 | K2 | 1 | .. | 40724b |
| 90 | 12486 | 1.1 | −34 15 | 8.3 | 8.9 | Ko | 5 | .. | 40724b |
| 91 | 12177 | 1.1 | −40 4 | 8.73 | 8.7 | F2 | 7 | .. | 21880b |
| 92 | 12435 | 1.1 | −41 37 | 10.6 | 9.6 | Ao | 3 | .. | 21880b |
| 93 | 12215 | 1.1 | −45 47 | 6.42 | 6.6 | B8 | .. | .. | 28,212 |
| 94 | 12133 | 1.1 | −46 32 | 9.2 | 9.8 | G5 | 3 | .. | 19962b |
| 95 | 11741 | 1.1 | −50 22 | 8.3 | 10.1 | K5 | 2 | .. | 37621b |
| 96 | 8955 | 1.1 | −53 50 | 8.8 | 9.1 | A5 | 6 | .. | 37621b |
| 97 | 7231 | 1.1 | −59 3 | 6.42 | 8.3 | K5 | 9 | .. | 17453b |
| 98 | 7230 | 1.1 | −59 54 | 8.8 | 8.9 | A3 | 3 | .. | 20144b |
| 99 | 5797 | 1.1 | −62 1 | 5.48 | 6.2 | Go | .. | R | 56,141 |
| 100 | 864 | 1.2 | +71 37 | 8.1 | *9.2* | K2 | 4 | .. | 38095i |



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1922AnHar..97....1C



## 165500 — 18h 1m.2

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 2060 | 1.2 | +56 25 | 8.1 | *8.1* | Ao | 6 | .. | 38015i |
| 2 | 2061 | 1.2 | +56 23 | 7.07 | *7.21* | A5 | 5 | .. | 38051i |
| 3 | 2995 | 1.2 | +42 6 | 7.8 | *8.1* | Fo | 5 | .. | 37844i |
| 4 | 3019 | 1.2 | +33 16 | 7.64 | *8.20* | Go | 3 | .. | 37871i |
| 5 | 2951 | 1.2 | +27 32 | 7.9 | *7.9* | Ao | 3 | .. | 38480i |
| 6 | 3257 | 1.2 | +23 43 | 8.8 | *9.3* | F8 | 4 | .. | 37806i |
| 7 | 3545 | 1.2 | +18 27 | 8.5 | *8.5* | Ao | 3 | .. | 37959i |
| 8 | 3514 | 1.2 | +13 28 | 8.5 | *9.5* | Ko | 1 | .. | 37959i |
| 9 | 3385 | 1.2 | +10 26 | 9.0 | *10.0* | Ko | 1 | .. | 9437b |
| 10 | 3588 | 1.2 | + 3 24 | 9.7 | *11.1* | Mb | .. | .. | M |
| 11 | 3589 | 1.2 | + 1 34 | 7.9 | *7.9* | Ao | 5 | 0,3 | 37811i |
| 12 | 3448 | 1.2 | − 1 10 | 8.9 | *9.0* | A3 | 5 | .. | 38110b |
| 13 | 4709 | 1.2 | − 6 43 | 9.4 | *9.9* | F8 | 1 | .. | 40602b |
| 14 | .. | 1.2 | − 8 13 | .. | .. | Ao | 1 | .. | 38112b |
| 15 | 4535 | 1.2 | −11 29 | 8.7 | *9.1* | F5 | 4 | .. | 40332b |
| 16 | 4855 | 1.2 | −21 27 | 6.22 | 5.5 | B1 | 7 | .. | 44641b |
| 17 | 12744 | 1.2 | −25 7 | 8.55 | 8.6 | B | 3 | R | 39280b |
| 18 | 15257 | 1.2 | −30 35 | 11.2 | 10.3 | Ao | 1 | .. | 17092b |
| 19 | 12279 | 1.2 | −35 2 | 8.44 | 8.3 | B8 | 5 | .. | 38804b |
| 20 | 12497 | 1.2 | −38 32 | 10.6 | 9.6 | A3 | 2 | .. | 20081b |
| 21 | 2503 | 1.2 | −70 16 | *8.7* | 9.7 | Ko | 2 | 0,1 | 21336b |
| 22 | 1233 | 1.3 | +65 57 | 7.64 | *8.06* | F5 | 3 | .. | 38505i |
| 23 | 2416 | 1.3 | +46 26 | 7.98 | *8.76* | G5 | 3 | .. | 37844i |
| 24 | 3300 | 1.3 | +21 38 | 6.43 | *7.43* | Ko | 7 | .. | 37806i |
| 25 | 3487 | 1.3 | + 2 35 | 10.4 | *10.4* | Ao | 2 | .. | 13401b |
| 26 | 3449 | 1.3 | − 1 3 | 9.2 | *9.5* | Fo | 4 | .. | 38110b |
| 27 | 4236 | 1.3 | − 3 3 | 9.2 | *10.0* | G5 | 3 | .. | 38110b |
| 28 | 4794 | 1.3 | −18 55 | 9.4 | *10.4* | Ko | 2 | 5,1 R | 24169b |
| 29 | *4857* | 1.3 | −22 0 | 10.1 | 9.2 | B8 | 3 | .. | 40711b |
| 30 | 12748 | 1.3 | −25 35 | 8.7 | 8.6 | Go | 2 | .. | 40711b |
| 31 | 14520 | 1.3 | −29 27 | 8.3 | 9.7 | Mb | 3 | .. | 17092b |
| 32 | 12851 | 1.3 | −33 15 | 10.1 | 9.7 | Ao | 2 | .. | 40724b |
| 33 | 12247 | 1.3 | −36 14 | 11.0 | 9.2 | Ao | 1 | .. | 20081b |
| 34 | 12179 | 1.3 | −40 47 | 10.3 | 9.1 | B8 | 5 | .. | 21880b |
| 35 | 12439 | 1.3 | −41 13 | 9.9 | 9.9 | Go | 2 | .. | 21880b |
| 36 | 12218 | 1.3 | −45 32 | 9.0 | 9.6 | K2 | 4 | .. | 17085b |
| 37 | 8959 | 1.3 | −53 4 | 8.9 | 9.1 | F8 | 5 | .. | 37621b |
| 38 | 7345 | 1.3 | −58 59 | 8.5 | 8.6 | F8 | 5 | .. | 17453b |
| 39 | 3822 | 1.3 | −64 32 | *8.8* | 8.9 | A2 | 4 | .. | 20144b |
| 40 | 3008 | 1.4 | +37 50 | 7.8 | *8.6* | G5 | 2 | .. | 37828i |
| 41 | 3599 | 1.4 | + 4 28 | 9.2 | *9.3* | A3 | 3 | .. | 13401b |
| 42 | 3597 | 1.4 | + 4 15 | 8.9 | *10.1* | K5 | 1 | .. | 13401b |
| 43 | 3596 | 1.4 | + 4 6 | 9.4 | *10.6* | K5 | 1 | .. | 13401b |
| 44 | 3589 | 1.4 | + 3 4 | 9.7 | *9.8* | A2 | 2 | .. | 13401b |
| 45 | 4571 | 1.4 | − 5 5 | 9.80 | *10.36* | Go | 1 | .. | 38110b |
| 46 | 4852 | 1.4 | −13 15 | 8.5 | *8.5* | Ao | 6 | .. | 40332b |
| 47 | 4888 | 1.4 | −14 7 | 9.9 | *9.9* | Ao | 1 | .. | 40332b |
| 48 | 4887 | 1.4 | −14 24 | 9.2 | *9.8* | Gop | 2 | R | 39359b |
| 49 | 4819 | 1.4 | −15 40 | 9.2 | *9.5* | Fo | 4 | .. | 24169b |
| 50 | 4711 | 1.4 | −16 40 | 9.4 | *9.8* | F5 | 5 | .. | 24169b |
| 51 | 5025 | 1.4 | −17 4 | 10.3 | *10.6* | F | 1 | .. | 39400b |
| 52 | 4846 | 1.4 | −19 18 | 9.7 | 9.4 | Go | 2 | .. | 38062b |
| 53 | 4858 | 1.4 | −21 12 | 8.3 | 8.8 | G5 | 4 | .. | 40711b |
| 54 | 13932 | 1.4 | −23 20 | 9.5 | 8.9 | F5 | 3 | .. | 40711b |
| 55 | 12749 | 1.4 | −25 37 | 8.7 | 8.0 | B9 | 5 | .. | 40711b |
| 56 | 12825 | 1.4 | −26 42 | 9.0 | 9.0 | Ao | 4 | .. | 40711b |
| 57 | 15124 | 1.4 | −31 39 | 10.4 | 10.0 | B9 | 1 | .. | 40724b |
| 58 | 13768 | 1.4 | −32 54 | 8.4 | 9.2 | K5 | 3 | .. | 40724b |
| 59 | 12285 | 1.4 | −35 27 | 9.3 | 9.2 | A3 | 3 | .. | 38804b |
| 60 | 12297 | 1.4 | −43 9 | 10.1 | 10.3 | F8 | 2 | .. | 21880b |
| 61 | 11011 | 1.4 | −52 54 | 8.9 | 10.1 | K5 | 2 | .. | 37621b |
| 62 | 8628 | 1.4 | −56 25 | 8.9 | 9.4 | A3 | 3 | .. | 17453b |
| 63 | 7005 | 1.4 | −60 28 | *9.8* | 9.8 | Ao | 2 | .. | 42469b |
| 64 | 2268 | 1.4 | −71 35 | *8.7* | 9.7 | Ko | 2 | .. | 21336b |
| 65 | 1802 | 1.5 | +60 36 | 8.7 | *9.7* | Ko | 1 | .. | 38505i |
| 66 | 2996 | 1.5 | +42 51 | 7.49 | *8.49* | Ko | 5 | .. | 37844i |
| 67 | 3276 | 1.5 | +40 5 | 6.48 | *6.90* | F5 | 6 | 0,8 | 37871i |
| 68 | 3115 | 1.5 | +34 28 | 8.6 | *8.7* | A3 | 3 | .. | 37871i |
| 69 | 3301 | 1.5 | +21 26 | 7.7 | *8.0* | Fo | 5 | .. | 37806i |
| 70 | 3659 | 1.5 | +20 46 | 8.0 | *8.3* | Fo | 4 | .. | 38784i |
| 71 | 3386 | 1.5 | +10 24 | 9.1 | *9.1* | B9 | 2 | .. | 9437b |
| 72 | 3578 | 1.5 | + 8 4 | 9.1 | *9.2* | A2 | 3 | .. | 9437b |
| 73 | 3591 | 1.5 | + 3 31 | 10.4 | *10.5* | A2 | 1 | .. | 13401b |
| 74 | 3489 | 1.5 | + 2 40 | 9.1 | *10.1* | Ko | 1 | .. | 13401b |
| 75 | 4548 | 1.5 | − 2 24 | 10.1 | *10.2* | A3 | 2 | .. | 38110b |
| 76 | 4821 | 1.5 | −15 34 | 9.2 | *9.2* | B8 | 4 | .. | 24169b |
| 77 | 4995 | 1.5 | −20 21 | 9.7 | 9.5 | Ao | 3 | 0,2 | 40711b |
| 78 | 4859 | 1.5 | −21 40 | 10.1 | 9.5 | B8 | 2 | .. | 40711b |
| 79 | 12433 | 1.5 | −27 13 | 10.7 | 9.5 | Ao | 2 | .. | 17092b |
| 80 | 14524 | 1.5 | −29 35 | 10.7 | 9.7 | B8 | 3 | .. | 17092b |
| 81 | 14526 | 1.5 | −29 44 | 8.7 | 8.2 | A3 | 7 | .. | 17092b |
| 82 | 12498 | 1.5 | −34 35 | 9.3 | 9.2 | B3 | 3 | .. | 40724b |
| 83 | 12444 | 1.5 | −41 57 | 7.3 | 7.9 | Ao | 8 | .. | 19911b |
| 84 | 12073 | 1.5 | −47 15 | 9.1 | 9.5 | Go | 4 | .. | 17085b |
| 85 | 11382 | 1.5 | −51 5 | 8.5 | 9.8 | K2 | 3 | .. | 37621b |
| 86 | 7232 | 1.5 | −59 19 | 8.3 | 9.8 | K2 | 4 | 3,1 | 42469b |
| 87 | 972 | 1.6 | +68 36 | 7.8 | *9.0* | K5 | 1 | .. | 38095i |
| 88 | 1239 | 1.6 | +64 26 | 8.7 | *9.7* | Ko | 1 | .. | 38505i |
| 89 | 2914 | 1.6 | +28 41 | 7.8 | *8.9* | K2 | 3 | .. | 38480i |
| 90 | 3302 | 1.6 | +21 26 | 6.92 | *7.48* | Go | 5 | .. | 37806i |
| 91 | 3490 | 1.6 | + 2 2 | 9.4 | *9.5* | A2 | 1 | .. | 13401b |
| 92 | 3593 | 1.6 | + 1 35 | 8.9 | *9.9* | Ko | 2 | .. | 13401b |
| 93 | 4996 | 1.6 | −20 26 | 9.7 | 9.7 | Ao | 2 | 2,1 | 40711b |
| 94 | 4571 | 1.6 | −22 5 | 9.2 | 8.8 | G | 3 | .. | 40711b |
| 95 | 4570 | 1.6 | −22 7 | 9.4 | 8.0 | B | 5 | R | 40711b |
| 96 | 13940 | 1.6 | −23 22 | 9.2 | 9.7 | Ko | 2 | .. | 40711b |
| 97 | 12828 | 1.6 | −26 12 | 11.2 | 9.8 | B9 | 2 | .. | 17092b |
| 98 | 15129 | 1.6 | −31 1 | 7.8 | 8.5 | F5 | 6 | .. | 17092b |
| 99 | 12502 | 1.6 | −38 14 | 8.9 | 9.0 | Ko | 4 | .. | 20081b |
| 100 | 12448 | 1.6 | −41 11 | 11.3 | 10.2 | Go | 1 | .. | 21880b |



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1922AnHar..97....1C



## 165600 — 18h 1m.6

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12445 | 1.6 | −41 33 | 8.9 | 9.3 | A2 | 2 | .. | 19911b |
| 2 | 12301 | 1.6 | −43 18 | 10.1 | 10.4 | F5 | 2 | .. | 21880b |
| 3 | 12229 | 1.6 | −45 8 | 8.92 | 9.2 | F8 | 6 | .. | 17085b |
| 4 | 12228 | 1.6 | −45 46 | 10.3 | 10.1 | Ao | 1 | .. | 19962b |
| 5 | 12139 | 1.6 | −46 31 | 9.3 | 9.8 | B9 | 2 | .. | 19962b |
| 6 | 11384 | 1.6 | −51 11 | 9.2 | 9.2 | Ao | 4 | .. | 37621b |
| 7 | 2062 | 1.7 | +56 54 | 7.64 | *8.82* | K5 | 3 | .. | 38015i |
| 8 | 3450 | 1.7 | − 1 16 | 9.4 | *9.4* | B9 | 4 | .. | 38110b |
| 9 | 4549 | 1.7 | − 2 8 | 8.6 | *9.2* | Go | 6 | .. | 38110b |
| 10 | 4237 | 1.7 | − 3 15 | 6.91 | *7.41* | F8 | 10 | .. | 38110b |
| 11 | 4861 | 1.7 | −21 52 | 8.9 | 10.3 | K2 | 3 | .. | 40711b |
| 12 | 4573 | 1.7 | −22 54 | 8.9 | 7.3 | B3 | 7 | .. | 40711b |
| 13 | 13941 | 1.7 | −23 7 | 8.3 | 7.9 | B9 | 7 | .. | 40711b |
| 14 | 12831 | 1.7 | −26 32 | 10.7 | 9.8 | A | 2 | .. | 40711b |
| 15 | 12436 | 1.7 | −27 51 | 11.6 | 10.3 | Fo | 1 | .. | 17092b |
| 16 | 12186 | 1.7 | −40 6 | 9.53 | 9.6 | A2 | 3 | .. | 21880b |
| 17 | 12921 | 1.7 | −42 40 | 7.5 | 7.2 | B8 | 4 | .. | 43860b |
| 18 | 12362 | 1.7 | −44 45 | 10.3 | 10.3 | F5 | 2 | .. | 17085b |
| 19 | 12141 | 1.7 | −46 49 | 11.0 | 10.7 | G5 | 1 | .. | 19962b |
| 20 | 7006 | 1.7 | −60 8 | 8.9 | 9.2 | Ao | 3 | .. | 20144b |
| 21 | 2269 | 1.7 | −71 58 | *9.0* | 10.1 | K2 | 1 | .. | 21336b |
| 22 | 1402 | 1.8 | +63 36 | 8.8 | *8.8* | Ao | 4 | .. | 38505i |
| 23 | 2998 | 1.8 | +42 57 | 7.20 | *7.20* | Ao | 8 | .. | 37844i |
| 24 | 3260 | 1.8 | +23 8 | 8.8 | *9.8* | Ko | 3 | .. | 37806i |
| 25 | 3273 | 1.8 | +22 13 | 5.32 | *6.67* | Ma | 10 | .. | 37806i |
| 26 | 3358 | 1.8 | +15 34 | 8.5 | *9.5* | Ko | 3 | .. | 37959i |
| 27 | 3386 | 1.8 | +12 21 | 7.7 | *8.7* | Ko | 3 | .. | 37959i |
| 28 | 3602 | 1.8 | + 4 0 | 9.1 | *10.2* | K2 | 1 | .. | 13401b |
| 29 | 3417 | 1.8 | − 0 33 | 9.7 | *9.7* | Ao | 4 | .. | 38110b |
| 30 | 4892 | 1.8 | −14 5 | 8.7 | *9.7* | Ko | 3 | .. | 40332b |
| 31 | 4822 | 1.8 | −15 0 | 9.31 | *10.49* | K5 | 2 | .. | 40332b |
| 32 | 4795 | 1.8 | −18 3 | 8.7 | *9.9* | K5 | 3 | 0,1 | 24169b |
| 33 | 12441 | 1.8 | −27 8 | 10.4 | 9.2 | Ao | 3 | .. | 17092b |
| 34 | 14174 | 1.8 | −28 28 | 4.66 | 5.9 | Ko | .. | .. | 28,213 |
| 35 | 15270 | 1.8 | −30 33 | 10.2 | 10.0 | Ao | 1 | .. | 17092b |
| 36 | 15135 | 1.8 | −31 1 | 10.0 | 9.7 | Ma | 2 | .. | 17092b |
| 37 | 12504 | 1.8 | −34 31 | 8.3 | 8.0 | B8 | 6 | .. | 40724b |
| 38 | 12503 | 1.8 | −34 50 | 8.43 | 9.2 | Ko | 3 | .. | 38804b |
| 39 | 12256 | 1.8 | −36 20 | 9.3 | 8.6 | Ao | 4 | .. | 20081b |
| 40 | 12254 | 1.8 | −36 35 | 10.6 | 9.5 | B9 | 1 | .. | 20081b |
| 41 | 12302 | 1.8 | −43 26 | 10.1 | 10.7 | Ko | 1 | .. | 21880b |
| 42 | 11955 | 1.8 | −49 21 | 11.0 | 9.8 | A2 | 2 | .. | 19962b |
| 43 | 8965 | 1.8 | −53 2 | *9.9* | 10.0 | A2 | 2 | .. | 37621b |
| 44 | 355 | 1.8 | −86 15 | *10.0* | 10.4 | F5 | 2 | .. | 22578b |
| 45 | 2968 | 1.9 | +41 56 | 6.42 | *6.70* | Fo | 9 | 0,8 | 37844i |
| 46 | 3661 | 1.9 | +20 22 | 9.2 | *10.6* | Mb | .. | .. | M |
| 47 | 3624 | 1.9 | + 6 59 | 9.1 | *9.4* | Fo | 1 | .. | 9437b |
| 48 | 3491 | 1.9 | + 2 39 | 9.7 | *10.0* | Fo | 2 | .. | 13401b |
| 49 | 3854 | 1.9 | + 0 3 | 9.4 | *10.5* | K2 | 3 | .. | 38110b |
| 50 | 3418 | 1.9 | − 0 20 | 9.7 | *10.8* | K2 | 2 | .. | 38110b |
| 51 | 3451 | 1.9 | − 1 46 | 8.1 | *8.1* | B9 | 8 | .. | 38110b |
| 52 | 4551 | 1.9 | − 2 3 | 9.4 | *10.0* | Go | 4 | .. | 38110b |
| 53 | 5027 | 1.9 | −17 34 | 10.6 | *10.9* | F2 | 2 | .. | 24169b |
| 54 | 13929 | 1.9 | −24 55 | 10.0 | 9.8 | A | 2 | .. | 40711b |
| 55 | 12769 | 1.9 | −25 22 | 8.7 | 8.0 | B2 | 3 | .. | 44641b |
| 56 | 12444 | 1.9 | −27 20 | 8.7 | 8.0 | B9 | 7 | .. | 17092b |
| 57 | 12445 | 1.9 | −27 45 | 11.2 | 9.5 | Ao | 3 | .. | 17092b |
| 58 | 14531 | 1.9 | −29 6 | 10.9 | 10.0 | Ao | 2 | .. | 17092b |
| 59 | 15274 | 1.9 | −30 29 | 11.4 | 9.7 | Ao | 2 | .. | 17092b |
| 60 | 15139 | 1.9 | −31 13 | 10.7 | 9.7 | A2 | 2 | .. | 17092b |
| 61 | 12509 | 1.9 | −38 51 | 8.3 | 8.8 | Ko | 6 | .. | 21880b |
| 62 | 12265 | 1.9 | −39 30 | 7.8 | 8.7 | Ma | 5 | .. | 21880b |
| 63 | 12187 | 1.9 | −40 34 | 8.9 | 8.7 | Ao | 7 | .. | 21880b |
| 64 | 12190 | 1.9 | −40 47 | 10.6 | 9.9 | F5 | 3 | .. | 21880b |
| 65 | 12230 | 1.9 | −45 19 | 10.3 | 10.1 | Ao | 2 | .. | 17085b |
| 66 | 12307 | 1.9 | −48 42 | 7.9 | 8.4 | Fo | 7 | .. | 19938b |
| 67 | 11013 | 1.9 | −52 43 | *9.4* | 9.9 | F8 | 2 | .. | 37621b |
| 68 | 949 | 1.9 | −79 19 | *9.1* | 10.2 | K2 | 1 | .. | 19008b |
| 69 | 3262 | 2.0 | +23 59 | 8.5 | *8.5* | Ao | 5 | .. | 37806i |
| 70 | 3581 | 2.0 | + 8 52 | 7.7 | *8.1* | F5 | 5 | .. | 37959i |
| 71 | 3580 | 2.0 | + 8 30 | 9.2 | *9.2* | Ao | 3 | .. | 9437b |
| 72 | 3625 | 2.0 | + 6 24 | 7.9 | *8.7* | G5 | 3 | .. | 37811i |
| 73 | 4716 | 2.0 | −16 3 | 9.1 | *10.1* | Ko | 5 | .. | 24169b |
| 74 | 4575 | 2.0 | −22 14 | var. | var. | Ma | 1 | R | 40335b |
| 75 | 13949 | 2.0 | −23 36 | 10.9 | 9.9 | A | 1 | .. | 40711b |
| 76 | 14175 | 2.0 | −28 37 | 11.2 | 10.3 | A3 | 2 | .. | 17092b |
| 77 | 12293 | 2.0 | −35 48 | 10.6 | 9.5 | Ao | 2 | .. | 38804b |
| 78 | 12258 | 2.0 | −36 35 | 9.9 | 8.9 | Ao | 2 | .. | 20081b |
| 79 | 12080 | 2.0 | −47 46 | 9.0 | 8.9 | Ao | 7 | .. | 17085b |
| 80 | 12081 | 2.0 | −47 58 | 10.1 | 10.4 | Ao | 1 | .. | 19962b |
| 81 | 5798 | 2.0 | −62 49 | *9.0* | 9.3 | F2 | 1 | .. | 20144b |
| 82 | 524 | 2.1 | +83 26 | 9.0 | *9.6* | Go | 3 | .. | 37820i |
| 83 | 3047 | 2.1 | +32 14 | 5.92 | *6.92* | Ko | 8 | .. | 37871i |
| 84 | 3327 | 2.1 | +24 25 | 6.94 | *7.94* | Ko | 7 | .. | 37806i |
| 85 | 3341 | 2.1 | +11 36 | 8.9 | *9.9* | Ko | 1 | .. | 9437b |
| 86 | 4652 | 2.1 | − 9 12 | 7.74 | *7.72* | B9 | 8 | .. | 40602b |
| 87 | 5028 | 2.1 | −17 10 | 5.74 | *6.74* | Ko | 7 | .. | 43327b |
| 88 | 4854 | 2.1 | −19 25 | 9.75 | 9.7 | Ob | 3 | .. | 24169b |
| 89 | 4576 | 2.1 | −22 17 | 8.6 | 8.2 | B5 | 8 | .. | 40711b |
| 90 | 13935 | 2.1 | −24 26 | 10.2 | 10.1 | G5 | 2 | .. | 40711b |
| 91 | 12776 | 2.1 | −25 44 | 9.7 | 9.0 | Ko | 3 | .. | 40711b |
| 92 | 14177 | 2.1 | −28 54 | 10.2 | 10.4 | K2 | 1 | .. | 17092b |
| 93 | 15277 | 2.1 | −30 23 | 11.2 | 10.3 | Ko | 1 | .. | 17092b |
| 94 | 15278 | 2.1 | −30 32 | 10.4 | 9.7 | A2 | 2 | .. | 17092b |
| 95 | 15147 | 2.1 | −31 59 | 9.7 | 9.4 | B9 | 4 | .. | 40724b |
| 96 | 12232 | 2.1 | −45 57 | 7.4 | 8.4 | F8 | .. | 3,9 | 28,213 |
| 97 | 12082 | 2.1 | −47 22 | 9.0 | 10.1 | K5 | 2 | .. | 17085b |
| 98 | 11957 | 2.1 | −49 18 | 9.3 | 9.8 | Ko | 1 | .. | 19962b |
| 99 | 11392 | 2.1 | −51 39 | 8.3 | 9.5 | G5 | 5 | .. | 37621b |
| 100 | 2019 | 2.2 | +55 16 | 7.61 | *8.11* | F8 | 5 | .. | 38015i |



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1922AnHar..97....1C



165700 — 18h 2m.2

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3556 | 2.2 | + 7 9 | 9.2 | *9.2* | B9 | 3 | .. | 9437b |
| 2 | 4552 | 2.2 | − 2 31 | 8.5 | *9.1* | Go | 7 | .. | 38110b |
| 3 | 4894 | 2.2 | −14 18 | 8.9 | *10.1* | K5 | 1 | .. | 40332b |
| 4 | 4718 | 2.2 | −10 38 | 9.4 | *9.4* | B9 | 5 | .. | 24169b |
| 5 | 13954 | 2.2 | −23 27 | 10.0 | 9.1 | B9 | 3 | .. | 40711b |
| 6 | 12843 | 2.2 | −20 54 | 10.2 | 10.3 | K | 2 | .. | 17092b |
| 7 | 12451 | 2.2 | −27 31 | 11.2 | 9.5 | Ao | 3 | .. | 17092b |
| 8 | 12450 | 2.2 | −27 40 | 8.1 | 8.6 | Ko | 6 | .. | 17092b |
| 9 | 14181 | 2.2 | −28 14 | 10.7 | 9.5 | B8 | 3 | .. | 17092b |
| 10 | 14540 | 2.2 | −29 4 | 10.7 | 10.0 | A3 | 2 | .. | 17092b |
| 11 | 12252 | 2.2 | −37 41 | 9.9 | 9.6 | Go | 1 | .. | 20081b |
| 12 | 12199 | 2.2 | −40 6 | 9.08 | 10.4 | G5 | 3 | .. | 21880b |
| 13 | 12458 | 2.2 | −42 0 | 9.2 | 8.5 | B8 | 5 | .. | 19911b |
| 14 | 12305 | 2.2 | −43 51 | 9.9 | 10.3 | Go | 2 | .. | 21880b |
| 15 | 12959 | 2.2 | −49 8 | 7.6 | 9.2 | K2 | 4 | .. | 19938b |
| 16 | 653 | 2.2 | −83 10 | *9.3* | 10.5 | K5 | 1 | .. | 43458b |
| 17 | 2635 | 2.3 | +48 8 | 7.8 | *7.9* | A2 | 4 | 0,4 | 38778i |
| 18 | 2652 | 2.3 | +45 41 | 8.06 | *8.06* | Ao | 3 | .. | 37844i |
| 19 | 4895 | 2.3 | −14 17 | 8.3 | *8.4* | A2 | 6 | .. | 40332b |
| 20 | 4825 | 2.3 | −15 50 | 9.7 | *10.9* | K5 | 2 | .. | 24169b |
| 21 | 4826 | 2.3 | −15 59 | 8.7 | *9.1* | F5 | 6 | .. | 24169b |
| 22 | 5002 | 2.3 | −20 52 | 10.1 | 10.4 | Ma | .. | .. | M |
| 23 | 12453 | 2.3 | −27 53 | 7.14 | 8.1 | G5 | 8 | .. | 17092b |
| 24 | 15285 | 2.3 | −30 10 | 8.78 | 8.6 | A2 | 7 | .. | 17092b |
| 25 | 15149 | 2.3 | −31 27 | 10.0 | 9.7 | G5 | 2 | .. | 40724b |
| 26 | 12514 | 2.3 | −34 22 | 10.8 | 9.8 | Ao | 1 | .. | 40724b |
| 27 | 12299 | 2.3 | −35 48 | 9.9 | 9.5 | G5 | 2 | .. | 38804b |
| 28 | 12259 | 2.3 | −36 18 | 8.7 | 8.7 | Go | 4 | .. | 20081b |
| 29 | 12233 | 2.3 | −45 18 | 9.1 | 8.7 | A2 | 7 | .. | 17085b |
| 30 | 12146 | 2.3 | −46 19 | 8.1 | 9.3 | Ko | 6 | .. | 19962b |
| 31 | 12085 | 2.3 | −47 38 | 8.6 | 9.8 | Mb | 2 | 5,1 | 17085b |
| 32 | 12084 | 2.3 | −47 43 | 8.5 | 9.5 | K2 | 3 | .. | 17085b |
| 33 | 12313 | 2.3 | −48 53 | 9.1 | 9.3 | Ao | 4 | .. | 19938b |
| 34 | 7347 | 2.3 | −58 31 | *9.3* | 10.1 | G5 | 2 | .. | 17453b |
| 35 | 7007 | 2.3 | −60 23 | 9.2 | 10.1 | F5 | 2 | .. | 42469b |
| 36 | 1673 | 2.3 | −74 4 | *8.0* | 8.3 | F2 | 7 | .. | 21336b |
| 37 | 847 | 2.3 | −80 16 | 7.30 | 8.8 | K2 | 5 | 0,4 | 43458b |
| 38 | 1804 | 2.4 | +60 8 | 8.11 | *9.29* | K5 | 2 | .. | 38505i |
| 39 | 2306 | 2.4 | +51 52 | 8.3 | *8.7* | F5 | 2 | .. | 38778i |
| 40 | 3000 | 2.4 | +42 28 | 8.5 | *9.3* | G5 | 2 | .. | 37844i |
| 41 | 3626 | 2.4 | + 6 41 | 7.19 | *8.19* | Ko | 4 | .. | 37811i |
| 42 | 3493 | 2.4 | + 2 28 | 6.64 | *7.82* | K5 | 5 | 3,2 | 37811i |
| 43 | 4856 | 2.4 | −13 59 | 10.3 | *10.3* | Ao | 1 | .. | 40332b |
| 44 | 4798 | 2.4 | −18 57 | 9.4 | *9.4* | Ao | 3 | .. | 24169b |
| 45 | 4578 | 2.4 | −22 56 | 10.6 | 9.7 | B9 | 2 | .. | 40711b |
| 46 | 12455 | 2.4 | −27 19 | 9.5 | 9.5 | Ko | 1 | .. | 17092b |
| 47 | 15152 | 2.4 | −31 15 | 10.2 | 9.2 | B9 | 2 | .. | 17092b |
| 48 | 13793 | 2.4 | −32 46 | 10.3 | 9.7 | B9 | 3 | .. | 40724b |
| 49 | 13792 | 2.4 | −32 54 | 9.9 | 9.2 | A5 | 3 | .. | 40724b |
| 50 | 12518 | 2.4 | −38 37 | 7.9 | 8.6 | G5 | 7 | .. | 21880b |
| 51 | 12462 | 2.4 | −41 28 | 11.0 | 10.2 | Ao | 1 | .. | 21880b |
| 52 | 12310 | 2.4 | −43 15 | 9.9 | 9.8 | Ao | 1 | .. | 17085b |
| 53 | 12373 | 2.4 | −44 58 | 7.09 | 8.3 | Ko | 8 | .. | 17085b |
| 54 | 11017 | 2.4 | −52 3 | *9.7* | 9.8 | A2 | 3 | .. | 37621b |
| 55 | 8727 | 2.4 | −54 15 | *9.2* | 10.0 | G5 | 2 | .. | 37621b |
| 56 | 8531 | 2.4 | −55 45 | *10.1* | 10.1 | Ao | 1 | .. | 37621b |
| 57 | 1233 | 2.4 | −76 6 | *9.0* | 9.1 | A2 | 6 | .. | 19008b |
| 58 | *3075* | 2.5 | +39 0 | 7.6 | *7.9* | Fo | 3 | .. | 37844i |
| 59 | 3307 | 2.5 | +21 0 | 8.6 | *9.6* | K | 2 | E | 37806i |
| 60 | 3582 | 2.5 | + 8 43 | 4.73 | *5.51* | G5 | .. | 5,10 | 56,95 |
| 61 | 3627 | 2.5 | + 6 32 | 7.88 | *9.23* | Mb | 2 | .. | 37811i |
| 62 | 4857 | 2.5 | −19 57 | 9.13 | 9.1 | Go | 2 | .. | 38062b |
| 63 | 4864 | 2.5 | −21 16 | 7.82 | 7.7 | Oa | .. | .. | 28,213 |
| 64 | 4865 | 2.5 | −21 39 | 9.7 | 9.7 | Ko | 2 | .. | 40711b |
| 65 | 4579 | 2.5 | −22 44 | 9.9 | 9.1 | B5 | 3 | .. | 40711b |
| 66 | 14185 | 2.5 | −28 46 | 8.0 | 7.7 | F5 | 10 | .. | 17092b |
| 67 | 15290 | 2.5 | −30 0 | 7.00 | 8.2 | G5 | 7 | R | 17092b |
| 68 | | 2.5 | −30 0 | | | A2 | | | |
| 69 | 15288 | 2.5 | −30 38 | 10.2 | 10.8 | Mb | .. | .. | M |
| 70 | 15155 | 2.5 | −31 10 | 7.69 | 7.9 | Ao | 7 | .. | 17092b |
| 71 | 12875 | 2.5 | −33 19 | 8.9 | 9.7 | K2 | 1 | .. | 40724b |
| 72 | 12518 | 2.5 | −34 13 | 10.1 | 9.2 | B9 | 2 | .. | 40724b |
| 73 | 12520 | 2.5 | −34 35 | 10.3 | 9.5 | Ao | 2 | .. | 40724b |
| 74 | 12264 | 2.5 | −36 59 | 8.3 | 9.5 | Ma | 3 | 0,2 | 38804b |
| 75 | 11019 | 2.5 | −52 36 | *9.2* | 9.5 | Fo | 4 | .. | 37621b |
| 76 | 3826 | 2.5 | −64 0 | 7.68 | 8.7 | K2 | 4 | .. | 20144b |
| 77 | 3564 | 2.6 | + 9 33 | 3.73 | *3.81* | A3 | .. | 1,5 | 2832c |
| 78 | 3595 | 2.6 | + 3 33 | 10.0 | *10.1* | A2 | 4 | .. | 13401b |
| 79 | 3596 | 2.6 | + 3 16 | 9.1 | *9.4* | Fo | 3 | .. | 13401b |
| 80 | *4562* | 2.6 | − 9 0 | 9.4 | *10.2* | G5 | 2 | .. | 40602b |
| 81 | 4929 | 2.6 | −12 43 | 8.7 | *8.8* | A2 | 5 | .. | 40332b |
| 82 | 4799 | 2.6 | −18 34 | var. | var. | K5p | .. | R | M |
| 83 | 4858 | 2.6 | −19 52 | 8.38 | 8.5 | B9 | 5 | .. | 38062b |
| 84 | 4866 | 2.6 | −21 28 | 6.58 | 7.3 | A2p | 5 | R | 44641b |
| 85 | 12851 | 2.6 | −26 53 | 10.0 | 9.2 | B8 | 3 | .. | 17092b |
| 86 | 12459 | 2.6 | −27 32 | 11.2 | 9.8 | Ao | 3 | .. | 17092b |
| 87 | 12463 | 2.6 | −27 48 | 7.40 | 8.6 | Ko | 7 | .. | 17092b |
| 88 | 14552 | 2.6 | −29 1 | 10.9 | 10.0 | Ao | 2 | .. | 17092b |
| 89 | 15158 | 2.6 | −31 28 | 8.3 | 8.9 | Ko | 4 | .. | 40724b |
| 90 | 12877 | 2.6 | −33 18 | 9.9 | 9.1 | Ao | 3 | .. | 40724b |
| 91 | 12874 | 2.6 | −33 35 | 8.3 | 8.5 | F2 | 6 | .. | 40724b |
| 92 | 12522 | 2.6 | −34 2 | 10.3 | 9.0 | B8 | 3 | .. | 40724b |
| 93 | 12265 | 2.6 | −36 41 | 6.58 | 6.7 | Bo | 6 | .. | 5172b |
| 94 | 12521 | 2.6 | −38 49 | 8.3 | 8.2 | A2 | 9 | .. | 21880b |
| 95 | 12204 | 2.6 | −40 18 | 10.3 | 10.6 | Ao | 2 | .. | 21880b |
| 96 | 12936 | 2.6 | −42 25 | 7.4 | 8.5 | K2 | 5 | .. | 19911b |
| 97 | .. | 2.6 | −45 26 | var. | var. | Mc | .. | R | M |
| 98 | 12234 | 2.6 | −45 47 | 9.7 | 10.4 | K2 | 1 | .. | 19962b |
| 99 | 8647 | 2.6 | −56 8 | 8.6 | 8.8 | B9 | 5 | .. | 17453b |
| 100 | 7008 | 2.6 | −60 26 | 8.6 | 7.9 | Ao | 7 | .. | 20144b |



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## 165800

**18h 2m.7**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3015 | 2.7 | +37 46 | 7.84 | *8.62* | G5 | 2 | .. | 37871i |
| 2 | 3329 | 2.7 | +24 19 | 7.7 | *8.7* | Ko | 4 | .. | 37806i |
| 3 | 3362 | 2.7 | +15 41 | 9.1 | *9.9* | G5 | 1 | .. | 37959i |
| 4 | 3565 | 2.7 | + 9 28 | 7.7 | *8.7* | Ko | 4 | .. | 9437b |
| 5 | 3420 | 2.7 | − 0 44 | 10.4 | *10.4* | Ao | 1 | .. | 38110b |
| 6 | 4554 | 2.7 | − 2 32 | 8.8 | *8.9* | A5 | 6 | .. | 38110b |
| 7 | 4564 | 2.7 | − 7 8 | 7.53 | *8.53* | Ko | 7 | .. | 40602b |
| 8 | 4720 | 2.7 | −16 26 | 8.1 | *7.9* | B3 | 8 | .. | 24169b |
| 9 | 4721 | 2.7 | −16 30 | 9.2 | *9.2* | B9 | 6 | .. | 24169b |
| 10 | 5033 | 2.7 | −17 44 | 9.4 | *10.4* | Ko | 2 | .. | 24169b |
| 11 | 4800 | 2.7 | −18 24 | 9.7 | *9.7* | A | 2 | .. | 24169b |
| 12 | 4581 | 2.7 | −22 10 | 7.89 | *7.3* | B5 | 8 | .. | 40711b |
| 13 | 13950 | 2.7 | −24 22 | 9.3 | 10.0 | K5 | 2 | .. | 40711b |
| 14 | 12793 | 2.7 | −25 29 | 6.27 | 6.7 | B8 | 6 | 0,10 | 44641b |
| 15 | 12854 | 2.7 | −26 34 | 9.0 | 9.8 | K5 | 2 | .. | 40711b |
| 16 | 12465 | 2.7 | −27 45 | 9.2 | 9.8 | Ko | 2 | .. | 17092b |
| 17 | 14188 | 2.7 | −28 15 | 10.7 | 10.1 | F2 | 1 | .. | 17092b |
| 18 | 12525 | 2.7 | −34 16 | 11.0 | 9.6 | A | 1 | .. | 40724b |
| 19 | 12311 | 2.7 | −35 43 | 7.9 | 8.6 | K2 | 3 | .. | 38804b |
| 20 | 12468 | 2.7 | −41 11 | 10.1 | *11.2* | K2 | 1 | .. | 21880b |
| 21 | 12467 | 2.7 | −41 49 | 11.7 | 10.6 | Ao | 2 | .. | 21880b |
| 22 | 12239 | 2.7 | −45 55 | 7.7 | 7.9 | B9 | 10 | .. | 19962b |
| 23 | 12152 | 2.7 | −46 23 | 10.1 | 9.8 | A2 | 3 | .. | 19962b |
| 24 | 3280 | 2.8 | +22 25 | 8.4 | *9.4* | Ko | 2 | .. | 37806i |
| 25 | 3308 | 2.8 | +21 46 | 8.0 | *9.0* | Ko | 3 | .. | 37806i |
| 26 | 3363 | 2.8 | +15 13 | 7.44 | *8.79* | Ma | 3 | .. | 37959i |
| 27 | 3559 | 2.8 | + 7 59 | 8.6 | *8.6* | Ao | 4 | .. | 9437b |
| 28 | 3597 | 2.8 | + 3 41 | 8.7 | *9.7* | Ko | 1 | .. | 13401b |
| 29 | 3421 | 2.8 | − 0 47 | 8.3 | *9.1* | G5 | 7 | .. | 38110b |
| 30 | 4616 | 2.8 | −10 34 | 8.1 | *8.2* | A3 | 8 | .. | 40332b |
| 31 | 4828 | 2.8 | −15 47 | 10.6 | *10.6* | B9 | 2 | .. | 24169b |
| 32 | 4860 | 2.8 | −19 24 | 10.8 | 9.4 | A | 2 | .. | 24169b |
| 33 | 5003 | 2.8 | −20 6 | 8.23 | 9.1 | Ko | 5 | 5,3 | 24169b |
| 34 | 13969 | 2.8 | −23 37 | 10.7 | 9.7 | F5 | 2 | .. | 40711b |
| 35 | 12856 | 2.8 | −26 18 | 10.4 | 9.5 | F | 3 | .. | 40711b |
| 36 | 12882 | 2.8 | −33 15 | 7.66 | 8.9 | K2 | 4 | .. | 40724b |
| 37 | 12527 | 2.8 | −34 11 | 10.8 | 9.5 | A | 1 | .. | 40724b |
| 38 | 12313 | 2.8 | −35 28 | 10.3 | 10.0 | Mb | .. | .. | M |
| 39 | 12272 | 2.8 | −36 47 | 8.9 | 9.6 | K5 | 1 | .. | 20081b |
| 40 | 12245 | 2.8 | −37 38 | 9.9 | 9.2 | A3 | 2 | .. | 20081b |
| 41 | 12940 | 2.8 | −42 18 | 11.6 | *11.7* | A5 | 2 | .. | 21880b |
| 42 | 11397 | 2.8 | −51 0 | 9.7 | 10.7 | K5 | 1 | .. | 39457b |
| 43 | 3481 | 2.8 | −67 50 | *8.8* | 10.0 | K5 | 1 | .. | 41598b |
| 44 | 1234 | 2.8 | −76 36 | *7.8* | 8.8 | Ko | 8 | .. | 19008b |
| 45 | 2727 | 2.9 | +49 20 | 7.38 | *8.45* | K2 | 2 | .. | 38778i |
| 46 | 2975 | 2.9 | +41 23 | 8.5 | *9.5* | Ko | 2 | .. | 37844i |
| 47 | 3265 | 2.9 | +23 23 | 7.20 | 7.28 | A3 | 8 | .. | 37806i |
| 48 | 3365 | 2.9 | +15 55 | 6.78 | *7.78* | Ko | 6 | .. | 37959i |
| 49 | 3420 | 2.9 | +14 53 | 8.39 | *8.39* | Ao | 3 | .. | 37959i |
| 50 | 3599 | 2.9 | + 3 36 | 8.7 | *8.7* | Ao | 2 | .. | 37811i |
| 51 | 4556 | 2.9 | − 2 3 | 9.4 | *10.2* | G5 | 3 | .. | 38110b |
| 52 | 5034 | 2.9 | −17 59 | 9.1 | *10.3* | K5 | 3 | .. | 24169b |
| 53 | 4802 | 2.9 | −18 57 | 9.4 | *10.6* | K5 | 2 | .. | 24169b |
| 54 | 4801 | 2.9 | −18 59 | 8.5 | *8.5* | Ao | 8 | .. | 24169b |
| 55 | 5005 | 2.9 | −20 56 | 8.9 | 8.8 | F5 | 6 | .. | 40711b |
| 56 | 4869 | 2.9 | −21 25 | 8.9 | 9.2 | K5 | 2 | .. | 40711b |
| 57 | 4582 | 2.9 | −22 11 | 9.4 | 8.5 | B5 | 5 | .. | 40711b |
| 58 | 13971 | 2.9 | −23 20 | 10.9 | 9.5 | A3 | 2 | .. | 40711b |
| 59 | 14557 | 2.9 | −29 44 | 9.5 | 10.6 | Ma | 1 | .. | 17092b |
| 60 | 8732 | 2.9 | −54 10 | *9.5* | 10.3 | G5 | 1 | .. | 37621b |
| 61 | 2507 | 2.9 | −70 46 | 6.97 | 6.8 | B9 | 9 | 0,10 | 41598b |
| 62 | 1718 | 3.0 | +61 33 | 8.2 | *8.6* | F5 | 2 | .. | 38505i |
| 63 | 2026 | 3.0 | +53 21 | 8.2 | *9.0* | G5 | 1 | .. | 38778i |
| 64 | 3567 | 3.0 | + 9 50 | 6.54 | *6.54* | Ao | 10 | .. | 37959i |
| 65 | 3585 | 3.0 | + 8 2 | 8.5 | *8.6* | A3 | 5 | .. | 9437b |
| 66 | 3631 | 3.0 | + 6 48 | 8.1 | *9.1* | Ko | 3 | .. | 9437b |
| 67 | 4403 | 3.0 | − 4 35 | 8.10 | *9.10* | Ko | 6 | .. | 38110b |
| 68 | 4722 | 3.0 | −16 37 | 10.3 | *10.3* | Ao | 4 | .. | 24169b |
| 69 | 5036 | 3.0 | −17 8 | 11.0 | *11.0* | Ao | 2 | .. | 24169b |
| 70 | 5035 | 3.0 | −17 31 | 9.2 | *9.2* | B8 | 7 | .. | 24169b |
| 71 | 5006 | 3.0 | −20 39 | 9.4 | 10.3 | K5 | 2 | .. | 40711b |
| 72 | 13974 | 3.0 | −23 27 | 10.2 | 9.2 | B9 | 3 | .. | 40711b |
| 73 | 12474 | 3.0 | −27 45 | 7.36 | 8.6 | K5 | 6 | .. | 17092b |
| 74 | 14193 | 3.0 | −28 38 | 10.9 | 10.1 | Ao | 1 | .. | 17092b |
| 75 | 12532 | 3.0 | −34 5 | 9.3 | 9.5 | F8 | 2 | .. | 40724b |
| 76 | 12249 | 3.0 | −37 48 | 8.9 | 9.5 | Ko | 1 | .. | 20081b |
| 77 | 12316 | 3.0 | −43 17 | 9.5 | 9.5 | Ao | 3 | .. | 17085b |
| 78 | 12382 | 3.0 | −44 42 | 9.5 | 10.3 | Ko | 1 | .. | 17085b |
| 79 | 12090 | 3.0 | −47 31 | 9.2 | 10.3 | Ko | 1 | .. | 19962b |
| 80 | 12322 | 3.0 | −48 47 | 9.9 | 10.4 | Ko | 1 | .. | 19962b |
| 81 | 11020 | 3.0 | −52 0 | 8.8 | 9.8 | Ko | 3 | .. | 37621b |
| 82 | 7236 | 3.0 | −59 0 | 8.3 | 8.4 | Go | 7 | .. | 17453b |
| 83 | 2205 | 3.0 | −72 17 | *9.1* | 9.2 | A5 | 4 | .. | 21336b |
| 84 | 2886 | 3.1 | +43 10 | 8.8 | *9.4* | Go | 2 | .. | 37844i |
| 85 | 3168 | 3.1 | +31 45 | 8.2 | *8.2* | Ao | 3 | .. | 37828i |
| 86 | 3533 | 3.1 | +19 39 | 7.40 | *7.46* | A2 | 4 | .. | 38784i |
| 87 | 3498 | 3.1 | + 2 12 | 6.53 | *6.59* | A2 | 5 | 0,10 | 38464i |
| 88 | 4654 | 3.1 | − 9 50 | 8.8 | *9.1* | F2 | 3 | .. | 40602b |
| 89 | 5037 | 3.1 | −17 0 | 9.4 | *9.4* | B9 | 4 | .. | 24169b |
| 90 | 4805 | 3.1 | −18 26 | 10.3 | *10.3* | B9 | 3 | .. | 24169b |
| 91 | 5007 | 3.1 | −20 2 | 9.7 | 10.3 | K5 | 1 | 0,1 | 24169b |
| 92 | 4871 | 3.1 | −21 25 | 9.4 | 8.8 | B | 3 | .. | 40711b |
| 93 | 4584 | 3.1 | −22 12 | 9.7 | 9.4 | K2 | 3 | .. | 40711b |
| 94 | 4583 | 3.1 | −22 48 | 9.4 | 8.4 | B8 | 7 | .. | 40711b |
| 95 | 13960 | 3.1 | −24 43 | 10.9 | 9.8 | B8 | 2 | .. | 40711b |
| 96 | 12862 | 3.1 | −26 7 | 7.47 | 8.0 | Go | 8 | .. | 40711b |
| 97 | 14198 | 3.1 | −28 1 | 11.6 | 10.7 | Ao | 1 | .. | 17092b |
| 98 | 14563 | 3.1 | −29 2 | 9.7 | 9.7 | G5 | 2 | .. | 17092b |
| 99 | 15305 | 3.1 | −30 21 | 10.7 | 10.0 | A2 | 2 | .. | 17092b |
| 100 | 12528 | 3.1 | −38 16 | 9.7 | 10.6 | G5 | 1 | .. | 38804b |



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## 165900 — $18^h\ 3^m.1$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12946 | 3.1 | −42 4 | 10.3 | 10.4 | Go | 3 | .. | 21880b |
| 2 | 12945 | 3.1 | −42 25 | 8.1 | 8.6 | Ko | 4 | .. | 19911b |
| 3 | 12156 | 3.1 | −46 40 | 9.9 | 10.3 | G5 | 1 | .. | 19962b |
| 4 | 7010 | 3.1 | −60 3 | 8.2 | 9.2 | A5 | 3 | .. | 20144b |
| 5 | 7011 | 3.1 | −60 10 | 8.60 | 8.9 | Ao | 5 | .. | 20144b |
| 6 | 1242 | 3.2 | +64 51 | 7.60 | *8.67* | K2 | 3 | .. | 38505i |
| 7 | 2308 | 3.2 | +51 56 | 6.93 | *7.93* | Ko | 5 | .. | 38778i |
| 8 | 3128 | 3.2 | +30 33 | 5.21 | *5.71* | F8 | .. | 2,9 R | 1396c |
| 9 | 3422 | 3.2 | +14 8 | 8.7 | *9.1* | F5 | 2 | .. | 37959i |
| 10 | 3529 | 3.2 | +13 3 | 6.46 | *6.46* | Ao | 8 | .. | 37959i |
| 11 | 3499 | 3.2 | + 2 35 | 9.1 | *9.4* | Fo | 4 | .. | 13401b |
| 12 | 4404 | 3.2 | − 4 6 | 8.6 | *9.2* | Go | 6 | .. | 38110b |
| 13 | 4576 | 3.2 | − 5 4 | 9.70 | *10.26* | Go | 2 | .. | 38110b |
| 14 | 4717 | 3.2 | − 6 41 | 8.6 | *8.6* | Ao | 8 | .. | 40602b |
| 15 | 4830 | 3.2 | −15 3 | 9.21 | *10.39* | K5 | 3 | 0,1 | 24169b |
| 16 | 4831 | 3.2 | −15 9 | 10.1 | *10.9* | G5 | 3 | .. | 24169b |
| 17 | .. | 3.2 | −16 29 | .. | .. | Ao | 2 | .. | 24169b |
| 18 | 4863 | 3.2 | −19 53 | 8.33 | 7.7 | B9 | 6 | .. | 38062b |
| 19 | 5008 | 3.2 | −20 58 | 9.9 | 9.4 | A3 | 2 | .. | 40711b |
| 20 | 4585 | 3.2 | −22 55 | 8.8 | 8.5 | Ko | 6 | .. | 40711b |
| 21 | 13962 | 3.2 | −24 1 | 7.7 | 7.2 | Bo | 7 | .. | 40711b |
| 22 | 13963 | 3.2 | −24 33 | 10.4 | 9.8 | B8 | 3 | .. | 40711b |
| 23 | 13961 | 3.2 | −24 50 | 10.2 | 9.8 | B8 | 2 | .. | 40711b |
| 24 | 14201 | 3.2 | −28 7 | 11.4 | 10.3 | A2 | 1 | .. | 17092b |
| 25 | 14203 | 3.2 | −28 26 | 10.7 | 9.8 | A2 | 3 | .. | 17092b |
| 26 | 14202 | 3.2 | −28 52 | 9.2 | 9.2 | G5 | 4 | .. | 17092b |
| 27 | 14566 | 3.2 | −29 32 | 10.9 | 10.2 | B9 | 2 | .. | 17092b |
| 28 | 12533 | 3.2 | −34 46 | 8.6 | 9.2 | Ko | 2 | .. | 40724b |
| 29 | 12254 | 3.2 | −37 24 | 9.9 | 9.8 | Ko | 1 | .. | 38804b |
| 30 | 12532 | 3.2 | −38 35 | 8.6 | 8.2 | Ao | 8 | .. | 21880b |
| 31 | 12286 | 3.2 | −39 34 | 9.9 | 10.6 | Ko | 2 | .. | 21880b |
| 32 | 12318 | 3.2 | −43 25 | 10.6 | 9.8 | A2 | 2 | .. | 17085b |
| 33 | 12157 | 3.2 | −46 2 | 8.5 | 9.5 | K2 | 4 | .. | 19962b |
| 34 | 12093 | 3.2 | −47 10 | 9.7 | 9.5 | G5 | 4 | R | 19962b |
| 35 | | 3.2 | −47 10 | | | A3 | | | |
| 36 | 8736 | 3.2 | −54 16 | *9.2* | 10.0 | G5 | 3 | .. | 37621b |
| 37 | 7349 | 3.2 | −58 12 | 7.3 | 9.2 | G5 | 5 | .. | 17453b |
| 38 | 6113 | 3.2 | −61 15 | 8.7 | 8.0 | B5 | 6 | .. | 20144b |
| 39 | 3627 | 3.2 | −65 44 | *8.9* | 9.0 | A2 | 3 | .. | 41598b |
| 40 | 3003 | 3.3 | +42 57 | 8.8 | *9.4* | Go | 3 | .. | 37844i |
| 41 | 3286 | 3.3 | +40 22 | 7.02 | *7.02* | Ao | 5 | .. | 37844i |
| 42 | 3857 | 3.3 | + 0 6 | 9.33 | *9.75* | F5 | 4 | .. | 38110b |
| 43 | 3453 | 3.3 | − 1 30 | 8.7 | *9.8* | K2 | 7 | .. | 38110b |
| 44 | 4405 | 3.3 | − 4 28 | 8.1 | *9.2* | K2 | 6 | .. | 38110b |
| 45 | 4832 | 3.3 | −15 33 | 9.2 | *9.2* | Ao | 7 | .. | 24169b |
| 46 | 4724 | 3.3 | −16 25 | 9.4 | *10.4* | Ko | 2 | .. | 24169b |
| 47 | 4723 | 3.3 | −16 30 | 10.6 | *10.6* | Ao | 3 | .. | 24169b |
| 48 | 4807 | 3.3 | −18 44 | 9.7 | *11.1* | Ma | 2 | .. | 24169b |
| 49 | 4808 | 3.3 | −18 45 | 10.6 | *10.6* | A | 2 | .. | 24169b |
| 50 | 4864 | 3.3 | −19 52 | 8.78 | 8.5 | A | 4 | .. | 24169b |
| 51 | 13984 | 3.3 | −23 6 | 10.2 | 10.0 | Ao | 2 | .. | 40711b |
| 52 | 12864 | 3.3 | −26 21 | 9.5 | 8.9 | Ao | 3 | .. | 40711b |
| 53 | 12482 | 3.3 | −27 53 | 11.2 | 9.8 | B | 1 | .. | 17092b |
| 54 | 13813 | 3.3 | −32 34 | 9.3 | 8.9 | B8 | 4 | .. | 40724b |
| 55 | 12535 | 3.3 | −34 53 | 8.93 | 8.7 | B5 | 4 | .. | 40724b |
| 56 | 12325 | 3.3 | −35 36 | 9.3 | 8.6 | Ao | 4 | .. | 38804b |
| 57 | 12324 | 3.3 | −35 45 | 9.9 | 9.2 | Ao | 2 | .. | 38804b |
| 58 | 12480 | 3.3 | −41 46 | 9.3 | 10.4 | Ko | 1 | .. | 19911b |
| 59 | 12159 | 3.3 | −46 58 | 8.6 | 9.6 | K2 | 3 | .. | 19962b |
| 60 | 7350 | 3.3 | −58 20 | 9.0 | 10.4 | G5 | 1 | .. | 42469b |
| 61 | 4323 | 3.3 | −63 38 | var. | var. | Md | 2 | R | 42484b |
| 62 | 2206 | 3.3 | −72 24 | *8.6* | 9.7 | K2 | 2 | .. | 21336b |
| 63 | 3019 | 3.4 | +37 47 | 8.0 | *9.0* | Ko | 1 | .. | 37871i |
| 64 | 3335 | 3.4 | +24 23 | 9.2 | *9.7* | F8 | 2 | .. | 37806i |
| 65 | 4558 | 3.4 | − 2 55 | 6.85 | *7.63* | G5 | 9 | .. | 38110b |
| 66 | 4577 | 3.4 | − 5 39 | 8.5 | *9.0* | F8 | 4 | .. | 38110b |
| 67 | 4541 | 3.4 | −11 45 | 7.78 | *7.78* | Ao | 9 | .. | 40332b |
| 68 | 4833 | 3.4 | −15 20 | 9.9 | *10.0* | A5 | 1 | .. | 40332b |
| 69 | .. | 3.4 | −18 29 | .. | .. | Ao | 2 | .. | 24169b |
| 70 | 4866 | 3.4 | −19 45 | 9.4 | 8.9 | Ao | 4 | .. | 24169b |
| 71 | 4873 | 3.4 | −21 32 | 9.2 | 9.1 | B8 | 3 | .. | 40711b |
| 72 | 13971 | 3.4 | −24 41 | 9.2 | 8.9 | B8 | 4 | .. | 40711b |
| 73 | 12803 | 3.4 | −25 57 | 10.7 | 10.4 | Ko | 1 | .. | 17092b |
| 74 | 12867 | 3.4 | −26 42 | 10.4 | 9.8 | B9 | 2 | .. | 17092b |
| 75 | 12865 | 3.4 | −26 49 | 11.2 | 9.8 | B9 | 1 | .. | 17092b |
| 76 | 12483 | 3.4 | −27 7 | 10.7 | 9.5 | B8 | 1 | .. | 17092b |
| 77 | 12484 | 3.4 | −27 38 | 10.4 | 10.3 | G5 | 1 | .. | 17092b |
| 78 | 13814 | 3.4 | −32 44 | 6.52 | 7.7 | G5 | 9 | .. | 40724b |
| 79 | 12327 | 3.4 | −35 31 | 8.6 | 8.6 | B8 | 5 | .. | 38804b |
| 80 | 12326 | 3.4 | −35 40 | 9.9 | 9.3 | B8 | 2 | .. | 38804b |
| 81 | 12282 | 3.4 | −36 26 | 8.3 | 8.7 | F8 | 5 | .. | 20081b |
| 82 | 12322 | 3.4 | −43 34 | 9.3 | 9.5 | Ao | 3 | .. | 17085b |
| 83 | 12326 | 3.4 | −48 17 | 8.6 | 9.3 | Ko | 3 | .. | 19962b |
| 84 | 12327 | 3.4 | −48 20 | 7.9 | 9.2 | K5 | 3 | .. | 19962b |
| 85 | 8976 | 3.4 | −53 47 | *9.9* | 10.0 | A2 | 3 | .. | 37621b |
| 86 | 8536 | 3.4 | −55 23 | 6.3 | 8.6 | K5 | 6 | .. | 17453b |
| 87 | 8655 | 3.4 | −56 25 | 7.48 | 7.9 | A2 | 10 | .. | 17453b |
| 88 | 2025 | 3.5 | +55 5 | 7.96 | *8.46* | F8 | 4 | .. | 38015i |
| 89 | 3175 | 3.5 | +26 24 | 7.31 | *8.31* | Ko | 5 | .. | 37806i |
| 90 | 3859 | 3.5 | + 0 42 | 8.5 | *9.6* | K2 | 3 | .. | 13401b |
| 91 | 4406 | 3.5 | − 4 1 | 7.9 | *7.9* | Ao | 9 | .. | 38110b |
| 92 | 4904 | 3.5 | −14 1 | 9.1 | *9.1* | B9 | 4 | .. | 40332b |
| 93 | 4903 | 3.5 | −14 38 | 9.9 | *9.9* | A | 1 | .. | 40332b |
| 94 | 4834 | 3.5 | −15 4 | 8.61 | *9.79* | K5 | 6 | .. | 24169b |
| 95 | 4725 | 3.5 | −16 25 | 11.2 | *12.0* | G5 | 2 | .. | 24169b |
| 96 | 4867 | 3.5 | −19 12 | 9.7 | 9.1 | Ao | 3 | .. | 24169b |
| 97 | 5011 | 3.5 | −20 3 | 8.58 | 8.8 | Ao | 5 | 0,7 | 38062b |
| 98 | 4875 | 3.5 | −21 35 | 9.4 | 8.2 | B | 3 | .. | 40711b |
| 99 | 13991 | 3.5 | −23 35 | 8.1 | 7.9 | A2 | 6 | .. | 40711b |
| 100 | 13994 | 3.5 | −23 57 | 9.2 | 10.3 | K | 1 | R | 40711b |



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## 166000 — $18^h\ 3^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. | H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | | | | m. | ° ′ | | | | | | |
| 1 | 13975 | 3.5 | −24 43 | 8.7 | 9.8 | K5 | 2 | .. | 40711b | 51 | 4906 | 3.8 | −14 41 | 9.4 | *9.4* | B9 | 2 | .. | 40332b |
| 2 | 14580 | 3.5 | −29 23 | 10.9 | 10.3 | Ao | 2 | .. | 17092b | 52 | 4810 | 3.8 | −18 52 | 7.50 | *7.45* | B8 | 9 | .. | 24169b |
| 3 | 13817 | 3.5 | −32 10 | 7.56 | 7.9 | Ao | 8 | .. | 40724b | 53 | 4871 | 3.8 | −19 23 | 8.6 | 8.2 | B9 | 6 | .. | 24169b |
| 4 | 12537 | 3.5 | −38 6 | 8.7 | 10.6 | K5 | 1 | .. | 38804b | 54 | 4590 | 3.8 | −22 4 | 9.9 | 8.8 | B3 | 4 | .. | 40711b |
| 5 | 12957 | 3.5 | −42 19 | 11.6 | *12.4* | G5 | 1 | .. | 21880b | 55 | 14003 | 3.8 | −23 4 | 11.2 | 9.7 | B9 | 2 | .. | 40711b |
| 6 | 12098 | 3.5 | −47 32 | 6.08 | 8.0 | Ko | 10 | .. | 19962b | 56 | 13984 | 3.8 | −24 8 | 9.7 | 9.5 | B | 2 | .. | 40711b |
| 7 | *11968* | 3.5 | −50 0 | 8.9 | 9.8 | K2 | 3 | .. | 19962b | 57 | 14584 | 3.8 | −29 19 | 9.7 | 10.6 | K2 | 1 | .. | 17092b |
| 8 | 8980 | 3.5 | −53 11 | 9.1 | 10.0 | G5 | 3 | .. | 37621b | 58 | 15188 | 3.8 | −31 34 | 7.7 | 9.1 | Ko | 4 | .. | 40724b |
| 9 | 8977 | 3.5 | −53 43 | *9.4* | 10.0 | Go | 2 | .. | 37621b | 59 | 12908 | 3.8 | −33 41 | 9.3 | 8.6 | Ao | 4 | .. | 40724b |
| 10 | 7352 | 3.5 | −58 18 | 9.0 | 10.4 | G5 | 1 | .. | 42469b | 60 | 12233 | 3.8 | −40 28 | 7.9 | 7.6 | A2 | 9 | .. | 21880b |
| 11 | 2728 | 3.6 | +49 28 | 7.73 | *8.01* | Fo | 4 | R | 38778i | 61 | 12486 | 3.8 | −41 44 | 9.0 | 8.5 | Ao | 5 | .. | 19911b |
| 12 | 3019 | 3.6 | +36 24 | 7.9 | *8.0* | A2 | 4 | .. | 37871i | 62 | 12959 | 3.8 | −42 25 | 9.5 | 10.0 | G5 | 2 | .. | 19911b |
| 13 | 3126 | 3.6 | +34 50 | 7.42 | *8.77* | Ma | 3 | .. | 37871i | 63 | 12251 | 3.8 | −45 58 | 4.60 | 6.6 | Ko | .. | R | 28,213 |
| 14 | 2925 | 3.6 | +28 45 | 3.83 | *3.83* | Ao | .. | R | 2943c | 64 | 2209 | 3.8 | −72 40 | *9.0* | 10.0 | Ko | 1 | .. | 21336b |
| 15 | 3573 | 3.6 | + 9 3 | 9.1 | *9.7* | Go | 1 | .. | 9437b | 65 | 2208 | 3.8 | −72 54 | *8.8* | 9.8 | Ko | 1 | .. | 21336b |
| 16 | 3503 | 3.6 | + 2 24 | 8.4 | *8.4* | Ao | 3 | *1,7* | 37811i | 66 | 478 | 3.8 | −85 46 | *8.4* | 9.0 | Go | 6 | 0,5 | 22980b |
| 17 | 4566 | 3.6 | − 7 22 | 9.4 | *9.5* | A2 | 2 | .. | 40602b | 67 | 2426 | 3.9 | +46 16 | 7.46 | *7.80* | F2 | 5 | .. | 37844i |
| 18 | 4727 | 3.6 | −16 12 | 10.7 | *10.8* | A5 | 2 | .. | 24169b | 68 | 2890 | 3.9 | +43 26 | 8.1 | *9.5* | Mb | 4 | *5,4* | 36189i |
| 19 | 12812 | 3.6 | −25 28 | 10.7 | 9.8 | G | 2 | .. | 40711b | 69 | 3290 | 3.9 | +40 10 | 8.52 | *8.52* | A | 2 | .. | 37844i |
| 20 | 12869 | 3.6 | −26 41 | 10.4 | 10.7 | Ko | 1 | .. | 17092b | 70 | 2960 | 3.9 | +27 25 | 8.5 | *9.5* | Ko | 3 | .. | 37806i |
| 21 | 12490 | 3.6 | −27 13 | 11.2 | 10.0 | F2 | 1 | .. | 17092b | 71 | 3268 | 3.9 | +23 51 | 9.0 | *9.5* | F8 | 2 | .. | 37806i |
| 22 | 12489 | 3.6 | −27 37 | 10.9 | 10.4 | A | 1 | .. | 17092b | 72 | 3504 | 3.9 | + 2 13 | 7.24 | *7.30* | A2 | 6 | 0,4 | 37811i |
| 23 | 15316 | 3.6 | −30 45 | 5.58 | 7.1 | Ko | .. | .. | 56,141 | 73 | 3604 | 3.9 | + 1 58 | 6.90 | *7.24* | F2 | 6 | 0,4 | 37811i |
| 24 | 12228 | 3.6 | −40 13 | 9.0 | 9.4 | A5 | 5 | .. | 21880b | 74 | 4934 | 3.9 | −12 44 | 9.7 | *10.5* | G5 | 2 | .. | 40332b |
| 25 | 8740 | 3.6 | −54 8 | 9.0 | 9.5 | Ko | 4 | .. | 37621b | 75 | 4839 | 3.9 | −15 44 | 10.6 | *10.6* | A | 2 | .. | 24169b |
| 26 | 8656 | 3.6 | −56 27 | 7.5 | 8.2 | Ao | 10 | .. | 17453b | 76 | 4728 | 3.9 | −16 52 | 9.4 | *9.4* | B8 | 6 | .. | 24169b |
| 27 | 3282 | 3.7 | +22 23 | 8.0 | *8.1* | A2 | 4 | .. | 37806i | 77 | 4874 | 3.9 | −19 20 | 10.6 | 9.7 | Ao | 2 | .. | 24169b |
| 28 | 3615 | 3.7 | + 5 15 | 9.0 | *9.8* | G5 | 2 | .. | 9437b | 78 | 4875 | 3.9 | −19 39 | 10.3 | 9.4 | A2 | 3 | .. | 24169b |
| 29 | 4656 | 3.7 | − 9 28 | 9.7 | *10.5* | G5 | 1 | .. | 40602b | 79 | 14004 | 3.9 | −23 39 | 10.9 | 9.7 | B8 | 2 | .. | 40711b |
| 30 | 4869 | 3.7 | −19 8 | 10.1 | 9.4 | A | 3 | .. | 24169b | 80 | 14590 | 3.9 | −29 14 | 7.8 | 8.2 | A2 | 9 | .. | 17092b |
| 31 | 5012 | 3.7 | −20 51 | 10.1 | 10.3 | K5 | 2 | .. | 40711b | 81 | 15190 | 3.9 | −31 8 | 9.0 | 8.8 | Go | 4 | .. | 17092b |
| 32 | 14001 | 3.7 | −23 27 | 8.5 | 9.1 | Ko | 3 | .. | 40711b | 82 | 12543 | 3.9 | −34 33 | 8.6 | 8.6 | Ao | 4 | .. | 38804b |
| 33 | 13998 | 3.7 | −23 40 | 9.0 | 8.3 | B | 5 | .. | 40711b | 83 | 12268 | 3.9 | −37 16 | 10.1 | 9.0 | Fo | 3 | .. | 38804b |
| 34 | 12815 | 3.7 | −25 18 | 9.2 | 9.8 | K2 | 3 | .. | 40711b | 84 | 12296 | 3.9 | −39 58 | 10.3 | 10.6 | Ao | 2 | .. | 21880b |
| 35 | 12494 | 3.7 | −27 4 | 10.9 | 9.8 | Ao | 1 | .. | 17092b | 85 | 12487 | 3.9 | −41 14 | 10.8 | 10.6 | B9 | 2 | .. | 21880b |
| 36 | 14582 | 3.7 | −29 10 | 9.2 | 10.2 | K5 | 1 | .. | 17092b | 86 | 12393 | 3.9 | −44 11 | 9.9 | 10.7 | K2 | 2 | .. | 21880b |
| 37 | 12264 | 3.7 | −37 15 | 8.3 | 7.7 | A2 | 8 | .. | 20081b | 87 | 12392 | 3.9 | −44 19 | 9.2 | 9.5 | Go | 5 | .. | 17085b |
| 38 | 12294 | 3.7 | −39 0 | 11.0 | 10.6 | A2 | 2 | .. | 21880b | 88 | 11024 | 3.9 | −52 6 | *9.6* | 9.9 | Fo | 2 | .. | 37621b |
| 39 | 12230 | 3.7 | −40 10 | 10.8 | 10.3 | B9 | 3 | .. | 21880b | 89 | 11025 | 3.9 | −52 12 | *9.8* | 10.1 | F2 | 2 | .. | 37621b |
| 40 | 12229 | 3.7 | −40 34 | 8.9 | 9.5 | Go | 5 | R | 21880b | 90 | 1415 | 3.9 | −75 1 | 9.38 | 9.9 | G5 | 2 | .. | 21336b |
| 41 | 7353 | 3.7 | −58 39 | 9.0 | 9.3 | F5 | 2 | .. | 17453b | 91 | 1404 | 4.0 | +63 47 | 7.39 | *8.57* | K5 | 3 | .. | 38505i |
| 42 | 730 | 3.7 | −82 20 | *8.8* | 10.0 | K5 | 1 | .. | 43458b | 92 | 2984 | 4.0 | +41 32 | 8.5 | *9.5* | Ko | 2 | .. | 37844i |
| 43 | 1720 | 3.8 | +61 53 | 8.7 | *9.5* | G5 | 2 | .. | 38505i | 93 | 3186 | 4.0 | +29 48 | 7.16 | *8.23* | K2 | 2 | .. | 38480i |
| 44 | 2638 | 3.8 | +48 50 | 7.96 | *8.02* | A2 | 3 | .. | 38778i | 94 | 3438 | 4.0 | +25 10 | 8.0 | *8.1* | A2 | 5 | .. | 37806i |
| 45 | 3178 | 3.8 | +26 5 | 5.92 | *6.00* | A3 | .. | R | 56,95 | 95 | 3427 | 4.0 | +14 16 | 6.30 | *6.36* | A2 | 9 | .. | 37959i |
| 46 | | 3.8 | +26 5 | 6.00 | *6.08* | A3 | .. | | | 96 | 3352 | 4.0 | +11 23 | 8.9 | *9.2* | F2 | 2 | .. | 9437b |
| 47 | 3283 | 3.8 | +22 17 | 9.2 | *10.2* | K | 1 | .. | 37806i | 97 | 3576 | 4.0 | + 9 26 | 10.0 | .. | R5 | .. | .. | M |
| 48 | *3590* | 3.8 | + 9 0 | 8.9 | *9.0* | A2 | 3 | .. | 9437b | 98 | 3577 | 4.0 | + 9 12 | 9.7 | *9.7* | Ao | 2 | .. | 9437b |
| 49 | 3860 | 3.8 | + 0 4 | 10.4 | *10.4* | Ao | 2 | .. | 38110b | 99 | 3578 | 4.0 | + 9 3 | 9.0 | *9.5* | F8 | 3 | .. | 9437b |
| 50 | 4563 | 3.8 | − 8 18 | 9.2 | *9.2* | Ao | 2 | .. | 40602b | 100 | 4564 | 4.0 | − 8 19 | 9.4 | *10.2* | G5 | 1 | .. | 40602b |



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| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4619 | 4.0 | −10 50 | 8.7 | *9.5* | G5 | 4 | .. | 40332b |
| 2 | 4862 | 4.0 | −13 51 | 9.7 | *10.2* | F8 | 1 | .. | 40332b |
| 3 | 4863 | 4.0 | −13 57 | 6.50 | *7.50* | Ko | 9 | .. | 40332b |
| 4 | 4907 | 4.0 | −14 53 | 9.11 | *9.06* | B8 | 5 | .. | 24169b |
| 5 | 4840 | 4.0 | −15 18 | 8.5 | *9.9* | Ma | 5 | .. | 24169b |
| 6 | R | 4.0 | −19 19 | *10.0* | 10.0 | Ao | 2 | .. | 24169b |
| 7 | 14005 | 4.0 | −23 48 | 7.64 | 7.1 | B5 | 6 | .. | 40711b |
| 8 | 12875 | 4.0 | −26 47 | 10.4 | 9.8 | A3 | 1 | .. | 17092b |
| 9 | 12500 | 4.0 | −27 21 | 9.5 | 9.5 | A3 | 2 | .. | 17092b |
| 10 | 14220 | 4.0 | −28 8 | 11.8 | 10.1 | Ao | 1 | .. | 17092b |
| 11 | 14221 | 4.0 | −28 27 | 9.7 | 9.0 | Ao | 3 | .. | 17092b |
| 12 | 15327 | 4.0 | −30 4 | 9.7 | 10.3 | Ao | 2 | .. | 17092b |
| 13 | 13824 | 4.0 | −32 50 | 10.6 | 9.2 | B8 | 2 | .. | 40724b |
| 14 | 12491 | 4.0 | −41 23 | 5.90 | 5.8 | A5 | .. | .. | **56,141** |
| 15 | 11408 | 4.0 | −51 49 | 9.2 | 9.5 | Go | 4 | .. | 37621b |
| 16 | 8539 | 4.0 | −55 31 | 8.8 | 9.2 | Ko | 3 | .. | 17453b |
| 17 | 8538 | 4.0 | −55 42 | 8.4 | 9.2 | F2 | 5 | .. | 17453b |
| 18 | 2428 | 4.1 | +46 46 | 7.9 | *8.2* | F2 | 3 | .. | 37844i |
| 19 | 2929 | 4.1 | +28 39 | 8.8 | *8.9* | A2 | 1 | .. | 38480i |
| 20 | 3579 | 4.1 | + 9 58 | 9.22 | *9.64* | F5 | 1 | .. | 9437b |
| 21 | 3618 | 4.1 | + 4 14 | 9.1 | *9.9* | G5 | 3 | .. | 13401b |
| 22 | 4242 | 4.1 | − 3 0 | 8.5 | *8.5* | B9 | 6 | .. | 38110b |
| 23 | 4407 | 4.1 | − 4 36 | 8.7 | *9.8* | K2 | 4 | .. | 38110b |
| 24 | 4565 | 4.1 | − 8 10 | 9.7 | *9.7* | A | 1 | .. | 40602b |
| 25 | 4908 | 4.1 | −14 12 | 9.1 | *8.9* | B3 | 3 | .. | 40332b |
| 26 | 4842 | 4.1 | −15 34 | var. | var. | Pec. | 2 | R | M |
| 27 | 4811 | 4.1 | −18 20 | 10.6 | *10.6* | Ao | 2 | .. | 24169b |
| 28 | 12878 | 4.1 | −26 7 | 10.7 | 9.8 | Go | 2 | .. | 40711b |
| 29 | 12879 | 4.1 | −26 40 | 11.8 | .. | R1 | .. | .. | M |
| 30 | 14224 | 4.1 | −28 9 | 11.8 | 10.4 | A2 | 1 | .. | 17092b |
| 31 | 14594 | 4.1 | −29 55 | 9.0 | 9.1 | B9 | 4 | .. | 17092b |
| 32 | 15193 | 4.1 | −31 2 | 10.0 | 9.4 | Ko | 3 | .. | 17092b |
| 33 | 12913 | 4.1 | −33 56 | 7.31 | 8.2 | Ko | 6 | .. | 40724b |
| 34 | 12339 | 4.1 | −35 20 | 8.6 | 9.2 | F5 | 3 | .. | 38804b |
| 35 | 12337 | 4.1 | −35 25 | 10.3 | 9.2 | A | 3 | .. | 38804b |
| 36 | 12338 | 4.1 | −35 30 | 8.6 | 9.2 | G5 | 3 | .. | 38804b |
| 37 | 12294 | 4.1 | −36 53 | 9.3 | 9.6 | G5 | 2 | .. | 38804b |
| 38 | 12396 | 4.1 | −44 36 | 8.6 | 8.0 | B8 | 8 | .. | 17085b |
| 39 | 12169 | 4.1 | −46 39 | 10.6 | 10.1 | Ao | 2 | .. | 19962b |
| 40 | 11409 | 4.1 | −51 40 | 7.9 | 8.0 | B9 | 7 | .. | 37621b |
| 41 | 2513 | 4.1 | −70 42 | *9.6* | 9.7 | A2 | 2 | .. | 21336b |
| 42 | 3431 | 4.2 | +14 23 | 8.1 | *8.1* | Ao | 2 | .. | 37959i |
| 43 | 3403 | 4.2 | +12 27 | 7.9 | *7.9* | Ao | 3 | .. | 37959i |
| 44 | 4545 | 4.2 | −11 45 | 7.63 | *8.70* | K2 | 6 | .. | 40332b |
| 45 | 4812 | 4.2 | −18 57 | 9.7 | *10.5* | G5 | 2 | .. | 24169b |
| 46 | 4593 | 4.2 | −22 24 | 10.6 | 9.1 | B8 | 2 | .. | 40711b |
| 47 | 14012 | 4.2 | −23 26 | 9.5 | 9.1 | B9 | 3 | .. | 40711b |
| 48 | 14227 | 4.2 | −28 10 | 8.5 | 8.3 | G5 | 7 | .. | 17092b |
| 49 | 12273 | 4.2 | −37 55 | 8.7 | 9.2 | F2 | 3 | .. | 38804b |
| 50 | 12496 | 4.2 | −41 3 | 9.3 | 9.5 | Fo | 4 | .. | 21880b |
| 51 | 12967 | 4.2 | −42 38 | 11.0 | *11.8* | G5 | 2 | .. | 21880b |
| 52 | 12399 | 4.2 | −44 53 | 10.6 | 10.1 | Go | 2 | .. | 19962b |
| 53 | 11411 | 4.2 | −51 36 | 9.7 | 9.5 | A2 | 4 | .. | 37621b |
| 54 | 7012 | 4.2 | −60 10 | 7.10 | 7.3 | F2 | 7 | .. | 20144b |
| 55 | 1837 | 4.3 | +57 20 | 7.06 | *8.24* | K5 | 3 | .. | 38505i |
| 56 | 3177 | 4.3 | +31 29 | 8.47 | *8.55* | A3 | 1 | .. | 37828i |
| 57 | 3566 | 4.3 | +18 36 | 7.9 | *7.9* | Ao | 3 | .. | 37959i |
| 58 | 3565 | 4.3 | + 7 52 | 9.7 | *9.7* | Ao | 3 | .. | 9437b |
| 59 | 3454 | 4.3 | − 1 58 | 10.0 | *10.0* | Ao | 1 | .. | 38110b |
| 60 | 4582 | 4.3 | − 5 40 | 7.33 | *7.89* | Go | 7 | .. | 38110b |
| 61 | 4566 | 4.3 | − 8 48 | 8.0 | *8.8* | G5 | 5 | .. | 40602b |
| 62 | 4843 | 4.3 | −15 16 | 9.4 | *9.8* | F5 | 3 | .. | 24169b |
| 63 | 4730 | 4.3 | −16 56 | 11.0 | *11.0* | B8 | 2 | .. | 24169b |
| 64 | 5044 | 4.3 | −17 14 | 9.4 | *10.6* | K5 | 3 | .. | 24169b |
| 65 | 5045 | 4.3 | −17 45 | 8.3 | *9.4* | K2 | 4 | .. | 24169b |
| 66 | 4878 | 4.3 | −19 12 | 10.7 | 9.9 | Ao | 3 | .. | 24169b |
| 67 | 4879 | 4.3 | −21 20 | 9.4 | 8.6 | B8 | 5 | .. | 40711b |
| 68 | 12508 | 4.3 | −27 45 | 11.2 | 9.8 | Ao | 2 | .. | 17092b |
| 69 | 12510 | 4.3 | −27 59 | 10.9 | 9.8 | Ao | 2 | .. | 17092b |
| 70 | 12547 | 4.3 | −34 14 | 10.3 | 9.6 | K2 | 1 | .. | 40724b |
| 71 | 12298 | 4.3 | −36 21 | 9.3 | 9.6 | G5 | 1 | .. | 38804b |
| 72 | 12330 | 4.3 | −43 0 | 11.0 | 10.6 | F5 | 2 | .. | 21880b |
| 73 | 12331 | 4.3 | −43 57 | 9.9 | 9.6 | Ao | 5 | .. | 21880b |
| 74 | 12175 | 4.3 | −46 52 | 8.9 | 9.5 | K2 | 3 | .. | 19962b |
| 75 | 11769 | 4.3 | −50 32 | 11.0 | 10.4 | G5 | 1 | .. | 19962b |
| 76 | 11027 | 4.3 | −52 45 | *10.1* | 10.7 | Go | 2 | .. | 37621b |
| 77 | 7013 | 4.3 | −60 48 | *10.0* | 10.1 | A2 | 2 | .. | 42469b |
| 78 | 3637 | 4.3 | −65 52 | *8.8* | 9.6 | G5 | 1 | .. | 41598b |
| 79 | 169 | 4.4 | +87 25 | 8.2 | *8.5* | Fo | 2 | .. | 37294i |
| 80 | 3133 | 4.4 | +30 59 | 7.32 | *7.32* | Ao | 4 | 0,4 | 37828i |
| 81 | 3187 | 4.4 | +29 39 | 7.63 | *8.41* | G5 | 2 | .. | 38480i |
| 82 | 3674 | 4.4 | +20 48 | 4.32 | *4.15* | B3 | .. | .. | 2746c |
| 83 | 3865 | 4.4 | + 0 22 | 7.9 | *8.4* | F8 | 2 | .. | 37811i |
| 84 | 3426 | 4.4 | − 0 21 | 9.1 | *10.2* | K2 | 5 | .. | 38110b |
| 85 | 4568 | 4.4 | − 7 56 | 8.9 | *9.7* | G5 | 3 | .. | 40602b |
| 86 | 4844 | 4.4 | −15 20 | 10.6 | *10.6* | B9 | 3 | .. | 24169b |
| 87 | 4732 | 4.4 | −16 17 | 8.7 | *8.7* | B8 | 7 | .. | 24169b |
| 88 | 4815 | 4.4 | −18 13 | 9.4 | *9.2* | B2 | 4 | .. | 24169b |
| 89 | 4814 | 4.4 | −18 41 | 10.6 | *10.6* | Ao | 3 | .. | 24169b |
| 90 | 4882 | 4.4 | −21 18 | 10.3 | 9.4 | B9 | 4 | .. | 40711b |
| 91 | 14016 | 4.4 | −23 35 | 8.7 | 8.5 | F5 | 4 | .. | 40711b |
| 92 | 14017 | 4.4 | −23 56 | 8.9 | 7.9 | B5 | 4 | .. | 40711b |
| 93 | 12835 | 4.4 | −25 20 | 10.2 | 8.9 | B9 | 4 | .. | 40711b |
| 94 | 12884 | 4.4 | −26 3 | 7.28 | 8.0 | A3 | 8 | .. | 40711b |
| 95 | 12885 | 4.4 | −26 56 | 10.4 | 10.4 | Go | 1 | .. | 17092b |
| 96 | 12511 | 4.4 | −27 27 | 9.5 | 8.6 | B9 | 4 | .. | 17092b |
| 97 | 12917 | 4.4 | −33 49 | 6.24 | 6.1 | B5 | 6 | .. | 40724b |
| 98 | 12237 | 4.4 | −40 20 | 7.83 | 7.6 | B8 | 9 | .. | 21880b |
| 99 | 12177 | 4.4 | −46 4 | 8.6 | 8.9 | B9 | 7 | .. | 19962b |
| 100 | 11772 | 4.4 | −50 28 | 10.1 | 9.9 | A | 1 | .. | 19962b |



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## 166200

**18h 4m.4**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 8746 | 4.4 | −54 49 | *9.1* | 9.2 | A2 | 6 | .. | 37621b |
| 2 | 7237 | 4.4 | −59 32 | 8.8 | 9.5 | F8 | 3 | .. | 42469b |
| 3 | 7014 | 4.4 | −60 23 | *9.6* | 10.4 | G5 | 1 | .. | 42469b |
| 4 | 1674 | 4.4 | −74 47 | *8.5* | 8.9 | F5 | 4 | .. | 21336b |
| 5 | 269 | 4.5 | +86 37 | 4.44 | *4.44* | Ao | .. | R | 56,95 |
| 6 | 1595 | 4.5 | +62 15 | 8.6 | *9.1* | F8 | 2 | .. | 38505i |
| 7 | 2525 | 4.5 | +50 49 | 6.35 | *7.35* | Ko | 7 | .. | 38778i |
| 8 | 2892 | 4.5 | +43 27 | 5.11 | *5.89* | G5 | 10 | .. | 37844i |
| 9 | 3354 | 4.5 | +11 2 | 8.6 | *9.1* | F8 | 3 | .. | 9437b |
| 10 | 3405 | 4.5 | +10 35 | 8.5 | *9.6* | K2 | 2 | .. | 9437b |
| 11 | 3510 | 4.5 | + 2 35 | 8.4 | *8.4* | Ao | 3 | .. | 37811i |
| 12 | 3455 | 4.5 | − 1 9 | 8.5 | *8.6* | A3 | 7 | .. | 38110b |
| 13 | 4568 | 4.5 | − 8 33 | 9.7 | *10.1* | F5 | 1 | .. | 40602b |
| 14 | 4659 | 4.5 | − 9 15 | 9.2 | *10.0* | G5 | 1 | .. | 40602b |
| 15 | 4733 | 4.5 | −16 48 | 9.9 | *10.4* | F8 | 3 | .. | 24169b |
| 16 | 4816 | 4.5 | −18 32 | 9.7 | *9.8* | A5 | 4 | .. | 24169b |
| 17 | 12837 | 4.5 | −25 42 | 10.9 | 9.5 | Ao | 2 | .. | 40711b |
| 18 | 12513 | 4.5 | −27 34 | 11.2 | 9.8 | Ao | 2 | .. | 17092b |
| 19 | 12922 | 4.5 | −33 0 | 9.0 | 9.2 | G5 | 2 | .. | 40724b |
| 20 | 12557 | 4.5 | −38 13 | 8.6 | 9.1 | Fo | 5 | .. | 38804b |
| 21 | 12305 | 4.5 | −39 6 | 10.1 | 9.5 | Ao | 3 | .. | 21880b |
| 22 | 12500 | 4.5 | −41 27 | 10.3 | 10.3 | G5 | 4 | .. | 21880b |
| 23 | 12403 | 4.5 | −44 19 | 10.1 | 9.8 | Ao | 3 | .. | 19962b |
| 24 | 8748 | 4.5 | −54 24 | *9.2* | 9.8 | Go | 4 | .. | 37621b |
| 25 | 8931 | 4.5 | −57 55 | 8.9 | 10.0 | G5 | 2 | .. | 42469b |
| 26 | 3280 | 4.5 | −66 50 | *7.0* | 7.0 | B8 | 8 | .. | 41598b |
| 27 | 1596 | 4.6 | +62 18 | 8.3 | *9.3* | Ko | 2 | .. | 38505i |
| 28 | 2732 | 4.6 | +49 42 | 6.31 | *6.31* | Ao | 9 | .. | 38778i |
| 29 | 3027 | 4.6 | +36 23 | 5.67 | *6.67* | Ko | 8 | .. | 37871i |
| 30 | 3675 | 4.6 | +20 1 | 5.24 | *5.32* | A3 | .. | 1,10 | 2746c |
| 31 | 3584 | 4.6 | + 9 8 | 9.0 | *9.6* | Go | 2 | .. | 9437b |
| 32 | 3622 | 4.6 | + 4 10 | 9.1 | *10.3* | K5 | 1 | .. | 13401b |
| 33 | 3610 | 4.6 | + 3 58 | 5.67 | *6.01* | F2 | 8 | 3,9 | 37811i |
| 34 | 3611 | 4.6 | + 3 40 | 7.8 | *8.9* | K2 | 2 | .. | 37811i |
| 35 | 3866 | 4.6 | + 0 48 | 9.1 | *10.3* | K5 | 2 | .. | 38110b |
| 36 | 4244 | 4.6 | − 3 55 | 9.1 | *9.7* | Go | 2 | .. | 38110b |
| 37 | 4660 | 4.6 | − 9 42 | 9.4 | *9.4* | Ao | 3 | .. | 40602b |
| 38 | 4910 | 4.6 | −14 11 | 9.1 | *9.2* | A5 | 3 | .. | 40332b |
| 39 | 4817 | 4.6 | −18 12 | 11.0 | *12.2* | K5 | 1 | .. | 24169b |
| 40 | 4818 | 4.6 | −18 43 | 9.4 | *10.2* | G5 | 3 | .. | 24169b |
| 41 | 14239 | 4.6 | −28 5 | 9.2 | 9.2 | Go | 3 | .. | 17092b |
| 42 | 12303 | 4.6 | −36 17 | 9.9 | 9.6 | F8 | 1 | R | 38804b |
| 43 | 12560 | 4.6 | −38 28 | 10.8 | 10.3 | A3 | 2 | .. | 38804b |
| 44 | 12978 | 4.6 | −42 8 | 9.3 | 9.1 | F5 | 3 | .. | 19911b |
| 45 | 12975 | 4.6 | −42 39 | 8.5 | 7.3 | A2 | 7 | .. | 19911b |
| 46 | 12335 | 4.6 | −43 6 | 7.9 | 7.7 | Ao | 8 | .. | 19911b |
| 47 | 12180 | 4.6 | −46 46 | 10.1 | 10.1 | Go | 1 | .. | 19962b |
| 48 | 12107 | 4.6 | −47 24 | 8.9 | 9.3 | Ko | 5 | .. | 19962b |
| 49 | 11415 | 4.6 | −51 54 | 11.6 | 10.1 | F5 | 2 | .. | 37621b |
| 50 | 5808 | 4.6 | −62 58 | *8.2* | 9.2 | Ko | 3 | .. | 20144b |
| 51 | 4334 | 4.6 | −63 43 | 6.40 | 8.3 | K2 | 8 | .. | 20144b |
| 52 | 3640 | 4.6 | −65 13 | 7.90 | 8.1 | Fo | 7 | .. | 41598b |
| 53 | 2988 | 4.7 | +41 42 | 7.68 | *9.03* | Ma | 3 | 5,3 | 36189i |
| 54 | 3319 | 4.7 | +21 57 | 8.6 | *9.4* | G5 | 2 | .. | 37806i |
| 55 | 3436 | 4.7 | +14 0 | 7.8 | *7.8* | Ao | 4 | .. | 37959i |
| 56 | 3540 | 4.7 | +13 28 | 8.4 | *8.4* | Ao | 3 | .. | 37959i |
| 57 | 3638 | 4.7 | + 6 8 | 7.6 | *8.0* | F5 | 4 | .. | 37811i |
| 58 | 3867 | 4.7 | + 0 24 | 9.2 | *9.7* | F8 | 3 | .. | 38110b |
| 59 | 4245 | 4.7 | − 3 3 | 10.1 | *10.7* | Go | 1 | .. | 38110b |
| 60 | 4734 | 4.7 | −16 29 | 10.6 | *10.6* | B8 | 2 | .. | 24169b |
| 61 | 5048 | 4.7 | −17 47 | 8.5 | *8.5* | B9 | 8 | .. | 24169b |
| 62 | R | 4.7 | −19 5 | *10.3* | 10.3 | Ao | 2 | .. | 24169b |
| 63 | 4597 | 4.7 | −22 16 | 7.86 | 8.8 | G5 | 5 | .. | 40711b |
| 64 | 14241 | 4.7 | −28 20 | 9.0 | 8.4 | Ao | 7 | .. | 17092b |
| 65 | 14605 | 4.7 | −29 47 | 8.0 | 7.7 | A5 | 8 | .. | 17092b |
| 66 | 13844 | 4.7 | −32 12 | 10.6 | 9.4 | B9 | 1 | .. | 40724b |
| 67 | 12554 | 4.7 | −34 54 | 8.23 | 9.2 | Ko | 3 | .. | 38804b |
| 68 | 12242 | 4.7 | −40 26 | 8.6 | 9.1 | F2 | 5 | .. | 21880b |
| 69 | 12243 | 4.7 | −40 46 | 11.7 | 10.4 | Ao | 2 | .. | 21880b |
| 70 | 12337 | 4.7 | −43 59 | 9.7 | 10.3 | Ko | 4 | .. | 21880b |
| 71 | 12336 | 4.7 | −48 37 | 8.6 | 9.2 | Ao | 4 | .. | 19938b |
| 72 | 11417 | 4.7 | −51 7 | 10.1 | 9.8 | A5 | 3 | .. | 39457b |
| 73 | 8543 | 4.7 | −55 12 | *9.2* | 9.2 | Ao | 4 | .. | 17453b |
| 74 | 8545 | 4.7 | −55 38 | 8.2 | 8.8 | Ao | 7 | .. | 17453b |
| 75 | 2516 | 4.7 | −70 40 | *8.4* | 9.4 | Ko | 4 | 0,2 | 21336b |
| 76 | 3327 | 4.8 | +39 54 | 7.62 | *7.68* | A2 | 4 | 3,3 | 37844i |
| 77 | 3031 | 4.8 | +33 13 | 8.8 | *9.2* | F5 | 2 | .. | 37871i |
| 78 | 3180 | 4.8 | +31 26 | 8.47 | *8.75* | Fo | 2 | .. | 37828i |
| 79 | 3181 | 4.8 | +26 57 | 8.0 | *8.1* | A2 | 5 | .. | 37806i |
| 80 | 3342 | 4.8 | +24 56 | 6.76 | *6.76* | Ao | 9 | .. | 37806i |
| 81 | 3341 | 4.8 | +24 33 | 8.06 | *8.34* | Fo | 4 | .. | 37806i |
| 82 | 3404 | 4.8 | +12 23 | 7.98 | *9.05* | K2 | 2 | .. | 37959i |
| 83 | 3624 | 4.8 | + 4 35 | 8.0 | *8.0* | Ao | 4 | .. | 37811i |
| 84 | 3612 | 4.8 | + 3 11 | 7.30 | *8.37* | K2 | 7 | 0,4 | 13401b |
| 85 | 3613 | 4.8 | + 3 6 | 5.73 | *6.15* | F5 | 8 | 0,10 | 38464i |
| 86 | 4736 | 4.8 | −16 46 | 7.58 | *7.34* | B | 5 | 0,8 R | 43327b |
| 87 | 4737 | 4.8 | −16 50 | 7.6 | *7.4* | B3 | 8 | .. | 24169b |
| 88 | 5049 | 4.8 | −17 45 | 10.6 | *10.6* | B8 | 2 | .. | 24169b |
| 89 | 5050 | 4.8 | −17 57 | 9.4 | *10.5* | K2 | 3 | .. | 24169b |
| 90 | 4819 | 4.8 | −18 30 | 8.6 | *9.6* | Ko | 5 | .. | 24169b |
| 91 | 4882 | 4.8 | −19 12 | 9.1 | 8.6 | B3 | 5 | .. | 24169b |
| 92 | 4883 | 4.8 | −19 19 | 9.7 | 9.1 | Ao | 5 | .. | 24169b |
| 93 | 4884 | 4.8 | −21 20 | 8.7 | 7.9 | B8 | 6 | .. | 24169b |
| 94 | 4599 | 4.8 | −22 56 | 9.9 | 8.6 | B9 | 3 | .. | 40711b |
| 95 | 12844 | 4.8 | −25 47 | 6.89 | 8.1 | Ko | 7 | .. | 40711b |
| 96 | 14609 | 4.8 | −29 32 | 10.0 | 9.2 | Ao | 2 | .. | 17092b |
| 97 | 12924 | 4.8 | −33 21 | 7.49 | 8.2 | F5 | 7 | .. | 40724b |
| 98 | 12245 | 4.8 | −40 14 | 7.5 | 8.6 | Ko | 7 | .. | 21880b |
| 99 | 12982 | 4.8 | −42 48 | 9.3 | 10.6 | K5 | 2 | .. | 21880b |
| 100 | 3295 | 4.9 | +40 54 | 7.41 | *8.41* | Ko | 4 | .. | 37844i |



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166300 — $18^h\ 4^m.9$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3340 | 4.9 | +24 8 | 7.6 | *8.2* | Go | 6 | .. | 37806i |
| 2 | 3272 | 4.9 | +23 33 | 9.8 | *10.2* | F5 | 2 | .. | 37806i |
| 3 | 3639 | 4.9 | + 6 11 | 7.13 | *8.13* | Ko | 4 | .. | 37811i |
| 4 | 4739 | 4.9 | −16 44 | 9.7 | *9.6* | B5 | 4 | .. | 24169b |
| 5 | 5052 | 4.9 | −17 10 | 8.5 | *9.3* | G5 | 7 | R | 24169b |
| 6 | 5053 | 4.9 | −17 16 | 10.6 | *10.6* | Ao | 6 | .. | 24169b |
| 7 | 4885 | 4.9 | −21 14 | 8.9 | 8.5 | Ao | 4 | .. | 24169b |
| 8 | 12845 | 4.9 | −25 5 | 10.7 | 11.3 | A | 2 | .. | 40711b |
| 9 | 14610 | 4.9 | −29 40 | 7.7 | 8.8 | G5 | 6 | .. | 17092b |
| 10 | 14611 | 4.9 | −29 44 | 11.2 | 10.0 | G | 1 | .. | 17092b |
| 11 | 14612 | 4.9 | −29 55 | 8.32 | 8.2 | Ao | 7 | .. | 17092b |
| 12 | 15349 | 4.9 | −30 10 | 9.2 | 10.0 | Go | 2 | .. | 17092b |
| 13 | 15347 | 4.9 | −30 44 | 9.2 | 9.7 | A3 | 3 | .. | 17092b |
| 14 | 15351 | 4.9 | −30 47 | 10.4 | 10.0 | A2 | 3 | .. | 17092b |
| 15 | 12311 | 4.9 | −36 4 | 8.9 | 8.6 | B9 | 4 | .. | 38804b |
| 16 | 12246 | 4.9 | −40 50 | 8.6 | 10.4 | K2 | 2 | .. | 21880b |
| 17 | 11978 | 4.9 | −49 38 | 9.3 | 10.1 | K5 | 2 | .. | 19962b |
| 18 | 3281 | 4.9 | −66 50 | *8.9* | 8.9 | Ao | 4 | .. | 41598b |
| 19 | 1244 | 5.0 | +64 1 | 9.0 | *9.3* | Fo | 1 | .. | 38505i |
| 20 | 3356 | 5.0 | +11 56 | 8.4 | *9.5* | K2 | 2 | .. | 9437b |
| 21 | 4847 | 5.0 | −15 33 | 10.6 | *10.6* | Ao | 3 | .. | 24169b |
| 22 | 4823 | 5.0 | −18 51 | 9.7 | *9.7* | Ao | 5 | .. | 24169b |
| 23 | 4822 | 5.0 | −18 54 | 9.1 | *10.5* | Ma | .. | .. | M |
| 24 | 14033 | 5.0 | −23 22 | 8.3 | 9.1 | Ko | 4 | .. | 40711b |
| 25 | 12560 | 5.0 | −34 12 | 10.6 | 9.8 | Ao | 2 | .. | 40724b |
| 26 | 12357 | 5.0 | −35 3 | 6.99 | 7.4 | B8 | 7 | .. | 38804b |
| 27 | 12409 | 5.0 | −44 15 | 10.1 | 9.2 | B8 | 4 | .. | 19962b |
| 28 | 2518 | 5.0 | −70 7 | 8.52 | 9.4 | Ko | 3 | 0,2 | 21336b |
| 29 | 1292 | 5.0 | −77 42 | var. | var. | Ma | 1 | R | 19008b |
| 30 | 1240 | 5.1 | +65 43 | 7.70 | *7.70* | Ao | 8 | .. | 38505i |
| 31 | 3412 | 5.1 | +10 45 | 8.9 | *8.7* | B | 2 | .. | 9437b |
| 32 | 3620 | 5.1 | + 5 31 | 8.9 | *9.4* | F8 | 3 | .. | 9437b |
| 33 | 3627 | 5.1 | + 4 47 | 8.40 | *8.90* | F8 | 5 | 0,2 | 13401b |
| 34 | 3514 | 5.1 | + 2 22 | 8.9 | *8.9* | B9 | 7 | 1,2 | 13401b |
| 35 | 4938 | 5.1 | −12 12 | 9.7 | *9.8* | A2 | 1 | .. | 40332b |
| 36 | 4869 | 5.1 | −13 1 | 9.1 | *10.3* | K5 | 1 | .. | 40332b |
| 37 | 4824 | 5.1 | −18 34 | 8.0 | *8.5* | F8 | 7 | .. | 24169b |
| 38 | 4884 | 5.1 | −19 36 | 9.9 | 9.4 | Ao | 4 | .. | 24169b |
| 39 | 5018 | 5.1 | −20 54 | 9.4 | 8.8 | Ao | 4 | .. | 24169b |
| 40 | 12847 | 5.1 | −25 58 | 11.2 | 9.8 | A2 | 2 | .. | 17092b |
| 41 | 12906 | 5.1 | −26 40 | 9.7 | 9.5 | A5 | 3 | .. | 40711b |
| 42 | 14254 | 5.1 | −28 28 | 10.2 | 9.5 | Fo | 3 | .. | 17092b |
| 43 | 14616 | 5.1 | −29 5 | 10.4 | 10.3 | Ko | 2 | .. | 17092b |
| 44 | 15218 | 5.1 | −31 8 | 10.9 | 9.7 | Ao | 1 | .. | 40724b |
| 45 | 13852 | 5.1 | −32 26 | 8.6 | 8.5 | B8 | 6 | .. | 40724b |
| 46 | 12252 | 5.1 | −40 22 | 9.9 | 9.1 | B8 | 4 | .. | 21880b |
| 47 | 12344 | 5.1 | −43 3 | 9.7 | 9.6 | F8 | 4 | .. | 21880b |
| 48 | 12343 | 5.1 | −43 28 | 8.1 | 9.5 | Ma | 4 | .. | 21880b |
| 49 | 12342 | 5.1 | −43 40 | 10.6 | 9.8 | Ao | 4 | .. | 21880b |
| 50 | 12345 | 5.1 | −43 46 | 11.0 | 10.7 | Go | 2 | .. | 21880b |
| 51 | 12411 | 5.1 | −44 4 | 10.6 | 10.7 | Ko | 1 | .. | 21880b |
| 52 | 12191 | 5.1 | −46 18 | 11.0 | 10.1 | A2 | 2 | .. | 19962b |
| 53 | 12193 | 5.1 | −46 36 | 9.7 | 9.6 | Go | 3 | .. | 19962b |
| 54 | 12111 | 5.1 | −47 44 | 9.9 | 10.3 | Ko | 1 | .. | 19962b |
| 55 | 11031 | 5.1 | −52 21 | *9.6* | 10.1 | F8 | 2 | .. | 37621b |
| 56 | 1241 | 5.2 | +65 4 | 7.40 | *8.40* | Ko | 5 | .. | 38505i |
| 57 | 3346 | 5.2 | +24 8 | 8.6 | *9.6* | Ko | 3 | .. | 37806i |
| 58 | 3323 | 5.2 | +21 8 | 8.8 | *9.2* | F5 | 2 | .. | 37806i |
| 59 | 3615 | 5.2 | + 3 51 | 9.7 | *10.1* | F5 | 1 | .. | 13401b |
| 60 | 3430 | 5.2 | − 0 24 | 10.4 | *10.4* | Ao | 2 | .. | 38110b |
| 61 | 4548 | 5.2 | −11 2 | 7.72 | *8.79* | K2 | 6 | .. | 40332b |
| 62 | 4939 | 5.2 | −12 58 | 8.9 | *9.5* | Go | 3 | .. | 40332b |
| 63 | 4740 | 5.2 | −16 19 | 10.7 | *10.7* | B8 | 3 | .. | 24169b |
| 64 | 5054 | 5.2 | −17 31 | 10.6 | *10.6* | B8 | 4 | .. | 24169b |
| 65 | 12524 | 5.2 | −27 10 | 10.9 | 9.8 | B9 | 2 | .. | 17092b |
| 66 | 14619 | 5.2 | −29 14 | 9.0 | 9.7 | F5 | 4 | .. | 17092b |
| 67 | 15222 | 5.2 | −31 17 | 10.7 | 9.7 | B9 | 1 | .. | 40724b |
| 68 | 12564 | 5.2 | −34 25 | 9.9 | 8.6 | B9 | 4 | .. | 40724b |
| 69 | 12319 | 5.2 | −36 24 | 10.8 | 9.8 | B9 | 1 | .. | 38804b |
| 70 | 12316 | 5.2 | −39 22 | 8.9 | 8.2 | B9 | 9 | R | 21880b |
| 71 | 12254 | 5.2 | −40 39 | 10.8 | *11.6* | G5 | 1 | .. | 21880b |
| 72 | 12347 | 5.2 | −43 10 | 10.6 | 10.7 | F8 | 2 | .. | 21880b |
| 73 | 12412 | 5.2 | −44 35 | 9.7 | 9.6 | Ao | 3 | .. | 19962b |
| 74 | 12195 | 5.2 | −46 58 | 11.0 | 10.1 | A3 | 2 | .. | 19962b |
| 75 | 12114 | 5.2 | −47 33 | 11.0 | 10.1 | Ao | 1 | .. | 19962b |
| 76 | 11779 | 5.2 | −50 35 | 6.75 | 7.7 | Fo | 9 | .. | 19962b |
| 77 | 8670 | 5.2 | −56 56 | *10.0* | 10.0 | Ao | 2 | .. | 42469b |
| 78 | 3284 | 5.2 | −66 16 | *8.6* | 9.8 | K5 | 1 | .. | 41598b |
| 79 | 1077 | 5.3 | +66 56 | 6.87 | *7.29* | F5 | 5 | .. | 38095i |
| 80 | 1808 | 5.3 | +60 44 | 8.7 | *9.7* | Ko | 1 | .. | 38505i |
| 81 | 2033 | 5.3 | +53 10 | 7.9 | *8.9* | Ko | 1 | .. | 38778i |
| 82 | *3137* | 5.3 | +31 0 | var. | var. | Md | .. | R | M |
| 83 | 3871 | 5.3 | + 0 47 | 9.1 | *9.1* | Ao | 2 | .. | 13401b |
| 84 | 3870 | 5.3 | + 0 31 | 7.8 | *7.8* | Ao | 4 | .. | 37811i |
| 85 | 3431 | 5.3 | − 0 19 | 9.1 | *9.5* | F5 | 5 | .. | 38110b |
| 86 | 3456 | 5.3 | − 1 47 | 9.7 | *10.2* | F8 | 2 | .. | 38110b |
| 87 | 4914 | 5.3 | −14 45 | 8.11 | *9.18* | K2 | 7 | .. | 24169b |
| 88 | 4741 | 5.3 | −16 40 | 10.6 | *11.0* | F5 | 2 | .. | 24169b |
| 89 | 4742 | 5.3 | −16 46 | 10.6 | *10.6* | B8 | 4 | .. | 24169b |
| 90 | *4743* | 5.3 | −17 0 | 10.1 | *11.1* | K | 1 | .. | 24169b |
| 91 | 5055 | 5.3 | −17 24 | 8.9 | *9.7* | G5 | 4 | R | 24169b |
| 92 | | 5.3 | −17 24 | | | Ao | | | |
| 93 | 4886 | 5.3 | −19 52 | 6.33 | 5.9 | A2 | 7 | .. | 43327b |
| 94 | 12855 | 5.3 | −25 3 | 10.9 | 9.8 | Ao | 2 | .. | 40711b |
| 95 | 12527 | 5.3 | −27 25 | 11.2 | 9.8 | B8 | 1 | .. | 17092b |
| 96 | 14621 | 5.3 | −29 8 | 10.4 | 9.2 | B9 | 3 | .. | 17092b |
| 97 | 14623 | 5.3 | −29 53 | 9.12 | 9.1 | Ao | 5 | .. | 17092b |
| 98 | 15225 | 5.3 | −31 4 | 11.4 | 10.2 | A | 1 | .. | 40724b |
| 99 | 12567 | 5.3 | −34 37 | 8.6 | 8.3 | Ko | 2 | 0,1 | 40724b |
| 100 | 12293 | 5.3 | −37 4 | 8.9 | 8.1 | Ao | 7 | .. | 38804b |



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## 166400 — $18^h\ 5^m.3$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12294 | 5.3 | −37 40 | 10.3 | 9.6 | A2 | 3 | .. | 38804b |
| 2 | 12572 | 5.3 | −38 13 | 7.5 | 7.6 | Fo | 8 | .. | 38804b |
| 3 | 12262 | 5.3 | −40 2 | 9.3 | *10.3* | Ko | 1 | .. | 21880b |
| 4 | 12990 | 5.3 | −42 57 | 10.6 | 10.0 | B9 | 3 | .. | 21880b |
| 5 | 12281 | 5.3 | −45 16 | 9.9 | 9.8 | F5 | 2 | .. | 19962b |
| 6 | 12346 | 5.3 | −48 43 | 8.3 | 8.6 | Ao | 6 | .. | 19938b |
| 7 | 12418 | 5.4 | +65 56 | var. | var. | Md | .. | R | M |
| 8 | 2527 | 5.4 | +50 52 | 8.3 | *8.6* | Fo | 3 | .. | 38778i |
| 9 | 2829 | 5.4 | +44 6 | 6.64 | *7.06* | F5 | 7 | .. | 37844i |
| 10 | 3330 | 5.4 | +39 3 | 8.0 | *8.0* | Ao | 2 | .. | 37844i |
| 11 | 3138 | 5.4 | +30 26 | 6.64 | *7.71* | K2 | 4 | 0,3 | 38480i |
| 12 | 3290 | 5.4 | +22 58 | 8.5 | *9.1* | Go | 3 | .. | 37806i |
| 13 | 3414 | 5.4 | +10 3 | 9.32 | *9.32* | Ao | 3 | .. | 9437b |
| 14 | 3589 | 5.4 | + 9 15 | 9.1 | *9.7* | Go | 2 | .. | 9437b |
| 15 | 3517 | 5.4 | + 2 30 | 8.5 | *8.5* | Ao | 6 | 0,2 | 13401b |
| 16 | 3609 | 5.4 | + 1 44 | 9.7 | *9.7* | Ao | 2 | .. | 13401b |
| 17 | 4849 | 5.4 | −15 55 | 8.1 | *8.1* | B8 | 10 | .. | 24169b |
| 18 | 4744 | 5.4 | −16 44 | 8.7 | *8.5* | B3 | 7 | R | 24169b |
| 19 | .. | 5.4 | −17 9 | .. | .. | B8 | 2 | .. | 24169b |
| 20 | 4887 | 5.4 | −19 43 | 10.6 | 9.7 | A | 2 | .. | 24169b |
| 21 | 5019 | 5.4 | −20 12 | 9.9 | 10.0 | A | 3 | .. | 24169b |
| 22 | 14628 | 5.4 | −29 6 | 10.9 | 9.4 | B9 | 2 | .. | 17092b |
| 23 | 14626 | 5.4 | −29 57 | 9.42 | 9.4 | Fo | 2 | .. | 17092b |
| 24 | 15364 | 5.4 | −30 41 | 10.0 | 10.3 | Ko | 1 | .. | 17092b |
| 25 | 13858 | 5.4 | −32 40 | 8.3 | 8.2 | B8 | 7 | .. | 40724b |
| 26 | 12568 | 5.4 | −34 37 | 8.6 | 8.3 | Ao | 5 | .. | 38804b |
| 27 | 12522 | 5.4 | −41 44 | 8.3 | 7.6 | B9 | 9 | .. | 21880b |
| 28 | 12280 | 5.4 | −45 44 | 9.5 | 9.8 | G5 | 2 | .. | 19962b |
| 29 | 12117 | 5.4 | −47 48 | 8.7 | 9.8 | K5 | 2 | .. | 19962b |
| 30 | 11782 | 5.4 | −50 2 | 9.7 | 9.6 | A2 | 3 | .. | 19962b |
| 31 | 11423 | 5.4 | −51 58 | 10.6 | 10.4 | F8 | 2 | .. | 37621b |
| 32 | 11034 | 5.4 | −52 57 | *9.9* | 9.9 | Ao | 3 | .. | 37621b |
| 33 | 8674 | 5.4 | −56 39 | *9.2* | 10.6 | Ma | .. | .. | M |
| 34 | *2312* | 5.5 | +52 0 | 7.8 | *8.9* | K2 | 2 | .. | 38778i |
| 35 | 3190 | 5.5 | +29 56 | 7.01 | *7.57* | Go | 3 | .. | 38480i |
| 36 | 3184 | 5.5 | +26 56 | 9.3 | *9.4* | A3 | 2 | .. | 37806i |
| 37 | 3325 | 5.5 | +21 20 | 8.0 | *8.4* | F5 | 5 | .. | 37806i |
| 38 | 3619 | 5.5 | + 3 47 | 8.9 | *9.3* | F5 | 2 | .. | 37811i |
| 39 | *4564* | 5.5 | − 3 0 | 8.0 | *8.0* | Ao | 8 | .. | 38110b |
| 40 | 4870 | 5.5 | −13 57 | 9.7 | *9.8* | A5 | 2 | .. | 40332b |
| 41 | 4889 | 5.5 | −19 14 | 10.3 | 10.4 | K5 | 1 | .. | 24169b |
| 42 | 4888 | 5.5 | −19 28 | 8.9 | 9.4 | K5 | 3 | .. | 24169b |
| 43 | 5020 | 5.5 | −20 44 | 8.7 | 8.5 | Bo | 4 | .. | 40711b |
| 44 | 4889 | 5.5 | −21 22 | 10.8 | 9.7 | B9 | 2 | .. | 40711b |
| 45 | 14019 | 5.5 | −24 5 | 10.2 | 9.2 | B9 | 3 | .. | 40711b |
| 46 | 12915 | 5.5 | −26 2 | 9.5 | 9.5 | B9 | 2 | .. | 40711b |
| 47 | 14262 | 5.5 | −28 3 | 7.9 | 8.6 | K5 | 5 | .. | 17092b |
| 48 | 15229 | 5.5 | −31 17 | 10.2 | 9.2 | Ao | 3 | .. | 40724b |
| 49 | 12935 | 5.5 | −33 53 | Neb. | Neb. | Pb | .. | R | **76,23** |
| 50 | 12573 | 5.5 | −34 6 | 7.11 | 7.2 | B8 | 9 | .. | 40724b |
| 51 | 12368 | 5.5 | −35 8 | 8.88 | 9.2 | Ao | 3 | .. | 38804b |
| 52 | 12573 | 5.5 | −38 30 | 10.8 | 9.7 | Ao | 3 | .. | 38804b |
| 53 | 12322 | 5.5 | −39 22 | 6.96 | 7.1 | B8 | 10 | .. | 21880b |
| 54 | 12320 | 5.5 | −39 36 | 7.9 | 7.9 | Ao | 8 | .. | 21880b |
| 55 | 11986 | 5.5 | −49 50 | 9.60 | 9.5 | Ao | 4 | .. | 19962b |
| 56 | 11985 | 5.5 | −49 57 | 9.04 | 10.1 | Ma | 1 | .. | 19962b |
| 57 | 6119 | 5.5 | −61 40 | 8.2 | 8.9 | A2 | 5 | 0,4 | 42469b |
| 58 | 3010 | 5.6 | +42 37 | 8.3 | *8.3* | B9 | 4 | .. | 37844i |
| 59 | 3599 | 5.6 | + 8 48 | 8.5 | *8.8* | F2 | 4 | .. | 9437b |
| 60 | 3620 | 5.6 | + 3 18 | 5.70 | *6.70* | Ko | 7 | 2,9 | 38464i |
| 61 | 3872 | 5.6 | + 0 33 | 9.2 | *9.3* | A2 | 3 | .. | 13401b |
| 62 | 4918 | 5.6 | −14 27 | 8.7 | *8.7* | Ao | 5 | .. | 24169b |
| 63 | 5056 | 5.6 | −17 20 | 11.0 | *11.8* | G5 | 1 | .. | 24169b |
| 64 | 14047 | 5.6 | −23 43 | 5.13 | 6.9 | Ko | .. | .. | **56,141** |
| 65 | 14024 | 5.6 | −24 1 | 10.0 | 9.2 | B8 | 3 | .. | 40711b |
| 66 | 12861 | 5.6 | −25 6 | 11.4 | 9.5 | A | 2 | .. | 40711b |
| 67 | 12918 | 5.6 | −26 2 | 10.7 | 8.9 | Ao | 3 | .. | 40711b |
| 68 | 14266 | 5.6 | −28 12 | Neb. | Neb. | Pc | .. | R | **76,23** |
| 69 | 14268 | 5.6 | −28 56 | 6.38 | 6.2 | Aop | .. | R | 43885b |
| 70 | 14632 | 5.6 | −29 36 | 7.9 | 8.2 | B9 | 10 | .. | 17092b |
| 71 | 12576 | 5.6 | −34 16 | 8.9 | 9.3 | K2 | 2 | .. | 40724b |
| 72 | 12575 | 5.6 | −34 53 | 9.28 | 9.2 | A2 | 2 | .. | 40724b |
| 73 | 12303 | 5.6 | −37 46 | 7.5 | 7.7 | A5 | 7 | .. | 38804b |
| 74 | 12286 | 5.6 | −45 29 | 9.9 | 9.6 | Ao | 3 | .. | 19962b |
| 75 | 8761 | 5.6 | −54 24 | 8.0 | 9.1 | Ko | 5 | .. | 37621b |
| 76 | 7355 | 5.6 | −58 44 | 8.1 | 8.9 | Ko | 5 | .. | 17453b |
| 77 | 7015 | 5.6 | −60 48 | 9.2 | 9.6 | Go | 2 | .. | 42484b |
| 78 | 1597 | 5.7 | +62 56 | 8.5 | *9.5* | Ko | 3 | .. | 38505i |
| 79 | 3390 | 5.7 | +16 27 | 6.14 | *6.48* | F2 | 7 | R | 20915i |
| 80 | | 5.7 | +16 27 | | | Ao | | | |
| 81 | 4605 | 5.7 | −22 8 | 9.7 | 9.1 | B | 3 | .. | 40711b |
| 82 | 12862 | 5.7 | −25 5 | 10.4 | 9.5 | A | 2 | .. | 40711b |
| 83 | 12533 | 5.7 | −27 50 | 8.7 | 9.3 | Ko | 3 | .. | 17092b |
| 84 | 13861 | 5.7 | −32 18 | 8.3 | 9.1 | G5 | 3 | .. | 40724b |
| 85 | 12324 | 5.7 | −39 2 | 9.9 | 10.0 | Ko | 2 | .. | 21880b |
| 86 | 13000 | 5.7 | −42 14 | 10.1 | *11.2* | K2 | 1 | .. | 21880b |
| 87 | 13001 | 5.7 | −42 54 | 11.6 | *11.6* | Ao | 1 | .. | 21880b |
| 88 | 12285 | 5.7 | −45 42 | 9.0 | 8.9 | Fo | 8 | .. | 19962b |
| 89 | 12201 | 5.7 | −46 44 | 9.2 | 9.5 | K2 | 3 | .. | 19962b |
| 90 | 12349 | 5.7 | −48 59 | 9.0 | 9.0 | F5 | 4 | .. | 19962b |
| 91 | 11785 | 5.7 | −50 48 | 10.6 | 10.7 | K2 | 1 | .. | 39457b |
| 92 | 8553 | 5.7 | −55 40 | 9.2 | 10.6 | K5 | 1 | .. | 37621b |
| 93 | 481 | 5.7 | −85 4 | *9.5* | 9.6 | A3 | 1 | .. | 14161b |
| 94 | 2068 | 5.8 | +56 47 | 8.2 | *9.2* | Ko | 5 | .. | 38015i |
| 95 | 3351 | 5.8 | +24 9 | 8.6 | *9.6* | Ko | 3 | .. | 37806i |
| 96 | 3416 | 5.8 | +10 33 | 8.9 | *9.0* | A2 | 4 | .. | 9437b |
| 97 | 3592 | 5.8 | + 9 56 | 9.7 | *10.0* | F | 1 | .. | 9437b |
| 98 | 3578 | 5.8 | + 7 36 | 7.44 | *8.51* | K2 | 3 | .. | 37811i |
| 99 | 3633 | 5.8 | + 4 24 | 7.6 | *8.6* | Ko | 3 | .. | 37811i |
| 100 | 3873 | 5.8 | + 0 28 | 9.2 | *9.8* | Go | 1 | .. | 13401b |



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166500 — 18h 5m.8

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4892 | 5.8 | −19 4 | 9.4 | 8.8 | B9 | 5 | .. | 24169b |
| 2 | 4891 | 5.8 | −21 28 | 10.1 | 10.3 | G5 | 2 | .. | 40711b |
| 3 | 14051 | 5.8 | −23 52 | 9.5 | 9.1 | B9 | 3 | .. | 40711b |
| 4 | 12923 | 5.8 | −26 41 | 10.9 | 10.3 | G5 | 1 | .. | 17092b |
| 5 | 14273 | 5.8 | −28 15 | 10.7 | 10.0 | G5 | 1 | .. | 17092b |
| 6 | 14272 | 5.8 | −28 38 | 10.4 | 9.5 | Fo | 3 | .. | 17092b |
| 7 | 14636 | 5.8 | −29 53 | var. | var. | Ma | 1 | R | 17092b |
| 8 | 12326 | 5.8 | −39 45 | 10.6 | 10.0 | Ao | 3 | .. | 21880b |
| 9 | 12267 | 5.8 | −40 26 | 10.8 | 10.6 | F8 | 2 | .. | 21880b |
| 10 | 13004 | 5.8 | −42 25 | 9.9 | 8.5 | Ao | 4 | .. | 19911b |
| 11 | 13003 | 5.8 | −42 46 | 10.6 | 10.3 | Ao | 2 | .. | 21880b |
| 12 | 12417 | 5.8 | −44 5 | 9.9 | 10.6 | Ko | 2 | .. | 21880b |
| 13 | 11035 | 5.8 | −52 33 | *9.4* | 9.8 | F5 | 3 | .. | 37621b |
| 14 | 8765 | 5.8 | −54 46 | *9.7* | 9.7 | Ao | 5 | .. | 37621b |
| 15 | 7016 | 5.8 | −60 2 | *10.4* | 10.4 | Ao | 2 | .. | 42469b |
| 16 | 2897 | 5.9 | +43 31 | 8.1 | *9.1* | Ko | 4 | .. | 37844i |
| 17 | 3036 | 5.9 | +36 30 | 8.0 | *8.1* | A2 | 3 | .. | 37871i |
| 18 | 3601 | 5.9 | + 8 27 | 8.6 | *9.7* | K2 | 2 | .. | 9437b |
| 19 | 3611 | 5.9 | + 1 50 | 9.7 | *9.7* | Ao | 1 | .. | 13401b |
| 20 | 3432 | 5.9 | − 0 2 | 9.08 | *10.08* | Ko | 3 | .. | 13401b |
| 21 | 4554 | 5.9 | −11 20 | 7.46 | *8.24* | G5 | 8 | .. | 40332b |
| 22 | 4852 | 5.9 | −15 27 | 10.1 | *10.1* | Ao | 3 | .. | 24169b |
| 23 | 4851 | 5.9 | −15 44 | 9.7 | *9.7* | B8 | 4 | .. | 24169b |
| 24 | 4826 | 5.9 | −18 25 | 9.9 | *9.7* | B | 2 | .. | 24169b |
| 25 | .. | 5.9 | −18 42 | .. | .. | G5 | 3 | .. | 24169b |
| 26 | 5025 | 5.9 | −20 22 | 10.1 | 9.7 | K5 | 2 | .. | 24169b |
| 27 | 5024 | 5.9 | −20 36 | 9.4 | 9.1 | Ao | 3 | .. | 24169b |
| 28 | 14030 | 5.9 | −24 8 | 10.4 | 9.2 | B8 | 3 | .. | 40711b |
| 29 | 12925 | 5.9 | −26 26 | 8.7 | 8.3 | Ao | 6 | .. | 40711b |
| 30 | 12537 | 5.9 | −27 27 | 10.7 | 9.3 | B9 | 3 | .. | 17092b |
| 31 | 14637 | 5.9 | −29 2 | 8.5 | 9.7 | K5 | 3 | .. | 17092b |
| 32 | 12329 | 5.9 | −36 30 | 8.3 | 8.0 | B9 | 7 | .. | 38804b |
| 33 | 13005 | 5.9 | −42 19 | 8.4 | 7.9 | F2 | 6 | .. | 19911b |
| 34 | 12354 | 5.9 | −43 43 | 11.6 | .. | R | .. | .. | M |
| 35 | 11786 | 5.9 | −50 26 | 9.3 | 9.2 | Ao | 4 | .. | 19962b |
| 36 | 9001 | 5.9 | −53 12 | 9.0 | 8.8 | Ao | 7 | .. | 37621b |
| 37 | 3165 | 6.0 | +35 29 | 9.0 | *10.4* | Ma | .. | .. | M |
| 38 | 4853 | 6.0 | −15 14 | 8.6 | *8.9* | Fo | 7 | .. | 24169b |
| 39 | 4854 | 6.0 | −15 37 | 8.9 | *8.7* | B2 | 6 | .. | 24169b |
| 40 | 4747 | 6.0 | −16 55 | 8.3 | *8.1* | B2 | 2 | .. | 43227b |
| 41 | .. | 6.0 | −18 1 | .. | .. | Ao | 4 | .. | 24169b |
| 42 | 4827 | 6.0 | −18 30 | 10.3 | *10.3* | Ao | 3 | .. | 24169b |
| 43 | 4828 | 6.0 | −18 42 | 9.9 | *11.0* | K2 | 2 | .. | 24169b |
| 44 | 4893 | 6.0 | −19 45 | 10.3 | 9.7 | G5 | 3 | .. | 24169b |
| 45 | 5026 | 6.0 | −20 12 | 10.1 | 10.3 | A2 | 2 | .. | 24169b |
| 46 | 5027 | 6.0 | −20 27 | 7.17 | 6.6 | B1 | 4 | .. | 44641b |
| 47 | *12543* | 6.0 | −28 0 | 10.9 | 9.3 | B9 | 3 | .. | 17092b |
| 48 | 14640 | 6.0 | −29 30 | 9.5 | 9.4 | B8 | 5 | .. | 17092b |
| 49 | 14639 | 6.0 | −29 51 | 10.9 | 10.0 | Ao | 2 | .. | 17092b |
| 50 | 15381 | 6.0 | −30 2 | 8.22 | 8.8 | G5 | 6 | .. | 17092b |
| 51 | 13869 | 6.0 | −32 19 | 10.8 | 9.7 | Ao | 2 | .. | 40724b |
| 52 | 12309 | 6.0 | −37 13 | 9.3 | 8.9 | A5 | 4 | .. | 38804b |
| 53 | 12330 | 6.0 | −39 11 | 7.23 | 7.6 | Go | 8 | .. | 21880b |
| 54 | 12204 | 6.0 | −46 45 | 10.3 | 9.8 | Ao | 2 | .. | 19962b |
| 55 | 11038 | 6.0 | −52 43 | *10.1* | 10.1 | Ao | 2 | .. | 37621b |
| 56 | 8767 | 6.0 | −54 17 | *9.5* | 10.5 | Ko | 1 | .. | 37621b |
| 57 | 8557 | 6.0 | −55 34 | 8.1 | 9.7 | K5 | 4 | .. | 37621b |
| 58 | 1722 | 6.1 | +61 14 | 9.3 | *9.3* | Ao | 2 | .. | 38505i |
| 59 | 2589 | 6.1 | +47 6 | 8.22 | *9.22* | Ko | 2 | .. | 37844i |
| 60 | 3352 | 6.1 | +24 47 | 8.6 | *10.0* | Ma | 2 | .. | 37806i |
| 61 | 3415 | 6.1 | +12 40 | 8.5 | *8.6* | A2 | 2 | .. | 37959i |
| 62 | 3434 | 6.1 | − 0 40 | 7.9 | *9.0* | K2 | 6 | .. | 13401b |
| 63 | 4586 | 6.1 | − 5 14 | 6.64 | *6.62* | B9 | 10 | .. | 38110b |
| 64 | 4920 | 6.1 | −14 1 | 9.9 | *9.9* | Ao | 1 | .. | 40332b |
| 65 | 4855 | 6.1 | −15 26 | 10.3 | *11.3* | K | 1 | .. | 24169b |
| 66 | 4856 | 6.1 | −15 42 | 8.1 | *7.9* | B2 | 10 | .. | 24169b |
| 67 | 4748 | 6.1 | −16 45 | 10.1 | *11.3* | K5 | 1 | .. | 24169b |
| 68 | 4829 | 6.1 | −18 45 | 10.3 | *10.1* | B2 | 5 | .. | 24169b |
| 69 | 4894 | 6.1 | −19 5 | 9.4 | 8.9 | B | 5 | .. | 24169b |
| 70 | 12547 | 6.1 | −27 39 | 10.7 | 9.8 | Fo | 2 | .. | 17092b |
| 71 | 14642 | 6.1 | −29 22 | 9.3 | 9.1 | A3 | 5 | .. | 17092b |
| 72 | 15245 | 6.1 | −31 14 | 10.2 | 9.7 | A2 | 3 | .. | 40724b |
| 73 | 13008 | 6.1 | −42 15 | 10.1 | 10.0 | F8 | 4 | .. | 21880b |
| 74 | 12296 | 6.1 | −45 22 | 9.9 | 10.1 | Go | 2 | .. | 19962b |
| 75 | 11040 | 6.1 | −52 52 | 8.8 | 10.1 | Ma | 2 | .. | 37621b |
| 76 | 8771 | 6.1 | −54 5 | 8.4 | 9.2 | G5 | 6 | .. | 37621b |
| 77 | 7017 | 6.1 | −60 24 | 9.2 | 10.4 | Ko | 1 | .. | 42469b |
| 78 | 1245 | 6.2 | +64 12 | 6.81 | *7.81* | Ko | 6 | .. | 38505i |
| 79 | 1789 | 6.2 | +58 58 | 8.04 | *8.82* | G5 | 2 | .. | 38505i |
| 80 | 3580 | 6.2 | +18 16 | 7.6 | *7.7* | A3 | 2 | .. | 20915b |
| 81 | 3393 | 6.2 | +16 2 | 7.7 | *8.8* | K2 | 2 | .. | 37959i |
| 82 | 3630 | 6.2 | + 5 38 | 8.4 | *8.5* | A2 | 4 | .. | 37811i |
| 83 | 3612 | 6.2 | + 1 57 | 8.0 | *9.1* | K2 | 6 | 3,2 | 13401b |
| 84 | 4587 | 6.2 | − 5 46 | 9.4 | *10.0* | Go | 1 | .. | 38110b |
| 85 | 4722 | 6.2 | − 6 4 | 8.9 | *9.7* | G5 | 3 | .. | 38110b |
| 86 | 4857 | 6.2 | −15 7 | 10.1 | *9.9* | B | 2 | .. | 40332b |
| 87 | *5059* | 6.2 | −18 0 | 9.9 | *9.9* | Ao | 6 | .. | 24169b |
| 88 | 4894 | 6.2 | −21 16 | 9.9 | 9.9 | Ko | 2 | .. | 40711b |
| 89 | 12928 | 6.2 | −26 20 | 11.2 | 10.4 | Ao | 1 | .. | 17092b |
| 90 | 12549 | 6.2 | −27 57 | 9.3 | 8.9 | A2p | 3 | R | 17092b |
| 91 | 14280 | 6.2 | −28 16 | 9.5 | 9.5 | G5 | 3 | .. | 17092b |
| 92 | 15384 | 6.2 | −30 49 | 10.4 | 10.3 | Ko | 1 | .. | 17092b |
| 93 | 12379 | 6.2 | −35 14 | 8.6 | 8.4 | B8 | 6 | .. | 38804b |
| 94 | 12331 | 6.2 | −36 52 | 9.9 | 9.2 | A3 | 3 | .. | 38804b |
| 95 | 12338 | 6.2 | −39 28 | 11.0 | 10.4 | Go | 2 | .. | 21880b |
| 96 | 12534 | 6.2 | −41 22 | 5.52 | 5.3 | B3 | .. | .. | **56**,141 |
| 97 | 11431 | 6.2 | −51 1 | 9.5 | 10.1 | K2 | 2 | .. | 39457b |
| 98 | 11041 | 6.2 | −52 21 | *10.1* | 10.7 | Go | 2 | .. | 37621b |
| 99 | 4343 | 6.2 | −63 5 | 5.61 | 7.1 | Ko | .. | .. | **28**,213 |
| 100 | 3138 | 6.3 | +34 13 | 8.2 | *8.8* | Go | 2 | .. | 37871i |



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## 166600 — $18^h\ 6^m.3$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3142 | 6.3 | +30 49 | 8.02 | *8.52* | F8 | 2 | .. | 37828i |
| 2 | 3328 | 6.3 | +21 0 | 8.6 | *8.6* | B9 | 6 | .. | 37806i |
| 3 | 3417 | 6.3 | +12 49 | 8.9 | *8.9* | A | 1 | .. | 37959i |
| 4 | 3435 | 6.3 | − 0 44 | 9.7 | *10.0* | Fo | 4 | .. | 38110b |
| 5 | 3457 | 6.3 | − 1 54 | 10.0 | *11.2* | K5 | 2 | .. | 38110b |
| 6 | 4669 | 6.3 | − 9 34 | 8.3 | *8.3* | Ao | 6 | .. | 40602b |
| 7 | 4923 | 6.3 | −14 47 | 9.7 | *9.7* | B8 | 5 | 1,3 | 24169b |
| 8 | 4924 | 6.3 | −14 51 | 9.9 | *10.3* | F5 | 2 | .. | 40332b |
| 9 | 4830 | 6.3 | −18 28 | 9.9 | *9.9* | Ao | 5 | .. | 24169b |
| 10 | 5028 | 6.3 | −20 44 | 10.8 | 9.9 | Ao | 2 | .. | 40711b |
| 11 | 12929 | 6.3 | −26 45 | 9.3 | 9.8 | B | 1 | .. | 17092b |
| 12 | 14282 | 6.3 | −28 16 | 7.37 | 8.0 | F5 | 8 | R | 17092b |
| 13 | | 6.3 | −28 16 | | | A | | | |
| 14 | 14647 | 6.3 | −29 58 | 10.9 | 10.0 | B9 | 2 | .. | 17092b |
| 15 | 12590 | 6.3 | −34 21 | 9.9 | 9.2 | F2 | 3 | .. | 40724b |
| 16 | 12334 | 6.3 | −36 15 | 10.3 | 8.9 | B9 | 5 | .. | 38804b |
| 17 | 12341 | 6.3 | −39 17 | 7.5 | 7.6 | B9 | 9 | .. | 21880b |
| 18 | 12536 | 6.3 | −41 25 | 9.3 | 9.4 | A3 | 5 | .. | 21880b |
| 19 | 12422 | 6.3 | −44 32 | 9.2 | 9.8 | Ko | 3 | .. | 19962b |
| 20 | 3095 | 6.4 | +38 28 | 6.40 | *7.40* | Ko | 5 | .. | 38500i |
| 21 | 3582 | 6.4 | +18 28 | 7.20 | *7.26* | A2 | 6 | .. | 37959i |
| 22 | 3614 | 6.4 | + 1 6 | 8.89 | *9.31* | F5 | 4 | .. | 13401b |
| 23 | 4875 | 6.4 | −13 50 | 9.4 | *10.6* | K5 | 1 | .. | 40332b |
| 24 | 4926 | 6.4 | −14 57 | 10.1 | *11.1* | Ko | 2 | .. | 24169b |
| 25 | 4859 | 6.4 | −15 18 | 9.7 | *10.7* | Ko | 3 | .. | 24169b |
| 26 | 5064 | 6.4 | −17 25 | 9.4 | *9.7* | Fo | 6 | .. | 24169b |
| 27 | 5063 | 6.4 | −17 37 | 10.3 | *10.3* | B8 | 3 | .. | 24169b |
| 28 | 4895 | 6.4 | −19 28 | 7.14 | 7.3 | B2 | 8 | .. | 24169b |
| 29 | 12554 | 6.4 | −27 10 | 10.7 | 8.9 | B9 | 5 | .. | 17092b |
| 30 | 12555 | 6.4 | −27 38 | 9.5 | 8.9 | A2 | 4 | .. | 17092b |
| 31 | 14286 | 6.4 | −28 59 | 10.0 | 9.0 | Ao | 5 | .. | 17092b |
| 32 | 15390 | 6.4 | −30 58 | 8.9 | 8.8 | A2 | 5 | .. | 40724b |
| 33 | 15249 | 6.4 | −31 35 | 10.2 | 9.4 | B9 | 3 | .. | 40724b |
| 34 | 13880 | 6.4 | −32 18 | 10.8 | 9.7 | B9 | 2 | .. | 40724b |
| 35 | 13013 | 6.4 | −42 17 | 10.3 | 10.6 | Ko | 1 | .. | 21880b |
| 36 | 12209 | 6.4 | −46 20 | 7.3 | 7.5 | Ao | .. | .. | **28**,213 |
| 37 | 12130 | 6.4 | −47 8 | 9.5 | 9.6 | F2 | 5 | .. | 19962b |
| 38 | 1724 | 6.5 | +61 13 | 8.8 | *9.1* | F | 1 | .. | 38505i |
| 39 | *1791* | 6.5 | +59 0 | 8.08 | *8.08* | Ao | 5 | .. | 38505i |
| 40 | 3039 | 6.5 | +36 26 | 5.87 | *6.65* | G5 | 8 | .. | 37871i |
| 41 | 3524 | 6.5 | + 2 8 | 8.3 | *9.4* | K2 | 4 | 2,1 | 13401b |
| 42 | 4566 | 6.5 | − 2 45 | 7.23 | *8.23* | Ko | 8 | .. | 38110b |
| 43 | 4877 | 6.5 | −13 33 | 9.4 | *10.0* | Go | 2 | .. | 40332b |
| 44 | 4928 | 6.5 | −14 2 | 9.4 | *9.7* | Fo | 4 | .. | 40332b |
| 45 | .. | 6.5 | −17 43 | .. | .. | B9 | 2 | .. | 24169b |
| 46 | 4898 | 6.5 | −21 30 | 10.7 | 9.9 | B9 | 7 | .. | 40711b |
| 47 | 13884 | 6.5 | −32 6 | 8.3 | 9.7 | K2 | 1 | .. | 40724b |
| 48 | 13885 | 6.5 | −32 45 | 8.6 | 9.4 | Ko | 2 | .. | 40724b |
| 49 | 12343 | 6.5 | −39 44 | 8.0 | 7.6 | F5 | 8 | .. | 21880b |
| 50 | 12300 | 6.5 | −45 1 | 9.7 | 9.6 | A2 | 3 | .. | 19962b |
| 51 | 12358 | 6.5 | −48 34 | 8.3 | 8.6 | Fo | 7 | .. | 19962b |
| 52 | 11044 | 6.5 | −52 57 | *9.5* | 10.1 | Go | 3 | .. | 37621b |
| 53 | 8940 | 6.5 | −57 53 | 7.3 | 8.5 | G5 | 7 | .. | 42469b |
| 54 | 1893 | 6.5 | −73 6 | *8.6* | 9.2 | Go | 3 | .. | 21336b |
| 55 | 655 | 6.6 | +75 47 | 6.82 | *6.82* | Ao | 6 | .. | 38044i |
| 56 | 3336 | 6.6 | +39 51 | 8.02 | *8.08* | A2 | 3 | .. | 37844i |
| 57 | 3295 | 6.6 | +22 52 | 8.4 | *8.4* | Ao | 4 | .. | 37806i |
| 58 | 3633 | 6.6 | + 5 24 | 10.4 | *10.4* | Ao | 2 | .. | 9437b |
| 59 | 3876 | 6.6 | + 0 6 | 8.88 | *8.88* | Ao | 5 | .. | 13401b |
| 60 | 3437 | 6.6 | − 0 10 | 10.0 | *11.2* | K5 | 1 | .. | 38110b |
| 61 | 3436 | 6.6 | − 0 24 | 10.4 | *10.5* | A5 | 3 | .. | 38110b |
| 62 | 4589 | 6.6 | − 5 39 | 7.01 | *7.07* | A2 | 9 | .. | 38110b |
| 63 | 4723 | 6.6 | − 6 17 | 9.9 | *10.9* | Ko | 1 | .. | 38110b |
| 64 | 4571 | 6.6 | − 8 45 | 7.04 | *7.18* | A5 | 9 | .. | 40602b |
| 65 | 4624 | 6.6 | −10 4 | 9.81 | *9.87* | A2 | 2 | .. | 40602b |
| 66 | 4861 | 6.6 | −15 36 | 9.4 | *9.2* | B3 | 4 | .. | 24169b |
| 67 | 4751 | 6.6 | −16 37 | 10.6 | *10.6* | Ao | 3 | .. | 24169b |
| 68 | 4832 | 6.6 | −18 53 | 9.4 | *9.7* | Fo | 5 | .. | 24169b |
| 69 | 14042 | 6.6 | −24 31 | 9.5 | 9.5 | A5 | 3 | .. | 40711b |
| 70 | 14038 | 6.6 | −24 41 | 10.0 | 9.0 | B9 | 4 | .. | 40711b |
| 71 | 14290 | 6.6 | −28 19 | 10.4 | 9.2 | Ao | 3 | .. | 17092b |
| 72 | 13888 | 6.6 | −32 11 | 10.3 | 10.0 | Ao | 1 | .. | 40724b |
| 73 | 13887 | 6.6 | −32 25 | 8.9 | 9.1 | B8 | 3 | .. | 40724b |
| 74 | 12345 | 6.6 | −39 23 | 10.8 | 10.6 | Ao | 2 | .. | 21880b |
| 75 | 12364 | 6.6 | −43 14 | 6.9 | 8.0 | G5 | 8 | .. | 21880b |
| 76 | 12427 | 6.6 | −44 15 | 9.7 | 9.5 | A2 | 3 | .. | 19962b |
| 77 | 12428 | 6.6 | −44 41 | 7.52 | 8.6 | Ko | 6 | .. | 19962b |
| 78 | 12301 | 6.6 | −45 44 | 10.3 | 9.8 | Ao | 3 | .. | 19962b |
| 79 | 9011 | 6.6 | −53 6 | 8.0 | 8.8 | Ko | 5 | .. | 37621b |
| 80 | 8563 | 6.6 | −55 59 | 8.6 | 10.0 | K2 | 1 | .. | 42469b |
| 81 | 7360 | 6.6 | −58 4 | 8.5 | 9.2 | G5 | 3 | .. | 42469b |
| 82 | 3061 | 6.7 | +32 20 | 8.0 | *8.1* | A2 | 3 | .. | 37828i |
| 83 | 3195 | 6.7 | +29 4 | 8.2 | *9.0* | G5 | 1 | .. | 38480i |
| 84 | 3544 | 6.7 | +19 53 | 8.45 | *8.45* | Ao | 3 | .. | 37806i |
| 85 | 3368 | 6.7 | +11 30 | 8.1 | *8.9* | G5 | 2 | .. | 37959i |
| 86 | 3877 | 6.7 | + 0 48 | 9.1 | *9.2* | A2 | 3 | .. | 13401b |
| 87 | 3458 | 6.7 | − 1 5 | 9.7 | *10.7* | Ko | 1 | .. | 38110b |
| 88 | 4862 | 6.7 | −15 12 | 9.1 | *10.1* | Ko | 7 | .. | 24169b |
| 89 | 4752 | 6.7 | −16 24 | 7.34 | *7.10* | Bo | 6 | .. | 43327b |
| 90 | 5065 | 6.7 | −17 58 | 10.6 | *11.4* | G5 | 2 | .. | 24169b |
| 91 | 4834 | 6.7 | −18 26 | 9.2 | *9.2* | Ao | 9 | .. | 24169b |
| 92 | 5030 | 6.7 | −20 29 | 9.4 | 9.2 | Ao | 3 | .. | 24169b |
| 93 | 4900 | 6.7 | −21 1 | 8.9 | 8.5 | B8 | 4 | .. | 40711b |
| 94 | 14066 | 6.7 | −23 36 | 9.0 | 9.4 | K2 | 3 | .. | 40711b |
| 95 | 14291 | 6.7 | −28 21 | 10.0 | 9.0 | Ao | 5 | .. | 17092b |
| 96 | 14659 | 6.7 | −29 44 | 10.0 | 10.2 | K5 | 2 | .. | 17092b |
| 97 | 15258 | 6.7 | −31 7 | 11.2 | 10.0 | Ao | 2 | .. | 40724b |
| 98 | 12959 | 6.7 | −33 34 | 8.3 | 9.7 | Ko | 2 | .. | 40724b |
| 99 | 12342 | 6.7 | −36 46 | 8.6 | 9.2 | K2 | 3 | .. | 38804b |
| 100 | 12346 | 6.7 | −39 9 | 9.9 | 9.7 | Ko | 3 | .. | 21880b |



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1922AnHar..97....1C



## 166700 — $18^h\ 6^m.7$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12544 | 6.7 | −41 10 | 7.3 | 8.0 | Ko | 8 | .. | 21880b |
| 2 | 12367 | 6.7 | −43 46 | 8.7 | 8.4 | B8 | 7 | .. | 21880b |
| 3 | 12133 | 6.7 | −47 4 | 9.9 | 9.6 | F2 | 4 | .. | 19962b |
| 4 | 12132 | 6.7 | −47 29 | 11.0 | 10.1 | Fo | 1 | .. | 19962b |
| 5 | 12361 | 6.7 | −48 57 | 10.1 | 10.1 | A2 | 2 | .. | 19962b |
| 6 | 11045 | 6.7 | −52 51 | *9.4* | 9.8 | F5 | 4 | .. | 37621b |
| 7 | 7019 | 6.7 | −60 42 | 9.0 | 8.9 | Ao | 3 | .. | 42484b |
| 8 | 3503 | 6.7 | −67 53 | *9.1* | 10.5 | Mb | .. | .. | M |
| 9 | 3144 | 6.8 | +34 31 | 8.0 | *9.0* | Ko | 2 | .. | 37871i |
| 10 | 3039 | 6.8 | +33 58 | 8.2 | *8.8* | Go | 2 | .. | 37871i |
| 11 | 3583 | 6.8 | + 7 52 | 9.0 | *10.2* | K5 | 1 | .. | 9437b |
| 12 | 3634 | 6.8 | + 5 26 | 8.1 | *9.3* | K5 | 2 | .. | 9437b |
| 13 | 3626 | 6.8 | + 3 3 | 9.1 | *9.2* | A2 | 2 | .. | 13401b |
| 14 | 3438 | 6.8 | − 0 26 | 10.4 | *10.9* | F8 | 2 | .. | 38110b |
| 15 | 4590 | 6.8 | − 5 20 | 8.7 | *8.8* | A2 | 4 | .. | 38110b |
| 16 | 4864 | 6.8 | −15 25 | 7.95 | *7.83* | B5 | 7 | 5,10 | 40332b |
| 17 | .. | 6.8 | −17 54 | .. | .. | Ao | 2 | .. | 24169b |
| 18 | R | 6.8 | −20 55 | *10.0* | 10.0 | B9 | 2 | .. | 40711b |
| 19 | 12941 | 6.8 | −26 55 | 9.5 | 8.9 | Ao | 5 | .. | 17092b |
| 20 | 14293 | 6.8 | −28 15 | 10.2 | 10.0 | Ko | 1 | .. | 17092b |
| 21 | 14297 | 6.8 | −28 48 | 10.7 | 10.4 | Ko | 1 | .. | 17092b |
| 22 | 12285 | 6.8 | −40 42 | 10.8 | 10.6 | G5 | 1 | .. | 21880b |
| 23 | 12547 | 6.8 | −41 36 | 9.3 | 10.4 | G5 | 3 | .. | 21880b |
| 24 | 13019 | 6.8 | −42 36 | 9.9 | 10.3 | G5 | 3 | .. | 21880b |
| 25 | 12363 | 6.8 | −48 50 | 9.3 | 10.1 | K2 | 1 | .. | 19962b |
| 26 | 7362 | 6.8 | −58 13 | 9.0 | 9.8 | G5 | 2 | .. | 42469b |
| 27 | 4349 | 6.8 | −63 22 | 8.53 | 8.6 | Ao | 5 | .. | 20144b |
| 28 | 1245 | 6.9 | +65 52 | 7.72 | *7.78* | A2 | 4 | .. | 38505i |
| 29 | 3168 | 6.9 | +35 9 | 6.99 | *7.49* | F8 | 5 | .. | 37871i |
| 30 | 2969 | 6.9 | +27 57 | 8.4 | *9.4* | Ko. | 1 | .. | 38480i |
| 31 | 3584 | 6.9 | + 7 22 | 8.9 | *10.1* | K5 | 2 | .. | 9437b |
| 32 | 3615 | 6.9 | + 1 46 | 8.3 | *8.4* | A3 | 7 | 0,5 R | 13401b |
| 33 | 4568 | 6.9 | − 2 17 | 9.2 | *9.7* | F8 | 3 | .. | 38110b |
| 34 | 4625 | 6.9 | −10 46 | 8.3 | *8.1* | Bo | 4 | .. | 40602b |
| 35 | 4557 | 6.9 | −11 22 | 9.4 | *9.5* | A3 | 2 | .. | 40332b |
| 36 | 4865 | 6.9 | −15 39 | 9.4 | *10.6* | K5 | 3 | .. | 24169b |
| 37 | 4753 | 6.9 | −16 2 | 8.7 | *9.7* | Ko | 5 | .. | 24169b |
| 38 | 5067 | 6.9 | −17 20 | 11.0 | *11.0* | A | 2 | .. | 24169b |
| 39 | 5066 | 6.9 | −17 27 | 9.4 | *10.8* | Mb | 3 | .. | 24169b |
| 40 | 5032 | 6.9 | −20 10 | 10.3 | 10.4 | K5 | 1 | .. | 24169b |
| 41 | 5033 | 6.9 | −20 34 | 9.4 | 8.9 | Ao | 4 | .. | 24169b |
| 42 | 4613 | 6.9 | −22 29 | 8.82 | 8.8 | Ao | 4 | .. | 40711b |
| 43 | 12942 | 6.9 | −26 6 | 11.2 | 9.8 | A | 2 | .. | 40711b |
| 44 | 14300 | 6.9 | −28 53 | 10.0 | 10.3 | G5 | 1 | .. | 17092b |
| 45 | 12962 | 6.9 | −33 31 | 8.6 | 9.1 | G5 | 4 | .. | 40724b |
| 46 | 12389 | 6.9 | −35 40 | 10.6 | 9.6 | G5 | 2 | .. | 38804b |
| 47 | 12328 | 6.9 | −37 17 | 8.3 | 8.7 | G5 | 5 | .. | 38804b |
| 48 | 12552 | 6.9 | −41 4 | 9.9 | 10.6 | K2 | 1 | .. | 21880b |
| 49 | 12370 | 6.9 | −43 58 | 11.0 | 10.6 | A3 | 1 | .. | 21880b |
| 50 | 12216 | 6.9 | −46 40 | 9.3 | 9.6 | G5 | 3 | .. | 19962b |
| 51 | 12138 | 6.9 | −47 59 | 7.5 | 8.9 | Kop | 7 | R | 19938b |
| 52 | 12365 | 6.9 | −48 12 | 9.7 | 10.4 | K2 | 1 | .. | 19962b |
| 53 | 11436 | 6.9 | −51 10 | 10.3 | 10.1 | Fo | 2 | .. | 39457b |
| 54 | 11439 | 6.9 | −51 50 | 9.5 | 9.5 | A2 | 4 | .. | 37621b |
| 55 | 8568 | 6.9 | −55 8 | 9.15 | 10.3 | K5 | 1 | .. | 37621b |
| 56 | 1407 | 7.0 | +63 38 | 9.5 | *10.9* | Ma | .. | .. | M |
| 57 | 3339 | 7.0 | +39 3 | 7.9 | *8.0* | A2 | 3 | .. | 38500i |
| 58 | 3041 | 7.0 | +33 45 | 9.6 | *11.0* | Ma | .. | .. | M |
| 59 | 3419 | 7.0 | +12 32 | 7.7 | *7.7* | Ao | 5 | .. | 37959i |
| 60 | 4569 | 7.0 | − 2 9 | 9.7 | *9.8* | A5 | 3 | .. | 38110b |
| 61 | 4571 | 7.0 | − 7 19 | 7.58 | *8.14* | Go | 9 | .. | 40602b |
| 62 | 4756 | 7.0 | −16 18 | 10.1 | *9.9* | B | 5 | R | 24169b |
| 63 | 4755 | 7.0 | −16 19 | 9.2 | *9.0* | B | | | |
| 64 | .. | 7.0 | −16 27 | .. | .. | B5 | 2 | .. | 24169b |
| 65 | 4754 | 7.0 | −16 36 | 8.7 | *9.8* | K2 | 5 | .. | 24169b |
| 66 | 5069 | 7.0 | −17 36 | 10.3 | *10.3* | Ao | 6 | .. | 24169b |
| 67 | 14072 | 7.0 | −23 9 | var. | var. | F5 | 7 | R | 40711b |
| 68 | 14666 | 7.0 | −29 23 | 9.5 | 9.5 | B9 | 4 | .. | 17092b |
| 69 | 12601 | 7.0 | −34 56 | 8.93 | 8.9 | B8 | 5 | .. | 38804b |
| 70 | 12393 | 7.0 | −35 38 | 9.9 | 9.0 | B9 | 4 | .. | 38804b |
| 71 | 12331 | 7.0 | −37 41 | 9.9 | 9.2 | B9 | 3 | .. | 38804b |
| 72 | 12353 | 7.0 | −39 13 | 9.3 | 10.6 | Go | 2 | .. | 21880b |
| 73 | 12351 | 7.0 | −39 36 | 9.3 | 9.5 | F2 | 5 | .. | 21880b |
| 74 | 12287 | 7.0 | −40 28 | 10.3 | *11.1* | G5 | 1 | .. | 21880b |
| 75 | 12220 | 7.0 | −46 31 | 9.5 | 9.5 | A2 | 6 | .. | 19962b |
| 76 | 12366 | 7.0 | −48 51 | 7.8 | 8.6 | K2 | 5 | .. | 19962b |
| 77 | 11795 | 7.0 | −50 40 | 9.5 | 9.3 | A2 | 3 | .. | 19962b |
| 78 | 8784 | 7.0 | −54 24 | *9.6* | 9.7 | A2 | 2 | .. | 37621b |
| 79 | 1408 | 7.1 | +63 53 | 8.8 | *10.0* | K5 | 1 | .. | 38505i |
| 80 | 1840 | 7.1 | +57 57 | 7.36 | *8.54* | K5 | 2 | .. | 38505i |
| 81 | 3187 | 7.1 | +26 38 | 7.7 | *8.5* | G5 | 7 | .. | 37806i |
| 82 | 3616 | 7.1 | + 1 38 | 8.1 | *9.2* | K2 | 5 | 0,2 | 13401b |
| 83 | 4591 | 7.1 | − 5 39 | 9.7 | *10.0* | Fo | 2 | .. | 38110b |
| 84 | 4592 | 7.1 | − 5 53 | 9.4 | *10.2* | G5 | 1 | .. | 38110b |
| 85 | 4725 | 7.1 | − 6 5 | 8.5 | *8.8* | Fo | 5 | .. | 38110b |
| 86 | 4757 | 7.1 | −16 53 | 9.7 | *9.7* | B8 | 3 | .. | 24169b |
| 87 | 4900 | 7.1 | −19 47 | 8.9 | 8.3 | B3 | 6 | .. | 24169b |
| 88 | 5034 | 7.1 | −20 43 | 10.1 | 10.4 | K | 1 | .. | 40711b |
| 89 | 12567 | 7.1 | −27 14 | 7.9 | 7.8 | B9 | 7 | .. | 17092b |
| 90 | *15265* | 7.1 | −32 0 | 6.64 | 6.8 | B8 | .. | 0,10 | 56,141 |
| 91 | 12355 | 7.1 | −39 46 | 8.9 | 10.6 | K2 | 1 | .. | 21880b |
| 92 | 12373 | 7.1 | −43 7 | 10.1 | 10.7 | Mb | .. | .. | M |
| 93 | 12374 | 7.1 | −43 11 | 7.4 | 8.3 | F2 | 8 | .. | 21880b |
| 94 | 12375 | 7.1 | −43 42 | 9.9 | 10.7 | K2 | 1 | .. | 21880b |
| 95 | 12435 | 7.1 | −44 35 | 9.3 | 9.3 | A2 | 5 | .. | 19962b |
| 96 | 12139 | 7.1 | −47 24 | 8.5 | 9.2 | Ko | 5 | .. | 19938b |
| 97 | 11995 | 7.1 | −49 51 | 9.9 | 10.4 | Go | 2 | .. | 19962b |
| 98 | 294 | 7.2 | +85 41 | 7.50 | *7.78* | Fo | 7 | .. | 37294i |
| 99 | 3196 | 7.2 | +31 12 | 8.10 | *9.17* | K2 | 1 | .. | 37828i |
| 100 | 3355 | 7.2 | +24 57 | 8.46 | *9.24* | G5 | 2 | .. | 37806i |



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## 166800 — $18^h 7^m.2$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. | H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | | | | m. | ° ′ | | | | | | |
| 1 | 3586 | 7.2 | +18 18 | 8.5 | *8.5* | Ao | 3 | .. | 37959i | 51 | 4621 | 7.4 | −22 16 | 10.1 | 9.4 | B9 | 2 | .. | 40711b |
| 2 | 3649 | 7.2 | + 6 49 | Neb. | Neb. | Pd | 3 | R | 37811i | 52 | 4619 | 7.4 | −22 45 | 8.50 | 8.8 | B2 | 2 | .. | 44641b |
| 3 | 4868 | 7.2 | −15 13 | 8.1 | *7.9* | B3 | 7 | 0,10 | 40332b | 53 | 14060 | 7.4 | −24 19 | 8.7 | 9.5 | K5 | 3 | .. | 40711b |
| 4 | 4837 | 7.2 | −18 20 | 9.4 | *9.4* | B9 | 8 | .. | 24169b | 54 | 14057 | 7.4 | −24 38 | 8.9 | 8.4 | Ao | 5 | .. | 40711b |
| 5 | 4904 | 7.2 | −21 17 | 8.7 | 7.7 | B9 | 5 | .. | 40711b | 55 | 14310 | 7.4 | −28 51 | 8.7 | 9.5 | Ko | 3 | .. | 17092b |
| 6 | 4903 | 7.2 | −21 45 | 9.1 | 8.9 | G5 | 3 | .. | 40711b | 56 | 14676 | 7.4 | −29 53 | 9.44 | 10.2 | Ko | 2 | .. | 17092b |
| 7 | 12889 | 7.2 | −25 11 | 7.60 | 7.8 | A2 | 7 | .. | 40711b | 57 | 13904 | 7.4 | −32 10 | 10.1 | 9.7 | Ao | 2 | .. | 40724b |
| 8 | 14305 | 7.2 | −28 17 | 10.0 | 9.2 | A2 | 5 | .. | 17092b | 58 | 13900 | 7.4 | −32 15 | 8.3 | 9.2 | K2 | 4 | .. | 40724b |
| 9 | 12347 | 7.2 | −36 22 | 10.3 | 9.8 | G5 | 1 | .. | 38804b | 59 | 13902 | 7.4 | −32 30 | 10.3 | 9.7 | Ao | 2 | .. | 40724b |
| 10 | 12600 | 7.2 | −38 26 | 7.14 | 6.9 | Ao | 10 | .. | 38804b | 60 | 12975 | 7.4 | −33 15 | 8.3 | 7.9 | B9 | 6 | .. | 40724b |
| 11 | 12357 | 7.2 | −39 59 | 7.88 | 7.9 | Ao | 9 | .. | 21880b | 61 | 12610 | 7.4 | −34 19 | 7.9 | 7.8 | B8 | 7 | .. | 38804b |
| 12 | 12555 | 7.2 | −41 23 | 11.0 | 10.6 | B9 | 2 | .. | 21880b | 62 | 12361 | 7.4 | −39 4 | 8.9 | 9.7 | K2 | 4 | .. | 21880b |
| 13 | .. | 7.2 | −42 53 | var. | var. | Ocp | .. | R | 76,29 | 63 | 12561 | 7.4 | −41 13 | 10.8 | 10.4 | Go | 2 | .. | 21880b |
| 14 | 12377 | 7.2 | −43 44 | 10.3 | 10.4 | F5 | 1 | .. | 21880b | 64 | 3508 | 7.4 | −67 23 | *7.6* | 7.9 | Fo | 5 | .. | 41598b |
| 15 | 12310 | 7.2 | −45 24 | 9.3 | 9.8 | Ko | 3 | .. | 19962b | 65 | 570 | 7.5 | +79 59 | 6.18 | *6.60* | F5 | .. | 0,4 | 1851c |
| 16 | 8944 | 7.2 | −57 27 | 8.9 | 9.7 | Fo | 3 | .. | 42469b | 66 | 571 | 7.5 | +79 59 | 5.80 | *6.22* | F5 | .. | 0,5 | 1851c |
| 17 | 3507 | 7.2 | −67 54 | *7.8* | 8.8 | Ko | 3 | .. | 41598b | 67 | 3198 | 7.5 | +29 53 | 7.36 | *8.36* | Ko | 1 | .. | 37828i |
| 18 | 406 | 7.3 | +84 40 | 8.3 | *8.3* | Ao | 5 | .. | 37294i | 68 | 3199 | 7.5 | +29 39 | 7.46 | *7.52* | A2 | 3 | .. | 38480i |
| 19 | 405 | 7.3 | +84 24 | 8.6 | *9.4* | G5 | 3 | .. | 37294i | 69 | 3300 | 7.5 | +22 34 | 8.8 | *8.8* | Ao | 5 | .. | 37806i |
| 20 | 2531 | 7.3 | +50 22 | 7.02 | *7.08* | A2 | 7 | .. | 38778i | 70 | 3550 | 7.5 | +13 9 | 8.9 | *8.9* | Ao | 1 | .. | 37959i |
| 21 | 2649 | 7.3 | +48 22 | 7.99 | *8.55* | Go | 3 | .. | 38778i | 71 | 3373 | 7.5 | +11 3 | 9.0 | *9.4* | F5 | 2 | .. | 9437b |
| 22 | 3452 | 7.3 | +25 17 | 8.4 | *9.0* | Go | 4 | .. | 37806i | 72 | 3651 | 7.5 | + 6 50 | 9.4 | *9.7* | F2 | 2 | .. | 9437b |
| 23 | 3620 | 7.3 | + 1 52 | 8.4 | *9.2* | G5 | 6 | 5,2 | 13401b | 73 | 3644 | 7.5 | + 4 13 | 8.9 | *9.2* | F | 2 | .. | 13401b |
| 24 | 4869 | 7.3 | −15 20 | 10.1 | *10.1* | B9 | 2 | 4,3 R | 40332b | 74 | 3645 | 7.5 | + 4 12 | 9.0 | *9.1* | A5 | 3 | .. | 13401b |
| 25 | 4838 | 7.3 | −18 38 | 10.7 | *10.8* | A2 | 3 | .. | 24169b | 75 | 4593 | 7.5 | − 5 10 | 9.90 | *9.90* | Ao | 2 | .. | 38110b |
| 26 | 5037 | 7.3 | −20 26 | 9.9 | 9.1 | B3 | 4 | .. | 24169b | 76 | 4629 | 7.5 | −10 29 | 9.4 | *10.4* | Ko | 1 | .. | 40602b |
| 27 | 4618 | 7.3 | −22 4 | 9.4 | 9.1 | Ao | 3 | .. | 40711b | 77 | 4871 | 7.5 | −15 52 | 10.3 | *11.3* | K | 2 | .. | 24169b |
| 28 | 4616 | 7.3 | −22 51 | 9.1 | 9.5 | K2 | 3 | .. | 40711b | 78 | .. | 7.5 | −16 36 | .. | .. | B9 | 2 | .. | 24169b |
| 29 | *12946* | 7.3 | −27 0 | 10.9 | 9.3 | Ao | 3 | .. | 17092b | 79 | 4903 | 7.5 | −19 24 | 10.7 | 9.7 | A | 3 | .. | 24169b |
| 30 | 12572 | 7.3 | −27 55 | 10.0 | 9.0 | Ao | 4 | .. | 17092b | 80 | 4622 | 7.5 | −22 23 | 10.1 | 10.0 | A | 1 | .. | 40711b |
| 31 | 15269 | 7.3 | −31 22 | 9.3 | 9.2 | A2 | 4 | .. | 40724b | 81 | 14088 | 7.5 | −23 43 | 10.2 | 9.1 | Ao | 3 | .. | 40711b |
| 32 | 12348 | 7.3 | −36 54 | 8.3 | 7.8 | B5 | 7 | .. | 38804b | 82 | 12576 | 7.5 | −27 43 | 11.4 | 9.8 | B9 | 1 | .. | 17092b |
| 33 | 12334 | 7.3 | −37 39 | 7.9 | 7.7 | Ao | 8 | .. | 38804b | 83 | 12578 | 7.5 | −27 56 | 10.7 | 10.4 | Ko | 1 | .. | 17092b |
| 34 | 12558 | 7.3 | −41 56 | 7.9 | 7.6 | B9 | 9 | .. | 21880b | 84 | 15416 | 7.5 | −30 16 | 10.7 | 9.7 | Ao | 3 | .. | 17092b |
| 35 | 12316 | 7.3 | −45 38 | 7.1 | 8.7 | K5 | 7 | .. | 19962b | 85 | 15414 | 7.5 | −30 27 | 9.5 | 9.2 | A2 | 4 | .. | 17092b |
| 36 | 12142 | 7.3 | −47 11 | 10.3 | 10.3 | Go | 1 | .. | 19962b | 86 | 12612 | 7.5 | −34 38 | 7.5 | 8.1 | Ko | 7 | .. | 38804b |
| 37 | 12369 | 7.3 | −48 33 | 9.7 | 9.6 | Ao | 2 | .. | 19962b | 87 | 12351 | 7.5 | −36 11 | 9.9 | 9.6 | Ko | 2 | .. | 38804b |
| 38 | 12368 | 7.3 | −48 53 | 10.3 | 9.8 | Ao | 2 | .. | 19962b | 88 | 12294 | 7.5 | −40 22 | 10.8 | 10.4 | Ao | 2 | .. | 21880b |
| 39 | 11800 | 7.3 | −50 20 | 7.6 | 8.0 | Ao | 10 | .. | 19962b | 89 | 12225 | 7.5 | −46 12 | 10.1 | 9.5 | Ao | 5 | .. | 19962b |
| 40 | 11046 | 7.3 | −52 8 | *9.7* | 10.7 | Ko | 1 | .. | 37621b | 90 | 9021 | 7.5 | −53 44 | 8.5 | 9.4 | A3 | 5 | .. | 37621b |
| 41 | 3081 | 7.3 | −68 16 | 6.26 | 6.7 | Ao | 9 | .. | 41598b | 91 | 8572 | 7.5 | −55 23 | 7.5 | 8.5 | F2 | 7 | .. | 37621b |
| 42 | 3453 | 7.4 | +25 32 | 6.84 | *7.84* | Ko | 7 | .. | 37806i | 92 | 1409 | 7.6 | +63 2 | 9.6 | *9.7* | A2 | 1 | .. | 38505i |
| 43 | 3425 | 7.4 | +10 2 | 9.24 | *9.52* | Fo | 3 | .. | 9437b | 93 | 1809 | 7.6 | +60 27 | 8.9 | *9.2* | F2 | 1 | .. | 38505i |
| 44 | 3610 | 7.4 | + 8 12 | 7.24 | *8.24* | Ko | 7 | 2,3 | 9437b | 94 | 3100 | 7.6 | +38 56 | 8.0 | *8.1* | A2 | 3 | .. | 37844i |
| 45 | 3650 | 7.4 | + 6 19 | 8.5 | *9.1* | Go | 3 | .. | 9437b | 95 | 3144 | 7.6 | +30 6 | 8.56 | *9.63* | K2 | 3 | .. | 38480i |
| 46 | 3628 | 7.4 | + 3 56 | 9.0 | *10.1* | K2 | 2 | .. | 9437b | 96 | 3554 | 7.6 | +13 46 | 8.1 | *8.1* | Ao | 4 | .. | 37959i |
| 47 | 4252 | 7.4 | − 3 31 | 8.2 | *8.5* | F2 | 7 | .. | 38110b | 97 | 4934 | 7.6 | −14 28 | 8.5 | *8.5* | B8 | 8 | .. | 24169b |
| 48 | 4870 | 7.4 | −15 28 | 10.3 | *10.4* | A5 | 3 | .. | 24169b | 98 | 5071 | 7.6 | −17 46 | 9.7 | *9.7* | B9 | 4 | .. | 24169b |
| 49 | 4839 | 7.4 | −18 1 | 10.6 | *11.6* | Ko | 2 | .. | 24169b | 99 | 4904 | 7.6 | −19 47 | 10.3 | 9.7 | Ao | 3 | .. | 24169b |
| 50 | 4840 | 7.4 | −18 20 | 11.0 | *11.0* | Ao | 2 | .. | 24169b | 100 | 14094 | 7.6 | −23 39 | 10.4 | 9.4 | Ao | 2 | .. | 40711b |



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## 166900 — 18h 7m.6

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 14312 | 7.6 | −28 44 | 11.2 | 10.0 | Ao | 1 | .. | 17092b |
| 2 | 14682 | 7.6 | −29 1 | 11.6 | 10.2 | Ao | 1 | .. | 17092b |
| 3 | 14681 | 7.6 | −29 34 | 9.3 | 10.2 | K2 | 3 | .. | 17092b |
| 4 | 13905 | 7.6 | −32 9 | 10.8 | 9.7 | Ao | 1 | .. | 40724b |
| 5 | 12401 | 7.6 | −35 26 | 7.9 | 9.2 | K2 | 3 | .. | 38804b |
| 6 | 12340 | 7.6 | −37 41 | 8.1 | 9.0 | Ko | 4 | .. | 38804b |
| 7 | 12443 | 7.6 | −44 0 | 10.6 | 10.6 | A5 | 1 | .. | 21880b |
| 8 | 11803 | 7.6 | −50 25 | 8.5 | 9.6 | K5 | 2 | .. | 19962b |
| 9 | 11444 | 7.6 | −51 38 | 8.7 | 9.5 | Ao | 5 | R | 37621b |
| 10 | 11445 | 7.6 | −51 51 | 8.6 | 9.2 | F5 | 5 | .. | 37621b |
| 11 | 8694 | 7.6 | −56 20 | 8.8 | 9.2 | Ao | 3 | .. | 42469b |
| 12 | 8693 | 7.6 | −56 41 | 7.1 | 8.8 | Ko | .. | 0,7 | **56**,141 |
| 13 | 7243 | 7.6 | −59 26 | 8.0 | 8.4 | F8 | 5 | .. | 42469b |
| 14 | 3455 | 7.7 | +25 21 | 8.6 | *9.2* | Go | 2 | .. | 37806i |
| 15 | 3475 | 7.7 | +17 26 | 8.9 | *8.9* | Ao | 1 | .. | 37959i |
| 16 | 3648 | 7.7 | + 4 10 | 9.2 | *9.2* | Ao | 2 | .. | 13401b |
| 17 | 3528 | 7.7 | + 2 47 | 6.53 | *6.51* | B9 | 8 | 1,7 | 37811i |
| 18 | 4414 | 7.7 | − 4 48 | 8.10 | *8.16* | A2 | 7 | .. | 38110b |
| 19 | 4573 | 7.7 | − 7 48 | 9.4 | *10.2* | G5 | 2 | .. | 40602b |
| 20 | 5072 | 7.7 | −17 19 | 11.0 | *10.9* | B5 | 2 | .. | 24169b |
| 21 | 4843 | 7.7 | −18 25 | 8.1 | *8.1* | B8 | 8 | .. | 24169b |
| 22 | 4905 | 7.7 | −19 20 | 9.9 | 9.1 | B | 4 | .. | 24169b |
| 23 | 14067 | 7.7 | −24 27 | 10.7 | 9.2 | A | 3 | .. | 40711b |
| 24 | 14314 | 7.7 | −28 43 | 9.5 | 8.4 | Fo | 4 | .. | 17092b |
| 25 | 2860 | 7.7 | −69 38 | *8.1* | 8.1 | B9 | 6 | .. | 41598b |
| 26 | *272* | 7.8 | +87 0 | 5.86 | *5.94* | A3 | .. | 3,R | **56**,95 |
| 27 | 3374 | 7.8 | +11 13 | 8.3 | *8.8* | F8 | 2 | .. | 37959i |
| 28 | 3605 | 7.8 | + 9 28 | 8.1 | *8.2* | A5 | 6 | .. | 9437b |
| 29 | 3649 | 7.8 | + 4 7 | 8.6 | *10.0* | Ma | .. | .. | M |
| 30 | 3441 | 7.8 | − 0 14 | 10.0 | *10.6* | Go | 4 | .. | 38110b |
| 31 | 3440 | 7.8 | − 0 48 | 9.1 | *9.4* | Fo | 6 | .. | 38110b |
| 32 | 4595 | 7.8 | − 5 30 | 9.4 | *9.5* | A5 | 3 | .. | 38110b |
| 33 | 4726 | 7.8 | − 6 49 | 9.7 | *10.5* | G5 | 3 | .. | 40602b |
| 34 | 4844 | 7.8 | −18 51 | 8.7 | *8.5* | B3 | 6 | .. | 24169b |
| 35 | .. | 7.8 | −19 6 | Neb. | Neb. | Pd | .. | R | **76**,23 |
| 36 | 4906 | 7.8 | −19 51 | 10.3 | 9.9 | B9 | 3 | .. | 24169b |
| 37 | 4908 | 7.8 | −21 5 | 4.01 | *3.96* | B8p | .. | R | **28**,213 |
| 38 | 14068 | 7.8 | −24 20 | 11.6 | 10.0 | G5 | 2 | .. | 40711b |
| 39 | 12897 | 7.8 | −25 4 | 10.0 | 9.2 | B9 | 3 | .. | 40711b |
| 40 | 12955 | 7.8 | −26 46 | 10.4 | 9.8 | Ao | 2 | .. | 17092b |
| 41 | 14690 | 7.8 | −29 56 | 10.4 | 10.6 | Ko | 1 | .. | 17092b |
| 42 | 15423 | 7.8 | −30 10 | 10.2 | 10.0 | A2 | 1 | .. | 17092b |
| 43 | 13910 | 7.8 | −32 34 | 8.9 | 8.6 | Ao | 5 | .. | 40724b |
| 44 | 13030 | 7.8 | −42 41 | 9.2 | 8.5 | Ao | 7 | .. | 21880b |
| 45 | 13032 | 7.8 | −42 48 | 10.1 | 9.4 | A3 | 5 | .. | 21880b |
| 46 | 12382 | 7.8 | −43 26 | 10.6 | 10.6 | Ko | 1 | .. | 21880b |
| 47 | 12231 | 7.8 | −46 43 | 10.3 | 10.1 | F2 | 2 | .. | 19962b |
| 48 | 12229 | 7.8 | −46 52 | 9.2 | 9.6 | F8 | 3 | .. | 19962b |
| 49 | 12373 | 7.8 | −48 53 | 6.76 | 8.0 | Ko | 10 | .. | 19962b |
| 50 | 11804 | 7.8 | −50 42 | 9.5 | 10.1 | K2 | 2 | .. | 39457b |
| 51 | 11048 | 7.8 | −52 27 | 8.7 | 9.2 | A3 | 5 | .. | 37621b |
| 52 | 9025 | 7.8 | −53 35 | *9.9* | 10.0 | A5 | 3 | .. | 37621b |
| 53 | 7244 | 7.8 | −59 36 | 7.7 | 7.3 | Ao | 7 | .. | 42469b |
| 54 | 2323 | 7.9 | +51 53 | 8.10 | *8.52* | F5 | 2 | .. | 38778i |
| 55 | 2839 | 7.9 | +44 34 | 6.84 | *7.84* | Ko | 6 | .. | 37844i |
| 56 | 3343 | 7.9 | +39 4 | 6.88 | *6.88* | Ao | 6 | .. | 37844i |
| 57 | 3552 | 7.9 | +19 4 | 8.1 | *8.1* | Ao | 3 | .. | 29015i |
| 58 | 3643 | 7.9 | + 5 48 | 8.0 | *8.0* | B9 | 7 | .. | 37811i |
| 59 | 3623 | 7.9 | + 1 43 | 9.4 | *9.8* | F5 | 3 | .. | 13401b |
| 60 | 4415 | 7.9 | − 4 3 | 6.57 | *6.63* | A2 | 5 | 0,10 | 41736b |
| 61 | 4875 | 7.9 | −15 25 | 9.9 | *9.9* | Ao | 3 | .. | 24169b |
| 62 | 4874 | 7.9 | −15 38 | 7.06 | *7.48* | F5 | 10 | .. | 24169b |
| 63 | 4758 | 7.9 | −16 36 | 10.1 | *10.0* | B5 | 4 | .. | 24169b |
| 64 | 5075 | 7.9 | −17 10 | 9.4 | *9.3* | B5 | 8 | R | 24169b |
| 65 | 4909 | 7.9 | −19 2 | 9.7 | 8.5 | B2 | 5 | .. | 24169b |
| 66 | 4910 | 7.9 | −21 51 | 9.4 | 8.6 | A3 | 4 | .. | 40711b |
| 67 | 12900 | 7.9 | −25 20 | 8.7 | 7.7 | B5 | 6 | .. | 40711b |
| 68 | 12588 | 7.9 | −27 32 | 7.4 | 7.4 | B9 | 8 | .. | 17092b |
| 69 | 14321 | 7.9 | −28 29 | 10.4 | 10.1 | Ko | 1 | .. | 17092b |
| 70 | 12361 | 7.9 | −36 56 | 7.5 | 7.3 | B9 | 8 | .. | 38804b |
| 71 | 11446 | 7.9 | −51 21 | 10.6 | 10.7 | F2 | 1 | .. | 39457b |
| 72 | 8952 | 7.9 | −57 29 | 7.18 | 7.8 | F5 | 8 | .. | 42469b |
| 73 | 1677 | 7.9 | −74 43 | *8.0* | 8.0 | Ao | 7 | .. | 21336b |
| 74 | 1051 | 8.0 | +67 23 | 7.72 | *8.72* | Ko | 3 | 0,2 | 37907b |
| 75 | 1600 | 8.0 | +62 55 | 8.9 | *9.7* | G5 | 1 | .. | 38505i |
| 76 | 3422 | 8.0 | +12 22 | 7.27 | *7.55* | Fo | 5 | .. | 37959i |
| 77 | 3530 | 8.0 | + 2 12 | 9.1 | *9.7* | Go | 3 | .. | 13401b |
| 78 | 4597 | 8.0 | − 5 29 | 9.9 | *10.9* | Ko | 1 | .. | 38110b |
| 79 | 4938 | 8.0 | −14 44 | 10.3 | *10.3* | B8 | 3 | .. | 24169b |
| 80 | 5076 | 8.0 | −17 25 | 10.1 | *10.4* | Fo | 3 | .. | 24169b |
| 81 | .. | 8.0 | −17 57 | .. | .. | Fo | 2 | .. | 24169b |
| 82 | 4845 | 8.0 | −18 48 | 8.3 | *8.4* | A2 | 8 | .. | 24169b |
| 83 | 13914 | 8.0 | −32 58 | 9.3 | 9.1 | A5 | 3 | .. | 40724b |
| 84 | 12368 | 8.0 | −39 14 | 9.3 | 10.0 | Ko | 3 | .. | 21880b |
| 85 | 11806 | 8.0 | −50 13 | 8.7 | 8.9 | F5 | 4 | .. | 19962b |
| 86 | 872 | 8.1 | +71 26 | 8.1 | *9.2* | K2 | 2 | .. | 38095i |
| 87 | 2671 | 8.1 | +45 16 | 8.3 | *9.1* | G5 | 2 | .. | 37844i |
| 88 | 3044 | 8.1 | +33 26 | 5.85 | *5.91* | A2 | 9 | 0,10 | 37828i |
| 89 | 3429 | 8.1 | +10 2 | 8.82 | *9.89* | K2 | 2 | .. | 9437b |
| 90 | 3652 | 8.1 | + 4 3 | 8.7 | *9.8* | K2 | 2 | .. | 9437b |
| 91 | 3532 | 8.1 | + 2 57 | 6.61 | *6.67* | A2 | 8 | 0,6 | 37811i |
| 92 | 3461 | 8.1 | − 1 45 | 7.26 | *7.26* | Ao | 9 | .. | 38110b |
| 93 | 4254 | 8.1 | − 3 26 | 8.3 | *8.6* | Fo | 7 | .. | 38110b |
| 94 | 4940 | 8.1 | −14 12 | 9.2 | *9.2* | Ao | 4 | .. | 24169b |
| 95 | 4877 | 8.1 | −15 15 | 10.6 | *10.6* | Ao | 3 | .. | 24169b |
| 96 | 4878 | 8.1 | −15 51 | 9.7 | *9.7* | B8 | 3 | .. | 24169b |
| 97 | 4847 | 8.1 | −18 4 | 10.6 | *10.6* | B9 | 3 | .. | 24169b |
| 98 | 4846 | 8.1 | −18 39 | 10.6 | *10.6* | B9 | 3 | .. | 24169b |
| 99 | 4910 | 8.1 | −19 9 | 10.1 | 9.1 | B5 | 4 | .. | 24169b |
| 100 | 5042 | 8.1 | −20 41 | 9.7 | 9.1 | B5 | 4 | .. | 24169b |



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## 167000

## $18^h\ 8^m.1$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 14075 | 8.1 | −24 14 | 10.7 | 10.0 | A | 2 | .. | 40711b |
| 2 | 12594 | 8.1 | −27 43 | 10.0 | 9.3 | A2 | 3 | .. | 17092b |
| 3 | 12990 | 8.1 | −33 10 | 8.3 | 7.9 | B2 | 5 | .. | 40724b |
| 4 | 12347 | 8.1 | −37 17 | 10.6 | 9.5 | Ao | 2 | .. | 38804b |
| 5 | 12154 | 8.1 | −47 34 | 8.7 | 8.3 | A2 | 7 | .. | 19938b |
| 6 | 3199 | 8.2 | +31 22 | 5.02 | *6.37* | Ma | .. | 5,7 R | 3088c |
| 7 | 2977 | 8.2 | +27 37 | 8.2 | *8.3* | A2 | 7 | .. | 37806i |
| 8 | *3481* | 8.2 | +18 0 | 7.80 | *8.98* | K5 | 2 | .. | 37959i |
| 9 | 3403 | 8.2 | +16 5 | 8.6 | *9.6* | Ko | 1 | .. | 37959i |
| 10 | 3607 | 8.2 | + 9 57 | 8.72 | *9.72* | Ko | 3 | .. | 9437b |
| 11 | 3443 | 8.2 | − 0 48 | 9.4 | *10.5* | K2 | 3 | .. | 38110b |
| 12 | 4575 | 8.2 | − 7 38 | 9.4 | *10.0* | Go | 4 | .. | 40602b |
| 13 | 4848 | 8.2 | −18 46 | 10.3 | *11.4* | K2 | 3 | .. | 24169b |
| 14 | 14107 | 8.2 | −23 42 | 9.3 | 9.1 | B8 | 3 | .. | 40711b |
| 15 | *12598* | 8.2 | −28 0 | 11.8 | 9.8 | Ao | 2 | .. | 17092b |
| 16 | 14329 | 8.2 | −28 52 | 8.0 | 7.3 | B8 | 9 | .. | 17092b |
| 17 | 14699 | 8.2 | −29 17 | 11.2 | 10.6 | K2 | 1 | .. | 17092b |
| 18 | 14702 | 8.2 | −29 34 | 10.4 | 9.5 | Ao | 3 | .. | 17092b |
| 19 | 14701 | 8.2 | −29 35 | 10.7 | 9.4 | Ao | 2 | .. | 17092b |
| 20 | 15287 | 8.2 | −31 5 | 9.5 | 9.7 | Ao | 3 | .. | 40724b |
| 21 | 13919 | 8.2 | −32 15 | 8.6 | 9.7 | K5 | 2 | .. | 40724b |
| 22 | 12411 | 8.2 | −35 7 | 7.13 | 8.3 | Ko | 7 | .. | 38804b |
| 23 | 12349 | 8.2 | −37 34 | 9.9 | 9.0 | A | 4 | .. | 38804b |
| 24 | 12616 | 8.2 | −38 56 | 8.9 | 9.1 | A2 | 6 | .. | 21880b |
| 25 | 12310 | 8.2 | −40 18 | 9.3 | 9.5 | B9 | 4 | .. | 21880b |
| 26 | 12311 | 8.2 | −40 54 | 7.9 | 9.4 | Ko | 6 | .. | 21880b |
| 27 | 2072 | 8.3 | +56 14 | 7.50 | *8.57* | K2 | 4 | .. | 38015i |
| 28 | 3377 | 8.3 | +11 25 | 7.6 | *7.6* | Ao | 3 | .. | 37959i |
| 29 | 3608 | 8.3 | + 9 15 | 8.7 | *9.7* | Ko | 1 | .. | 9437b |
| 30 | 3589 | 8.3 | + 7 26 | 9.1 | *9.1* | Ao | 1 | .. | 9437b |
| 31 | 3590 | 8.3 | + 7 20 | 9.0 | *9.0* | Ao | 3 | .. | 9437b |
| 32 | .. | 8.3 | −16 38 | .. | .. | A | 1 | .. | 24169b |
| 33 | 5077 | 8.3 | −17 3 | 10.8 | *11.8* | K | 1 | .. | 24169b |
| 34 | 4913 | 8.3 | −19 14 | 10.1 | 9.1 | F5 | 3 | .. | 24169b |
| 35 | R | 8.3 | −20 19 | *9.9* | 9.9 | Ao | 2 | .. | 24169b |
| 36 | 4916 | 8.3 | −21 45 | 5.73 | 7.3 | Ko | .. | 0,7 | **56**,141 |
| 37 | 12964 | 8.3 | −26 14 | 9.2 | 8.9 | A5 | 5 | .. | 40711b |
| 38 | 14334 | 8.3 | −28 1 | 8.3 | 8.3 | F8 | 6 | .. | 17092b |
| 39 | 14331 | 8.3 | −28 24 | 9.5 | 8.9 | B8 | 3 | .. | 17092b |
| 40 | 12012 | 8.3 | −49 57 | 9.5 | 9.8 | Ko | 2 | .. | 19962b |
| 41 | 8698 | 8.3 | −56 51 | *8.9* | 10.3 | Mb | .. | .. | M |
| 42 | 1950 | 8.4 | +54 15 | 5.94 | *6.94* | Ko | 7 | .. | 38015i |
| 43 | 3041 | 8.4 | +37 52 | 7.7 | *8.3* | Go | 2 | .. | 37828i |
| 44 | 3358 | 8.4 | +24 26 | 7.06 | *8.06* | Ko | 7 | .. | 37806i |
| 45 | 3633 | 8.4 | + 3 35 | 9.1 | *9.2* | A2 | 4 | .. | 13401b |
| 46 | 3444 | 8.4 | − 0 24 | 10.4 | *11.6* | K5 | 2 | .. | 38110b |
| 47 | 4255 | 8.4 | − 3 2 | 8.9 | *9.5* | Go | 3 | .. | 38110b |
| 48 | 4950 | 8.4 | −12 35 | 8.7 | *9.3* | Go | 3 | .. | 40332b |
| 49 | .. | 8.4 | −16 35 | .. | .. | A | 2 | .. | 24169b |
| 50 | 4915 | 8.4 | −19 6 | 9.9 | 8.9 | B8 | 3 | .. | 24169b |
| 51 | 14112 | 8.4 | −23 25 | 9.7 | 9.1 | B8 | 3 | .. | 40711b |
| 52 | 14079 | 8.4 | −24 36 | 9.7 | 9.8 | G5 | 3 | .. | 40711b |
| 53 | 14339 | 8.4 | −28 44 | 11.2 | 9.2 | B9 | 3 | .. | 17092b |
| 54 | 15292 | 8.4 | −31 25 | 8.7 | 8.6 | B8 | 5 | .. | 40724b |
| 55 | 15291 | 8.4 | −31 45 | 9.5 | 9.4 | Ao | 2 | .. | 40724b |
| 56 | 12996 | 8.4 | −33 30 | 10.1 | 9.1 | Ao | 4 | .. | 40724b |
| 57 | 12376 | 8.4 | −39 38 | 9.9 | 10.0 | B8 | 3 | .. | 21880b |
| 58 | 12333 | 8.4 | −45 8 | 11.6 | 11.2 | Ma | .. | .. | M |
| 59 | 8699 | 8.4 | −56 35 | *9.0* | 9.8 | G5 | 1 | .. | 42469b |
| 60 | 6122 | 8.4 | −61 44 | 9.0 | 9.5 | Go | 3 | .. | 42484b |
| 61 | 1895 | 8.4 | −73 44 | *9.4* | 9.4 | Ao | 2 | .. | 21336b |
| 62 | 1678 | 8.4 | −74 25 | *7.9* | 8.3 | F5 | 7 | .. | 21336b |
| 63 | 3048 | 8.5 | +33 15 | 7.12 | *8.30* | K5 | 3 | *3,3* | 37828i |
| 64 | 3282 | 8.5 | +23 27 | 9.0 | *9.8* | G5 | 1 | .. | 37806i |
| 65 | 3611 | 8.5 | + 9 4 | 8.1 | *8.7* | Go | 7 | .. | 9437b |
| 66 | .. | 8.5 | −17 9 | .. | .. | G5 | 1 | .. | 24169b |
| 67 | 4851 | 8.5 | −18 12 | 8.5 | *8.5* | B8 | 8 | .. | 24169b |
| 68 | .. | 8.5 | −19 50 | .. | .. | A | 1 | .. | 24169b |
| 69 | 14340 | 8.5 | −28 13 | 11.8 | 9.8 | Ao | 1 | .. | 17092b |
| 70 | 15439 | 8.5 | −30 52 | 9.5 | 9.2 | Ao | 3 | .. | 40724b |
| 71 | 12995 | 8.5 | −33 38 | 8.6 | 8.8 | G5 | 4 | .. | 40724b |
| 72 | 12414 | 8.5 | −35 52 | 8.3 | 9.2 | K2 | 4 | .. | 38804b |
| 73 | 12375 | 8.5 | −36 25 | 10.1 | 9.5 | Ao | 2 | .. | 38804b |
| 74 | 12620 | 8.5 | −38 14 | 9.7 | 9.4 | Ao | 3 | .. | 38804b |
| 75 | 12238 | 8.5 | −46 35 | 11.0 | 9.6 | Ao | 2 | .. | 19962b |
| 76 | 12379 | 8.5 | −48 25 | 9.3 | 9.5 | A2 | 3 | .. | 19962b |
| 77 | 12018 | 8.5 | −49 43 | 8.5 | 9.8 | K2 | 2 | .. | 19962b |
| 78 | 7365 | 8.5 | −58 13 | 8.8 | 8.3 | Ao | 5 | .. | 42469b |
| 79 | 2527 | 8.5 | −70 8 | 8.56 | 9.1 | A2 | 5 | 0,4 R | 21336b |
| 80 | 537 | 8.6 | +82 29 | 8.5 | *9.6* | K2 | 2 | .. | 37820i |
| 81 | 3361 | 8.6 | +24 22 | 8.2 | *8.7* | F8 | 5 | .. | 37806i |
| 82 | 3591 | 8.6 | + 7 45 | 7.9 | *7.9* | Ao | 5 | .. | 37811i |
| 83 | 4575 | 8.6 | − 2 54 | 9.7 | *9.7* | B9 | 1 | .. | 38110b |
| 84 | 4671 | 8.6 | − 9 54 | 10.01 | *10.01* | Ao | 2 | .. | 40602b |
| 85 | 4888 | 8.6 | −13 9 | 10.1 | *10.1* | Ao | 2 | .. | 40332b |
| 86 | *5079* | 8.6 | −18 0 | 9.4 | *9.7* | Fo | 3 | .. | 24169b |
| 87 | 4853 | 8.6 | −18 18 | 9.9 | *10.3* | F5 | 3 | .. | 24169b |
| 88 | 4917 | 8.6 | −19 6 | 9.1 | 8.0 | B3 | 5 | .. | 24169b |
| 89 | 4916 | 8.6 | −19 22 | 10.6 | 9.1 | B9 | 3 | .. | 24169b |
| 90 | 5044 | 8.6 | −20 30 | 10.3 | 9.1 | B5 | 3 | .. | 24169b |
| 91 | 5045 | 8.6 | −20 56 | 10.3 | 9.1 | B8 | 4 | .. | 24169b |
| 92 | 14114 | 8.6 | −23 9 | 10.7 | 9.1 | Ao | 3 | .. | 40711b |
| 93 | 14342 | 8.6 | −28 30 | 10.9 | 9.2 | B9 | 4 | .. | 17092b |
| 94 | 14345 | 8.6 | −28 42 | 9.0 | 9.8 | Mb | 2 | .. | 17092b |
| 95 | 12392 | 8.6 | −43 12 | 7.25 | 7.3 | Aop | 3 | R | 43860b |
| 96 | 12456 | 8.6 | −44 14 | 5.55 | 6.8 | Ko | .. | .. | **28**,213 |
| 97 | 12459 | 8.6 | −44 56 | 9.10 | 10.1 | K5 | 2 | .. | 19962b |
| 98 | 8794 | 8.6 | −54 12 | *10.3* | 10.3 | A2 | 1 | .. | 37621b |
| 99 | 8702 | 8.6 | −56 30 | 9.1 | 9.4 | A2 | 2 | .. | 42469b |
| 100 | 952 | 8.6 | −79 58 | 7.33 | 9.7 | Ma | 5 | .. | 19008b |



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## 167100 — $18^h\ 8^m.7$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 527 | 8.7 | +83 54 | 7.59 | *8.37* | G5 | 5 | .. | 37294i |
| 2 | 1951 | 8.7 | +54 32 | 8.1 | *9.1* | Ko | 2 | .. | 38015i |
| 3 | 2042 | 8.7 | +53 29 | 7.9 | *8.0* | A2 | 3 | .. | 38015i |
| 4 | 2328 | 8.7 | +51 43 | 7.21 | *8.21* | Ko | 5 | .. | 38778i |
| 5 | 2534 | 8.7 | +50 46 | 8.7 | *9.7* | Ao | 2 | .. | 38559i |
| 6 | 3303 | 8.7 | +22 48 | 7.10 | *8.45* | Ma | 5 | .. | 37806i |
| 7 | 3593 | 8.7 | +18 38 | 8.4 | *9.2* | G5 | 2 | .. | 20915b |
| 8 | 3883 | 8.7 | + 0 39 | 8.0 | *9.0* | Ko | 3 | .. | 37811i |
| 9 | 4761 | 8.7 | −16 32 | 10.1 | *11.3* | K5 | 2 | .. | 24169b |
| 10 | .. | 8.7 | −16 48 | .. | .. | B9 | 2 | .. | 24169b |
| 11 | .. | 8.7 | −17 57 | .. | .. | A2 | 2 | .. | 24169b |
| 12 | 5047 | 8.7 | −20 18 | 10.1 | 9.5 | A | 3 | .. | 24169b |
| 13 | 4920 | 8.7 | −21 40 | 9.9 | 9.2 | Ao | 3 | .. | 40711b |
| 14 | 4917 | 8.7 | −21 46 | 9.7 | 9.2 | Fo | 2 | .. | 40711b |
| 15 | 4919 | 8.7 | −21 52 | 9.7 | 8.5 | B8 | 4 | .. | 40711b |
| 16 | 4630 | 8.7 | −22 4 | 9.7 | 9.1 | Go | 3 | .. | 40711b |
| 17 | 14119 | 8.7 | −23 5 | 9.5 | 8.8 | A5 | 4 | .. | 40711b |
| 18 | 14118 | 8.7 | −23 48 | 10.2 | 9.7 | F5 | 2 | .. | 40711b |
| 19 | 12610 | 8.7 | −27 50 | 11.2 | 9.8 | A3 | 2 | .. | 17092b |
| 20 | 14346 | 8.7 | −28 25 | 9.7 | 9.8 | Ko | 1 | .. | 17092b |
| 21 | 14714 | 8.7 | −29 51 | 6.81 | 8.2 | Ma | 7 | .. | 17092b |
| 22 | 15446 | 8.7 | −30 18 | 11.4 | 10.0 | Ao | 1 | .. | 17092b |
| 23 | 12379 | 8.7 | −36 48 | 9.9 | 9.2 | F5 | 2 | .. | 38804b |
| 24 | 12316 | 8.7 | −40 9 | 10.6 | 10.4 | Ao | 2 | .. | 21880b |
| 25 | 11454 | 8.7 | −51 15 | 9.5 | 10.1 | G5 | 3 | .. | 39457b |
| 26 | 11457 | 8.7 | −51 44 | 9.7 | 9.8 | A5 | 3 | .. | 39457b |
| 27 | 11050 | 8.7 | −52 14 | 9.2 | 9.8 | Ao | 2 | .. | 37621b |
| 28 | 8706 | 8.7 | −56 4 | 5.54 | 6.7 | B5 | .. | .. | **56**,141 |
| 29 | 8703 | 8.7 | −56 48 | 8.5 | 8.8 | Ao | 4 | .. | 42469b |
| 30 | 2291 | 8.7 | −71 58 | *8.5* | 9.7 | K5 | 3 | .. | 21336b |
| 31 | 679 | 8.8 | +77 29 | 8.2 | *8.3* | A3 | 2 | .. | 38044i |
| 32 | 3461 | 8.8 | +25 37 | 8.0 | *9.0* | Ko | 3 | .. | 37806i |
| 33 | 3305 | 8.8 | +22 30 | 9.2 | *10.2* | Ko | 2 | .. | 37806i |
| 34 | 3405 | 8.8 | +16 14 | 6.72 | *7.14* | F5 | 6 | .. | 37959i |
| 35 | 3379 | 8.8 | +11 51 | 6.76 | *6.76* | Ao | 7 | .. | 37959i |
| 36 | 3884 | 8.8 | + 0 3 | 9.08 | *10.08* | Ko | 2 | .. | 13401b |
| 37 | 4256 | 8.8 | − 3 41 | 9.4 | *10.2* | G5 | 3 | .. | 38110b |
| 38 | 4632 | 8.8 | −10 43 | 9.1 | *10.3* | K5 | 1 | .. | 40602b |
| 39 | 4885 | 8.8 | −15 41 | 10.6 | *10.7* | A3 | 2 | .. | 24169b |
| 40 | .. | 8.8 | −15 48 | .. | .. | Ko | 2 | .. | 24169b |
| 41 | 4762 | 8.8 | −16 1 | 10.1 | *10.5* | F5 | 4 | .. | 24169b |
| 42 | 4763 | 8.8 | −16 20 | 10.1 | *10.7* | Go | 4 | .. | 24169b |
| 43 | 5080 | 8.8 | −17 24 | 9.7 | *9.7* | B8 | 4 | .. | 24169b |
| 44 | 4856 | 8.8 | −18 49 | 8.9 | *10.1* | K5 | 3 | .. | 24169b |
| 45 | 4631 | 8.8 | −22 3 | 8.8 | 9.1 | G5 | 3 | .. | 40711b |
| 46 | 15302 | 8.8 | −31 46 | 7.9 | 7.9 | Fo | 6 | .. | 40724b |
| 47 | 12632 | 8.8 | −34 38 | 6.85 | 6.8 | B8 | 10 | .. | 40724b |
| 48 | 12422 | 8.8 | −35 4 | 7.28 | 8.4 | Ko | 7 | .. | 38804b |
| 49 | 12382 | 8.8 | −36 35 | 10.6 | 9.6 | A2 | 1 | .. | 38804b |
| 50 | 12380 | 8.8 | −36 40 | 9.9 | 9.6 | Ko | 1 | .. | 38804b |
| 51 | 12586 | 8.8 | −41 22 | 10.3 | 10.4 | Fo | 3 | .. | 21880b |
| 52 | 12341 | 8.8 | −45 44 | 9.9 | 10.1 | Ko | 1 | .. | 19962b |
| 53 | 12240 | 8.8 | −46 4 | 7.4 | 8.0 | A2 | 9 | .. | 19962b |
| 54 | 12241 | 8.8 | −46 9 | 9.2 | 9.8 | G5 | 1 | .. | 19962b |
| 55 | 12382 | 8.8 | −48 44 | 9.5 | 10.1 | Ko | 1 | .. | 19962b |
| 56 | 12023 | 8.8 | −49 15 | 7.9 | 8.7 | A5 | 8 | .. | 19962b |
| 57 | 11820 | 8.8 | −50 45 | 9.5 | 9.3 | Ao | 3 | .. | 19962b |
| 58 | 11051 | 8.8 | −52 14 | *10.1* | 10.1 | Ao | 1 | .. | 37621b |
| 59 | 1727 | 8.9 | +61 52 | 7.08 | *7.58* | F8 | 7 | .. | 38505i |
| 60 | 3438 | 8.9 | +10 47 | 7.20 | *8.38* | K5 | 3 | .. | 37959i |
| 61 | 3614 | 8.9 | + 9 45 | 8.02 | *9.02* | Ko | 4 | .. | 9437b |
| 62 | 3537 | 8.9 | + 2 22 | 6.61 | *7.68* | K2 | 5 | 0,7 | 38711i |
| 63 | 3885 | 8.9 | + 0 11 | 9.23 | *9.23* | Ao | 3 | .. | 13401b |
| 64 | 4672 | 8.9 | − 9 34 | 9.1 | *9.1* | Ao | 2 | .. | 40602b |
| 65 | 4887 | 8.9 | −15 4 | 10.1 | *10.2* | A2 | 3 | .. | 24169b |
| 66 | 4888 | 8.9 | −15 57 | 10.1 | *11.3* | K5 | 2 | .. | 24169b |
| 67 | 4764 | 8.9 | −16 51 | 11.0 | *11.0* | B8 | 3 | .. | 24169b |
| 68 | 5081 | 8.9 | −17 11 | 10.1 | *10.1* | B8 | 3 | .. | 24169b |
| 69 | 5082 | 8.9 | −17 45 | 11.0 | *11.0* | Ao | 3 | .. | 24169b |
| 70 | R | 8.9 | −19 32 | *9.3* | 9.4 | A2 | 3 | .. | 24169b |
| 71 | R | 8.9 | −19 41 | *9.5* | 9.5 | Ao | 3 | .. | 24169b |
| 72 | 5050 | 8.9 | −20 25 | 10.3 | 9.5 | Ao | 3 | .. | 24169b |
| 73 | 14124 | 8.9 | −23 56 | 9.3 | 9.1 | Go | 2 | .. | 40711b |
| 74 | 12918 | 8.9 | −25 6 | 10.7 | 8.9 | Fo | 5 | .. | 40711b |
| 75 | 12920 | 8.9 | −25 49 | 8.1 | 9.2 | K5 | 3 | .. | 40711b |
| 76 | 12615 | 8.9 | −27 38 | 11.8 | 10.4 | Ao | 1 | .. | 17092b |
| 77 | 14355 | 8.9 | −28 39 | 7.8 | 7.7 | A3 | 9 | .. | 17092b |
| 78 | 12423 | 8.9 | −35 50 | 9.3 | 9.5 | A3 | 2 | .. | 38804b |
| 79 | 12388 | 8.9 | −39 29 | 9.3 | 10.0 | Ko | 3 | .. | 21880b |
| 80 | 12387 | 8.9 | −39 41 | 8.9 | 9.1 | A2 | 6 | .. | 21880b |
| 81 | 12589 | 8.9 | −41 5 | 9.2 | 10.3 | G5 | 4 | .. | 21880b |
| 82 | 12592 | 8.9 | −41 51 | 9.9 | 9.5 | Ao | 3 | .. | 21880b |
| 83 | 12591 | 8.9 | −41 54 | 9.3 | 9.7 | Go | 3 | .. | 21880b |
| 84 | 12400 | 8.9 | −43 18 | 9.5 | 9.8 | Ko | 4 | .. | 21880b |
| 85 | 12399 | 8.9 | −43 58 | 11.6 | 9.6 | Go | 4 | .. | 21880b |
| 86 | 8796 | 8.9 | −54 50 | *9.3* | 10.5 | K5 | 1 | .. | 37621b |
| 87 | 7248 | 8.9 | −59 46 | 9.0 | 10.4 | G5 | 1 | .. | 42469b |
| 88 | 3510 | 8.9 | −67 22 | *8.0* | 9.2 | K5 | 2 | 0,2 | 41442b |
| 89 | 1896 | 8.9 | −73 15 | *8.8* | 8.9 | A2 | 3 | .. | 21336b |
| 90 | 2652 | 9.0 | +48 17 | 6.70 | *7.70* | Ko | 4 | .. | 37844i |
| 91 | 3177 | 9.0 | +35 31 | 8.1 | *8.9* | G5 | 2 | .. | 37871i |
| **92** | 3463 | 9.0 | +25 15 | 8.0 | *8.8* | G5 | 2 | .. | 37806i |
| 93 | 3347 | 9.0 | +21 51 | 6.25 | *7.25* | Ko | 7 | .. | 37806i |
| 94 | 3399 | 9.0 | +15 21 | 9.1 | *9.1* | A | 1 | .. | 37959i |
| 95 | 3564 | 9.0 | +13 36 | 7.6 | *8.7* | K2 | 2 | .. | 37959i |
| 96 | 3637 | 9.0 | + 3 41 | 8.7 | *8.7* | B9 | 3 | .. | 37811i |
| 97 | 3887 | 9.0 | + 0 27 | 8.9 | *8.9* | Ao | 5 | .. | 13401b |
| 98 | 4574 | 9.0 | − 8 25 | 8.7 | *9.2* | F8 | 2 | .. | 40602b |
| 99 | 4921 | 9.0 | −19 16 | 10.1 | 8.9 | Ao | 4 | .. | 24169b |
| 100 | 4635 | 9.0 | −22 28 | 9.4 | 8.8 | B5 | 4 | .. | 40711b |



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## 167200 — $18^h\ 9^m.0$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4634 | 9.0 | −22 38 | 9.7 | 9.1 | B8 | 2 | .. | 40711b |
| 2 | 4636 | 9.0 | −22 39 | 10.1 | 10.3 | B8 | 2 | .. | 40711b |
| 3 | 14088 | 9.0 | −24 2 | 8.3 | 8.1 | B8 | 7 | .. | 40711b |
| 4 | 12975 | 9.0 | −26 21 | 8.1 | 9.5 | Ma | 3 | .. | 40711b |
| 5 | 12617 | 9.0 | −27 55 | 11.4 | 9.8 | Ao | 3 | .. | 17092b |
| 6 | 14357 | 9.0 | −28 51 | 10.0 | 10.0 | Ko | 1 | .. | 17092b |
| 7 | 14721 | 9.0 | −29 6 | 11.2 | 10.7 | B9 | 3 | .. | 17092b |
| 8 | 13931 | 9.0 | −32 22 | 7.9 | 7.9 | Fo | 8 | .. | 40724b |
| 9 | 12390 | 9.0 | −39 14 | 10.6 | 9.7 | Ao | 3 | .. | 21880b |
| 10 | 12319 | 9.0 | −40 13 | 9.9 | 10.0 | F8 | 3 | .. | 21880b |
| 11 | 12320 | 9.0 | −40 48 | 10.1 | 10.0 | B8 | 4 | .. | 21880b |
| 12 | 12246 | 9.0 | −46 36 | 7.8 | 7.5 | B9 | 9 | .. | 19962b |
| 13 | 11458 | 9.0 | −51 25 | 9.9 | 10.4 | Ko | 2 | .. | 39457b |
| 14 | 2229 | 9.0 | −72 59 | *8.9* | 9.7 | G5 | 2 | .. | 21336b |
| 15 | 2955 | 9.1 | +28 13 | 8.2 | *8.7* | F8 | 1 | .. | 38480i |
| 16 | 2956 | 9.1 | +28 12 | 8.2 | *8.7* | F8 | 1 | .. | |
| 17 | 3400 | 9.1 | +15 20 | 8.4 | *8.4* | Ao | 3 | .. | 37959i |
| 18 | 3658 | 9.1 | + 4 11 | 7.9 | *9.1* | K5 | 3 | .. | 37811i |
| 19 | 4673 | 9.1 | − 9 22 | 9.1 | *9.6* | F8 | 2 | .. | 40602b |
| 20 | 4566 | 9.1 | −11 15 | 8.7 | *8.7* | B9 | 4 | .. | 40332b |
| 21 | 5083 | 9.1 | −17 19 | 11.1 | *11.7* | Go | 2 | .. | 24169b |
| 22 | 4859 | 9.1 | −18 7 | 11.0 | *11.0* | Ao | 2 | .. | 24169b |
| 23 | 4858 | 9.1 | −18 35 | 8.5 | *8.8* | F2 | 7 | .. | 24169b |
| 24 | 4857 | 9.1 | −18 59 | 8.9 | *8.8* | B5 | 5 | .. | 24169b |
| 25 | 5051 | 9.1 | −20 54 | 8.9 | 8.5 | Ko | 6 | .. | 24169b |
| 26 | 4922 | 9.1 | −21 39 | 11.0 | 10.0 | A | 1 | . | 40711b |
| 27 | 12618 | 9.1 | −27 9 | 11.2 | 10.1 | B9 | 2 | .. | 17092b |
| 28 | 12621 | 9.1 | −27 33 | 10.9 | 10.0 | Ao | 3 | .. | 17092b |
| 29 | 12619 | 9.1 | −27 56 | 9.7 | 10.4 | K5 | 1 | .. | 17092b |
| 30 | 13014 | 9.1 | −33 8 | 6.87 | 7.3 | B9 | 10 | .. | 40724b |
| 31 | 12429 | 9.1 | −35 40 | 7.26 | 7.4 | Ao | 8 | .. | 38804b |
| 32 | 12425 | 9.1 | −35 49 | 9.9 | 9.6 | G5 | 1 | .. | 38804b |
| 33 | 12388 | 9.1 | −36 37 | 7.00 | 6.7 | B3 | .. | 2, R | **28**,213 |
| 34 | 12389 | 9.1 | −36 48 | 8.3 | 8.0 | B8 | 8 | .. | 38804b |
| 35 | 12597 | 9.1 | −41 39 | 8.6 | 8.0 | B8 | 7 | .. | 21880b |
| 36 | 12344 | 9.1 | −45 40 | 11.0 | 10.3 | A2 | 1 | .. | 19962b |
| 37 | 8799 | 9.1 | −54 12 | *9.2* | 10.0 | G5 | 3 | .. | 37621b |
| 38 | 7366 | 9.1 | −58 13 | 8.8 | 8.9 | F5 | 3 | .. | 42469b |
| 39 | 5827 | 9.1 | −62 54 | *8.7* | 8.7 | Ao | 3 | .. | 42484b |
| 40 | 3192 | 9.2 | +26 28 | 9.0 | *9.1* | A5 | 3 | .. | 37806i |
| 41 | 3619 | 9.2 | + 9 24 | 7.6 | *8.6* | Ko | 4 | .. | 9437b |
| 42 | 3616 | 9.2 | + 8 13 | 8.7 | *9.9* | K5 | 1 | .. | 9437b |
| 43 | 3653 | 9.2 | + 5 19 | 9.7 | *11.1* | Mb | .. | .. | M |
| 44 | 4602 | 9.2 | − 5 36 | 7.9 | *7.9* | Ao | 9 | .. | 38110b |
| 45 | 4946 | 9.2 | −14 53 | 9.51 | *10.69* | K5 | 2 | .. | 24169b |
| 46 | 4889 | 9.2 | −15 25 | 7.30 | *8.30* | Ko | 8 | .. | 24169b |
| 47 | 4924 | 9.2 | −19 15 | 9.4 | 8.8 | B9 | 4 | .. | 24169b |
| 48 | 4923 | 9.2 | −19 58 | 10.6 | 9.7 | B8 | 4 | .. | 24169b |
| 49 | 14093 | 9.2 | −24 0 | 10.0 | 9.2 | Ao | 3 | .. | 40711b |
| 50 | 12622 | 9.2 | −27 25 | 10.2 | 10.4 | Ko | 1 | .. | 17092b |
| 51 | 14359 | 9.2 | −28 10 | 11.4 | 10.3 | Ao | 2 | .. | 17092b |
| 52 | 14360 | 9.2 | −28 39 | 10.2 | 9.2 | F5 | 3 | .. | 17092b |
| 53 | 12376 | 9.2 | −37 5 | 8.6 | 8.1 | F8 | 5 | .. | 38804b |
| 54 | 12629 | 9.2 | −38 48 | 9.9 | 9.5 | F8 | 3 | .. | 21880b |
| 55 | 12600 | 9.2 | −41 0 | 10.3 | 10.4 | Go | 2 | .. | 21880b |
| 56 | 12249 | 9.2 | −46 9 | 10.1 | 10.1 | Ao | 2 | .. | 19962b |
| 57 | 11460 | 9.2 | −51 6 | 6.27 | 6.7 | B9 | 7 | .. | 36342b |
| 58 | 8800 | 9.2 | −54 4 | *9.3* | 10.3 | Ko | 3 | .. | 37621b |
| 59 | 6124 | 9.2 | −61 15 | 6.8 | 8.2 | G5 | 7 | 0,7 | 42469b |
| 60 | 2441 | 9.3 | +46 43 | 8.0 | *8.8* | G5 | 2 | .. | 37844i |
| 61 | 4577 | 9.3 | − 2 40 | 8.6 | *9.0* | F5 | 3 | .. | 38110b |
| 62 | 4604 | 9.3 | − 5 15 | 9.2 | *9.3* | A2 | 4 | .. | 38110b |
| 63 | 5055 | 9.3 | −20 25 | 6.02 | *5.80* | B1 | .. | .. | **28**,213 |
| 64 | 5054 | 9.3 | −20 46 | 5.42 | *5.18* | Bo | .. | R | **28**,213 |
| 65 | 4637 | 9.3 | −22 9 | 10.3 | 9.7 | B9 | 2 | .. | 40711b |
| 66 | 4638 | 9.3 | −22 47 | 9.7 | 8.8 | B9 | 3 | .. | 40711b |
| 67 | 14097 | 9.3 | −24 10 | 10.7 | 9.3 | B9 | 3 | .. | 40711b |
| 68 | 13019 | 9.3 | −33 33 | 10.1 | 10.0 | K2 | 1 | .. | 40724b |
| 69 | 12325 | 9.3 | −40 23 | 10.3 | 10.0 | A2 | 3 | .. | 21880b |
| 70 | 8712 | 9.3 | −56 31 | 7.3 | 8.2 | Fo | 7 | .. | 42469b |
| 71 | 7367 | 9.3 | −58 57 | 8.6 | 9.8 | Go | 3 | .. | 42469b |
| 72 | 7249 | 9.3 | −59 56 | 9.50 | 9.8 | G5 | 2 | .. | 42469b |
| 73 | 1295 | 9.3 | −77 58 | *9.6* | 9.7 | A3 | 2 | .. | 19008b |
| 74 | 1052 | 9.4 | +67 59 | 7.97 | *7.97* | Ao | 5 | 2,4 | 37907i |
| 75 | 3195 | 9.4 | +26 12 | 7.35 | *8.35* | Ko | 5 | .. | 37806i |
| 76 | .. | 9.4 | +11 35 | Nov. | Nov. | Pec. | .. | R | M |
| 77 | 3413 | 9.4 | +16 23 | 7.8 | *8.9* | K2 | 2 | .. | 37959i |
| 78 | 3892 | 9.4 | + 0 10 | 7.88 | *8.22* | F2 | 3 | .. | 37811i |
| 79 | 4578 | 9.4 | − 2 38 | 7.9 | *9.1* | K5 | 4 | .. | 38110b |
| 80 | 4947 | 9.4 | −14 22 | 10.1 | *10.1* | Ao | 2 | .. | 24169b |
| 81 | 4890 | 9.4 | −15 42 | 9.2 | *10.2* | Ko | 5 | .. | 24169b |
| 82 | 4768 | 9.4 | −16 0 | 11.0 | *11.0* | B9 | 3 | .. | 24169b |
| 83 | 4767 | 9.4 | −16 4 | 9.4 | *9.4* | B8 | 6 | .. | 24169b |
| 84 | 5088 | 9.4 | −17 8 | 8.9 | *8.9* | B9 | 6 | .. | 24169b |
| 85 | 5087 | 9.4 | −17 41 | 9.2 | *9.2* | B9 | 6 | .. | 24169b |
| 86 | .. | 9.4 | −18 10 | .. | .. | F5 | 2 | .. | 24169b |
| 87 | 4928 | 9.4 | −19 1 | 8.3 | 6.8 | Bo | .. | .. | **56**,141 |
| 88 | 14132 | 9.4 | −23 9 | 8.9 | 8.0 | B5 | 6 | .. | 40711b |
| 89 | 14133 | 9.4 | −23 46 | 11.2 | 9.9 | A | 1 | .. | 40711b |
| 90 | 14364 | 9.4 | −28 7 | 9.3 | 7.7 | B8 | 7 | .. | 17092b |
| 91 | 15317 | 9.4 | −31 47 | 8.3 | 9.7 | K5 | 2 | .. | 40724b |
| 92 | 13023 | 9.4 | −33 20 | 8.6 | 9.5 | K5 | 1 | .. | 40724b |
| 93 | 12395 | 9.4 | −36 38 | 8.9 | 9.3 | Ko | 3 | .. | 38804b |
| 94 | 12385 | 9.4 | −37 22 | 10.8 | 9.8 | Ao | 1 | .. | 38804b |
| 95 | 12382 | 9.4 | −37 31 | 10.1 | 9.2 | A2 | 2 | .. | 38804b |
| 96 | 12633 | 9.4 | −38 57 | 10.3 | 10.0 | Ao | 3 | .. | 21880b |
| 97 | 12327 | 9.4 | −40 30 | 7.3 | 7.1 | B8 | 10 | .. | 21880b |
| 98 | 12467 | 9.4 | −44 59 | 10.6 | 10.7 | Ma | .. | .. | M |
| 99 | 11461 | 9.4 | −51 32 | 9.7 | 9.8 | Ko | 3 | .. | 39457b |
| 100 | 6125 | 9.4 | −61 58 | 8.9 | 9.5 | Go | 2 | .. | 42484b |



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| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4368 | 9.4 | −63 54 | 7.7 | 7.7 | Ao | 4 | .. | 42484b |
| 2 | 978 | 9.5 | +68 34 | 8.3 | 9.3 | Ko | 2 | .. | 37907i |
| 3 | 3010 | 9.5 | +41 22 | 7.9 | 8.3 | F5 | 2 | .. | 37844i |
| 4 | 3011 | 9.5 | +41 8 | 6.36 | 7.36 | Ko | 5 | .. | 37844i |
| 5 | 3619 | 9.5 | + 8 51 | 9.2 | 9.2 | Ao | 2 | .. | 9437b |
| 6 | 3656 | 9.5 | + 5 52 | 8.5 | 8.6 | A2 | 3 | .. | 37811i |
| 7 | 3640 | 9.5 | + 3 45 | 9.0 | 9.0 | Ao | 2 | .. | 37811i |
| 8 | 3641 | 9.5 | + 3 38 | 9.1 | 9.1 | Ao | 3 | .. | 9437b |
| 9 | 4424 | 9.5 | − 4 43 | 9.2 | 9.6 | F5 | 4 | .. | 38110b |
| 10 | 4423 | 9.5 | − 4 44 | 9.4 | 9.8 | F5 | 3 | .. | 38110b |
| 11 | 4953 | 9.5 | −12 32 | 8.3 | 8.1 | B | 4 | .. | 40332b |
| 12 | 4892 | 9.5 | −15 1 | 10.7 | 10.6 | B5 | 3 | .. | 24169b |
| 13 | 4769 | 9.5 | −16 51 | 9.7 | 9.7 | B9p | 7 | R | 24169b |
| 14 | 4862 | 9.5 | −18 58 | 8.9 | 10.1 | K5 | 4 | .. | 24169b |
| 15 | 4929 | 9.5 | −19 57 | 8.53 | 8.3 | Go | 7 | .. | 24169b |
| 16 | 12981 | 9.5 | −26 22 | 8.7 | 8.6 | A5 | 6 | .. | 40711b |
| 17 | 12982 | 9.5 | −26 27 | 9.2 | 9.3 | Go | 3 | .. | 40711b |
| 18 | 14730 | 9.5 | −29 36 | 9.5 | 10.2 | K2 | 3 | .. | 17092b |
| 19 | 13021 | 9.5 | −33 48 | 7.9 | 8.3 | Ko | 5 | .. | 40724b |
| 20 | 12635 | 9.5 | −38 42 | 8.9 | 9.1 | A2 | 7 | .. | 21880b |
| 21 | 12634 | 9.5 | −38 58 | 9.2 | 8.8 | B5 | 8 | .. | 21880b |
| 22 | 12394 | 9.5 | −39 20 | 9.3 | 10.0 | F5 | 2 | .. | 21880b |
| 23 | 12252 | 9.5 | −46 6 | 8.6 | 9.6 | K5 | 3 | .. | 19962b |
| 24 | 12168 | 9.5 | −47 26 | 9.3 | 8.9 | B9 | 8 | .. | 19962b |
| 25 | 3301 | 9.5 | −66 42 | 7.4 | 8.4 | Ko | 4 | .. | 41598b |
| 26 | 875 | 9.6 | +71 3 | 9.0 | 9.1 | A2 | 1 | .. | 38095i |
| 27 | 2655 | 9.6 | +48 6 | 7.60 | 8.60 | Ko | 2 | .. | 37844i |
| 28 | 3464 | 9.6 | +25 34 | 8.4 | 9.4 | Ko | 2 | .. | 37806i |
| 29 | 4579 | 9.6 | − 2 33 | 8.7 | 9.7 | Ko | 5 | .. | 38110b |
| 30 | 4954 | 9.6 | −12 34 | 8.1 | 7.9 | Bo | 5 | .. | 40338b |
| 31 | 4893 | 9.6 | −13 57 | 9.2 | 9.6 | F5 | 3 | .. | 24169b |
| 32 | 4893 | 9.6 | −16 0 | 10.1 | 10.0 | B5 | 4 | .. | 24169b |
| 33 | 4774 | 9.6 | −16 26 | 10.8 | 10.8 | B8 | 4 | .. | 24169b |
| 34 | 4773 | 9.6 | −16 50 | 8.9 | 9.9 | Ko | 3 | .. | 24169b |
| 35 | 4771 | 9.6 | −16 52 | 7.44 | 7.39 | B8 | 9 | .. | 24169b |
| 36 | 4863 | 9.6 | −18 24 | 9.4 | 9.3 | B5 | 3 | .. | 24169b |
| 37 | 4931 | 9.6 | −19 21 | 10.1 | 9.1 | B8 | 4 | .. | 24169b |
| 38 | 5059 | 9.6 | −20 30 | 9.4 | 8.8 | B8 | 4 | .. | 24169b |
| 39 | 14732 | 9.6 | −29 11 | 8.7 | 8.8 | B8 | 5 | .. | 17092b |
| 40 | 15322 | 9.6 | −31 48 | 10.9 | 10.0 | A3 | 1 | .. | 40724b |
| 41 | 13942 | 9.6 | −32 43 | 10.3 | 10.3 | K5 | 1 | .. | 40724b |
| 42 | 12436 | 9.6 | −35 17 | 7.13 | 8.4 | K2 | 6 | .. | 38804b |
| 43 | 12438 | 9.6 | −35 50 | 10.3 | 9.2 | B9 | 3 | .. | 38804b |
| 44 | 12637 | 9.6 | −38 20 | 8.6 | 8.6 | Ao | 5 | .. | 38804b |
| 45 | 13059 | 9.6 | −42 38 | 10.3 | 10.6 | G5 | 1 | .. | 21880b |
| 46 | 12349 | 9.6 | −45 44 | 10.6 | 10.1 | A3 | 2 | .. | 19962b |
| 47 | 1728 | 9.7 | +61 10 | 8.1 | 9.1 | Ko | 2 | .. | 38505i |
| 48 | 2158 | 9.7 | +52 18 | 7.54 | 8.61 | K2 | 4 | .. | 38778i |
| 49 | 3186 | 9.7 | +35 10 | 7.77 | 7.91 | A5 | 4 | 0,3 | 37828i |
| 50 | 3705 | 9.7 | +20 15 | 7.50 | 8.50 | Ko | 4 | .. | 37806i |
| 51 | 3562 | 9.7 | +19 57 | 8.95 | 9.23 | F | 1 | .. | 37806i |
| 52 | 3629 | 9.7 | + 1 43 | 8.3 | 8.7 | F5 | 5 | .. | 13401b |
| 53 | 4729 | 9.7 | − 6 49 | 8.9 | 10.1 | K5 | 1 | .. | 40602b |
| 54 | 4775 | 9.7 | −17 0 | 10.3 | 10.3 | B9 | 3 | .. | 24169b |
| 55 | 5090 | 9.7 | −17 55 | 11.0 | 11.0 | Ao | 2 | .. | 24169b |
| 56 | 4864 | 9.7 | −18 42 | 6.08 | 6.14 | A2 | 7 | R | 43327b |
| 57 | 4932 | 9.7 | −20 0 | 9.7 | 10.8 | K5 | 1 | .. | 24169b |
| 58 | 5062 | 9.7 | −20 38 | 9.4 | 9.1 | A2 | 4 | .. | 24169b |
| 59 | 14137 | 9.7 | −23 51 | 8.5 | 9.1 | G5 | 4 | .. | 40711b |
| 60 | 12937 | 9.7 | −25 30 | 10.2 | 8.9 | B8 | 3 | .. | 40711b |
| 61 | 12935 | 9.7 | −25 45 | 9.2 | 9.8 | Ko | 2 | .. | 40711b |
| 62 | 15469 | 9.7 | −30 54 | 11.8 | 11.1 | Pec. | 2 | R | 17092b |
| 63 | 15328 | 9.7 | −31 11 | 7.5 | 8.5 | B5 | 8 | .. | 40724b |
| 64 | 15326 | 9.7 | −31 55 | 10.4 | 9.5 | Go | 2 | .. | 40724b |
| 65 | 12396 | 9.7 | −39 21 | 10.3 | 10.8 | F8 | 2 | .. | 21880b |
| 66 | 12331 | 9.7 | −40 37 | 8.6 | 8.0 | Ao | 7 | .. | 21880b |
| 67 | 13062 | 9.7 | −42 42 | 10.3 | 10.4 | A2 | 2 | .. | 21880b |
| 68 | 9042 | 9.7 | −53 32 | 8.5 | 8.8 | Ao | 7 | .. | 37621b |
| 69 | 3024 | 9.8 | +42 47 | 8.0 | 9.0 | Ko | 2 | .. | 37844i |
| 70 | 3113 | 9.8 | +38 45 | 5.88 | 5.88 | Ao | 8 | .. | 38500i |
| 71 | 4730 | 9.8 | − 6 51 | 10.1 | 10.6 | F8 | 1 | .. | 40602b |
| 72 | 4950 | 9.8 | −14 37 | 11.0 | 10.9 | B5 | 2 | .. | 24169b |
| 73 | .. | 9.8 | −17 8 | .. | .. | Ao | 2 | .. | 24169b |
| 74 | 5091 | 9.8 | −17 55 | 10.7 | 10.7 | Ao | 3 | .. | 24169b |
| 75 | 4865 | 9.8 | −18 59 | 9.7 | 9.5 | B | 7 | R | 24169b |
| 76 | 4934 | 9.8 | −19 14 | 10.7 | 9.5 | F2 | 3 | .. | 24169b |
| 77 | 4933 | 9.8 | −19 31 | 9.4 | 8.9 | F2 | 6 | .. | 24169b |
| 78 | 4935 | 9.8 | −19 51 | 9.08 | 8.8 | Ao | 5 | .. | 24169b |
| 79 | 5063 | 9.8 | −20 14 | 8.7 | 8.5 | B9 | 7 | .. | 24169b |
| 80 | 12938 | 9.8 | −25 45 | 10.9 | 9.3 | B9 | 3 | .. | 40711b |
| 81 | 14377 | 9.8 | −28 8 | 9.5 | 8.4 | Ao | 6 | .. | 17092b |
| 82 | 15331 | 9.8 | −31 21 | 7.19 | 7.9 | Fo | 8 | .. | 40724b |
| 83 | 13947 | 9.8 | −32 33 | 9.9 | 9.7 | A3 | 2 | .. | 40724b |
| 84 | 12414 | 9.8 | −43 38 | 8.4 | 8.9 | F5 | 7 | .. | 21880b |
| 85 | 11054 | 9.8 | −52 5 | 7.3 | 7.7 | F5 | 8 | .. | 37621b |
| 86 | 1166 | 9.8 | −78 25 | 9.7 | 9.8 | A2 | 1 | .. | 19008b |
| 87 | 1813 | 9.9 | +60 23 | 6.32 | 6.32 | Ao | 9 | .. | 38505i |
| 88 | 2750 | 9.9 | +49 5 | 7.84 | 7.90 | A2 | 5 | .. | 38559i |
| 89 | 3013 | 9.9 | +41 29 | 7.66 | 8.16 | F8 | 4 | .. | 37844i |
| 90 | 3357 | 9.9 | +39 27 | 8.6 | 10.0 | Ma | .. | .. | M |
| 91 | 3199 | 9.9 | +26 44 | 8.1 | 8.5 | F5 | 5 | .. | 37806i |
| 92 | 3643 | 9.9 | + 3 39 | 8.1 | 8.1 | B9 | 7 | .. | 37811i |
| 93 | 3632 | 9.9 | + 1 7 | 8.89 | 9.89 | Ko | 2 | .. | 13401b |
| 94 | 4956 | 9.9 | −12 56 | 10.3 | 10.3 | Ao | 1 | .. | 40332b |
| 95 | 4895 | 9.9 | −15 6 | 10.6 | 10.6 | Ao | 4 | .. | 24169b |
| 96 | 4896 | 9.9 | −15 56 | 8.7 | 8.7 | B8 | 8 | .. | 24169b |
| 97 | 5092 | 9.9 | −17 0 | 9.2 | 9.0 | Bo | 6 | .. | 24169b |
| 98 | 4867 | 9.9 | −18 28 | 10.6 | 10.6 | B8 | 2 | .. | 24169b |
| 99 | R | 9.9 | −20 4 | 10.3 | 10.3 | B9 | 1 | .. | 24169b |
| 100 | 14145 | 9.9 | −23 4 | 10.7 | 10.0 | A | 1 | .. | 40711b |



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## 167400 — $18^h\ 9^m.9$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 14736 | 9.9 | −29 8 | 9.5 | 9.1 | B8 | 4 | .. | 17092b |
| 2 | 15474 | 9.9 | −30 10 | 8.98 | 8.9 | B3 | 4 | .. | 17092b |
| 3 | 13029 | 9.9 | −33 9 | 9.3 | 8.9 | B9 | 4 | .. | 40724b |
| 4 | 12332 | 9.9 | −40 30 | 10.3 | 10.3 | B9 | 2 | .. | 21880b |
| 5 | 12392 | 9.9 | −48 38 | 9.7 | 9.5 | Ao | 3 | .. | 19962b |
| 6 | 11826 | 9.9 | −50 46 | 8.0 | 9.5 | Ma | 4 | .. | 19962b |
| 7 | 678 | 10.0 | +76 7 | 7.62 | *8.12* | F8 | 4 | .. | 38044i |
| 8 | 3564 | 10.0 | +19 51 | 8.55 | *8.55* | Ao | 2 | .. | 37806i |
| 9 | 4953 | 10.0 | −14 46 | 10.1 | *10.0* | B5 | 4 | R | 24169b |
| 10 | 4872 | 10.0 | −18 5 | 10.6 | *11.4* | G5 | 2 | .. | 24169b |
| 11 | 4871 | 10.0 | −18 17 | 8.6 | *8.4* | B3 | 8 | .. | 24169b |
| 12 | 4869 | 10.0 | −18 29 | 9.4 | *9.3* | B5 | 5 | .. | 24169b |
| 13 | 4870 | 10.0 | −18 47 | 10.6 | *11.1* | F8 | 2 | .. | 24169b |
| 14 | 4640 | 10.0 | −22 35 | 10.7 | 9.7 | A | 1 | .. | 40711b |
| 15 | 14381 | 10.0 | −28 58 | 8.1 | 8.7 | K2 | 3 | .. | 17092b |
| 16 | 15478 | 10.0 | −30 39 | 10.0 | 9.2 | Ao | 2 | .. | 40724b |
| 17 | 15334 | 10.0 | −31 20 | 10.2 | 9.2 | B9 | 2 | .. | 40724b |
| 18 | 12443 | 10.0 | −35 48 | 9.3 | 9.8 | K2 | 1 | .. | 38804b |
| 19 | 12406 | 10.0 | −36 40 | 11.0 | 10.0 | Ko | 1 | .. | 38804b |
| 20 | 12642 | 10.0 | −38 43 | 10.6 | 9.5 | Ao | 5 | .. | 21880b |
| 21 | 12415 | 10.0 | −43 48 | 11.6 | 10.4 | Fo | 2 | .. | 21880b |
| 22 | 12477 | 10.0 | −44 36 | 9.1 | 8.7 | A2 | 6 | .. | 21880b |
| 23 | 12175 | 10.0 | −47 40 | 9.5 | 9.6 | F8 | 3 | .. | 19962b |
| 24 | 11829 | 10.0 | −50 13 | 8.5 | 8.9 | A2 | 6 | .. | 19962b |
| 25 | 4370 | 10.0 | −63 55 | 6.20 | 6.7 | Go | .. | 0,10 | **28**,213 |
| 26 | 2161 | 10.1 | +52 42 | 7.80 | *8.98* | K5 | 2 | 0,2 | 38559i |
| 27 | 3621 | 10.1 | + 8 57 | 8.7 | *9.7* | Ko | 2 | .. | 9437b |
| 28 | 4580 | 10.1 | − 2 14 | 9.9 | *9.9* | Ao | 1 | .. | 38110b |
| 29 | 4578 | 10.1 | − 8 32 | 8.1 | *8.2* | A3 | 6 | .. | 40602b |
| 30 | 4954 | 10.1 | −14 22 | 9.7 | *10.7* | Ko | 1 | .. | 24169b |
| 31 | 4897 | 10.1 | −15 56 | 10.6 | *10.6* | B9 | 4 | .. | 24169b |
| 32 | 5095 | 10.1 | −17 9 | 10.6 | *10.5* | B5 | 3 | .. | 24169b |
| 33 | 5094 | 10.1 | −17 39 | 7.22 | *7.17* | B8 | 10 | .. | 24169b |
| 34 | 5093 | 10.1 | −17 49 | 9.7 | *9.8* | A2 | 6 | .. | 24169b |
| 35 | 4936 | 10.1 | −19 57 | 9.9 | 8.8 | B8 | 3 | .. | 24169b |
| 36 | 5065 | 10.1 | −20 3 | 9.9 | 9.6 | B5 | 4 | .. | 24169b |
| 37 | 12946 | 10.1 | −25 35 | 9.3 | 8.3 | B8 | 6 | .. | 40711b |
| 38 | 12943 | 10.1 | −25 54 | 10.4 | 8.9 | Ao | 4 | .. | 40711b |
| 39 | 12644 | 10.1 | −27 28 | 8.3 | 7.7 | B9 | 6 | .. | 17092b |
| 40 | 14739 | 10.1 | −29 42 | 10.2 | 9.7 | Ao | 2 | .. | 17092b |
| 41 | 15479 | 10.1 | −30 26 | 7.8 | 7.9 | B8 | 7 | .. | 40724b |
| 42 | 12655 | 10.1 | −34 43 | 9.9 | 9.6 | B9 | 2 | .. | 40724b |
| 43 | 12444 | 10.1 | −35 46 | 8.9 | 9.2 | A5 | 3 | .. | 38804b |
| 44 | 13073 | 10.1 | −42 15 | 9.9 | 8.8 | Ao | 6 | .. | 21880b |
| 45 | 13072 | 10.1 | −42 58 | 10.3 | 10.4 | Go | 1 | .. | 21880b |
| 46 | 9045 | 10.1 | −53 42 | *10.0* | 10.3 | Fo | 1 | .. | 37621b |
| 47 | 6128 | 10.1 | −61 51 | 8.8 | 10.1 | K5 | 1 | .. | 42484b |
| 48 | 955 | 10.1 | −79 19 | *7.7* | 8.8 | K2 | 7 | .. | 19008b |
| 49 | 3076 | 10.2 | +32 15 | 8.6 | *9.8* | K5 | 1 | .. | 37828i |
| 50 | 4608 | 10.2 | − 5 30 | 7.21 | *7.99* | G5 | 9 | .. | 38110b |
| 51 | 4897 | 10.2 | −13 36 | 7.9 | *7.7* | B2 | 4 | .. | 40332b |
| 52 | 4778 | 10.2 | −16 3 | 10.3 | *10.3* | B8 | 3 | .. | 24169b |
| 53 | 4928 | 10.2 | −21 58 | 10.8 | 10.4 | B8 | 2 | .. | 40711b |
| 54 | 12950 | 10.2 | −25 2 | 9.7 | 9.5 | B8 | 3 | .. | 40711b |
| 55 | 12949 | 10.2 | −25 48 | 10.9 | 9.3 | Ao | 3 | .. | 40711b |
| 56 | 12648 | 10.2 | −27 15 | 10.0 | 8.9 | B8 | 4 | .. | 17092b |
| 57 | 12647 | 10.2 | −27 58 | 8.7 | 10.0 | Ma | 3 | .. | 17092b |
| 58 | 14386 | 10.2 | −28 21 | 9.0 | 9.5 | Ko | 3 | .. | 17092b |
| 59 | 12336 | 10.2 | −40 25 | 10.8 | 10.3 | B9 | 2 | .. | 21880b |
| 60 | 12418 | 10.2 | −43 20 | 10.1 | 10.6 | G5 | 1 | .. | 21880b |
| 61 | 12181 | 10.2 | −47 9 | 8.3 | 9.3 | K2 | 5 | .. | 19962b |
| 62 | 12180 | 10.2 | −47 54 | 9.0 | 8.9 | A5 | 6 | .. | 19962b |
| 63 | 11058 | 10.2 | −52 54 | *9.8* | 10.3 | F8 | 2 | .. | 37621b |
| 64 | 9048 | 10.2 | −53 14 | *9.1* | 9.7 | Go | 3 | .. | 37621b |
| 65 | 8806 | 10.2 | −54 22 | 7.3 | 8.5 | K2 | 7 | .. | 37621b |
| 66 | 6129 | 10.2 | −61 40 | 8.8 | 10.1 | K2 | 1 | .. | 42484b |
| 67 | 1898 | 10.2 | −73 27 | *8.7* | 9.5 | G5 | 2 | .. | 21336b |
| 68 | 1417 | 10.2 | −75 5 | 5.61 | 5.8 | Ao | .. | R | **56**,141 |
| 69 | 1054 | 10.3 | +67 46 | 8.1 | *8.7* | Go | 3 | .. | 37907i |
| 70 | 1247 | 10.3 | +65 22 | 8.1 | *9.1* | Ko | 2 | .. | 38505i |
| 71 | 1814 | 10.3 | +60 36 | 8.1 | *8.6* | F8 | 4 | .. | 38505i |
| 72 | 2960 | 10.3 | +28 12 | 6.90 | *7.90* | Ko | 6 | .. | 37806i |
| 73 | 3624 | 10.3 | + 8 46 | 8.7 | *8.7* | Ao | 5 | .. | 9437b |
| 74 | 4779 | 10.3 | −16 52 | 9.4 | *9.4* | B8 | 6 | .. | 24169b |
| 75 | 5096 | 10.3 | −17 7 | 9.9 | *10.2* | F2 | 3 | .. | 24169b |
| 76 | .. | 10.3 | −17 40 | .. | .. | B8 | 3 | .. | 24169b |
| 77 | ... | 10.3 | −17 56 | .. | .. | A | 2 | .. | 24169b |
| 78 | 4875 | 10.3 | −18 28 | 10.3 | *10.2* | B5 | 5 | .. | 24169b |
| 79 | 4873 | 10.3 | −18 49 | 8.8 | *8.6* | B3 | 8 | .. | 24169b |
| 80 | 4937 | 10.3 | −19 23 | 10.6 | 9.9 | Ao | 3 | .. | 24169b |
| 81 | 4643 | 10.3 | −22 4 | 9.4 | 11.0 | K2 | 1 | .. | 40711b |
| 82 | 14747 | 10.3 | −29 48 | 9.2 | 8.6 | A2 | 4 | .. | 17092b |
| 83 | 12411 | 10.3 | −36 19 | 9.9 | 9.5 | B9 | 2 | .. | 38804b |
| 84 | 12648 | 10.3 | −38 10 | 9.3 | 9.1 | B9 | 5 | .. | 38804b |
| 85 | 12617 | 10.3 | −41 16 | 9.2 | 10.4 | G5 | 3 | .. | 21880b |
| 86 | 12419 | 10.3 | −43 32 | 8.5 | 8.4 | Ao | 8 | .. | 21880b |
| 87 | 12481 | 10.3 | −44 35 | 9.3 | 9.5 | F8 | 3 | .. | 21880b |
| 88 | 12266 | 10.3 | −46 55 | 7.7 | 9.2 | K5 | 6 | .. | 19962b |
| 89 | 12395 | 10.3 | −48 13 | 9.5 | 9.3 | B9 | 3 | .. | 19962b |
| 90 | 357 | 10.3 | −86 16 | 8.14 | 9.1 | F5 | 7 | 3,8 | 22578b |
| 91 | 3211 | 10.4 | +31 28 | 8.1 | *8.4* | F2 | 4 | .. | 37828i |
| 92 | 3368 | 10.4 | +24 7 | 8.2 | *9.2* | Ko | 3 | .. | 37806i |
| 93 | 3565 | 10.4 | +19 2 | 7.7 | *8.8* | K2 | 1 | .. | 37806i |
| 94 | 3647 | 10.4 | + 3 29 | 8.7 | *8.7* | Ao | 4 | .. | 37811i |
| 95 | 3898 | 10.4 | + 0 11 | 8.5 | *9.6* | K2 | 3 | .. | 13401b |
| 96 | 4572 | 10.4 | −11 2 | 7.9 | *8.4* | F8 | 5 | .. | 40332b |
| 97 | 4956 | 10.4 | −14 20 | 9.4 | *9.2* | B3 | 3 | .. | 24169b |
| 98 | 4955 | 10.4 | −14 57 | 7.86 | *7.86* | Ao | 9 | .. | 24169b |
| 99 | 4781 | 10.4 | −16 49 | 9.4 | *9.4* | Ao | 6 | .. | 24169b |
| 100 | .. | 10.4 | −17 57 | .. | .. | A | 2 | .. | 24169b |



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1922AnHar..97....1C



## 167500 — $18^h\,10^m.4$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4938 | 10.4 | −19 15 | 10.8 | 10.1 | B9 | 3 | .. | 24169b |
| 2 | 4644 | 10.4 | −22 16 | 10.3 | 11.0 | Ko | 1 | .. | 40711b |
| 3 | 14153 | 10.4 | −23 56 | 7.4 | 7.5 | Fo | 7 | .. | 40711b |
| 4 | 14752 | 10.4 | −29 54 | 8.98 | 8.5 | B8 | 6 | .. | 17092b |
| 5 | 13960 | 10.4 | −32 24 | 9.3 | 8.9 | F2 | 6 | .. | 40724b |
| 6 | 12650 | 10.4 | −38 13 | 6.79 | 7.6 | Ko | 8 | .. | 38804b |
| 7 | 12651 | 10.4 | −38 56 | 11.7 | 10.4 | A2 | 3 | .. | 21880b |
| 8 | 12340 | 10.4 | −40 27 | 11.0 | 10.3 | Ao | 2 | .. | 21880b |
| 9 | 12420 | 10.4 | −43 6 | 8.3 | 8.6 | A2 | 7 | .. | 21880b |
| 10 | 12042 | 10.4 | −49 30 | 9.5 | 9.2 | B9 | 3 | .. | 19962b |
| 11 | 11469 | 10.4 | −51 52 | 11.0 | 11.2 | K5 | 1 | .. | 39457b |
| 12 | 7369 | 10.4 | −58 0 | 9.0 | 9.2 | A2 | 3 | .. | 42469b |
| 13 | 2918 | 10.5 | +43 19 | 7.70 | *8.48* | G5 | 4 | .. | 37844i |
| 14 | 3283 | 10.5 | +23 33 | 9.2 | *9.3* | A3 | 2 | .. | 37806i |
| 15 | 3668 | 10.5 | + 6 51 | 8.4 | *9.4* | Ko | 3 | .. | 9437b |
| 16 | 3633 | 10.5 | + 1 20 | 8.4 | *8.9* | F8 | 4 | . | 13401b |
| 17 | 4257 | 10.5 | − 3 23 | 7.32 | *8.32* | Ko | 7 | .. | 38110b |
| 18 | 4573 | 10.5 | −11 12 | 7.51 | *7.93* | F5 | 8 | .. | 40332b |
| 19 | 4957 | 10.5 | −14 39 | 10.1 | *9.9* | B | 2 | 0,2 | 24169b |
| 20 | 4939 | 10.5 | −19 0 | 9.7 | 8.7 | B8 | 7 | .. | 24169b |
| 21 | 14155 | 10.5 | −23 15 | 8.9 | 9.0 | G5 | 3 | .. | 40711b |
| 22 | 12957 | 10.5 | −25 10 | 8.95 | 9.2 | Go | 3 | .. | 40711b |
| 23 | 12654 | 10.5 | −27 4 | 10.7 | 10.0 | Ao | 2 | .. | 17092b |
| 24 | 15484 | 10.5 | −30 19 | 9.2 | 9.7 | F8 | 2 | .. | 40724b |
| 25 | 12652 | 10.5 | −38 1 | 9.7 | 10.4 | G5 | 1 | .. | 38804b |
| 26 | 12413 | 10.5 | −39 8 | 9.9 | 10.6 | Mb | 2 | .. | 21880b |
| 27 | 12363 | 10.5 | −45 34 | 9.5 | 9.5 | Go | 5 | .. | 19962b |
| 28 | 12397 | 10.5 | −48 12 | 11.0 | 9.6 | Ao | 2 | .. | 19962b |
| 29 | 12398 | 10.5 | −48 16 | 9.5 | 9.6 | Go | 3 | .. | 19962b |
| 30 | 11061 | 10.5 | −52 48 | 8.2 | 8.3 | Go | 6 | .. | 37621b |
| 31 | 7371 | 10.5 | −58 48 | 8.8 | 9.8 | K2 | 2 | .. | 42469b |
| 32 | 1679 | 10.5 | −74 6 | *8.7* | 9.9 | K5 | 2 | .. | 21336b |
| 33 | 810 | 10.5 | −81 49 | *8.7* | 9.8 | K2 | 1 | .. | 14161b |
| 34 | 829 | 10.6 | +72 8 | 7.9 | *8.3* | F5 | 5 | .. | 38095i |
| 35 | 2048 | 10.6 | +53 33 | 8.5 | *9.3* | G5 | 1 | .. | 38015i |
| 36 | 2678 | 10.6 | +45 33 | 8.1 | *8.4* | Fo | 3 | .. | 37844i |
| 37 | 3316 | 10.6 | +22 19 | 8.7 | *8.7* | B9 | 2 | .. | 37806i |
| 38 | 3604 | 10.6 | +18 27 | 7.7 | *8.0* | Fo | 2 | .. | 37806i |
| 39 | 3426 | 10.6 | +16 14 | 8.3 | *9.7* | Ma | 1 | .. | 37959i |
| 40 | 3446 | 10.6 | +10 15 | 8.47 | *9.25* | G5 | 3 | .. | 9437b |
| 41 | 3670 | 10.6 | + 6 41 | 8.9 | *8.9* | B9 | 3 | .. | 9437b |
| 42 | 3669 | 10.6 | + 6 28 | 9.2 | *9.3* | A2 | 2 | .. | 9437b |
| 43 | 4959 | 10.6 | −14 40 | 8.8 | *8.6* | B2 | 5 | 3,4 | 24169b |
| 44 | 4960 | 10.6 | −14 58 | 10.3 | *11.7* | Ma | 2 | 0,1 | 40332b |
| 45 | 4901 | 10.6 | −15 31 | 10.7 | *10.6* | B5 | 4 | .. | 24169b |
| 46 | 4782 | 10.6 | −16 5 | 11.0 | *10.9* | B5 | 3 | .. | 24169b |
| 47 | 5099 | 10.6 | −17 36 | 10.7 | *11.0* | Fo | 3 | .. | 24169b |
| 48 | .. | 10.6 | −17 58 | .. | .. | A | 2 | .. | 24169b |
| 49 | 14117 | 10.6 | −24 3 | 9.7 | 10.7 | K5 | 1 | .. | 40335b |
| 50 | 12960 | 10.6 | −25 3 | 8.55 | 8.6 | Ao | 5 | .. | 40711b |
| 51 | 12959 | 10.6 | −25 48 | 10.9 | 9.3 | B9 | 2 | .. | 40711b |
| 52 | 15488 | 10.6 | −30 40 | 11.2 | 9.7 | Ao | 2 | .. | 40724b |
| 53 | 13965 | 10.6 | −32 32 | 8.9 | 9.7 | Ko | 2 | .. | 40724b |
| 54 | 12653 | 10.6 | −38 29 | 10.6 | 10.4 | G5 | 1 | .. | 38804b |
| 55 | 12346 | 10.6 | −40 51 | 8.6 | 9.5 | Ko | 5 | .. | 21880b |
| 56 | 12422 | 10.6 | −43 52 | 10.6 | 10.3 | A5 | 2 | .. | 21880b |
| 57 | 9049 | 10.6 | −53 22 | *9.4* | 10.0 | Go | 2 | .. | 37621b |
| 58 | 9050 | 10.6 | −53 47 | 7.4 | 8.5 | G5 | 8 | .. | 37621b |
| 59 | 3311 | 10.6 | −66 10 | *9.0* | 10.4 | Ma | .. | .. | M |
| 60 | 3030 | 10.7 | +42 50 | 8.5 | *8.8* | Fo | 3 | .. | 37844i |
| 61 | 3390 | 10.7 | +11 11 | 8.6 | *9.0* | F5 | 4 | .. | 9437b |
| 62 | 3672 | 10.7 | + 6 10 | 9.2 | *9.2* | Ao | 2 | .. | 9437b |
| 63 | 3545 | 10.7 | + 2 24 | 8.9 | *9.0* | A5 | 3 | .. | 13401b |
| 64 | 4259 | 10.7 | − 3 39 | 6.30 | *6.38* | A3 | 10 | .. | 38110b |
| 65 | 4732 | 10.7 | − 6 49 | 9.7 | *10.5* | G5 | 1 | .. | 40602b |
| 66 | 4783 | 10.7 | −16 46 | 11.1 | *11.1* | A | 2 | .. | 24169b |
| 67 | 4784 | 10.7 | −16 52 | 11.0 | *11.0* | B8 | 3 | .. | 24169b |
| 68 | 4880 | 10.7 | −18 50 | 8.8 | *9.8* | Ko | 7 | .. | 24169b |
| 69 | R | 10.7 | −19 23 | *10.4* | 10.4 | Ao | 2 | .. | 24169b |
| 70 | 5068 | 10.7 | −20 34 | 7.07 | 7.8 | G5 | 3 | R | 43327b |
| 71 | | 10.7 | −20 34 | | | A5 | | | |
| 72 | 4932 | 10.7 | −21 58 | 11.0 | 10.4 | Ao | 2 | .. | 40711b |
| 73 | 14161 | 10.7 | −23 1 | 10.4 | 9.4 | B8 | 2 | .. | 40711b |
| 74 | 12963 | 10.7 | −25 3 | 9.28 | 9.2 | A | 2 | .. | 40711b |
| 75 | 12962 | 10.7 | −25 12 | 9.7 | 9.0 | Ao | 4 | .. | 40711b |
| 76 | 12658 | 10.7 | −27 45 | 6.70 | 8.0 | Ko | 6 | .. | 40711b |
| 77 | 14400 | 10.7 | −28 19 | 10.0 | 10.3 | Ko | 1 | .. | 17092b |
| 78 | 13968 | 10.7 | −32 59 | 7.9 | 7.9 | B8 | 6 | .. | 40724b |
| 79 | 12456 | 10.7 | −35 36 | 8.6 | 8.6 | B9 | 5 | .. | 38804b |
| 80 | 12657 | 10.7 | −38 46 | 10.1 | 9.5 | Ao | 5 | .. | 21880b |
| 81 | 12418 | 10.7 | −39 21 | 11.3 | 10.6 | A2 | 2 | .. | 21880b |
| 82 | 12417 | 10.7 | −39 35 | 8.9 | 10.3 | Ko | 4 | .. | 21880b |
| 83 | 12349 | 10.7 | −40 21 | 10.3 | 10.3 | F2 | 2 | .. | 21880b |
| 84 | 12273 | 10.7 | −46 7 | 10.3 | 9.6 | G5 | 3 | .. | 19962b |
| 85 | 11835 | 10.7 | −50 32 | 9.3 | 9.8 | F8 | 4 | .. | 39457b |
| 86 | 1900 | 10.7 | −73 4 | *7.8* | 8.3 | F8 | 7 | .. | 21336b |
| 87 | 2679 | 10.8 | +45 39 | 7.46 | *8.46* | Ko | 4 | .. | 37844i |
| 88 | 3213 | 10.8 | +29 12 | 6.49 | *7.05* | Go | 6 | 0,7 | 38480i |
| 89 | 3361 | 10.8 | +21 51 | 8.4 | *9.4* | Ko | 2 | .. | 37806i |
| 90 | 3628 | 10.8 | + 9 52 | 9.0 | *9.08* | A3 | 3 | .. | 9437b |
| 91 | 4676 | 10.8 | − 9 50 | 7.81 | *7.87* | A2 | 7 | .. | 40602b |
| 92 | 4962 | 10.8 | −14 16 | 8.7 | *8.7* | B8 | 7 | .. | 24169b |
| 93 | 4903 | 10.8 | −15 41 | 10.6 | *10.7* | A5 | 4 | .. | 24169b |
| 94 | 5101 | 10.8 | −17 20 | 9.7 | *9.7* | B9 | 6 | .. | 24169b |
| 95 | 5102 | 10.8 | −17 51 | 9.9 | *9.9* | B9 | 5 | .. | 24169b |
| 96 | 5100 | 10.8 | −17 56 | 11.0 | *11.0* | B9 | 5 | .. | 24169b |
| 97 | 4881 | 10.8 | −18 27 | 11.0 | *11.0* | B8 | 2 | .. | 24169b |
| 98 | 14120 | 10.8 | −24 43 | 10.0 | 9.5 | Go | 3 | .. | 40711b |
| 99 | 15344 | 10.8 | −31 20 | 7.7 | 7.7 | B8 | 8 | .. | 40724b |
| 100 | 12421 | 10.8 | −36 47 | 10.8 | 9.8 | B9 | 2 | .. | 38804b |



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1922AnHar..97....1C



## 167600 — $18^h\ 10^m.8$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12351 | 10.8 | −40 31 | 9.2 | 10.6 | G5 | 2 | .. | 21880b |
| 2 | 12187 | 10.8 | −47 31 | 10.6 | 9.8 | A2 | 1 | .. | 19962b |
| 3 | 11472 | 10.8 | −51 35 | 9.9 | 11.0 | K2 | 2 | .. | 39457b |
| 4 | 8969 | 10.8 | −57 56 | 8.8 | 9.8 | G5 | 1 | .. | 42469b |
| 5 | 968 | 10.9 | +69 39 | 9.1 | *10.2* | K2 | 1 | .. | 38095i |
| 6 | 3500 | 10.9 | +17 5 | 8.5 | *9.3* | G5 | 1 | | 37959i |
| 7 | 3391 | 10.9 | +11 49 | 8.5 | *8.5* | Ao | 2 | .. | 37959i |
| 8 | 4785 | 10.9 | −16 51 | 10.3 | *10.3* | B8 | 4 | .. | 24169b |
| 9 | 5103 | 10.9 | −17 30 | 10.7 | *11.7* | Ko | 2 | .. | 24169b |
| 10 | 5104 | 10.9 | −17 40 | 10.8 | *10.8* | A | 2 | .. | 24169b |
| 11 | 4882 | 10.9 | −18 35 | 10.6 | *10.5* | B5 | 2 | .. | 24169b |
| 12 | 5069 | 10.9 | −20 34 | 9.9 | 10.4 | A5 | 2 | .. | 24169b |
| 13 | 4933 | 10.9 | −21 55 | 10.1 | 9.9 | Ao | 2 | .. | 40711b |
| 14 | 14164 | 10.9 | −23 20 | 10.4 | 10.5 | K | 1 | .. | 40711b |
| 15 | 12662 | 10.9 | −27 55 | 10.2 | 9.8 | Ao | 2 | .. | 17092b |
| 16 | 15492 | 10.9 | −30 45 | 9.5 | 9.7 | F8 | 2 | .. | 40724b |
| 17 | 15349 | 10.9 | −31 31 | 9.0 | 9.2 | Go | 2 | .. | 40724b |
| 18 | 12423 | 10.9 | −36 47 | 3.16 | 6.2 | Mb | .. | R | **28**,213 |
| 19 | 12659 | 10.9 | −38 30 | 11.7 | 10.6 | Ao | 1 | .. | 38804b |
| 20 | 13088 | 10.9 | −42 37 | 10.6 | *11.2* | Go | 1 | .. | 21880b |
| 21 | 12369 | 10.9 | −45 31 | 9.7 | 9.5 | A5 | 5 | .. | 19962b |
| 22 | 11473 | 10.9 | −51 42 | 10.1 | 10.7 | K2 | 1 | .. | 39457b |
| 23 | 9052 | 10.9 | −53 42 | *9.6* | 10.6 | Ko | 1 | .. | 39457b |
| 24 | 7253 | 10.9 | −59 26 | 8.6 | 10.7 | K2 | 1 | .. | 42469b |
| 25 | 3568 | 11.0 | +19 46 | 7.80 | *8.14* | F2 | 4 | .. | 37806i |
| 26 | *3436* | 11.0 | +13 0 | 8.1 | *9.3* | K5 | 1 | .. | 37959i |
| 27 | 3392 | 11.0 | +11 4 | 8.6 | *9.6* | Ko | 3 | .. | 9437b |
| 28 | 3675 | 11.0 | + 4 59 | 9.01 | *9.57* | Go | 2 | .. | 9437b |
| 29 | 4904 | 11.0 | −13 5 | 9.7 | *9.7* | B9 | 2 | .. | 40332b |
| 30 | 4903 | 11.0 | −13 27 | 10.3 | *10.3* | A | 1 | .. | 24169b |
| 31 | 4964 | 11.0 | −14 41 | 9.4 | *9.5* | A3 | 5 | .. | 24169b |
| 32 | 4904 | 11.0 | −15 59 | 10.1 | *10.1* | B8 | 4 | .. | 24169b |
| 33 | 4786 | 11.0 | −16 33 | 8.7 | .. | Oe5 | 7 | .. | 24169b |
| 34 | 5105 | 11.0 | −17 23 | 11.0 | *11.0* | B8 | 4 | .. | 24169b |
| 35 | 5107 | 11.0 | −17 59 | 9.4 | *9.4* | B8 | 8 | .. | 24169b |
| 36 | 4883 | 11.0 | −18 42 | 10.6 | *10.6* | B8 | 4 | .. | 24169b |
| 37 | 4941 | 11.0 | −19 22 | 10.1 | 9.6 | Ao | 4 | .. | 24169b |
| 38 | 4940 | 11.0 | −19 49 | 10.3 | 9.9 | B5 | 2 | 3,2 | 24213b |
| 39 | 5070 | 11.0 | −20 17 | 10.6 | 10.4 | B8 | 3 | .. | 24169b |
| 40 | 14168 | 11.0 | −23 15 | 10.2 | 9.0 | Ao | 3 | .. | 40711b |
| 41 | 14124 | 11.0 | −24 1 | 10.4 | 9.2 | B9 | 3 | .. | 40711b |
| 42 | 14404 | 11.0 | −28 23 | 11.2 | 9.8 | Ao | 1 | R | 17092b |
| 43 | 14764 | 11.0 | −29 28 | 9.7 | 10.3 | Ko | 1 | .. | 17092b |
| 44 | 14763 | 11.0 | −29 48 | 10.7 | 9.7 | Ao | 2 | .. | 17092b |
| 45 | 15351 | 11.0 | −31 50 | 9.5 | 9.2 | Ao | 4 | .. | 40724b |
| 46 | 13970 | 11.0 | −32 47 | 9.3 | 8.8 | Ao | 5 | .. | 40724b |
| 47 | 12673 | 11.0 | −34 8 | var. | var. | B5 | 10 | R | 40724b |
| 48 | 12661 | 11.0 | −38 26 | 11.7 | 10.3 | B9 | 1 | .. | 38804b |
| 49 | 12425 | 11.0 | −39 8 | 8.3 | 8.8 | A2 | 7 | .. | 21880b |
| 50 | 12488 | 11.0 | −44 59 | 8.96 | 8.9 | Ao | 6 | .. | 19962b |
| 51 | 2166 | 11.1 | +52 41 | 9.3 | *9.4* | A3 | 2 | .. | 38559i |
| 52 | 2921 | 11.1 | +43 16 | 8.1 | *9.1* | Ko | 3 | .. | 37844i |
| 53 | 3712 | 11.1 | +20 13 | 8.0 | *9.0* | Ko | 2 | .. | 37806i |
| 54 | 3547 | 11.1 | + 2 22 | 6.31 | *7.66* | Mb | 6 | 5,8 | 37811i |
| 55 | 4905 | 11.1 | −15 33 | var. | var. | B8 | 4 | R | 24169b |
| 56 | 4906 | 11.1 | −15 41 | 10.1 | *10.2* | A3 | 5 | R | 24169b |
| 57 | 4787 | 11.1 | −16 26 | 9.4 | *9.2* | B3 | 7 | .. | 24169b |
| 58 | 5108 | 11.1 | −17 6 | 10.3 | *10.3* | B8 | 5 | .. | 24169b |
| 59 | 4944 | 11.1 | −19 0 | 8.1 | 7.5 | B2 | 7 | .. | 24169b |
| 60 | 4945 | 11.1 | −19 6 | var. | var. | G5 | 3 | R | 24169b |
| 61 | 4942 | 11.1 | −19 20 | 10.3 | 9.4 | F8 | 4 | .. | 24169b |
| 62 | 4943 | 11.1 | −19 35 | 10.1 | 8.8 | Ao | 5 | .. | 24169b |
| 63 | 4648 | 11.1 | −22 12 | 8.42 | 9.4 | K5 | 3 | .. | 40711b |
| 64 | 13001 | 11.1 | −26 37 | 10.2 | 9.5 | G5 | 3 | .. | 17092b |
| 65 | 14408 | 11.1 | −28 19 | 6.26 | 6.5 | F8 | .. | .. | **28**,213 |
| 66 | 14407 | 11.1 | −28 42 | 6.04 | 6.4 | A3 | 7 | .. | 43885b |
| 67 | 15353 | 11.1 | −31 28 | 10.7 | 9.7 | B9 | 2 | .. | 40724b |
| 68 | 13971 | 11.1 | −32 32 | 9.3 | 9.7 | Ko | 1 | .. | 40724b |
| 69 | 12675 | 11.1 | −34 8 | 8.58 | 8.1 | Ao | 3 | .. | 40724b |
| 70 | 12676 | 11.1 | −34 26 | 8.3 | 9.3 | Ko | 2 | .. | 40724b |
| 71 | 12633 | 11.1 | −41 59 | 10.8 | *11.4* | Go | 1 | .. | 21880b |
| 72 | .. | 11.1 | −46 2 | Neb. | Neb. | Pd | .. | R | **76**,23 |
| 73 | 12192 | 11.1 | −47 34 | 8.4 | 8.9 | G5 | 5 | .. | 19962b |
| 74 | 11064 | 11.1 | −52 0 | 7.2 | 7.7 | Ko | 9 | .. | 39457b |
| 75 | 9055 | 11.1 | −53 11 | 9.2 | 10.6 | K2 | 1 | .. | 39457b |
| 76 | 3676 | 11.2 | + 4 32 | 8.3 | *9.3* | Ko | 3 | .. | 37811i |
| 77 | 4578 | 11.2 | −11 26 | 7.9 | *8.5* | Go | 4 | .. | 40332b |
| 78 | 4965 | 11.2 | −14 31 | 9.4 | *9.8* | F5 | 3 | .. | 24169b |
| 79 | 4788 | 11.2 | −16 44 | 10.1 | *11.2* | K2 | 2 | R | 24169b |
| 80 | | 11.2 | −16 44 | | | B8 | 3 | | |
| 81 | 5110 | 11.2 | −17 47 | 10.8 | *10.8* | B8 | 3 | .. | 24169b |
| 82 | 5109 | 11.2 | −17 59 | 10.6 | *10.7* | A2 | 4 | .. | 24169b |
| 83 | 12668 | 11.2 | −27 32 | 9.2 | 10.0 | K5 | 2 | .. | 17092b |
| 84 | 12670 | 11.2 | −27 49 | 10.9 | 10.3 | A2 | 1 | .. | 17092b |
| 85 | 14412 | 11.2 | −28 18 | 9.3 | 8.9 | Ko | 3 | .. | 17092b |
| 86 | 13052 | 11.2 | −33 26 | 7.02 | 7.5 | B8 | 9 | .. | 40724b |
| 87 | 12429 | 11.2 | −39 5 | 10.8 | 10.6 | Go | 2 | .. | 21880b |
| 88 | 12427 | 11.2 | −39 21 | 10.6 | 10.0 | A2 | 3 | .. | 21880b |
| 89 | 13095 | 11.2 | −42 57 | 9.5 | 8.8 | A5 | 5 | R | 21880b |
| 90 | 9057 | 11.2 | −53 14 | *9.2* | 10.6 | Ma | 1 | .. | 39457b |
| 91 | 8814 | 11.2 | −54 1 | *9.7* | 9.7 | Ao | 3 | .. | 37621b |
| 92 | 576 | 11.3 | +79 6 | 8.3 | *8.6* | Fo | 3 | .. | 37240i |
| 93 | 3395 | 11.3 | +11 56 | 8.1 | *8.6* | F8 | 5 | .. | 9437b |
| 94 | 4430 | 11.3 | − 4 4 | 8.8 | *8.8* | Ao | 6 | .. | 38110b |
| 95 | 4906 | 11.3 | −13 52 | 9.7 | *10.2* | F8 | 3 | .. | 24169b |
| 96 | 4966 | 11.3 | −14 41 | 10.3 | *10.6* | F2 | 3 | .. | 24169b |
| 97 | .. | 11.3 | −15 56 | .. | .. | B5 | 2 | .. | 24169b |
| 98 | 5111 | 11.3 | −17 1 | 10.6 | *10.6* | B8 | 4 | .. | 24169b |
| 99 | 14176 | 11.3 | −23 26 | 10.2 | 9.0 | B8 | 2 | .. | 40711b |
| 100 | 14130 | 11.3 | −24 26 | 10.9 | 9.1 | Ao | 3 | .. | 40711b |



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## 167700 — 18h 11m.3

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. | H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | | | | m. | ° ′ | | | | | | |
| 1 | 13004 | 11.3 | −26 12 | 11.2 | *12.6* | Ma | .. | .. | M | 51 | 13010 | 11.5 | −26 13 | 10.9 | 9.3 | Ao | 2 | .. | 40711b |
| 2 | 12672 | 11.3 | −27 54 | 7.9 | 6.9 | B9 | 9 | .. | 17092b | 52 | 12678 | 11.5 | −27 54 | 9.2 | 9.5 | K2 | 2 | .. | 17092b |
| 3 | 14413 | 11.3 | −28 9 | 9.0 | 8.0 | Ao | 6 | .. | 17092b | 53 | 14773 | 11.5 | −29 50 | 9.64 | 10.0 | A3 | 2 | .. | 17092b |
| 4 | 14770 | 11.3 | −29 7 | 10.2 | 8.9 | B8 | 4 | .. | 17092b | 54 | 12433 | 11.5 | −36 24 | 8.9 | 8.4 | B8 | 5 | .. | 38804b |
| 5 | 15501 | 11.3 | −30 14 | 9.3 | 9.2 | B9 | 3 | .. | 40724b | 55 | 12669 | 11.5 | −38 58 | 10.3 | 10.6 | G5 | 2 | .. | 21880b |
| 6 | 15500 | 11.3 | −30 37 | 9.2 | 9.7 | G5 | 2 | .. | 40724b | 56 | 13101 | 11.5 | −42 20 | 6.48 | 6.2 | Bo | 5 | .. | 43860b |
| 7 | 15360 | 11.3 | −31 18 | 10.9 | 9.7 | B8 | 2 | .. | 40724b | 57 | 12378 | 11.5 | −45 31 | 8.9 | 9.3 | G5 | 5 | .. | 19962b |
| 8 | 13974 | 11.3 | −32 16 | 8.3 | 9.4 | Ko | 3 | .. | 40724b | 58 | 12282 | 11.5 | −46 3 | 9.1 | 9.5 | G5 | 4 | .. | 19962b |
| 9 | 12679 | 11.3 | −34 46 | 10.3 | 9.2 | Ao | 3 | .. | 40724b | 59 | 12283 | 11.5 | −46 32 | 9.9 | 9.5 | B9 | 4 | .. | 19962b |
| 10 | 12431 | 11.3 | −36 56 | 10.8 | 9.5 | A5 | 2 | .. | 38804b | 60 | 11065 | 11.5 | −52 30 | *9.3* | 10.1 | G5 | 3 | .. | 39457b |
| 11 | 12412 | 11.3 | −37 10 | 8.9 | 9.2 | G5 | 4 | .. | 38804b | 61 | 4380 | 11.5 | −63 17 | *7.9* | 8.9 | Ko | 1 | .. | 42484b |
| 12 | 12494 | 11.3 | −44 46 | 9.5 | 9.5 | F5 | 4 | .. | 19962b | 62 | 2170 | 11.6 | +52 30 | 8.5 | *8.6* | A2 | 1 | .. | 38559i |
| 13 | 8727 | 11.3 | −56 2 | 9.2 | 10.3 | K2 | 1 | .. | 42469b | 63 | 2600 | 11.6 | +47 12 | 8.1 | *8.7* | Go | 2 | .. | 37997i |
| 14 | 849 | 11.3 | −80 17 | 5.92 | 7.6 | Ko | .. | 0,8 | 56,141 | 64 | 3321 | 11.6 | +22 39 | 8.0 | *8.0* | Ao | 4 | .. | 37806i |
| 15 | 3319 | 11.4 | +22 1 | 8.0 | *8.8* | G5 | 3 | .. | 37806i | 65 | 3679 | 11.6 | + 4 20 | 9.7 | *9.7* | Ao | 2 | .. | 13401b |
| 16 | 3634 | 11.4 | + 9 25 | 8.9 | *8.9* | Ao | 3 | .. | 9437b | 66 | 3656 | 11.6 | + 3 40 | var. | var. | Md | .. | R | M |
| 17 | *3462* | 11.4 | − 0 59 | 9.4 | *10.6* | K5 | 1 | .. | 38110b | 67 | 3548 | 11.6 | + 2 29 | 9.2 | *9.7* | F8 | 2 | .. | 13401b |
| 18 | 4642 | 11.4 | −10 29 | 8.1 | *8.7* | Go | 5 | .. | 40602b | 68 | 4263 | 11.6 | − 3 2 | 6.11 | *6.89* | G5 | 4 | 0,10 | 41736b |
| 19 | 4907 | 11.4 | −15 26 | 9.9 | *10.0* | A3 | 5 | R | 24169b | 69 | 4910 | 11.6 | −15 39 | 9.4 | *9.7* | Fo | 4 | .. | 24169b |
| 20 | 5112 | 11.4 | −17 24 | 5.98 | *7.16* | K5 | .. | *5,9* | 56,142 | 70 | 5115 | 11.6 | −17 59 | 10.3 | *10.3* | B8 | 6 | .. | 24169b |
| 21 | .. | 11.4 | −17 53 | .. | .. | A | 2 | .. | 24169b | 71 | 4886 | 11.6 | −18 30 | 6.37 | .. | Oe5 | .. | .. | 56,142 |
| 22 | 4948 | 11.4 | −19 46 | 10.1 | 9.0 | B5 | 4 | *2,4* | 24213b | 72 | 4952 | 11.6 | −19 31 | 7.89 | 8.1 | F5 | 8 | .. | 24169b |
| 23 | 14180 | 11.4 | −23 56 | 10.4 | 10.1 | Ao | 2 | .. | 40711b | 73 | 5075 | 11.6 | −20 41 | 9.7 | 9.6 | A | 5 | .. | 24169b |
| 24 | 12973 | 11.4 | −25 23 | 8.5 | 9.4 | K5 | 3 | .. | 40711b | 74 | 12682 | 11.6 | −27 23 | 7.30 | 8.7 | Ma | 3 | .. | 40711b |
| 25 | 12676 | 11.4 | −27 48 | 10.9 | 9.8 | Ao | 2 | .. | 17092b | 75 | 14775 | 11.6 | −29 18 | 8.5 | 8.5 | B8 | 7 | .. | 17092b |
| 26 | 12674 | 11.4 | −27 56 | 9.0 | 8.4 | B9 | 4 | .. | 17092b | 76 | 12435 | 11.6 | −39 34 | 10.6 | 10.0 | B9 | 4 | .. | 21880b |
| 27 | 14414 | 11.4 | −28 1 | 10.4 | 9.1 | Ao | 3 | .. | 17092b | 77 | 12429 | 11.6 | −43 24 | var. | var. | Ao | 3 | R | 21880b |
| 28 | 12468 | 11.4 | −35 31 | 10.6 | 9.8 | Ao | 2 | .. | 38804b | 78 | 12286 | 11.6 | −46 41 | 10.3 | 10.1 | A5 | 2 | .. | 19962b |
| 29 | 12667 | 11.4 | −38 17 | 8.3 | 8.8 | K2 | 5 | .. | 38804b | 79 | 1087 | 11.7 | +66 7 | 7.34 | *8.34* | Ko | 3 | .. | 38505i |
| 30 | 12431 | 11.4 | −39 14 | 10.1 | 10.4 | F8 | 2 | .. | 21880b | 80 | 2857 | 11.7 | +44 36 | 8.1 | *8.9* | G5 | 2 | .. | 37844i |
| 31 | 12362 | 11.4 | −40 45 | 11.3 | 10.6 | Go | 1 | .. | 21880b | 81 | 2988 | 11.7 | +27 9 | 8.0 | *8.4* | F5 | 4 | .. | 37806i |
| 32 | 12408 | 11.4 | −48 2 | 9.3 | 9.5 | G5 | 3 | .. | 19962b | 82 | 3475 | 11.7 | +25 46 | 8.2 | *9.2* | Ko | 2 | .. | 37806i |
| 33 | 12409 | 11.4 | −48 9 | 11.0 | 10.4 | A2 | 1 | .. | 19962b | 83 | 3287 | 11.7 | +23 57 | 8.8 | *9.8* | Ko | 2 | .. | 37806i |
| 34 | 11845 | 11.4 | −50 50 | 9.7 | 10.1 | Ko | 3 | .. | 39457b | 84 | 3436 | 11.7 | +16 34 | 8.5 | *8.5* | Ao | 1 | .. | 37959i |
| 35 | 7255 | 11.4 | −59 21 | 8.4 | 8.9 | A2 | 4 | .. | 42469b | 85 | 3452 | 11.7 | +10 48 | 7.9 | *7.8* | B5 | 5 | 4,5 | 9437b |
| 36 | 5832 | 11.4 | −62 59 | *7.6* | 8.1 | F8 | 3 | .. | 42484b | 86 | 3455 | 11.7 | +10 25 | 8.7 | *8.7* | B9 | 7 | .. | 9437b |
| 37 | 680 | 11.5 | +77 56 | 8.3 | *9.3* | Ko | 1 | .. | 38044i | 87 | 3636 | 11.7 | + 9 12 | 8.9 | *8.9* | Ao | 2 | .. | 9437b |
| 38 | 1851 | 11.5 | +57 48 | 9.3 | *10.1* | G5 | 1 | .. | 38015i | 88 | 4580 | 11.7 | − 7 15 | 8.2 | *8.3* | A2 | 6 | .. | 40602b |
| 39 | 3056 | 11.5 | +37 23 | 8.33 | *9.33* | Ko | 2 | .. | 37828i | 89 | 4963 | 11.7 | −12 15 | 8.8 | *8.8* | B9 | 4 | .. | 40332b |
| 40 | 3066 | 11.5 | +36 38 | var. | var. | Md | .. | R | M | 90 | 4794 | 11.7 | −16 2 | 10.6 | *10.6* | B9 | 2 | .. | 24169b |
| 41 | 3676 | 11.5 | + 6 19 | 8.7 | *8.7* | Ao | 3 | .. | 9437b | 91 | 4792 | 11.7 | −16 16 | 9.7 | *9.5* | B | 5 | R | 24169b |
| 42 | 4967 | 11.5 | −14 19 | 10.1 | *10.1* | Ao | 4 | .. | 24169b | 92 | 4795 | 11.7 | −16 40 | 10.1 | *10.1* | B8 | 4 | .. | 24169b |
| 43 | 4909 | 11.5 | −15 29 | 10.6 | *10.6* | B8 | 3 | 4,3 | 46332b | 93 | .. | 11.7 | −17 5 | .. | .. | B9 | 2 | .. | 24169b |
| 44 | 4908 | 11.5 | −15 45 | 9.4 | *9.4* | B8 | 4 | .. | 24169b | 94 | 5077 | 11.7 | −20 37 | 9.4 | 9.0 | A | 4 | .. | 24169b |
| 45 | 4791 | 11.5 | −16 5 | 9.9 | *9.9* | B8 | 3 | .. | 24169b | 95 | 14187 | 11.7 | −23 19 | 8.0 | 7.8 | B8 | 6 | .. | 40711b |
| 46 | 4790 | 11.5 | −16 57 | 9.1 | *9.9* | G5 | 4 | .. | 24169b | 96 | 13012 | 11.7 | −26 41 | 9.5 | 10.4 | K2 | 1 | .. | 17092b |
| 47 | .. | 11.5 | −17 58 | .. | .. | B5 | 4 | .. | 24169b | 97 | 14781 | 11.7 | −29 45 | 9.0 | 8.5 | B9 | 6 | .. | 17092b |
| 48 | 4949 | 11.5 | −19 18 | 10.1 | 9.0 | B9 | 5 | .. | 24169b | 98 | 13980 | 11.7 | −32 30 | 9.2 | 9.1 | Ao | 5 | .. | 40724b |
| 49 | R | 11.5 | −19 22 | *10.1* | 10.2 | A2 | 4 | .. | 24169b | 99 | 13057 | 11.7 | −33 49 | 9.0 | 8.2 | B9 | 4 | .. | 40724b |
| 50 | 14184 | 11.5 | −23 38 | 9.0 | 8.5 | Ao | 5 | .. | 40711b | 100 | 12472 | 11.7 | −35 0 | 9.5 | 8.4 | Ao | 6 | .. | 40724b |



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1922AnHar..97....1C



## 167800 — 18h 11m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12473 | 11.7 | −35 49 | 9.3 | 9.2 | A5 | 3 | .. | 38804b |
| 2 | 12430 | 11.7 | −43 45 | 11.6 | 10.7 | A5 | 2 | .. | 21880b |
| 3 | 12431 | 11.7 | −43 54 | 11.0 | 10.4 | Go | 3 | .. | 21880b |
| 4 | 12380 | 11.7 | −45 56 | 9.9 | 10.1 | Ko | 1 | .. | 19962b |
| 5 | 12411 | 11.7 | −48 5 | 10.6 | 10.1 | Go | 1 | .. | 19962b |
| 6 | 7256 | 11.7 | −59 53 | 7.21 | 6.2 | B8 | 9 | .. | 42484b |
| 7 | 3581 | 11.8 | +13 9 | 8.5 | *9.6* | K2 | 2 | .. | 37959i |
| 8 | 3634 | 11.8 | + 8 20 | 7.75 | *7.81* | A2 | 5 | .. | 37811i |
| 9 | 4582 | 11.8 | −11 51 | 10.1 | *10.1* | Ao | 1 | .. | 40332b |
| 10 | 4965 | 11.8 | −12 45 | 7.7 | *8.9* | K5 | 5 | .. | 24169b |
| 11 | 4970 | 11.8 | −14 5 | 9.9 | *10.9* | K | 1 | .. | 24169b |
| 12 | 4969 | 11.8 | −14 52 | 8.01 | *7.96* | B8 | 9 | .. | 24169b |
| 13 | .. | 11.8 | −15 44 | .. | .. | Go | 2 | .. | 24169b |
| 14 | .. | 11.8 | −18 10 | .. | .. | Ao | 2 | .. | 24169b |
| 15 | 4953 | 11.8 | −19 42 | 7.59 | 7.9 | B2 | .. | 0,8 | **56**,142 |
| 16 | 12983 | 11.8 | −25 7 | 8.80 | 8.6 | Ao | 4 | .. | 40711b |
| 17 | 13013 | 11.8 | −26 12 | 10.9 | 9.4 | G5 | 3 | .. | 17092b |
| 18 | 12684 | 11.8 | −27 5 | 4.69 | 6.7 | K5 | .. | *5,9* | **28**,213 |
| 19 | 12685 | 11.8 | −27 27 | 11.6 | 10.3 | Ao | 1 | .. | 17092b |
| 20 | 12418 | 11.8 | −37 16 | 7.49 | 8.3 | Ko | 7 | .. | 38804b |
| 21 | 12640 | 11.8 | −41 40 | 10.3 | *11.1* | G5 | 1 | .. | 21880b |
| 22 | 12384 | 11.8 | −45 24 | 9.7 | 9.2 | A2 | 6 | .. | 19962b |
| 23 | 12413 | 11.8 | −48 39 | 9.5 | 10.1 | Ko | 1 | .. | 19962b |
| 24 | 12057 | 11.8 | −49 12 | 9.9 | 9.8 | Fo | 2 | .. | 19962b |
| 25 | 12058 | 11.8 | −49 23 | 7.4 | 7.7 | F2 | 9 | .. | 19962b |
| 26 | 8820 | 11.8 | −54 44 | 7.5 | 9.5 | K2 | 4 | .. | 39457b |
| 27 | 8613 | 11.8 | −55 46 | 9.1 | 10.1 | F8 | 2 | .. | 39457b |
| 28 | *3715* | 11.9 | +21 1 | 7.6 | *7.6* | B9 | 8 | .. | 37806i |
| 29 | 3610 | 11.9 | +18 53 | 7.9 | *8.0* | A5 | 2 | .. | 37806i |
| 30 | 3458 | 11.9 | +10 35 | 9.4 | *9.4* | Ao | 2 | .. | 9437b |
| 31 | 3463 | 11.9 | − 1 52 | 8.97 | *9.25* | Fo | 6 | .. | 38110b |
| 32 | 4582 | 11.9 | − 7 19 | 8.1 | *8.1* | Ao | 7 | .. | 40602b |
| 33 | 4678 | 11.9 | − 9 48 | 6.30 | *6.44* | A5 | 10 | .. | 40602b |
| 34 | 4969 | 11.9 | −12 8 | 9.2 | *9.0* | B | 2 | .. | 40332b |
| 35 | 4909 | 11.9 | −13 30 | 9.7 | *9.7* | Ao | 4 | .. | 24169b |
| 36 | 4972 | 11.9 | −14 18 | 10.3 | *10.3* | B9 | 3 | .. | 24169b |
| 37 | 4971 | 11.9 | −14 29 | 9.1 | *9.1* | Ao | 8 | .. | 24169b |
| 38 | 4911 | 11.9 | −15 28 | 6.64 | *6.40* | Bo | 3 | 3,10 | 44013b |
| 39 | 4797 | 11.9 | −16 54 | 10.1 | *10.1* | B8 | 5 | .. | 24169b |
| 40 | 5078 | 11.9 | −20 42 | 9.7 | 9.4 | A2 | 5 | .. | 24169b |
| 41 | 4653 | 11.9 | −22 19 | 8.5 | 9.4 | K2 | 4 | .. | 40711b |
| 42 | 4655 | 11.9 | −22 22 | 7.97 | 8.4 | G5 | 5 | .. | 40711b |
| 43 | 12687 | 11.9 | −27 29 | 9.7 | 8.8 | B9 | 5 | .. | 17092b |
| 44 | 14429 | 11.9 | −28 55 | 10.9 | 9.1 | Ao | 3 | .. | 17092b |
| 45 | 15514 | 11.9 | −30 46 | 9.0 | 10.0 | K5 | 1 | .. | 40724b |
| 46 | 12687 | 11.9 | −34 44 | 6.86 | 6.9 | B8 | 10 | .. | 40724b |
| 47 | 12476 | 11.9 | −35 6 | 8.6 | 8.4 | Go | 4 | .. | 40724b |
| 48 | 12421 | 11.9 | −37 10 | 10.6 | 9.6 | G5 | 2 | .. | 38804b |
| 49 | 12368 | 11.9 | −40 29 | 7.5 | 8.6 | G5 | 6 | .. | 21880b |
| 50 | 12414 | 11.9 | −48 27 | 10.6 | 10.4 | Ao | 1 | .. | 19962b |
| 51 | 11849 | 11.9 | −50 36 | 9.0 | 10.1 | G5 | 3 | .. | 39457b |
| 52 | 8735 | 11.9 | −56 16 | 6.9 | 8.2 | Ko | .. | 0,8 | **56**,142 |
| 53 | 8736 | 11.9 | −56 48 | 8.6 | 9.7 | Ko | 2 | .. | 42469b |
| 54 | 5836 | 11.9 | −62 14 | *7.8* | 8.3 | F8 | 5 | .. | 42484b |
| 55 | 970 | 12.0 | +69 14 | 8.3 | *8.9* | Go | 2 | .. | 38095i |
| 56 | 3162 | 12.0 | +30 22 | 6.98 | *7.98* | Ko | 5 | .. | 37828i |
| 57 | 3640 | 12.0 | + 9 8 | 8.6 | *9.8* | K5 | 1 | .. | 9437b |
| 58 | 3907 | 12.0 | + 0 58 | 6.60 | *6.88* | Fo | 7 | .. | 37811i |
| 59 | 4910 | 12.0 | −13 53 | 9.7 | *10.1* | F5 | 3 | 3,2 | 24169b |
| 60 | 4798 | 12.0 | −16 13 | 10.1 | *10.1* | B8 | 5 | .. | 24169b |
| 61 | 5117 | 12.0 | −17 52 | 9.2 | *10.6* | Ma | 2 | .. | 24169b |
| 62 | 4890 | 12.0 | −18 25 | 10.8 | *10.8* | Ao | 2 | .. | 24169b |
| 63 | 4888 | 12.0 | −18 51 | 6.57 | *6.45* | B5 | .. | 3,10 | **56**,142 |
| 64 | 5079 | 12.0 | −20 17 | 10.3 | 9.9 | B9 | 3 | .. | 24169b |
| 65 | 14195 | 12.0 | −23 42 | 9.7 | 9.3 | B9 | 2 | .. | 40711b |
| 66 | 13019 | 12.0 | −26 12 | 11.2 | 9.1 | Ao | 4 | .. | 17092b |
| 67 | 14432 | 12.0 | −28 41 | 9.3 | 8.5 | A2 | 6 | .. | 17092b |
| 68 | 15376 | 12.0 | −31 50 | 10.2 | 9.7 | G5 | 2 | .. | 40724b |
| 69 | 12691 | 12.0 | −34 13 | 9.9 | 9.2 | Go | 2 | .. | 40724b |
| 70 | 12690 | 12.0 | −34 29 | 9.9 | 8.9 | Go | 4 | .. | 40724b |
| 71 | 12674 | 12.0 | −38 12 | 9.9 | 10.4 | G5 | 1 | .. | 38804b |
| 72 | 12435 | 12.0 | −43 51 | 10.3 | 10.7 | K2 | 2 | .. | 21880b |
| 73 | 12204 | 12.0 | −47 12 | 9.5 | 10.4 | K5 | 1 | .. | 19962b |
| 74 | 12203 | 12.0 | −47 17 | 9.3 | 10.4 | K5 | 1 | .. | 19962b |
| 75 | 12202 | 12.0 | −47 54 | 10.6 | 10.3 | A2 | 1 | .. | 19962b |
| 76 | 11850 | 12.0 | −50 40 | 8.9 | 10.1 | Ko | 3 | .. | 39457b |
| 77 | 8823 | 12.0 | −54 39 | *9.3* | 10.1 | G5 | 2 | .. | 39457b |
| 78 | 3682 | 12.1 | + 4 54 | 8.70 | *9.88* | K5 | 1 | .. | 9437b |
| 79 | 3464 | 12.1 | − 1 46 | 10.0 | *10.8* | G5 | 2 | .. | 38110b |
| 80 | 4618 | 12.1 | − 5 33 | 8.7 | *8.7* | B9 | 6 | .. | 38110b |
| 81 | 4583 | 12.1 | −11 17 | 8.9 | *8.9* | B9 | 5 | .. | 40332b |
| 82 | 4973 | 12.1 | −14 57 | 9.66 | *10.73* | K2 | 2 | .. | 24169b |
| 83 | .. | 12.1 | −17 20 | .. | .. | A2 | 2 | .. | 24169b |
| 84 | 4891 | 12.1 | −18 44 | 8.3 | *8.8* | F8 | 6 | .. | 24169b |
| 85 | 4893 | 12.1 | −18 48 | 9.4 | *10.4* | Ko | 3 | .. | 24169b |
| 86 | 14147 | 12.1 | −24 24 | 10.2 | 9.1 | B9 | 4 | .. | 40711b |
| 87 | 12989 | 12.1 | −25 18 | 11.2 | 9.4 | Ao | 2 | .. | 40711b |
| 88 | 15377 | 12.1 | −31 4 | 10.9 | 9.8 | Ao | 3 | .. | 40724b |
| 89 | 11483 | 12.1 | −51 16 | 10.6 | 10.7 | G5 | 2 | .. | 39457b |
| 90 | 11482 | 12.1 | −51 58 | 11.6 | 10.7 | A2 | 1 | .. | 39457b |
| 91 | 1239 | 12.1 | −76 56 | *8.8* | 9.1 | Fo | 4 | .. | 19008b |
| 92 | 358 | 12.1 | −86 35 | *9.4* | 10.4 | Ko | 3 | 5,2 | 22578b |
| 93 | 1250 | 12.2 | +65 58 | 8.9 | *8.9* | A | 1 | E | 38505i |
| 94 | 1415 | 12.2 | +63 35 | 8.8 | *9.3* | F8 | 1 | .. | 38505i |
| 95 | 3680 | 12.2 | + 6 46 | 9.1 | *9.1* | Ao | 1 | .. | 9437b |
| 96 | 3672 | 12.2 | + 5 53 | 8.6 | *9.7* | K2 | 2 | .. | 9437b |
| 97 | 3465 | 12.2 | − 1 15 | 8.9 | *10.0* | K2 | 3 | .. | 38110b |
| 98 | 4680 | 12.2 | − 9 24 | 8.6 | *8.6* | Ao | 3 | .. | 40602b |
| 99 | 4975 | 12.2 | −14 7 | 9.4 | *9.8* | F5 | 3 | .. | 24169b |
| 100 | 4976 | 12.2 | −14 29 | 9.4 | *9.4* | B9 | 6 | .. | 24169b |



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1922AnHar..97....1C



## 167900 — 18h 12m.2

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 5118 | 12.2 | −17 39 | 9.9 | *10.9* | Ko | 2 | .. | 24169b |
| 2 | 4894 | 12.2 | −18 0 | 9.7 | *9.6* | B5 | 6 | .. | 24169b |
| 3 | 4656 | 12.2 | −22 2 | 9.7 | 9.4 | Ao | 3 | 2,3 | 40335b |
| 4 | 14196 | 12.2 | −23 20 | 10.9 | 9.3 | Ao | 2 | .. | 40711b |
| 5 | 14197 | 12.2 | −23 31 | 9.7 | 9.6 | F2 | 2 | .. | 40711b |
| 6 | 14152 | 12.2 | −24 21 | 10.0 | 10.8 | Mb | .. | .. | M |
| 7 | 12694 | 12.2 | −27 11 | 10.9 | 10.0 | K2 | 2 | .. | 17092b |
| 8 | 12695 | 12.2 | −27 14 | 10.9 | 10.0 | B9 | 2 | .. | 17092b |
| 9 | 15515 | 12.2 | −30 6 | 9.41 | 9.7 | F5 | 2 | .. | 40724b |
| 10 | 15517 | 12.2 | −30 45 | 10.2 | 9.4 | B9 | 2 | .. | 40724b |
| 11 | 12695 | 12.2 | −34 28 | 10.6 | 9.2 | Ao | 3 | .. | 40724b |
| 12 | 13117 | 12.2 | −42 27 | 11.6 | 10.6 | Ao | 3 | .. | 21880b |
| 13 | 13116 | 12.2 | −42 34 | 9.7 | 10.0 | Go | 3 | .. | 21880b |
| 14 | 12501 | 12.2 | −44 31 | 11.0 | 10.4 | F2 | 1 | .. | 21880b |
| 15 | 12502 | 12.2 | −44 47 | 10.1 | 10.6 | Go | 2 | .. | 21880b |
| 16 | 12062 | 12.2 | −49 28 | 7.8 | 8.0 | Ao | 9 | .. | 19962b |
| 17 | 9061 | 12.2 | −53 6 | 8.7 | 9.4 | Ko | 4 | .. | 39457b |
| 18 | 8740 | 12.2 | −56 59 | 7.8 | 8.2 | B9 | 7 | .. | 42469b |
| 19 | 2547 | 12.3 | +50 13 | 8.1 | *9.1* | Ko | 2 | .. | 38559i |
| 20 | 3162 | 12.3 | +34 57 | 8.42 | *9.42* | Ko | 1 | .. | 37828i |
| 21 | 3325 | 12.3 | +22 47 | 9.0 | *9.1* | A5 | 3 | .. | 37806i |
| 22 | 3719 | 12.3 | +20 35 | 8.6 | *9.4* | G5 | 2 | .. | 37806i |
| 23 | 3550 | 12.3 | + 2 55 | 8.6 | *8.6* | Ao | 5 | .. | 13401b |
| 24 | 4681 | 12.3 | − 9 45 | 9.4 | *10.0* | Go | 1 | .. | 40602b |
| 25 | 4972 | 12.3 | −12 45 | 9.7 | *9.7* | B8 | 3 | .. | 40332b |
| 26 | 4974 | 12.3 | −12 54 | 7.33 | *7.33* | Ao | 3 | 2,10 | 44013b |
| 27 | 4913 | 12.3 | −13 16 | 10.3 | *10.3* | A | 2 | .. | 24169b |
| 28 | 4912 | 12.3 | −15 52 | 10.6 | *10.6* | A | 2 | .. | 24169b |
| 29 | .. | 12.3 | −17 36 | .. | .. | A | 2 | .. | 24169b |
| 30 | 5081 | 12.3 | −20 34 | 10.1 | 10.5 | Ko | 2 | .. | 24169b |
| 31 | 14201 | 12.3 | −23 5 | 10.0 | 9.0 | A | 3 | .. | 40711b |
| 32 | 15520 | 12.3 | −30 21 | 10.2 | 10.2 | Ao | 2 | .. | 40724b |
| 33 | 15381 | 12.3 | −31 16 | 9.5 | 8.8 | Ao | 5 | .. | 40724b |
| 34 | 12391 | 12.3 | −45 12 | 11.0 | 10.3 | A2 | 1 | .. | 19962b |
| 35 | 12292 | 12.3 | −46 31 | 8.5 | 9.3 | G5 | 4 | .. | 19962b |
| 36 | 9063 | 12.3 | −53 47 | 8.6 | 9.1 | Go | 7 | .. | 39457b |
| 37 | 8828 | 12.3 | −54 5 | 8.7 | 9.4 | G5 | 4 | .. | 39457b |
| 38 | 8827 | 12.3 | −54 13 | *9.3* | 10.3 | Ko | 1 | .. | 39457b |
| 39 | 6137 | 12.3 | −61 43 | 9.1 | 9.8 | F8 | 2 | .. | 42469b |
| 40 | 2174 | 12.4 | +52 31 | 7.9 | *8.0* | A2 | 3 | .. | 38559i |
| 41 | 2758 | 12.4 | +49 7 | 6.90 | *7.97* | K2 | 5 | .. | 38559i |
| 42 | 2971 | 12.4 | +28 9 | 8.1 | *9.3* | K5 | 2 | .. | 37806i |
| 43 | 3289 | 12.4 | +23 22 | 7.48 | *8.48* | Ko | 4 | .. | 37806i |
| 44 | 3446 | 12.4 | +12 2 | 7.13 | *7.55* | F5 | 5 | .. | 37959i |
| 45 | 3405 | 12.4 | +11 28 | 8.6 | *9.6* | Ko | 2 | .. | 9437b |
| 46 | 3673 | 12.4 | + 5 43 | 7.9 | *7.9* | Ao | 7 | .. | 37811i |
| 47 | 3657 | 12.4 | + 3 45 | 9.4 | *9.5* | A2 | 1 | .. | 13401b |
| 48 | 4916 | 12.4 | −13 12 | 8.5 | *8.9* | F5 | 4 | .. | 24169b |
| 49 | 4659 | 12.4 | −22 0 | 10.3 | 10.1 | B9 | 2 | .. | 40711b |
| 50 | 4658 | 12.4 | −22 57 | 11.0 | 11.3 | A | 2 | .. | 40711b |
| 51 | 12454 | 12.4 | −39 39 | 10.1 | 10.4 | Ao | 1 | .. | 21880b |
| 52 | 12452 | 12.4 | −39 44 | 8.3 | 8.8 | G5 | 7 | .. | 21880b |
| 53 | 13120 | 12.4 | −42 34 | 10.3 | 10.0 | A5 | 3 | .. | 21880b |
| 54 | 12390 | 12.4 | −45 44 | 6.95 | 7.5 | F8 | .. | 0,10 | 28,213 |
| 55 | 12210 | 12.4 | −47 21 | 9.7 | 10.1 | Ko | 1 | .. | 19962b |
| 56 | 12421 | 12.4 | −48 49 | 6.79 | 7.2 | A2 | 5 | .. | 36342b |
| 57 | 8830 | 12.4 | −54 27 | 8.9 | 9.7 | Ko | 5 | .. | 39457b |
| 58 | 8742 | 12.4 | −56 40 | 8.5 | 10.0 | Ko | 1 | .. | 42469b |
| 59 | 4384 | 12.4 | −63 40 | *8.1* | 8.1 | Ao | 5 | .. | 42484b |
| 60 | 3321 | 12.4 | −66 9 | *8.8* | 9.3 | F8 | 2 | .. | 41598b |
| 61 | 1903 | 12.4 | −73 36 | *7.9* | 8.0 | A3 | 8 | .. | 21336b |
| 62 | 811 | 12.4 | −81 25 | *8.8* | 10.0 | K5 | 1 | .. | 14161b |
| 63 | 681 | 12.5 | +77 34 | 7.46 | *8.46* | Ko | 2 | .. | 38044i |
| 64 | 1606 | 12.5 | +62 12 | 8.8 | *9.2* | F5 | 2 | .. | 38505i |
| 65 | 3035 | 12.5 | +42 8 | 5.42 | *5.30* | B5 | .. | 0,10 | 56,95 |
| 66 | 3407 | 12.5 | +11 56 | 8.7 | *9.1* | F5 | 3 | .. | 9437b |
| 67 | 3674 | 12.5 | + 5 8 | 8.71 | *9.13* | F5 | 4 | .. | 9437b |
| 68 | 3468 | 12.5 | − 1 29 | 7.5 | *7.6* | A2 | 9 | .. | 13401b |
| 69 | 4587 | 12.5 | − 2 1 | 9.1 | *9.5* | F5 | 4 | .. | 38110b |
| 70 | 4683 | 12.5 | − 9 41 | 9.2 | *9.7* | F8 | 2 | .. | 40602b |
| 71 | 4980 | 12.5 | −12 17 | 7.34 | *7.10* | Bo | 7 | .. | 40332b |
| 72 | 4978 | 12.5 | −14 45 | 10.3 | *11.4* | K2 | 1 | .. | 24169b |
| 73 | 4801 | 12.5 | −16 58 | 10.6 | *10.6* | Ao | 3 | .. | 24169b |
| 74 | 5120 | 12.5 | −17 27 | 10.6 | *11.7* | K2 | 3 | .. | 24169b |
| 75 | 5119 | 12.5 | −17 36 | 11.0 | *11.0* | Ao | 3 | .. | 24169b |
| 76 | 4895 | 12.5 | −18 31 | 8.3 | *9.5* | K5 | 4 | .. | 24169b |
| 77 | 4660 | 12.5 | −22 3 | 9.9 | 9.9 | G | 2 | .. | 40711b |
| 78 | 14158 | 12.5 | −24 26 | 10.2 | 9.1 | B8 | 3 | .. | 40711b |
| 79 | 12995 | 12.5 | −25 39 | 6.43 | 7.9 | Ko | 7 | .. | 40711b |
| 80 | 12994 | 12.5 | −25 59 | 8.5 | 9.4 | K2 | 3 | .. | 40711b |
| 81 | 12482 | 12.5 | −35 12 | 8.9 | 9.2 | K2 | 2 | .. | 40724b |
| 82 | 12432 | 12.5 | −37 50 | 10.3 | 9.6 | B9 | 3 | .. | 38804b |
| 83 | 12656 | 12.5 | −41 52 | 9.9 | 10.6 | G5 | 2 | .. | 21880b |
| 84 | 12394 | 12.5 | −45 17 | 8.9 | 8.7 | F2 | 6 | .. | 19962b |
| 85 | 12295 | 12.5 | −46 17 | 7.9 | 8.3 | B9 | 9 | .. | 19962b |
| 86 | 12294 | 12.5 | −46 29 | 8.4 | 8.9 | F2 | 5 | .. | 19962b |
| 87 | 12064 | 12.5 | −49 25 | 9.0 | 8.9 | Ao | 6 | .. | 19962b |
| 88 | 11067 | 12.5 | −52 34 | 9.2 | 9.8 | Ao | 5 | .. | 39457b |
| 89 | 11068 | 12.5 | −52 48 | *10.1* | 10.7 | Go | 2 | .. | 39457b |
| 90 | 6138 | 12.5 | −61 12 | 8.7 | 8.6 | A2 | 5 | .. | 42484b |
| 91 | 4385 | 12.5 | −63 26 | *7.5* | 8.3 | G5 | 5 | .. | 42484b |
| 92 | 3519 | 12.5 | −67 11 | 8.51 | 9.5 | K5 | 1 | .. | 41598b |
| 93 | 1296 | 12.5 | −77 56 | *9.0* | 10.2 | K5 | 1 | .. | 19008b |
| 94 | 682 | 12.6 | +77 32 | 8.7 | *8.8* | A2 | 2 | .. | 38044i |
| 95 | 3085 | 12.6 | +32 15 | 8.8 | *9.8* | K | 1 | .. | 37828i |
| 96 | 3411 | 12.6 | +11 50 | 9.7 | *9.7* | B9 | 2 | .. | 9437b |
| 97 | 4684 | 12.6 | − 9 22 | 9.1 | *9.5* | F5 | 1 | .. | 40602b |
| 98 | 4685 | 12.6 | − 9 45 | 8.9 | *9.5* | Go | 2 | .. | 40602b |
| 99 | 4802 | 12.6 | −16 41 | 9.7 | *9.6* | B5 | 7 | .. | 24169b |
| 100 | 5121 | 12.6 | −17 34 | 7.9 | *8.9* | Ko | 7 | .. | 24169b |



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## 168000 — $18^h\,12^m.6$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4956 | 12.6 | −19 9 | 9.7 | 10.5 | K5 | 3 | .. | 24169b |
| 2 | 4661 | 12.6 | −22 35 | 9.4 | 8.8 | Ao | 5 | .. | 40711b |
| 3 | 14797 | 12.6 | −29 45 | 9.3 | 9.6 | A2 | 3 | .. | 17092b |
| 4 | 15525 | 12.6 | −30 31 | 10.0 | 10.1 | Ao | 2 | .. | 40724b |
| 5 | 12456 | 12.6 | −36 50 | 10.8 | 9.5 | Go | 1 | .. | 38804b |
| 6 | 13124 | 12.6 | −42 56 | 11.0 | 10.0 | F8 | 3 | .. | 21880b |
| 7 | 12068 | 12.6 | −49 10 | 7.5 | 7.7 | A2 | 8 | .. | 19962b |
| 8 | 8618 | 12.6 | −55 8 | *9.4* | 10.8 | Ma | 1 | .. | 39457b |
| 9 | 2684 | 12.7 | +45 10 | 6.30 | *6.86* | Go | 7 | 0,8 | 37997i |
| 10 | 3167 | 12.7 | +30 29 | 9.1 | *9.9* | G5 | 1 | .. | 38456i |
| 11 | 3168 | 12.7 | +30 10 | 8.86 | *8.86* | Ao | 1 | .. | 38456i |
| 12 | 3675 | 12.7 | + 5 33 | 9.1 | *9.5* | F5 | 3 | 3,2 | 9437b |
| 13 | 3659 | 12.7 | + 3 55 | 9.2 | *9.2* | Ao | 2 | .. | 13401b |
| 14 | 4583 | 12.7 | − 8 40 | 7.79 | *8.79* | Ko | 6 | .. | 40602b |
| 15 | 4919 | 12.7 | −13 25 | 8.9 | *8.9* | B8 | 3 | .. | 40332b |
| 16 | 4981 | 12.7 | −14 24 | 9.9 | *9.9* | Ao | 1 | .. | 38079b |
| 17 | 4983 | 12.7 | −14 52 | 10.6 | *10.6* | Ao | 5 | .. | 24169b |
| 18 | 4916 | 12.7 | −15 29 | 9.9 | *10.5* | Go | 5 | .. | 24169b |
| 19 | 5122 | 12.7 | −17 9 | 9.9 | *11.1* | K5 | 3 | .. | 24169b |
| 20 | .. | 12.7 | −18 21 | .. | .. | A | 2 | .. | 24169b |
| 21 | 4896 | 12.7 | −18 39 | 6.38 | *6.14* | Bo | .. | 5,5 | **56**,142 |
| 22 | 5083 | 12.7 | −20 5 | 9.7 | 9.9 | B8 | 3 | .. | 24169b |
| 23 | 14208 | 12.7 | −23 1 | 10.9 | 9.6 | Ao | 2 | 2,2 | 40335b |
| 24 | 12705 | 12.7 | −34 47 | 7.5 | 8.4 | G5 | 5 | .. | 40724b |
| 25 | 12688 | 12.7 | −38 26 | 8.6 | 8.6 | Fo | 5 | .. | 38804b |
| 26 | 12458 | 12.7 | −39 58 | 9.3 | 10.6 | G5 | 3 | .. | 21880b |
| 27 | 13126 | 12.7 | −42 51 | 11.0 | 10.4 | Ao | 2 | .. | 21880b |
| 28 | 12447 | 12.7 | −43 16 | 9.7 | 9.8 | Fo | 3 | .. | 21880b |
| 29 | 12448 | 12.7 | −43 57 | 9.5 | 9.8 | Go | 2 | .. | 40856b |
| 30 | 12508 | 12.7 | −44 42 | 9.5 | 10.6 | K5 | 1 | .. | 21880b |
| 31 | 12401 | 12.7 | −45 25 | 9.3 | 10.4 | Ma | 1 | .. | 19962b |
| 32 | 12427 | 12.7 | −48 34 | 8.5 | 9.3 | K2 | 3 | .. | 19962b |
| 33 | 12070 | 12.7 | −49 57 | 9.20 | 9.2 | Fo | 4 | .. | 19962b |
| 34 | 11494 | 12.7 | −51 37 | 9.7 | 10.7 | Ko | 1 | .. | 39457b |
| 35 | 11493 | 12.7 | −51 46 | 9.7 | 10.7 | G5 | 1 | .. | 39457b |
| 36 | 9066 | 12.7 | −53 18 | *9.9* | 10.5 | Go | 2 | .. | 39457b |
| 37 | 3369 | 12.8 | +39 21 | 7.8 | *8.8* | Ko | 1 | .. | 38500i |
| 38 | 2991 | 12.8 | +27 4 | 8.2 | *8.8* | Go | 4 | .. | 37806i |
| 39 | 3637 | 12.8 | + 8 47 | 8.6 | *8.6* | B9 | 3 | .. | 9437b |
| 40 | 3636 | 12.8 | + 8 39 | 8.5 | *9.5* | Ko | 2 | .. | 9437b |
| 41 | 3621 | 12.8 | + 7 7 | 8.6 | *9.7* | K2 | 1 | .. | 37811i |
| 42 | 3554 | 12.8 | + 2 56 | 9.1 | *9.9* | G5 | 2 | .. | 13401b |
| 43 | 4588 | 12.8 | − 2 4 | 8.3 | *8.4* | A2 | 9 | .. | 38110b |
| 44 | 4620 | 12.8 | − 5 55 | 9.4 | *10.2* | G5 | 1 | .. | 38110b |
| 45 | 4922 | 12.8 | −13 5 | 9.7 | *10.1* | F5 | 3 | .. | 24169b |
| 46 | 4986 | 12.8 | −14 2 | 9.7 | *10.9* | K5 | 2 | 3,2 | 24169b |
| 47 | 4985 | 12.8 | −14 7 | 9.2 | *10.4* | K5 | 3 | 5,2 | 24169b |
| 48 | 4984 | 12.8 | −14 13 | 9.2 | *10.2* | Ko | 2 | .. | 38079b |
| 49 | 5124 | 12.8 | −17 45 | 10.1 | *11.1* | Ko | 2 | .. | 24169b |
| 50 | 4957 | 12.8 | −19 9 | 10.6 | 10.2 | A | 2 | R | 24169b |
| 51 | 5084 | 12.8 | −20 47 | 9.7 | 9.6 | B8 | 4 | .. | 24169b |
| 52 | 4942 | 12.8 | −21 17 | 9.9 | 9.6 | B9 | 2 | .. | 40711b |
| 53 | 14212 | 12.8 | −23 7 | 9.0 | 9.4 | Ko | 4 | .. | 40711b |
| 54 | 14164 | 12.8 | −24 32 | 10.4 | 9.4 | Ao | 2 | .. | 40711b |
| 55 | 13002 | 12.8 | −25 22 | 10.0 | 9.1 | G5 | 3 | .. | 40711b |
| 56 | 14441 | 12.8 | −28 16 | 10.0 | 8.5 | B9 | 6 | .. | 17092b |
| 57 | 14799 | 12.8 | −29 44 | 9.3 | 8.4 | Ao | 7 | .. | 17092b |
| 58 | 12708 | 12.8 | −34 42 | 9.3 | 9.3 | A3 | 3 | .. | 40724b |
| 59 | 12435 | 12.8 | −37 14 | 10.8 | 9.6 | Ao | 2 | .. | 38804b |
| 60 | 12402 | 12.8 | −45 58 | 7.7 | 8.3 | G5 | 8 | .. | 19962b |
| 61 | 12299 | 12.8 | −46 11 | 9.9 | 10.1 | F8 | 1 | .. | 19962b |
| 62 | 12214 | 12.8 | −47 25 | 7.9 | 8.0 | B8 | 9 | .. | 19962b |
| 63 | 12428 | 12.8 | −48 56 | 9.2 | 9.5 | Ko | 3 | .. | 19962b |
| 64 | 7374 | 12.8 | −58 56 | *9.3* | 10.1 | G5 | 1 | .. | 42469b |
| 65 | 2175 | 12.9 | +52 8 | 8.3 | *8.4* | A2 | 2 | .. | 38559i |
| 66 | 2604 | 12.9 | +47 32 | 7.51 | *7.93* | F5 | 4 | .. | 37844i |
| 67 | 3163 | 12.9 | +34 46 | 8.5 | *9.7* | K5 | 1 | .. | 37828i |
| 68 | 3209 | 12.9 | +26 44 | 8.6 | *9.2* | G | 2 | .. | 37806i |
| 69 | 3371 | 12.9 | +21 53 | 8.7 | *9.3* | Go | 2 | .. | 37806i |
| 70 | 3449 | 12.9 | +12 10 | 9.1 | *10.1* | Ko | 1 | .. | 9437b |
| 71 | 3662 | 12.9 | + 3 27 | 8.9 | *8.9* | Ao | 4 | 2,3 | 9437b |
| 72 | 3661 | 12.9 | + 3 6 | 9.4 | *10.5* | K2 | 1 | .. | 13401b |
| 73 | 3469 | 12.9 | − 1 21 | 7.5 | *7.5* | Ao | 9 | .. | 13401b |
| 74 | *4986* | 12.9 | −11 59 | 10.1 | *10.1* | Ao | 1 | .. | 40332b |
| 75 | 4925 | 12.9 | −13 50 | 8.5 | *8.3* | B | 5 | R | 38079b |
| 76 | 4926 | 12.9 | −13 50 | 8.5 | *8.3* | | | | |
| 77 | 4987 | 12.9 | −14 16 | 10.6 | *10.7* | A2 | 2 | .. | 40332b |
| 78 | 5125 | 12.9 | −17 6 | 10.6 | *10.5* | B5 | 4 | .. | 24169b |
| 79 | .. | 12.9 | −17 37 | .. | .. | B8 | 5 | .. | 24169b |
| 80 | 4900 | 12.9 | −18 12 | 8.3 | *8.1* | B2 | .. | .. | **56**,142 |
| 81 | 5085 | 12.9 | −20 7 | 9.7 | 10.5 | Ko | 2 | .. | 24169b |
| 82 | 4943 | 12.9 | −21 30 | 9.2 | 8.7 | B9 | 6 | .. | 40711b |
| 83 | 4662 | 12.9 | −22 59 | 10.3 | 9.4 | B9 | 4 | .. | 40711b |
| 84 | 13004 | 12.9 | −25 34 | 10.2 | 9.4 | G5 | 2 | .. | 40711b |
| 85 | 13032 | 12.9 | −26 46 | 8.5 | 8.8 | Ao | 4 | .. | 17092b |
| 86 | 14005 | 12.9 | −32 6 | 9.3 | 9.6 | Ao | 4 | .. | 40724b |
| 87 | 12690 | 12.9 | −38 2 | 10.1 | 10.0 | F8 | 2 | .. | 38804b |
| 88 | 12384 | 12.9 | −40 3 | 9.3 | 9.4 | Ao | 5 | .. | 21880b |
| 89 | 12661 | 12.9 | −41 47 | 9.9 | 10.6 | Ko | 1 | .. | 21880b |
| 90 | 12302 | 12.9 | −46 24 | 9.9 | 9.6 | A2 | 3 | .. | 19962b |
| 91 | 1168 | 12.9 | −78 40 | *8.1* | 9.2 | K2 | 5 | .. | 19008b |
| 92 | 2080 | 13.0 | +56 34 | 6.41 | *6.69* | Fo | 6 | 0,6 | 38505i |
| 93 | 2549 | 13.0 | +50 57 | 7.70 | *8.20* | F8 | 5 | .. | 38559i |
| 94 | 3679 | 13.0 | + 5 38 | 9.4 | *10.6* | K5 | 1 | .. | 13401b |
| 95 | 4621 | 13.0 | − 5 59 | 8.5 | *8.8* | Fo | 5 | .. | 38110b |
| 96 | 4646 | 13.0 | −10 54 | 8.8 | *9.2* | F5 | 3 | .. | 40332b |
| 97 | 4988 | 13.0 | −14 1 | 8.7 | *9.8* | K2 | 5 | 2,4 | 24169b |
| 98 | 4803 | 13.0 | −16 20 | 9.4 | *9.5* | A2 | 7 | .. | 24169b |
| 99 | 4903 | 13.0 | −18 52 | 10.6 | *11.4* | G5 | 2 | .. | 24169b |
| 100 | 4945 | 13.0 | −21 20 | 10.1 | 9.6 | B9 | 3 | .. | 40711b |



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**168100** **18h 13m.0**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4946 | 13.0 | −21 35 | 9.9 | 10.5 | K2 | 1 | .. | 40711b |
| 2 | 13082 | 13.0 | −33 4 | 8.6 | 8.2 | Ao | 5 | .. | 40724b |
| 3 | 12438 | 13.0 | −37 39 | 8.6 | 8.4 | A2 | 6 | .. | 38804b |
| 4 | 12691 | 13.0 | −38 23 | 10.8 | 10.4 | G5 | 1 | .. | 38804b |
| 5 | 12461 | 13.0 | −39 45 | 10.8 | 10.4 | A2 | 3 | .. | 21880b |
| 6 | 12452 | 13.0 | −43 29 | 9.7 | 10.3 | G5 | 4 | .. | 21880b |
| 7 | 12512 | 13.0 | −44 30 | 11.6 | 10.4 | B9 | 2 | .. | 21880b |
| 8 | 12434 | 13.0 | −48 2 | 8.7 | 8.4 | B8 | 8 | .. | 19962b |
| 9 | 9069 | 13.0 | −53 21 | *9.9* | 10.0 | A3 | 3 | .. | 39457b |
| 10 | 8991 | 13.0 | −57 2 | 8.6 | 8.5 | A2 | 5 | .. | 42469b |
| 11 | 4647 | 13.1 | −10 24 | 9.4 | *10.4* | Ko | 1 | .. | 40602b |
| 12 | 4988 | 13.1 | −12 8 | 8.7 | *8.5* | Bo | 4 | .. | 40332b |
| 13 | 4989 | 13.1 | −14 56 | 11.1 | *11.1* | B8 | 2 | .. | 24169b |
| 14 | 4804 | 13.1 | −16 42 | 9.7 | *9.7* | B8 | 7 | .. | 24169b |
| 15 | 5127 | 13.1 | −17 55 | 9.7 | *9.7* | B8 | 7 | .. | 24169b |
| 16 | 4904 | 13.1 | −18 34 | 7.65 | *8.65* | Ko | 7 | .. | 24169b |
| 17 | R | 13.1 | −19 38 | *10.4* | 10.4 | Ao | 4 | .. | 24169b |
| 18 | 4947 | 13.1 | −21 21 | 10.3 | 10.5 | Ko | 1 | .. | 40711b |
| 19 | 14222 | 13.1 | −23 46 | 10.7 | 10.2 | A | 2 | .. | 40711b |
| 20 | 13007 | 13.1 | −25 23 | 10.7 | 9.1 | F5 | 3 | .. | 40711b |
| 21 | 14804 | 13.1 | −29 3 | 8.5 | 8.1 | Ao | 7 | .. | 17092b |
| 22 | 12442 | 13.1 | −37 2 | 9.3 | 9.0 | A5 | 5 | .. | 38804b |
| 23 | 12443 | 13.1 | −37 43 | 8.7 | 9.2 | F8 | 3 | .. | 38804b |
| 24 | 12385 | 13.1 | −40 49 | 8.6 | 9.4 | Go | 5 | .. | 21880b |
| 25 | 13133 | 13.1 | −42 36 | 11.0 | 10.3 | Ao | 2 | .. | 21880b |
| 26 | 12453 | 13.1 | −43 56 | 9.9 | 9.6 | G5 | 2 | .. | 40856b |
| 27 | 11072 | 13.1 | −52 15 | 8.8 | 9.2 | A3 | 6 | .. | 39457b |
| 28 | 7376 | 13.1 | −58 53 | 8.4 | 9.2 | G5 | 4 | .. | 42469b |
| 29 | 1855 | 13.2 | +57 58 | 7.7 | 7.7 | Ao | 2 | .. | 38505i |
| 30 | 1960 | 13.2 | +54 7 | 6.79 | *7.86* | K2 | 6 | .. | 38015i |
| 31 | 3415 | 13.2 | +11 51 | 7.02 | *6.97* | B8 | 7 | .. | 37959i |
| 32 | 3458 | 13.2 | − 0 54 | 8.7 | *9.3* | Go | 4 | .. | 13401b |
| 33 | 4589 | 13.2 | − 2 40 | 9.4 | *10.4* | Ko | 1 | .. | 38110b |
| 34 | 4737 | 13.2 | − 6 9 | 8.7 | *8.8* | A3 | 3 | .. | 38110b |
| 35 | 4991 | 13.2 | −12 29 | 8.1 | *8.1* | B9 | 2 | .. | 44013b |
| 36 | 4931 | 13.2 | −13 35 | 8.3 | *9.5* | K5 | 5 | .. | 24169b |
| 37 | 4932 | 13.2 | −13 51 | 9.4 | *9.2* | B | 3 | .. | 40332b |
| 38 | 4958 | 13.2 | −19 29 | 9.4 | 9.0 | B3 | 6 | .. | 24169b |
| 39 | 4664 | 13.2 | −22 46 | 8.7 | 9.4 | Ko | 4 | .. | 40711b |
| 40 | 13008 | 13.2 | −25 44 | 10.7 | 9.1 | Ao | 3 | .. | 40711b |
| 41 | 13040 | 13.2 | −26 22 | 8.3 | 8.6 | Ko | 4 | .. | 40711b |
| 42 | 14807 | 13.2 | −29 16 | 9.7 | 10.6 | Ko | 1 | .. | 17092b |
| 43 | 12468 | 13.2 | −36 56 | 9.9 | 9.8 | K2 | 1 | .. | 38804b |
| 44 | 12692 | 13.2 | −38 51 | 9.9 | 8.8 | B8 | 5 | .. | 21880b |
| 45 | 12465 | 13.2 | −39 39 | 8.3 | 10.0 | Ko | 5 | .. | 21880b |
| 46 | 13134 | 13.2 | −42 16 | 10.3 | 10.6 | F5 | 2 | .. | 21880b |
| 47 | 12514 | 13.2 | −44 7 | 7.1 | 8.6 | Mb | 5 | .. | 19962b |
| 48 | 12515 | 13.2 | −44 25 | 11.0 | 10.3 | G5 | 2 | .. | 21880b |
| 49 | 12305 | 13.2 | −46 12 | 9.9 | 9.6 | Fo | 2 | .. | 19962b |
| 50 | 11074 | 13.2 | −52 44 | *9.8* | 10.8 | Ko | 1 | .. | 39457b |
| 51 | 1252 | 13.3 | +64 22 | 5.03 | *5.45* | F5 | .. | .. | 56,95 |
| 52 | 2340 | 13.3 | +51 35 | 7.8 | *8.8* | Ko | 3 | .. | 38559i |
| 53 | 2863 | 13.3 | +44 21 | 9.0 | *10.0* | K | 1 | .. | 37844i |
| 54 | 3328 | 13.3 | +22 39 | 9.2 | *9.6* | F5 | 2 | .. | 37806i |
| 55 | 3723 | 13.3 | +20 26 | 8.6 | *9.8* | K5 | 2 | .. | 37806i |
| 56 | 3557 | 13.3 | + 2 36 | 8.9 | *9.0* | A3 | 4 | .. | 13401b |
| 57 | 3470 | 13.3 | − 1 56 | 8.36 | *9.14* | G5 | 6 | .. | 38110b |
| 58 | 4622 | 13.3 | − 5 26 | 9.4 | *10.2* | G5 | 1 | .. | 38110b |
| 59 | 4738 | 13.3 | − 6 44 | 9.2 | *10.2* | Ko | 3 | .. | 40602b |
| 60 | 4687 | 13.3 | − 9 31 | 9.7 | *10.3* | Go | 1 | .. | 40602b |
| 61 | 4590 | 13.3 | −11 3 | 8.8 | *9.3* | F8 | 3 | .. | 40332b |
| 62 | 4921 | 13.3 | −15 31 | 9.7 | *9.5* | B2 | 3 | .. | 40332b |
| 63 | 4806 | 13.3 | −16 20 | 9.1 | *8.9* | B3 | 8 | .. | 24169b |
| 64 | 4807 | 13.3 | −16 25 | 9.4 | *10.8* | Ma | .. | .. | M |
| 65 | 4805 | 13.3 | −16 42 | 8.7 | *9.5* | G5 | 7 | .. | 24169b |
| 66 | 5128 | 13.3 | −17 36 | 9.7 | *10.0* | F2 | 6 | .. | 24169b |
| 67 | 4959 | 13.3 | −19 41 | 10.1 | 9.9 | Ao | 4 | .. | 24169b |
| 68 | 14174 | 13.3 | −24 40 | 10.7 | 9.5 | A | 2 | .. | 40711b |
| 69 | 14809 | 13.3 | −29 40 | 8.1 | 8.8 | Ko | 6 | .. | 17092b |
| 70 | 12495 | 13.3 | −35 56 | 8.6 | 8.7 | F5 | 4 | .. | 38804b |
| 71 | 12471 | 13.3 | −36 4 | 9.9 | 8.7 | A5 | 3 | .. | 38804b |
| 72 | 12472 | 13.3 | −36 5 | 8.9 | 8.3 | B8 | 6 | .. | 38804b |
| 73 | 12454 | 13.3 | −43 40 | 10.3 | 10.4 | G5 | 2 | .. | 21880b |
| 74 | 11497 | 13.3 | −51 10 | 9.2 | 9.5 | A5 | 6 | .. | 39457b |
| 75 | 7258 | 13.3 | −59 37 | *9.8* | 9.8 | Ao | 2 | .. | 42469b |
| 76 | 3881 | 13.3 | −64 26 | *8.0* | 8.0 | Ao | 6 | .. | 42484b |
| 77 | 1169 | 13.3 | −78 24 | *8.9* | 9.7 | G5 | 2 | .. | 19008b |
| 78 | 3062 | 13.4 | +33 30 | 7.07 | *8.14* | K2 | 5 | .. | 37828i |
| 79 | 3456 | 13.4 | +12 10 | 7.62 | *7.60* | B9 | 7 | 1,4 | 9437b |
| 80 | 3687 | 13.4 | + 6 54 | 9.4 | *9.4* | Ao | 2 | .. | 9437b |
| 81 | 4591 | 13.4 | − 2 38 | 8.7 | *9.3* | Go | 4 | .. | 38110b |
| 82 | 4591 | 13.4 | −11 19 | 10.1 | *10.1* | Ao | 1 | .. | 40332b |
| 83 | 4991 | 13.4 | −14 2 | 8.3 | *8.1* | Bo | 5 | .. | 38079b |
| 84 | 4808 | 13.4 | −16 0 | 10.6 | *10.6* | Ao | 2 | .. | 24169b |
| 85 | 5129 | 13.4 | −17 11 | 10.1 | *10.1* | B8 | 7 | .. | 24169b |
| 86 | .. | 13.4 | −17 52 | .. | .. | B5 | 2 | .. | 24169b |
| 87 | 4906 | 13.4 | −18 21 | 10.7 | *10.7* | A | 2 | .. | 24169b |
| 88 | R | 13.4 | −19 11 | *10.8* | 10.8 | A | 2 | .. | 24169b |
| 89 | 4665 | 13.4 | −22 23 | 9.9 | 9.9 | F5 | 3 | .. | 40711b |
| 90 | 14227 | 13.4 | −23 21 | 10.4 | 9.6 | A2 | 2 | .. | 40711b |
| 91 | 14454 | 13.4 | −28 29 | 9.7 | 8.6 | B8 | 4 | .. | 17092b |
| 92 | 14013 | 13.4 | −32 18 | 10.8 | 9.8 | B8 | 1 | .. | 40724b |
| 93 | 12496 | 13.4 | −35 29 | 10.1 | 9.2 | F2 | 3 | .. | 40724b |
| 94 | 12393 | 13.4 | −40 45 | 9.9 | 9.4 | A5 | 4 | .. | 21880b |
| 95 | 13139 | 13.4 | −42 22 | 9.7 | 9.4 | Ao | 5 | .. | 21880b |
| 96 | 13140 | 13.4 | −42 34 | 10.6 | 10.4 | B9 | 4 | .. | 21880b |
| 97 | 12074 | 13.4 | −49 16 | 9.3 | 10.1 | K5 | 1 | .. | 19962b |
| 98 | 3520 | 13.5 | +17 56 | 7.5 | *8.9* | Mb | 3 | 5,2 | 20915i |
| 99 | 3593 | 13.5 | +13 44 | 6.18 | *6.06* | B5 | 10 | .. | 37959i |
| 100 | 3416 | 13.5 | +11 52 | 9.2 | *9.2* | B9 | 2 | .. | 9437b |



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1922AnHar..97....1C



## 168200 — $18^h\ 13^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3417 | 13.5 | +11 22 | 7.38 | *8.56* | K5 | 2 | .. | 37959i |
| 2 | 3685 | 13.5 | + 5 6 | 7.41 | *7.39* | B9 | 6 | 0,9 | 37811i |
| 3 | 3559 | 13.5 | + 2 56 | 8.1 | *9.1* | Ko | 6 | 0,3 | 13401b |
| 4 | 4265 | 13.5 | − 3 57 | 9.7 | *10.5* | G5 | 1 | .. | 38110b |
| 5 | 4623 | 13.5 | − 5 19 | 9.7 | *10.3* | Go | 1 | .. | 38110b |
| 6 | 4953 | 13.5 | −11 40 | 8.87 | .. | Oa | .. | .. | **76,29** |
| 7 | 4994 | 13.5 | −14 12 | 10.1 | *9.9* | Bo | 2 | .. | 38079b |
| 8 | *4667* | 13.5 | −21 59 | 10.3 | 11.0 | K | 1 | .. | 40711b |
| 9 | 12721 | 13.5 | −27 33 | 8.3 | 7.9 | A2 | 5 | .. | 40711b |
| 10 | 14813 | 13.5 | −29 20 | 9.3 | 8.8 | G5 | 5 | .. | 17092b |
| 11 | 14017 | 13.5 | −32 23 | 8.6 | 8.5 | B8 | 4 | .. | 40724b |
| 12 | 12720 | 13.5 | −34 49 | 7.58 | 7.7 | B9 | 7 | .. | 40724b |
| 13 | 12699 | 13.5 | −38 9 | 9.9 | 10.4 | Ko | 1 | .. | 38804b |
| 14 | 12394 | 13.5 | −40 19 | 7.5 | 8.5 | G5 | 7 | .. | 21880b |
| 15 | 12460 | 13.5 | −43 32 | 9.0 | 9.2 | Fo | 4 | .. | 40856b |
| 16 | 12521 | 13.5 | −44 32 | 11.0 | 10.4 | F8 | 3 | .. | 21880b |
| 17 | 12518 | 13.5 | −44 56 | 9.3 | 9.5 | A2 | 5 | .. | 19962b |
| 18 | 12075 | 13.5 | −49 12 | 9.5 | 9.5 | Go | 3 | .. | 19962b |
| 19 | 9075 | 13.5 | −53 34 | 8.2 | 9.4 | Ko | 5 | .. | 39457b |
| 20 | 8835 | 13.5 | −54 14 | 8.7 | 9.7 | Ko | 4 | .. | 39457b |
| 21 | 2551 | 13.6 | +50 30 | 7.32 | *7.22* | Ao | 8 | .. | 38559i |
| 22 | 3467 | 13.6 | +10 32 | 8.5 | *8.5* | Ao | 4 | .. | 9437b |
| 23 | 3696 | 13.6 | + 4 48 | 9.2 | *9.2* | Ao | 3 | 2,2 | 13401b |
| 24 | 3697 | 13.6 | + 4 7 | 8.5 | *9.6* | K2 | 3 | .. | 9437b |
| 25 | 3913 | 13.6 | + 0 43 | 8.6 | *8.7* | A2 | 5 | .. | 13401b |
| 26 | 4922 | 13.6 | −15 13 | 9.9 | *11.0* | K2 | 3 | .. | 24169b |
| 27 | 4923 | 13.6 | −15 39 | var. | var. | R5 | 4 | R | 24169b |
| 28 | 4809 | 13.6 | −16 47 | 10.1 | *11.3* | K5 | 2 | .. | 24169b |
| 29 | 4909 | 13.6 | −18 16 | 9.7 | *9.5* | B | 7 | .. | 24169b |
| 30 | 4908 | 13.6 | −18 54 | 10.6 | *10.4* | B3 | 4 | .. | 24169b |
| 31 | 4961 | 13.6 | −19 42 | 10.6 | 11.0 | K | 1 | .. | 24169b |
| 32 | 4668 | 13.6 | −22 8 | 9.4 | 10.2 | Ko | 2 | .. | 40711b |
| 33 | 4670 | 13.6 | −22 34 | 9.4 | 9.3 | A5 | 4 | .. | 40711b |
| 34 | 14018 | 13.6 | −32 25 | 8.6 | 8.1 | B8 | 4 | .. | 40724b |
| 35 | 14019 | 13.6 | −32 45 | 9.3 | 10.5 | B9 | 3 | .. | 40724b |
| 36 | 12500 | 13.6 | −35 29 | 6.72 | 7.0 | B9 | 9 | .. | 40724b |
| 37 | 12474 | 13.6 | −36 29 | 8.3 | 8.6 | K2 | 4 | .. | 38804b |
| 38 | 12476 | 13.6 | −36 44 | 10.3 | 9.5 | F5 | 1 | .. | 38804b |
| 39 | 12395 | 13.6 | −40 3 | 9.9 | 9.4 | B9 | 6 | .. | 21880b |
| 40 | 9076 | 13.6 | −53 47 | 8.6 | 9.1 | F5 | 7 | .. | 39457b |
| 41 | 1298 | 13.6 | −77 25 | *6.9* | 7.9 | Ko | 9 | .. | 19008b |
| 42 | 1856 | 13.7 | +57 18 | 8.1 | *9.1* | Ko | 3 | .. | 38015i |
| 43 | 3378 | 13.7 | +21 58 | 8.2 | *9.2* | Ko | 3 | .. | 37806i |
| 44 | 3377 | 13.7 | +21 13 | 8.6 | *8.7* | A2 | 2 | .. | 37806i |
| 45 | 4438 | 13.7 | − 4 9 | 7.60 | *8.60* | Ko | 5 | .. | 38110b |
| 46 | 4810 | 13.7 | −16 49 | 10.7 | *10.7* | B8 | 2 | .. | 24169b |
| 47 | 5130 | 13.7 | −17 46 | 10.3 | *11.3* | Ko | 2 | .. | 24169b |
| 48 | .. | 13.7 | −18 45 | .. | .. | Ao | 3 | .. | 24169b |
| 49 | 4962 | 13.7 | −19 46 | 8.7 | 9.3 | Ko | 6 | .. | 24169b |
| 50 | 14234 | 13.7 | −23 12 | 10.0 | 9.6 | G5 | 3 | .. | 40711b |
| 51 | 14024 | 13.7 | −32 23 | 8.3 | 7.9 | B8 | 6 | .. | 40724b |
| 52 | 12501 | 13.7 | −35 2 | 9.21 | 9.0 | B8 | 4 | .. | 40724b |
| 53 | 12477 | 13.7 | −36 17 | 10.1 | 9.8 | G5 | 1 | .. | 38804b |
| 54 | 12450 | 13.7 | −37 4 | 8.9 | 9.3 | K2 | 3 | .. | 38804b |
| 55 | 12478 | 13.7 | −39 32 | 9.9 | 10.4 | F8 | 3 | .. | 21880b |
| 56 | 12675 | 13.7 | −41 24 | 8.6 | 9.4 | G5 | 5 | .. | 21880b |
| 57 | 12465 | 13.7 | −43 16 | 9.9 | 9.5 | Ao | 5 | .. | 40856b |
| 58 | 12522 | 13.7 | −44 9 | 11.0 | 10.4 | F8 | 2 | .. | 21880b |
| 59 | 12523 | 13.7 | −44 57 | 9.7 | 10.4 | Ko | 1 | .. | 19962b |
| 60 | 11504 | 13.7 | −51 18 | 9.9 | 9.8 | A2 | 4 | .. | 39457b |
| 61 | 11076 | 13.7 | −52 38 | *9.8* | 9.9 | A2 | 3 | .. | 39457b |
| 62 | 8995 | 13.7 | −57 24 | 8.6 | 9.2 | F5 | 2 | .. | 42469b |
| 63 | 5842 | 13.7 | −62 38 | *7.7* | 8.1 | F5 | 2 | .. | 42484b |
| 64 | 1904 | 13.7 | −73 8 | *7.9* | 8.9 | Ko | 5 | .. | 21336b |
| 65 | 576 | 13.7 | −84 18 | *9.4* | 9.9 | F8 | 1 | .. | 43458b |
| 66 | 1089 | 13.8 | +66 27 | 7.9 | *8.2* | Fo | 2 | 2,1 | 37907i |
| 67 | 1253 | 13.8 | +64 43 | 7.30 | *8.37* | K2 | 4 | .. | 38505i |
| 68 | 2081 | 13.8 | +56 51 | 7.57 | *7.57* | Ao | 3 | .. | 38505i |
| 69 | 2668 | 13.8 | +48 20 | 7.61 | *8.79* | K5 | 2 | .. | 37997i |
| 70 | 3623 | 13.8 | +18 6 | 5.99 | *5.99* | Ao | 7 | 0,7 | 37901i |
| 71 | 3461 | 13.8 | +12 56 | 6.56 | *6.54* | B9 | 9 | .. | 37959i |
| 72 | 3469 | 13.8 | +10 36 | 9.0 | *9.1* | A3 | 3 | .. | 9437b |
| 73 | 3460 | 13.8 | − 0 42 | 8.6 | *9.1* | F8 | 4 | .. | 13401b |
| 74 | 4592 | 13.8 | − 2 33 | 9.4 | *9.9* | F8 | 2 | .. | 38110b |
| 75 | 4267 | 13.8 | − 3 12 | 8.1 | *8.9* | G5 | 4 | .. | 38110b |
| 76 | 4811 | 13.8 | −16 3 | 9.7 | *10.0* | F2 | 5 | .. | 24169b |
| 77 | ... | 13.8 | −16 52 | .. | .. | Ao | 2 | .. | 24169b |
| 78 | 4911 | 13.8 | −18 5 | 11.0 | *11.1* | A5 | 3 | .. | 24169b |
| 79 | 4913 | 13.8 | −18 11 | 10.6 | *10.5* | B5 | 7 | .. | 24169b |
| 80 | 4949 | 13.8 | −21 54 | 10.6 | 10.2 | Ao | 2 | .. | 40711b |
| 81 | 14236 | 13.8 | −23 22 | 7.9 | 9.3 | Ma | 3 | .. | 40711b |
| 82 | 14185 | 13.8 | −24 39 | 10.2 | 9.1 | B9 | 3 | .. | 40711b |
| 83 | 14032 | 13.8 | −32 13 | 10.8 | 9.6 | B8 | 2 | .. | 40724b |
| 84 | 12479 | 13.8 | −39 24 | 10.1 | 10.0 | Ao | 4 | .. | 21880b |
| 85 | 12677 | 13.8 | −41 46 | 10.6 | 10.6 | Ao | 2 | .. | 21880b |
| 86 | 13146 | 13.8 | −42 57 | 10.6 | 10.3 | Go | 3 | .. | 21880b |
| 87 | 12466 | 13.8 | −43 49 | 7.4 | 7.3 | A3p | .. | *I*,R | **56,142** |
| 88 | 12414 | 13.8 | −45 23 | 9.3 | 10.4 | K5 | 1 | .. | 19962b |
| 89 | 11506 | 13.8 | −51 45 | 10.6 | 11.0 | A3 | 1 | .. | 39457b |
| 90 | 8840 | 13.8 | −54 7 | *10.4* | 10.5 | A2 | 2 | .. | 39457b |
| 91 | 8841 | 13.8 | −54 34 | *9.4* | 10.6 | K5 | 1 | .. | 39457b |
| 92 | 8629 | 13.8 | −55 37 | 8.0 | 8.5 | Go | 9 | R | 42469b |
| 93 | 2060 | 13.9 | +53 15 | 7.28 | *8.28* | Ko | 4 | .. | 38015i |
| 94 | 2342 | 13.9 | +51 17 | 8.7 | *9.5* | G5 | 2 | .. | 38559i |
| 95 | 3331 | 13.9 | +40 13 | 8.5 | *9.5* | Ko | 1 | .. | 38500i |
| 96 | 3687 | 13.9 | + 5 59 | 8.6 | *9.6* | Ko | 2 | .. | 13401b |
| 97 | 4650 | 13.9 | −10 29 | 9.1 | *9.1* | Ao | 3 | .. | 40602b |
| 98 | 4649 | 13.9 | −10 45 | 9.1 | *10.1* | Ko | 2 | .. | 40332b |
| 99 | 4999 | 13.9 | −12 20 | 9.9 | *10.9* | Ko | 1 | .. | 40332b |
| 100 | 4997 | 13.9 | −14 49 | 9.26 | *9.26* | Ao | 5 | .. | 24169b |



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## 168300 — 18h 13m.9

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | .. | 13.9 | −15 16 | .. | .. | Ao | 2 | .. | 24169b |
| 2 | 4812 | 13.9 | −16 3 | 9.9 | *9.8* | B5 | 5 | .. | 24169b |
| 3 | .. | 13.9 | −17 5 | .. | .. | A | 1 | .. | 24169b |
| 4 | 5131 | 13.9 | −17 32 | 10.6 | *10.6* | B9 | 3 | .. | 24169b |
| 5 | 5132 | 13.9 | −17 32 | 10.6 | *10.7* | A3 | 3 | .. | 24169b |
| 6 | 4915 | 13.9 | −18 33 | 11.0 | *11.0* | B8 | 6 | .. | 24169b |
| 7 | 4950 | 13.9 | −21 46 | 9.9 | 9.3 | Ao | 4 | .. | 40711b |
| 8 | 4672 | 13.9 | −22 24 | 10.3 | 9.4 | B8 | 3 | .. | 40711b |
| 9 | 13049 | 13.9 | −26 13 | 9.2 | 8.5 | B9 | 5 | .. | 40711b |
| 10 | 15412 | 13.9 | −31 22 | 7.38 | 7.5 | A5 | 7 | .. | 40724b |
| 11 | 14034 | 13.9 | −32 51 | 9.9 | 9.9 | Go | 2 | .. | 40724b |
| 12 | 12727 | 13.9 | −34 22 | 9.9 | 9.2 | Go | 2 | .. | 40724b |
| 13 | 12487 | 13.9 | −36 49 | 8.1 | 8.4 | Ma | 6 | .. | 38804b |
| 14 | 12484 | 13.9 | −39 42 | 10.8 | 10.4 | Ao | 3 | .. | 21880b |
| 15 | *12483* | 13.9 | −40 0 | 8.7 | 10.0 | G5 | 4 | .. | 21880b |
| 16 | 13147 | 13.9 | −42 44 | 9.2 | 8.5 | A2 | 6 | .. | 40856b |
| 17 | 12416 | 13.9 | −45 10 | 10.1 | 9.8 | A2 | 3 | .. | 19962b |
| 18 | 8998 | 13.9 | −57 33 | 8.8 | 9.8 | G5 | 1 | .. | 42469b |
| 19 | 3885 | 13.9 | −64 46 | *9.5* | 9.6 | A2 | 1 | .. | 42464b |
| 20 | 2669 | 14.0 | +48 6 | 7.07 | *8.14* | K2 | 4 | *2,3* | 37997i |
| 21 | 2608 | 14.0 | +47 53 | 8.1 | *8.1* | A | 3 | 0,3 | 37997i |
| 22 | 3332 | 14.0 | +40 54 | 6.10 | *7.10* | Ko | 8 | .. | 37844i |
| 23 | 3299 | 14.0 | +23 15 | 6.72 | *7.90* | K5 | 5 | .. | 37806i |
| 24 | 4624 | 14.0 | − 5 31 | 8.1 | *8.5* | F5 | 6 | .. | 38110b |
| 25 | 4690 | 14.0 | − 9 51 | 8.81 | *9.31* | F8 | 4 | .. | 40602b |
| 26 | 5000 | 14.0 | −12 40 | 10.3 | *11.3* | Ko | 1 | .. | 40332b |
| 27 | 5134 | 14.0 | −17 4 | 10.8 | *10.8* | A | 2 | .. | 24169b |
| 28 | 5135 | 14.0 | −17 39 | 8.3 | *8.6* | F2 | 7 | .. | 24169b |
| 29 | 5133 | 14.0 | −17 48 | 7.06 | *8.06* | Ko | 8 | .. | 24169b |
| 30 | R | 14.0 | −19 8 | *10.3* | 11.3 | Ko | 2 | .. | 24169b |
| 31 | *14189* | 14.0 | −25 0 | 9.25 | 8.8 | B9 | 4 | .. | 40711b |
| 32 | 13023 | 14.0 | −25 59 | 10.4 | 10.2 | K | 1 | .. | 40711b |
| 33 | 15414 | 14.0 | −31 36 | 10.0 | 8.7 | Ao | 4 | .. | 40724b |
| 34 | 14037 | 14.0 | −32 24 | 7.9 | 8.4 | A2 | 5 | .. | 40724b |
| 35 | 12490 | 14.0 | −36 13 | 9.9 | 8.9 | Ao | 4 | .. | 38804b |
| 36 | 12681 | 14.0 | −41 52 | 10.3 | 9.4 | B9 | 4 | .. | 21880b |
| 37 | 12526 | 14.0 | −44 2 | 9.9 | 10.1 | Fo | 3 | .. | 21880b |
| 38 | 7031 | 14.0 | −60 48 | 7.01 | 7.3 | A3 | 9 | .. | 42484b |
| 39 | 6140 | 14.0 | −61 33 | 4.25 | *5.32* | K2 | .. | *2*,R | **28**,213 |
| 40 | 982 | 14.1 | +68 37 | 8.9 | *9.0* | A3 | 2 | .. | 38095i |
| 41 | 1799 | 14.1 | +58 46 | 9.0 | *9.8* | G5 | 1 | .. | 38015i |
| 42 | 2178 | 14.1 | +52 51 | 8.1 | *8.4* | Fo | 2 | .. | 38559i |
| 43 | 2553 | 14.1 | +50 35 | 7.7 | *8.7* | Ko | 2 | .. | 38559i |
| 44 | 3482 | 14.1 | +14 21 | 7.7 | *8.8* | K2 | 3 | .. | 37959i |
| 45 | 3668 | 14.1 | + 3 9 | 9.4 | *9.4* | B9 | 3 | .. | 13401b |
| 46 | 3647 | 14.1 | + 1 24 | 8.9 | *9.0* | A5 | 3 | .. | 13401b |
| 47 | 4691 | 14.1 | − 9 33 | 9.4 | *9.4* | Ao | 2 | .. | 40602b |
| 48 | 4651 | 14.1 | −10 58 | 8.6 | *9.4* | G5 | 5 | R | 40332b |
| 49 | | 14.1 | −10 58 | | | A5 | | | |
| 50 | 5001 | 14.1 | −12 33 | 8.8 | *9.8* | Ko | 3 | .. | 40332b |
| 51 | 4999 | 14.1 | −14 7 | 10.6 | *10.6* | Ao | 1 | .. | 38079b |
| 52 | 5136 | 14.1 | −17 7 | 9.4 | *9.2* | B2 | 6 | .. | 24169b |
| 53 | R | 14.1 | −18 59 | .. | .. | A2 | 2 | .. | 24169b |
| 54 | 4676 | 14.1 | −22 13 | 10.1 | 10.2 | Go | 2 | .. | 40711b |
| 55 | 12729 | 14.1 | −27 27 | 7.20 | 8.2 | Ko | 6 | 0,5 | 40326b |
| 56 | 14823 | 14.1 | −29 7 | 7.24 | 7.9 | G5 | 5 | .. | 40326b |
| 57 | 12457 | 14.1 | −37 32 | 6.48 | 7.4 | Ko | 9 | .. | 38804b |
| 58 | 12490 | 14.1 | −39 38 | 9.9 | 9.7 | F2 | 3 | .. | 21880b |
| 59 | 13149 | 14.1 | −42 11 | 10.6 | *11.0* | F5 | 1 | .. | 21880b |
| 60 | 11509 | 14.1 | −51 29 | 8.1 | 8.6 | Fo | 6 | .. | 39457b |
| 61 | 11507 | 14.1 | −51 53 | 10.1 | 11.0 | K5 | 1 | .. | 39457b |
| 62 | 3481 | 14.2 | +25 17 | 8.6 | *9.6* | Ko | 2 | .. | 37806i |
| 63 | 3626 | 14.2 | +18 21 | 7.9 | *8.3* | F5 | 3 | .. | 37806i |
| 64 | 3450 | 14.2 | +16 58 | 7.5 | *8.1* | Go | 2 | .. | 37901i |
| 65 | 4593 | 14.2 | − 2 11 | 9.4 | *10.0* | Go | 1 | .. | 38110b |
| 66 | 4652 | 14.2 | −10 56 | 8.3 | *9.4* | K2 | 4 | .. | 40332b |
| 67 | 5002 | 14.2 | −12 33 | 9.7 | *10.2* | F8 | 4 | R | 40332b |
| 68 | 5139 | 14.2 | −17 6 | 10.1 | *9.9* | B3 | 5 | .. | 24169b |
| 69 | 4963 | 14.2 | −19 33 | 9.4 | 10.5 | K2 | 4 | .. | 24169b |
| 70 | 4953 | 14.2 | −21 19 | 9.7 | 9.0 | Ao | 4 | .. | 40711b |
| 71 | 4952 | 14.2 | −21 32 | 9.9 | 9.4 | Go | 2 | .. | 40711b |
| 72 | 14192 | 14.2 | −24 10 | 10.4 | 9.4 | Ao | 3 | .. | 40711b |
| 73 | 13025 | 14.2 | −25 6 | 9.35 | 9.5 | A3 | 2 | .. | 40711b |
| 74 | 14826 | 14.2 | −29 2 | 10.4 | 9.6 | A | 2 | .. | 40326b |
| 75 | 12493 | 14.2 | −36 43 | 9.7 | 8.9 | Go | 4 | .. | 38804b |
| 76 | 12707 | 14.2 | −38 0 | 8.9 | 10.3 | Ko | 1 | .. | 38804b |
| 77 | 12491 | 14.2 | −39 48 | 10.6 | 10.6 | G5 | 3 | .. | 21880b |
| 78 | 13150 | 14.2 | −42 38 | 9.1 | 8.2 | B9 | 8 | .. | 21880b |
| 79 | 13152 | 14.2 | −42 59 | 11.0 | 10.6 | Ko | 1 | .. | 21880b |
| 80 | 3331 | 14.2 | −66 56 | *8.7* | 9.2 | F8 | 2 | .. | 41598b |
| 81 | 3532 | 14.2 | −67 31 | *8.4* | 9.6 | K5 | 1 | .. | 41598b |
| 82 | 2761 | 14.3 | +49 3 | 7.47 | *8.54* | K2 | 3 | .. | 38559i |
| 83 | 3044 | 14.3 | +42 47 | 8.7 | *9.7* | K | 1 | .. | 37844i |
| 84 | 3377 | 14.3 | +24 24 | 8.0 | *9.1* | K2 | 4 | .. | 37806i |
| 85 | 3586 | 14.3 | +19 55 | 8.70 | *8.70* | A | 3 | .. | 37806i |
| 86 | 3585 | 14.3 | +19 25 | 7.9 | *7.9* | B9 | 3 | .. | 37806i |
| 87 | 3629 | 14.3 | + 7 13 | 5.57 | *6.57* | Ko | 9 | .. | 37811i |
| 88 | 3670 | 14.3 | + 3 14 | 9.1 | *9.1* | Ao | 3 | R | 37811i |
| 89 | 3669 | 14.3 | + 3 4 | 10.0 | *10.0* | Ao | 1 | .. | 13401b |
| 90 | 3473 | 14.3 | − 1 19 | 10.4 | *11.6* | K5 | 1 | .. | 38110b |
| 91 | 4440 | 14.3 | − 4 18 | 8.7 | *8.8* | A3 | 3 | .. | 38110b |
| 92 | 4653 | 14.3 | −10 31 | 8.5 | *8.6* | A3 | 6 | .. | 40602b |
| 93 | 4596 | 14.3 | −11 20 | 7.45 | *7.95* | F8 | 4 | *3,8* | 44013b |
| 94 | 4916 | 14.3 | −18 43 | 10.6 | *10.6* | B8 | 3 | .. | 24169b |
| 95 | 5094 | 14.3 | −20 24 | 9.9 | 10.4 | G5 | 3 | .. | 24169b |
| 96 | 4954 | 14.3 | −21 31 | 10.1 | 9.4 | A2 | 4 | .. | 40711b |
| 97 | 14244 | 14.3 | −23 53 | 10.4 | 10.4 | A | 2 | .. | 40711b |
| 98 | 14193 | 14.3 | −24 2 | 10.4 | 10.2 | A | 2 | .. | 40711b |
| 99 | 15559 | 14.3 | −30 11 | 8.9 | 10.6 | K5 | 2 | .. | 40326b |
| 100 | 13103 | 14.3 | −33 23 | 6.99 | 7.2 | Ao | 9 | .. | 40724b |



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## 168400 — $18^h\ 14^m.3$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12463 | 14.3 | −37 21 | 9.9 | 9.2 | Ao | 3 | .. | 38804b |
| 2 | 12710 | 14.3 | −38 44 | 9.9 | 9.4 | Go | 4 | .. | 21880b |
| 3 | 12497 | 14.3 | −39 4 | 6.70 | 6.8 | B9 | .. | .. | **56**,142 |
| 4 | 12408 | 14.3 | −40 27 | 8.9 | 8.5 | B9 | 7 | .. | 21880b |
| 5 | 12409 | 14.3 | −40 54 | 9.3 | 9.4 | B9 | 5 | .. | 21880b |
| 6 | 12687 | 14.3 | −41 20 | 10.6 | 10.6 | A2 | 2 | .. | 21880b |
| 7 | 12471 | 14.3 | −43 11 | 9.7 | 11.2 | K5 | 1 | .. | 21880b |
| 8 | 12532 | 14.3 | −44 54 | 9.5 | 10.1 | B9 | 3 | .. | 19962b |
| 9 | 4398 | 14.3 | −63 26 | *7.9* | 8.9 | Ko | 4 | .. | 42484b |
| 10 | 3106 | 14.3 | −68 28 | *9.2* | 9.2 | A | 2 | .. | 41598b |
| 11 | 756 | 14.4 | +74 22 | 8.5 | *9.7* | K5 | 1 | .. | 38095i |
| 12 | 3648 | 14.4 | + 8 31 | 8.6 | *8.6* | Ao | 5 | .. | 9437b |
| 13 | 3918 | 14.4 | + 0 48 | 7.8 | *9.0* | K5 | 3 | .. | 13401b |
| 14 | 5007 | 14.4 | −12 46 | 9.7 | *9.8* | A3 | 2 | .. | 40332b |
| 15 | 4927 | 14.4 | −15 52 | 5.71 | *6.78* | K2 | 4 | 2,10 | 44013b |
| 16 | 4813 | 14.4 | −16 3 | 10.3 | *11.1* | G5 | 2 | .. | 24169b |
| 17 | 4814 | 14.4 | −16 51 | 10.8 | *10.8* | B8 | 3 | .. | 24169b |
| 18 | 5141 | 14.4 | −17 2 | 9.7 | *9.5* | B3 | 4 | .. | 24169b |
| 19 | 4917 | 14.4 | −18 38 | 10.1 | *10.2* | A3 | 7 | .. | 24169b |
| 20 | .. | 14.4 | −19 38 | .. | .. | K5 | 2 | .. | 24169b |
| 21 | 5095 | 14.4 | −20 33 | 9.7 | 9.6 | B8 | 3 | .. | 24169b |
| 22 | 4678 | 14.4 | −22 12 | 9.9 | 9.3 | B8 | 4 | .. | 40711b |
| 23 | 12317 | 14.4 | −46 2 | 11.0 | 10.3 | A2 | 1 | .. | 19962b |
| 24 | 12218 | 14.4 | −47 46 | 8.4 | 9.5 | Ko | 6 | .. | 19962b |
| 25 | 12086 | 14.4 | −49 54 | 11.6 | 10.4 | Ao | 2 | .. | 39457b |
| 26 | 9083 | 14.4 | −53 32 | *9.7* | 10.3 | Go | 2 | .. | 39457b |
| 27 | 9082 | 14.4 | −53 47 | *9.9* | 10.0 | A3 | 3 | .. | 39457b |
| 28 | 2344 | 14.5 | +51 11 | 7.7 | *8.9* | K5 | 2 | .. | 38559i |
| 29 | 3302 | 14.5 | +23 32 | 8.1 | *8.1* | Ao | 3 | .. | 37806i |
| 30 | 3486 | 14.5 | +14 32 | 8.09 | *9.27* | K5 | 2 | .. | 37959i |
| 31 | 3467 | 14.5 | +12 9 | 6.93 | *6.88* | B8 | 7 | .. | 37901i |
| 32 | 4626 | 14.5 | − 5 0 | 7.80 | *8.36* | Go | 8 | .. | 38110b |
| 33 | 4679 | 14.5 | −22 31 | 10.6 | 9.9 | B9 | 2 | .. | 40711b |
| 34 | 14249 | 14.5 | −23 22 | 10.2 | 9.0 | Ao | 4 | .. | 40711b |
| 35 | 13031 | 14.5 | −25 31 | 9.5 | 8.0 | B9 | 6 | .. | 40711b |
| 36 | 12734 | 14.5 | −34 11 | 9.3 | 9.6 | K2 | 1 | .. | 40724b |
| 37 | 12533 | 14.5 | −44 16 | 9.7 | 9.8 | Ao | 2 | .. | 40856b |
| 38 | 12087 | 14.5 | −49 13 | 9.5 | 9.2 | A2 | 4 | .. | 19962b |
| 39 | 3334 | 14.6 | +40 17 | 7.17 | *7.17* | Ao | 5 | .. | 37844i |
| 40 | 3469 | 14.6 | +12 30 | 7.34 | *7.29* | B8 | 5 | .. | 37901i |
| 41 | 3690 | 14.6 | + 5 20 | 8.9 | *9.7* | G5 | 3 | .. | 13401b |
| 42 | 3474 | 14.6 | − 1 58 | 10.4 | *11.6* | K5 | 1 | .. | 38110b |
| 43 | 4692 | 14.6 | − 9 38 | 6.98 | *7.76* | G5 | 4 | .. | 44013b |
| 44 | 5002 | 14.6 | −14 53 | 8.86 | *8.62* | Bo | 7 | .. | 24169b |
| 45 | 4929 | 14.6 | −15 16 | 9.4 | *10.4* | Ko | 4 | .. | 24169b |
| 46 | 4931 | 14.6 | −15 51 | 10.6 | *11.2* | Go | 2 | .. | 24169b |
| 47 | *4815* | 14.6 | −15 59 | 10.6 | *10.7* | A5 | 4 | .. | 24169b |
| 48 | 5142 | 14.6 | −17 9 | 9.7 | *9.7* | B8 | 5 | .. | 24169b |
| 49 | 4919 | 14.6 | −18 31 | 11.0 | *10.9* | B5 | 2 | .. | 24169b |
| 50 | 4965 | 14.6 | −19 53 | 8.58 | 8.7 | Go | 7 | .. | 24169b |
| 51 | 5097 | 14.6 | −20 15 | 8.1 | 8.5 | F5 | 8 | .. | 24169b |
| 52 | 13032 | 14.6 | −25 48 | 10.2 | 9.4 | Ao | 3 | .. | 40711b |
| 53 | 14475 | 14.6 | −28 10 | 7.9 | 8.0 | Ao | 6 | .. | 40326b |
| 54 | 14834 | 14.6 | −29 52 | 2.84 | 5.4 | Ko | .. | R | **28**,213 |
| 55 | 12498 | 14.6 | −36 26 | 9.3 | 9.6 | Go | 1 | .. | 38804b |
| 56 | 12416 | 14.6 | −40 54 | 8.6 | 9.7 | Ko | 4 | .. | 21880b |
| 57 | 7380 | 14.6 | −58 28 | 8.5 | 10.9 | K5 | 1 | .. | 42469b |
| 58 | 3562 | 14.7 | + 2 5 | 9.1 | *10.1* | Ko | 2 | .. | 13401b |
| 59 | 4585 | 14.7 | − 8 2 | 6.51 | *6.93* | F5 | 10 | .. | 40602b |
| 60 | 4586 | 14.7 | − 8 35 | 8.8 | *9.3* | F8 | 2 | .. | 40602b |
| 61 | 5009 | 14.7 | −12 13 | 9.7 | *9.5* | B | 2 | .. | 40332b |
| 62 | 4932 | 14.7 | −15 53 | 10.6 | *10.6* | B8 | 4 | .. | 24169b |
| 63 | 5143 | 14.7 | −17 9 | 11.0 | *11.0* | B9 | 4 | .. | 24169b |
| 64 | 4966 | 14.7 | −19 35 | 10.8 | 10.5 | A | 3 | .. | 24169b |
| 65 | 4682 | 14.7 | −22 4 | 10.7 | 10.2 | Ao | 2 | .. | 40711b |
| 66 | 14477 | 14.7 | −28 24 | 9.2 | 8.6 | Ao | 5 | .. | 40326b |
| 67 | 14476 | 14.7 | −28 46 | 9.0 | 9.4 | K2 | 2 | .. | 40326b |
| 68 | 15568 | 14.7 | −30 42 | 8.7 | 8.7 | A3 | 4 | .. | 40724b |
| 69 | 12468 | 14.7 | −37 18 | 8.3 | 8.1 | B9 | 7 | .. | 38804b |
| 70 | 12503 | 14.7 | −39 4 | 10.8 | 10.6 | A2 | 3 | .. | 21880b |
| 71 | 12418 | 14.7 | −40 12 | 9.9 | 10.0 | Fo | 4 | .. | 21880b |
| 72 | 12417 | 14.7 | −40 58 | 8.9 | 10.6 | K5 | 2 | .. | 21880b |
| 73 | 12537 | 14.7 | −44 20 | 9.9 | 10.1 | F8 | 2 | .. | 21880b |
| 74 | 12321 | 14.7 | −46 6 | 8.5 | 9.0 | G5 | 5 | .. | 19962b |
| 75 | 11517 | 14.7 | −51 46 | 11.0 | 10.7 | G5 | 2 | .. | 39457b |
| 76 | 8755 | 14.7 | −56 41 | 8.9 | 9.1 | B | 2 | .. | 42469b |
| 77 | 3684 | 14.7 | −65 28 | *8.3* | 9.3 | Ko | 3 | .. | 41598b |
| 78 | 2544 | 14.7 | −70 36 | *8.7* | 9.5 | G5 | 1 | .. | 21336b |
| 79 | 2299 | 14.7 | −71 51 | *8.2* | 8.8 | Go | 5 | 5,3 | 21336b |
| 80 | 2047 | 14.8 | +55 39 | 8.7 | *9.0* | F2 | 2 | .. | 38015i |
| 81 | 3426 | 14.8 | +15 47 | 7.00 | *7.08* | A3 | 7 | .. | 37959i |
| 82 | 3426 | 14.8 | +11 8 | 9.1 | *9.4* | F2 | 2 | .. | 9437b |
| 83 | 3632 | 14.8 | + 7 42 | 9.2 | *9.3* | A2 | 2 | .. | 9437b |
| 84 | *3701* | 14.8 | + 5 1 | 8.61 | *9.03* | F5 | 4 | 5,2 | 13401b |
| 85 | 4933 | 14.8 | −15 26 | 9.7 | *10.7* | Ko | 4 | .. | 24169b |
| 86 | 4817 | 14.8 | −16 22 | 11.2 | *11.2* | A | 2 | .. | 24169b |
| 87 | .. | 14.8 | −16 49 | .. | .. | Ao | 2 | .. | 24169b |
| 88 | 5145 | 14.8 | −17 42 | 9.7 | *9.5* | B | 2 | .. | 24169b |
| 89 | 5144 | 14.8 | −17 48 | 8.9 | *8.7* | B2 | 5 | .. | 24169b |
| 90 | 4967 | 14.8 | −19 15 | 10.6 | 10.8 | K | 2 | .. | 24169b |
| 91 | 14206 | 14.8 | −24 11 | 10.4 | 9.5 | Ao | 2 | .. | 40711b |
| 92 | 12742 | 14.8 | −27 52 | 9.7 | 9.1 | A2 | 3 | .. | 40326b |
| 93 | *15572* | 14.8 | −31 0 | 6.98 | 7.2 | B9 | .. | 0,8 | **56**,142 |
| 94 | 14051 | 14.8 | −32 14 | 7.07 | 7.5 | A3 | 7 | .. | 40724b |
| 95 | 12740 | 14.8 | −34 48 | 8.9 | 9.2 | Go | 3 | 0,3 | 40291b |
| 96 | 12234 | 14.8 | −47 14 | 8.0 | 9.3 | Ko | 7 | .. | 19962b |
| 97 | 757 | 14.9 | +74 19 | 7.84 | *9.02* | K5 | 2 | .. | 38095i |
| 98 | 3427 | 14.9 | +11 50 | 7.34 | 7.34 | Ao | 4 | .. | 37901b |
| 99 | 3473 | 14.9 | +10 14 | 8.17 | *8.73* | Go | 4 | .. | 14170b |
| 100 | 3702 | 14.9 | + 4 27 | 8.12 | *8.90* | G5 | 2 | .. | 37811i |



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1922AnHar..97....1C



## 168500 — 18h 14m.9

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. | H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | | | | m. | ° ′ | | | | | | |
| 1 | 3703 | 14.9 | + 4 19 | 8.3 | *8.4* | A2 | 3 | .. | 37811i | 51 | 5006 | 15.2 | −14 57 | 10.6 | *10.6* | B8 | 5 | .. | 24169b |
| 2 | 3674 | 14.9 | + 3 31 | 8.6 | *8.9* | Fo | 3 | .. | 37811i | 52 | 5149 | 15.2 | −17 11 | 8.7 | *8.5* | B3 | 8 | .. | 24169b |
| 3 | 3564 | 14.9 | + 2 39 | 9.0 | *9.0* | Ao | 3 | .. | 13401b | 53 | 4922 | 15.2 | −18 8 | 9.9 | *9.7* | B | 5 | .. | 24169b |
| 4 | 5005 | 14.9 | −14 0 | 9.2 | *9.0* | B | 2 | .. | 38079b | 54 | .. | 15.2 | −18 16 | .. | .. | Ao | 2 | .. | 24169b |
| 5 | 5004 | 14.9 | −14 11 | 9.9 | *10.2* | F2 | 1 | .. | 38079b | 55 | 4972 | 15.2 | −19 1 | 11.0 | 9.9 | B9 | 2 | .. | 24169b |
| 6 | 14838 | 14.9 | −29 10 | 9.5 | 11.1 | K2 | 1 | .. | 40326b | 56 | 5100 | 15.2 | −20 20 | 8.9 | 9.0 | G5 | 6 | .. | 24169b |
| 7 | 15431 | 14.9 | −31 16 | 9.7 | 9.4 | Ao | 3 | .. | 40724b | 57 | 4959 | 15.2 | −21 51 | 10.6 | 9.9 | B9 | 2 | .. | 40711b |
| 8 | 14054 | 14.9 | −32 18 | 9.2 | 8.7 | B8 | 4 | .. | 40724b | 58 | 12529 | 15.2 | −35 6 | 8.3 | 9.0 | K2 | 5 | .. | 40291b |
| 9 | 13113 | 14.9 | −33 34 | 7.9 | 9.3 | K5 | 4 | .. | 40724b | 59 | 12425 | 15.2 | −40 49 | 8.9 | 9.5 | Ko | 5 | .. | 21880b |
| 10 | 13111 | 14.9 | −33 41 | 9.3 | 9.0 | A | 3 | .. | 40724b | 60 | 13165 | 15.2 | −42 59 | 8.9 | 9.1 | K2 | 4 | .. | 40856b |
| 11 | 12501 | 14.9 | −36 57 | 9.7 | 9.2 | G5 | 3 | .. | 38804b | 61 | 12455 | 15.2 | −48 22 | 9.7 | 9.6 | Fo | 2 | .. | 19962b |
| 12 | 12422 | 14.9 | −40 9 | 10.3 | 10.0 | A5 | 3 | .. | 21880b | 62 | 9086 | 15.2 | −53 10 | *9.7* | 9.7 | Ao | 5 | .. | 39457b |
| 13 | 12695 | 14.9 | −41 4 | 10.8 | 10.4 | Ao | 2 | .. | 21880b | 63 | 9087 | 15.2 | −53 29 | 8.5 | 9.4 | G5 | 4 | .. | 39457b |
| 14 | 12238 | 14.9 | −47 32 | 9.0 | 9.6 | K2 | 4 | .. | 19962b | 64 | 2690 | 15.3 | +45 6 | 7.87 | *7.87* | Ao | 4 | .. | 37844i |
| 15 | 11518 | 14.9 | −51 33 | 9.5 | 10.4 | Ko | 3 | .. | 39457b | 65 | 4444 | 15.3 | − 4 54 | 9.00 | *9.78* | G5 | 3 | .. | 38110b |
| 16 | 11519 | 14.9 | −51 58 | 9.9 | 10.1 | F8 | 3 | .. | 39457b | 66 | 5014 | 15.3 | −12 47 | 9.2 | *9.2* | Ao | 2 | .. | 38079b |
| 17 | 2301 | 14.9 | −71 26 | *8.4* | 9.2 | G5 | 3 | 0,2 | 21336b | 67 | 4938 | 15.3 | −15 16 | 7.45 | *8.52* | K2 | 8 | .. | 24169b |
| 18 | 619 | 15.0 | +81 28 | 7.67 | *7.81* | A5 | 6 | .. | 37240i | 68 | 4937 | 15.3 | −15 21 | 10.6 | *10.6* | B9 | 2 | .. | 24169b |
| 19 | 4442 | 15.0 | − 4 7 | 9.4 | *9.4* | Ao | 1 | .. | 38110b | 69 | 4827 | 15.3 | −16 7 | 10.6 | *10.6* | B8 | 5 | .. | 24169b |
| 20 | 4820 | 15.0 | −16 13 | Neb. | Neb. | Pb | .. | R | **76,23** | 70 | .. | 15.3 | −16 38 | .. | .. | B9 | 2 | .. | 24169b |
| 21 | 4821 | 15.0 | −16 20 | 9.9 | *11.1* | K5 | 3 | *3,3* | 24213b | 71 | 5151 | 15.3 | −17 26 | 8.3 | *8.1* | B2 | 8 | .. | 24169b |
| 22 | 4969 | 15.0 | −19 58 | 9.03 | 9.0 | Ao | 6 | .. | 24169b | 72 | 4961 | 15.3 | −21 25 | 9.7 | 11.0 | K | 1 | .. | 40711b |
| 23 | 4684 | 15.0 | −22 58 | 10.8 | 9.3 | B8 | 3 | .. | 40711b | 73 | 4960 | 15.3 | −21 42 | 9.9 | 10.4 | F5 | 2 | .. | 40711b |
| 24 | 13040 | 15.0 | −25 36 | 10.4 | 9.1 | A2 | 2 | .. | 40711b | 74 | 14219 | 15.3 | −24 58 | 6.36 | 7.9 | Mb | 7 | .. | 40711b |
| 25 | 13068 | 15.0 | −26 8 | 6.69 | 7.1 | A3 | 9 | .. | 40711b | 75 | 13043 | 15.3 | −25 28 | 9.0 | 9.1 | Go | 3 | .. | 40711b |
| 26 | 12699 | 15.0 | −41 22 | 10.8 | 10.6 | Ao | 2 | .. | 21880b | 76 | 15582 | 15.3 | −30 8 | 8.32 | 9.3 | Ko | 4 | .. | 40326b |
| 27 | 13163 | 15.0 | −42 39 | 9.7 | 9.1 | A3 | 4 | .. | 40856b | 77 | 11083 | 15.3 | −52 6 | *10.0* | 11.2 | K5 | 1 | .. | 39457b |
| 28 | 12325 | 15.0 | −46 56 | 10.3 | 10.3 | Ao | 2 | .. | 19962b | 78 | *3072* | 15.4 | +34 0 | 9.1 | *10.1* | Ko | 1 | .. | 37828i |
| 29 | 9084 | 15.0 | −53 25 | *10.0* | 10.5 | F8 | 1 | .. | 39457b | 79 | 3638 | 15.4 | + 7 2 | 7.9 | *9.1* | K5 | 2 | .. | 9437b |
| 30 | 8639 | 15.0 | −55 28 | *9.4* | 10.6 | K5 | 1 | .. | 39457b | 80 | 3676 | 15.4 | + 3 34 | 10.0 | *10.1* | A2 | 2 | .. | 13401b |
| 31 | 8637 | 15.0 | −55 57 | 8.7 | 10.0 | Ko | 2 | .. | 39457b | 81 | 4744 | 15.4 | − 6 51 | 9.7 | *10.5* | G5 | 1 | .. | 40602b |
| 32 | 3381 | 15.1 | +24 24 | 5.49 | *6.67* | K5 | 9 | .. | 37806i | 82 | 4588 | 15.4 | − 8 56 | 9.4 | *10.0* | Go | 1 | .. | 40602b |
| 33 | 3303 | 15.1 | +23 23 | 8.0 | *8.0* | Ao | 4 | .. | 37806i | 83 | 4939 | 15.4 | −15 1 | 8.56 | *9.74* | K5 | 5 | .. | 24169b |
| 34 | 3476 | 15.1 | +12 49 | 9.1 | *9.1* | Ao | 3 | .. | 9437b | 84 | .. | 15.4 | −15 44 | .. | .. | G5 | 2 | .. | 24169b |
| 35 | 4600 | 15.1 | −11 19 | 9.7 | *10.3* | Go | 2 | .. | 40332b | 85 | 4828 | 15.4 | −16 3 | 9.7 | *9.7* | B8 | 5 | *3,5* | 24213b |
| 36 | 4934 | 15.1 | −15 7 | 10.1 | *10.1* | B8 | 5 | .. | 24169b | 86 | 4924 | 15.4 | −18 3 | 10.6 | *10.7* | A2 | 3 | .. | 24169b |
| 37 | 4935 | 15.1 | −15 30 | 10.6 | *10.6* | A | 3 | R | 24169b | 87 | 4686 | 15.4 | −22 51 | 10.6 | 9.9 | Ao | 2 | .. | 40711b |
| 38 | 4921 | 15.1 | −18 39 | 10.6 | *10.6* | B9 | 5 | .. | 24169b | 88 | 15441 | 15.4 | −31 37 | 9.7 | 9.0 | A2 | 5 | .. | 40724b |
| 39 | 4970 | 15.1 | −19 42 | 7.89 | 8.1 | Fo | 9 | .. | 24169b | 89 | 14064 | 15.4 | −32 5 | 8.6 | 8.5 | Ao | 5 | .. | 40724b |
| 40 | 4958 | 15.1 | −21 58 | 10.8 | 9.9 | Ao | 2 | .. | 40711b | 90 | 12477 | 15.4 | −37 49 | 8.6 | 8.0 | Ao | 5 | .. | 38804b |
| 41 | 12751 | 15.1 | −27 27 | 10.7 | 10.0 | A | 1 | .. | 40326b | 91 | 12730 | 15.4 | −38 36 | 7.9 | 8.6 | Ko | 5 | .. | 38804b |
| 42 | 14840 | 15.1 | −29 35 | 9.2 | 10.2 | K2 | 2 | .. | 40326b | 92 | 12729 | 15.4 | −38 43 | 5.14 | 6.4 | Ko | .. | .. | **56,142** |
| 43 | 12475 | 15.1 | −37 59 | 9.3 | 9.3 | F8 | 2 | .. | 38804b | 93 | 12244 | 15.4 | −47 36 | 10.1 | 10.4 | Ko | 1 | .. | 19962b |
| 44 | 12424 | 15.1 | −40 16 | 10.1 | *11.1* | Ko | 1 | .. | 21880b | 94 | 12093 | 15.4 | −49 59 | 10.1 | 10.1 | F5 | 2 | .. | 39457b |
| 45 | 12702 | 15.1 | −41 45 | 9.3 | 10.6 | Ko | 1 | .. | 21880b | 95 | 8850 | 15.4 | −54 52 | 8.56 | 9.1 | Go | 8 | .. | 39457b |
| 46 | 12327 | 15.1 | −46 49 | 9.7 | 9.8 | Go | 3 | .. | 19962b | 96 | 7260 | 15.4 | −59 40 | 7.56 | 6.9 | B9 | 8 | .. | 42469b |
| 47 | 11880 | 15.1 | −50 56 | 8.4 | 9.9 | K5 | 3 | .. | 39457b | 97 | 7033 | 15.4 | −60 11 | 8.7 | 9.2 | F5 | 4 | .. | 42469b |
| 48 | 7032 | 15.1 | −60 6 | *9.4* | 10.4 | Ko | 2 | .. | 42469b | 98 | 4401 | 15.4 | −63 16 | *8.4* | 9.5 | K2 | 1 | .. | 42484b |
| 49 | *3095* | 15.2 | +33 1 | 7.7 | *8.9* | K5 | 3 | .. | 37828i | 99 | 2884 | 15.4 | −69 34 | *7.9* | 8.9 | Ko | 4 | .. | 41598b |
| 50 | 3234 | 15.2 | +29 33 | 9.2 | *9.3* | A2 | 2 | .. | 38456i | 100 | 985 | 15.5 | +70 47 | 7.06 | *7.14* | A3 | 7 | .. | 38095i |



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## 168600 — $18^h\ 15^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 2064 | 15.5 | +53 43 | 8.1 | *8.6* | F8 | 2 | .. | 38559i |
| 2 | 3050 | 15.5 | +42 32 | 8.5 | *8.5* | Ao | 3 | .. | 37844i |
| 3 | 3073 | 15.5 | +33 11 | 8.0 | *9.0* | Ko | 1 | .. | 37828i |
| 4 | 3334 | 15.5 | +22 55 | 8.8 | *8.8* | Ao | 2 | .. | 37806i |
| 5 | 3594 | 15.5 | +19 8 | 7.7 | *7.7* | Aop | 4 | *1*,4R | 20915i |
| 6 | 3701 | 15.5 | + 6 30 | 8.0 | *8.0* | Ao | 3 | .. | 37811i |
| 7 | 4829 | 15.5 | −16 25 | 8.9 | *8.7* | B | 2 | R | 40332b |
| 8 | 4926 | 15.5 | −18 54 | var. | var. | F5p | 7 | R | 43327b |
| 9 | 4973 | 15.5 | −19 40 | 10.3 | 11.4 | Ko | 2 | .. | 24169b |
| 10 | 4687 | 15.5 | −22 22 | 11.0 | 9.9 | Ao | 2 | .. | 40711b |
| 11 | 14220 | 15.5 | −24 1 | 9.3 | 9.1 | Ao | 4 | .. | 40711b |
| 12 | 12509 | 15.5 | −36 33 | 9.5 | 9.2 | A3 | 3 | .. | 38804b |
| 13 | 13169 | 15.5 | −42 8 | 9.3 | 10.3 | F8 | 3 | .. | 21880b |
| 14 | 12482 | 15.5 | −43 12 | 9.9 | 9.6 | Ao | 2 | .. | 40856b |
| 15 | 12484 | 15.5 | −43 31 | 11.6 | 10.1 | G5 | 4 | .. | 21880b |
| 16 | 12483 | 15.5 | −43 56 | 9.9 | 10.1 | G5 | 2 | .. | 40856b |
| 17 | 7382 | 15.5 | −58 35 | 8.2 | 10.0 | K5 | 1 | .. | 42469b |
| 18 | 1256 | 15.6 | +64 2 | 8.2 | *8.3* | A2 | 4 | .. | 38505i |
| 19 | 2459 | 15.6 | +46 23 | 7.04 | *7.82* | G5 | 5 | .. | 37844i |
| 20 | 3075 | 15.6 | +37 36 | 8.0 | *8.0* | Ao | 3 | .. | 37828i |
| 21 | 3178 | 15.6 | +34 5 | 8.1 | *8.6* | F8 | 2 | .. | 37828i |
| 22 | 3000 | 15.6 | +27 28 | 8.2 | *9.2* | Ko | 3 | .. | 37806i |
| 23 | 3465 | 15.6 | − 0 28 | 8.4 | *8.5* | A2 | 7 | .. | 13401b |
| 24 | 4947 | 15.6 | −13 50 | 9.1 | *9.1* | Ao | 4 | .. | 38079b |
| 25 | 4830 | 15.6 | −16 25 | 9.2 | *9.0* | B | 2 | R | 40332b |
| 26 | 5152 | 15.6 | −17 42 | 11.2 | *11.2* | B8 | 3 | .. | 24169b |
| 27 | 4927 | 15.6 | −18 35 | 10.6 | *10.7* | A2 | 4 | .. | 24169b |
| 28 | 4974 | 15.6 | −19 19 | 8.5 | 8.2 | F8 | 7 | .. | 24169b |
| 29 | 14276 | 15.6 | −23 28 | 10.4 | 10.1 | A | 2 | .. | 40711b |
| 30 | 13131 | 15.6 | −33 33 | 9.3 | 9.1 | Ao | 4 | .. | 40724b |
| 31 | 12522 | 15.6 | −39 14 | 9.3 | 9.7 | F8 | 3 | .. | 21880b |
| 32 | 12520 | 15.6 | −39 38 | 9.9 | 8.8 | B9 | 6 | .. | 21880b |
| 33 | 12715 | 15.6 | −41 13 | 8.9 | 8.6 | B8 | 7 | .. | 21880b |
| 34 | 13173 | 15.6 | −42 38 | 8.5 | 9.4 | K2 | 3 | .. | 40856b |
| 35 | 12097 | 15.6 | −49 59 | 9.54 | 10.7 | Ko | 1 | .. | 39457b |
| 36 | 1240 | 15.6 | −76 45 | *8.7* | 9.1 | F5 | 3 | .. | 19008b |
| 37 | 2049 | 15.7 | +55 25 | 8.06 | *8.12* | A2 | 4 | .. | 38015i |
| 38 | 3380 | 15.7 | +39 13 | 7.92 | *8.99* | K2 | 1 | .. | 38500i |
| 39 | 4603 | 15.7 | −11 39 | 9.9 | *9.9* | B9 | 2 | .. | 40332b |
| 40 | 4949 | 15.7 | −13 9 | 9.2 | *9.7* | F8 | 1 | .. | 38079i |
| 41 | 4833 | 15.7 | −16 56 | 10.3 | *11.4* | K2 | 2 | .. | 24169b |
| 42 | 4928 | 15.7 | −18 28 | 9.4 | *10.4* | Ko | 4 | .. | 24169b |
| 43 | R | 15.7 | −19 4 | *10.8* | 10.8 | Ao | 2 | .. | 24169b |
| 44 | R | 15.7 | −19 12 | *10.5* | 10.5 | B9 | 3 | .. | 24169b |
| 45 | 5104 | 15.7 | −20 6 | 9.43 | 9.9 | F5 | 4 | .. | 24169b |
| 46 | 14495 | 15.7 | −28 29 | 6.07 | 6.8 | A2 | 9 | .. | 40326b |
| 47 | 14067 | 15.7 | −32 16 | 10.3 | 10.1 | B9 | 2 | .. | 40724b |
| 48 | 12513 | 15.7 | −36 6 | 9.9 | 10.0 | K5 | 1 | .. | 38804b |
| 49 | 12549 | 15.7 | −44 6 | 11.0 | 10.6 | Ao | 2 | .. | 21880b |
| 50 | 12246 | 15.7 | −47 55 | 10.1 | 9.8 | Ao | 2 | .. | 19962b |
| 51 | 12462 | 15.7 | −48 24 | 7.4 | 7.7 | A5 | 10 | .. | 19962b |
| 52 | 2305 | 15.7 | −71 57 | *9.1* | 9.2 | A2 | 4 | *2*,2 | 21336b |
| 53 | 984 | 15.8 | +68 43 | 6.11 | *7.11* | Ko | 8 | .. | 38095i |
| 54 | 3340 | 15.8 | +40 52 | 7.98 | *8.54* | Go | 3 | .. | 38500i |
| 55 | 3479 | 15.8 | +10 4 | 7.92 | *9.10* | K5 | 2 | .. | 14170b |
| 56 | 3680 | 15.8 | + 3 20 | 4.92 | *5.70* | G5 | .. | 5,10 | 56,95 |
| 57 | 3679 | 15.8 | + 3 6 | 8.7 | *9.9* | K5 | 3 | .. | 13401b |
| 58 | 5016 | 15.8 | −12 31 | 9.7 | *9.7* | B8 | 2 | .. | 38079b |
| 59 | 4941 | 15.8 | −15 5 | 10.6 | *10.6* | A | 4 | R | 24169b |
| 60 | | 15.8 | −15 5 | | | A | | | |
| 61 | *4930* | 15.8 | −17 59 | 10.6 | *10.6* | Ao | 4 | .. | 24169b |
| 62 | 4929 | 15.8 | −18 12 | 10.6 | *11.1* | F8 | 4 | .. | 24169b |
| 63 | 4931 | 15.8 | −18 34 | 9.7 | *10.0* | Fo | 6 | .. | 24169b |
| 64 | 4975 | 15.8 | −19 35 | 10.6 | 11.0 | K2 | 2 | .. | 24169b |
| 65 | 4976 | 15.8 | −19 43 | 10.1 | 10.5 | Fo | 4 | .. | 24169b |
| 66 | 12524 | 15.8 | −39 35 | 8.6 | 10.3 | K2 | 3 | .. | 21880b |
| 67 | 12434 | 15.8 | −40 0 | 10.3 | 10.6 | F8 | 2 | .. | 21880b |
| 68 | 12442 | 15.8 | −45 33 | 9.3 | 9.0 | B9 | 6 | .. | 19962b |
| 69 | 3339 | 15.8 | −66 43 | *8.7* | 9.8 | K2 | 1 | .. | 41598b |
| 70 | 3305 | 15.9 | +23 37 | 9.1 | *9.2* | A2 | 2 | .. | 37806i |
| 71 | 4597 | 15.9 | − 2 24 | 8.3 | *8.3* | Ao | 5 | .. | 38110b |
| 72 | 4596 | 15.9 | − 2 49 | 8.7 | *9.3* | Go | 3 | .. | 38110b |
| 73 | 5155 | 15.9 | −17 19 | 9.4 | *9.4* | B8p | 4 | R | 24169b |
| 74 | 5156 | 15.9 | −17 42 | 10.6 | *10.4* | B | 4 | .. | 24169b |
| 75 | 5154 | 15.9 | −17 57 | 9.4 | *9.3* | B5 | 5 | .. | 24169b |
| 76 | 4933 | 15.9 | −18 6 | 10.6 | *11.8* | K5 | 2 | .. | 24169b |
| 77 | R | 15.9 | −19 25 | *11.0* | 11.0 | Ao | 3 | .. | 24169b |
| 78 | 4692 | 15.9 | −22 4 | 8.6 | 8.1 | A3 | 6 | .. | 40711b |
| 79 | 14284 | 15.9 | −23 19 | 9.2 | 9.6 | A | 3 | .. | 40711b |
| 80 | 13053 | 15.9 | −25 25 | 9.3 | 8.5 | B8 | 5 | .. | 40711b |
| 81 | 12766 | 15.9 | −27 22 | 10.2 | 10.0 | Go | 1 | .. | 40326b |
| 82 | 14502 | 15.9 | −28 58 | 9.7 | 9.4 | B9 | 3 | .. | 40326b |
| 83 | 15447 | 15.9 | −31 58 | 9.7 | 9.8 | Ao | 2 | .. | 40724b |
| 84 | 14068 | 15.9 | −32 15 | 9.3 | 10.2 | Mb | 1 | .. | 40724b |
| 85 | 12737 | 15.9 | −38 4 | 10.3 | 10.0 | Ao | 2 | .. | 38804b |
| 86 | 12433 | 15.9 | −40 38 | 9.9 | *11.3* | Ma | 1 | .. | 21880b |
| 87 | 12720 | 15.9 | −41 55 | 9.3 | 10.3 | F5 | 2 | R | 21880b |
| 88 | 12487 | 15.9 | −43 11 | 9.2 | 9.0 | Ao | 6 | .. | 40856b |
| 89 | 11528 | 15.9 | −51 47 | 10.3 | 9.8 | A2 | 4 | .. | 39457b |
| 90 | 5853 | 15.9 | −62 34 | *8.0* | 8.3 | F2 | 5 | .. | 42484b |
| 91 | 3111 | 15.9 | −68 4 | *8.7* | 8.8 | A2 | 3 | .. | 41442b |
| 92 | 2306 | 15.9 | −71 11 | *9.3* | 10.3 | Ko | 1 | .. | 21336b |
| 93 | 3239 | 16.0 | +31 6 | 8.0 | *8.0* | Ao | 3 | .. | 37828i |
| 94 | 3236 | 16.0 | +29 37 | 6.14 | *7.14* | Ko | 5 | .. | 37828i |
| 95 | 3493 | 16.0 | +25 29 | 8.2 | *8.2* | Ao | 3 | .. | 37806i |
| 96 | 3388 | 16.0 | +21 2 | 7.6 | *7.6* | B9 | 6 | .. | 37806i |
| 97 | 3432 | 16.0 | +15 23 | 8.0 | *8.3* | F2 | 2 | .. | 37901i |
| 98 | *3653* | 16.0 | + 9 0 | 8.3 | *9.3* | Ko | 3 | .. | 9437b |
| 99 | 3702 | 16.0 | + 5 53 | 8.7 | *9.7* | Ko | 3 | .. | 13401b |
| 100 | 4942 | 16.0 | −15 42 | 9.9 | *11.0* | K2 | 3 | .. | 24169b |



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1922AnHar..97....1C



**168700** **$18^h\ 16^m.0$**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4836 | 16.0 | −16 22 | 7.9 | *8.9* | Ko | 7 | R | 24169b |
| 2 | | 16.0 | −16 22 | | | A | | | |
| 3 | *5157* | 16.0 | −16 59 | 10.1 | *11.2* | K2 | 4 | .. | 24169b |
| 4 | .. | 16.0 | −17 20 | .. | .. | Ao | 3 | R | 24169b |
| 5 | 4963 | 16.0 | −21 8 | 9.7 | 9.4 | Fo | 3 | 2,3 | 40711b |
| 6 | 4962 | 16.0 | −21 45 | 10.1 | 10.2 | Go | 2 | .. | 40711b |
| 7 | 4694 | 16.0 | −22 20 | 7.9 | 7.5 | Ao | 8 | .. | 40711b |
| 8 | 4693 | 16.0 | −22 59 | 7.06 | 7.0 | B8 | 7 | .. | 40711b |
| 9 | 14244 | 16.0 | −24 57 | 8.88 | 8.5 | B8 | 5 | .. | 40711b |
| 10 | 13054 | 16.0 | −25 17 | var. | var. | A2 | 6 | R | 40711b |
| 11 | 14505 | 16.0 | −28 14 | 8.7 | 8.5 | A2 | 4 | .. | 40326b |
| 12 | 11530 | 16.0 | −51 42 | 11.0 | 10.1 | Fo | 2 | .. | 39457b |
| 13 | 8857 | 16.0 | −54 36 | *9.2* | 10.0 | G5 | 3 | .. | 39457b |
| 14 | 8647 | 16.0 | −55 5 | 9.11 | 9.2 | G5 | 5 | .. | 39457b |
| 15 | 8649 | 16.0 | −55 16 | *9.7* | 10.5 | G5 | 1 | .. | 39457b |
| 16 | 3689 | 16.0 | −65 54 | *8.9* | 9.9 | Ko | 1 | .. | 41598b |
| 17 | 1906 | 16.0 | −73 36 | *7.9* | 8.9 | Ko | 6 | .. | 21336b |
| 18 | *1094* | 16.1 | +67 0 | 8.8 | *10.0* | K5 | 1 | .. | 37907i |
| 19 | 1258 | 16.1 | +64 30 | 8.3 | *9.4* | K2 | 1 | .. | 38505i |
| 20 | 3390 | 16.1 | +21 55 | 4.98 | *6.16* | K5 | .. | o,10 | **56**,95 |
| 21 | 3573 | 16.1 | + 2 5 | 9.2 | *10.0* | G5 | 2 | .. | 13401b |
| 22 | 3466 | 16.1 | − 0 49 | 8.9 | *8.9* | Ao | 3 | .. | 13401b |
| 23 | 4599 | 16.1 | − 2 55 | 3.42 | *4.42* | Ko | .. | R | 2030c |
| 24 | 4698 | 16.1 | − 9 15 | 8.8 | *9.4* | Go | 3 | .. | 40602b |
| 25 | 4943 | 16.1 | −15 16 | 10.1 | *11.5* | Ma | 2 | .. | 24169b |
| 26 | 4837 | 16.1 | −16 39 | 9.7 | *9.6* | B5 | 5 | .. | 24169b |
| 27 | .. | 16.1 | −16 46 | .. | .. | Ao | 5 | .. | 24169b |
| 28 | .. | 16.1 | −17 13 | .. | .. | B8 | 2 | .. | 24169b |
| 29 | 4934 | 16.1 | −18 53 | 10.6 | *10.6* | Ao | 3 | .. | 24169b |
| 30 | 4964 | 16.1 | −21 25 | 10.3 | 10.4 | Ao | 2 | .. | 40711b |
| 31 | 4695 | 16.1 | −22 17 | 7.9 | 8.4 | Ko | 4 | .. | 40711b |
| 32 | 15598 | 16.1 | −30 56 | 10.0 | 9.8 | Ao | 1 | .. | 40291b |
| 33 | 12524 | 16.1 | −36 44 | 5.39 | 5.6 | B8 | .. | .. | **28**,213 |
| 34 | 12435 | 16.1 | −40 13 | 9.3 | 10.6 | Go | 3 | .. | 21880b |
| 35 | 12492 | 16.1 | −43 16 | 10.3 | 10.4 | G5 | 2 | .. | 21880b |
| 36 | 11086 | 16.1 | −52 26 | *9.7* | 10.7 | Ko | 3 | .. | 39457b |
| 37 | 8858 | 16.1 | −54 25 | *9.5* | 10.9 | Mb | 1 | .. | 39457b |
| 38 | 8650 | 16.1 | −55 28 | *9.6* | 10.6 | Ko | 1 | .. | 39457b |
| 39 | 8652 | 16.1 | −55 38 | 8.9 | 10.0 | K2 | 3 | .. | 39457b |
| 40 | 4406 | 16.1 | −63 5 | 6.36 | 6.5 | A2 | 7 | .. | 36305b |
| 41 | 2886 | 16.1 | −69 26 | *7.9* | 7.9 | Ao | 7 | .. | 41598b |
| 42 | 3237 | 16.2 | +29 24 | 8.2 | *8.2* | Ao | 2 | .. | 37828i |
| 43 | 3741 | 16.2 | +20 53 | 8.6 | *8.6* | Ao | 3 | .. | 37806i |
| 44 | 4272 | 16.2 | − 3 9 | 8.1 | *8.9* | G5 | 6 | .. | 38110b |
| 45 | 4605 | 16.2 | −11 41 | 9.7 | *9.7* | Ao | 2 | R | 40332b |
| 46 | 4606 | 16.2 | −11 58 | 7.9 | *8.7* | G5 | 2 | .. | 44013b |
| 47 | 4944 | 16.2 | −15 18 | 10.6 | *10.6* | B8 | 3 | .. | 24169b |
| 48 | 5158 | 16.2 | −17 9 | 10.6 | *10.5* | B5 | 2 | .. | 24169b |
| 49 | 14247 | 16.2 | −24 11 | 9.5 | 10.2 | G5 | 1 | .. | 40711b |
| 50 | 13081 | 16.2 | −26 27 | 8.7 | 8.0 | B | 6 | .. | 40326b |
| 51 | 13082 | 16.2 | −26 57 | 9.0 | 8.5 | Ao | 5 | .. | 40326b |
| 52 | 12740 | 16.2 | −38 1 | 10.3 | 9.7 | A3 | 2 | .. | 38804b |
| 53 | 12532 | 16.2 | −39 47 | 8.3 | 8.2 | B9 | 8 | .. | 21880b |
| 54 | 13185 | 16.2 | −42 28 | 8.4 | 7.6 | A5 | 8 | .. | 40856b |
| 55 | 13180 | 16.2 | −42 49 | 8.6 | 8.2 | F5 | 6 | .. | 40856b |
| 56 | 12494 | 16.2 | −43 44 | 10.3 | 11.4 | G5 | 2 | .. | 21880b |
| 57 | 12339 | 16.2 | −46 1 | 9.7 | 10.4 | K5 | 1 | .. | 19962b |
| 58 | 12340 | 16.2 | −46 7 | 9.1 | 10.1 | K5 | 2 | .. | 19962b |
| 59 | 6143 | 16.2 | −61 4 | 8.2 | 9.6 | K2 | 2 | .. | 42484b |
| 60 | 1857 | 16.3 | +57 51 | 7.56 | *8.56* | Ko | 1 | .. | 38505i |
| 61 | 3654 | 16.3 | + 8 35 | 7.8 | *7.8* | Ao | 7 | .. | 9437b |
| 62 | 3575 | 16.3 | + 2 56 | 9.2 | 9.3 | A2 | 5 | .. | 13401b |
| 63 | 4607 | 16.3 | −11 43 | 9.7 | *10.2* | F8 | 1 | .. | 40332b |
| 64 | 4951 | 16.3 | −13 21 | 11.2 | *11.2* | B9 | 1 | .. | 38079b |
| 65 | 5159 | 16.3 | −17 28 | 9.9 | *9.8* | B5 | 5 | .. | 24169b |
| 66 | 5161 | 16.3 | −17 43 | 10.3 | *10.3* | Ao | 5 | .. | 24169b |
| 67 | 13084 | 16.3 | −26 57 | 8.7 | 8.6 | Ao | 6 | .. | 40326b |
| 68 | 14077 | 16.3 | −32 54 | 8.3 | 8.8 | K5 | 3 | .. | 40724b |
| 69 | 12536 | 16.3 | −39 34 | 9.9 | 10.0 | Ko | 4 | .. | 21880b |
| 70 | 13186 | 16.3 | −42 57 | 8.6 | 8.6 | Ko | 5 | .. | 40856b |
| 71 | 12559 | 16.3 | −44 9 | 11.6 | 10.7 | G5 | 1 | .. | 21880b |
| 72 | 12249 | 16.3 | −47 35 | 11.0 | 10.6 | Fo | 2 | .. | 19962b |
| 73 | 2549 | 16.3 | −70 37 | *9.6* | 9.7 | A3 | 2 | .. | 21336b |
| 74 | 2676 | 16.4 | +48 32 | 7.60 | *8.02* | F5 | 3 | .. | 38559i |
| 75 | 3094 | 16.4 | +36 1 | 4.34 | *5.34* | Ko | .. | o,R | **56**,95 |
| 76 | 3387 | 16.4 | +24 14 | 9.2 | *9.2* | A | 3 | .. | 37806i |
| 77 | 3392 | 16.4 | +21 13 | 9.3 | *9.3* | Ao | 2 | .. | 37806i |
| 78 | 3704 | 16.4 | + 6 46 | 8.1 | *9.2* | K2 | 4 | .. | 9437b |
| 79 | 3576 | 16.4 | + 2 49 | 9.2 | *9.3* | A3 | 3 | .. | 13401b |
| 80 | 3475 | 16.4 | − 1 34 | 9.0 | *9.8* | G5 | 2 | .. | 24025b |
| 81 | 4602 | 16.4 | − 2 4 | 9.4 | *10.0* | Go | 2 | .. | 24025b |
| 82 | 4273 | 16.4 | − 3 55 | 8.1 | *8.5* | F5 | 6 | .. | 38110b |
| 83 | 4636 | 16.4 | − 5 47 | 9.4 | *9.5* | A2 | 2 | .. | 38110b |
| 84 | R | 16.4 | −18 58 | .. | .. | Ao | 2 | .. | 24169b |
| 85 | 15604 | 16.4 | −30 11 | 8.5 | 8.5 | B | 6 | R | 40326b |
| 86 | 13190 | 16.4 | −42 22 | 7.6 | 7.6 | Ko | 8 | .. | 40856b |
| 87 | 12496 | 16.4 | −43 53 | 9.7 | 10.6 | F2 | 4 | .. | 21880b |
| 88 | 12446 | 16.4 | −45 11 | 8.4 | 9.7 | G5 | 4 | .. | 19962b |
| 89 | 12342 | 16.4 | −46 51 | 9.3 | 10.6 | Ko | 2 | .. | 19962b |
| 90 | 12250 | 16.4 | −47 57 | 9.2 | 10.9 | Ko | 2 | .. | 19962b |
| 91 | 8658 | 16.4 | −55 1 | 7.46 | 9.2 | K2 | 6 | .. | 39457b |
| 92 | 9019 | 16.4 | −57 24 | 8.6 | 9.2 | A2 | 4 | .. | 42469b |
| 93 | 2948 | 16.5 | +43 49 | 8.5 | *8.8* | F2 | 2 | .. | 37844i |
| 94 | 3383 | 16.5 | +39 3 | 7.96 | *7.96* | Ao | 5 | .. | 38500i |
| 95 | 3337 | 16.5 | +22 45 | 6.69 | *6.67* | B9 | 8 | .. | 37806i |
| 96 | 3612 | 16.5 | +13 46 | 7.7 | *7.7* | Ao | 3 | .. | 37901i |
| 97 | 3704 | 16.5 | + 5 24 | 6.04 | *5.92* | B5 | 10 | .. | 37811i |
| 98 | 4839 | 16.5 | −16 56 | 9.7 | *9.7* | B8 | 6 | R | 24169b |
| 99 | 4966 | 16.5 | −21 25 | 9.4 | 9.4 | K2 | 2 | .. | 40711b |
| 100 | 12745 | 16.5 | −38 47 | 9.3 | 9.1 | Ko | 4 | .. | 21880b |



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1922AnHar..97....1C



## 168800 — $18^h\ 16^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12498 | 16.5 | −43 16 | 11.6 | 10.9 | B9 | 2 | .. | 21880b |
| 2 | 12447 | 16.5 | −45 1 | 8.76 | 9.1 | Fo | 5 | .. | 19962b |
| 3 | 12344 | 16.5 | −46 12 | 10.3 | 10.6 | G5 | 2 | .. | 19962b |
| 4 | 12102 | 16.5 | −49 54 | 8.24 | 8.7 | Ao | 6 | .. | 19962b |
| 5 | 11539 | 16.5 | −51 52 | 7.6 | 7.5 | A5 | 9 | .. | 39457b |
| 6 | 11540 | 16.5 | −51 57 | 11.0 | 10.4 | F8 | 2 | .. | 39457b |
| 7 | 8862 | 16.5 | −54 22 | *9.9* | 10.5 | Go | 2 | .. | 39457b |
| 8 | 8660 | 16.5 | −55 8 | 8.96 | 9.2 | F5 | 6 | .. | 39457b |
| 9 | 7036 | 16.5 | −60 9 | 8.40 | 10.1 | K2 | 3 | .. | 42469b |
| 10 | 6145 | 16.5 | −61 0 | 9.0 | 9.6 | A2 | 2 | .. | 42484b |
| 11 | 3385 | 16.6 | +39 33 | 8.47 | *9.65* | K5 | 1 | .. | 38500i |
| 12 | 2980 | 16.6 | +28 56 | 6.54 | *6.49* | B8 | .. | 1,7 | **56**,95 |
| 13 | 4952 | 16.6 | −13 2 | 9.2 | *10.2* | Ko | 1 | .. | 38079b |
| 14 | 5013 | 16.6 | −14 26 | 7.26 | *7.26* | Aop | 3 | 0,8 R | 44013b |
| 15 | 4946 | 16.6 | −15 8 | 7.35 | *7.77* | F5 | 2 | *5,7* | 44013b |
| 16 | 4840 | 16.6 | −16 7 | 9.4 | *10.4* | Ko | 3 | .. | 24169b |
| 17 | 5162 | 16.6 | −17 35 | 9.7 | *10.9* | K5 | 3 | .. | 24169b |
| 18 | 14299 | 16.6 | −23 29 | 10.4 | 10.4 | Ao | 2 | .. | 40711b |
| 19 | 12541 | 16.6 | −39 37 | 8.9 | 8.8 | F5 | 6 | .. | 21880b |
| 20 | 13192 | 16.6 | −42 8 | 9.1 | 9.7 | G5 | 3 | .. | 21880b |
| 21 | 12448 | 16.6 | −45 11 | 8.1 | 9.2 | Ko | 4 | .. | 19962b |
| 22 | 12474 | 16.6 | −48 46 | 9.0 | 9.8 | K2 | 2 | .. | 19962b |
| 23 | 11894 | 16.6 | −50 13 | 10.6 | 10.1 | A2 | 3 | .. | 39457b |
| 24 | 11541 | 16.6 | −51 4 | 11.0 | 10.7 | A2 | 2 | .. | 39457b |
| 25 | 11087 | 16.6 | −52 9 | 7.7 | 8.3 | Ko | 6 | .. | 39457b |
| 26 | 1970 | 16.7 | +54 33 | 8.5 | *8.6* | A2 | 3 | .. | 38015i |
| 27 | 3028 | 16.7 | +41 57 | 8.3 | *9.3* | Ko | 3 | *5,3* | 38500i |
| 28 | 3078 | 16.7 | +33 45 | 8.0 | *8.0* | Ao | 3 | .. | 37828i |
| 29 | .. | 16.7 | +31 41 | var. | var. | Md | .. | R | M |
| 30 | 3394 | 16.7 | +21 58 | 9.1 | *9.1* | A | 2 | .. | 37806i |
| 31 | 3605 | 16.7 | +19 52 | 8.45 | *8.45* | Ao | 3 | .. | 37806i |
| 32 | 3655 | 16.7 | + 1 4 | 8.89 | *9.03* | A5 | 5 | .. | 13401b |
| 33 | 4841 | 16.7 | −16 36 | 9.9 | *9.9* | B8 | 5 | R | 24169b |
| 34 | 5163 | 16.7 | −17 21 | 9.4 | *9.4* | B8 | 7 | .. | 24169b |
| 35 | 4935 | 16.7 | −18 22 | 11.0 | *11.0* | B8 | 3 | .. | 24169b |
| 36 | 13066 | 16.7 | −25 27 | 9.5 | 9.4 | G5 | 3 | .. | 40711b |
| 37 | 12769 | 16.7 | −34 19 | 10.6 | 9.8 | Ao | 2 | .. | 40291b |
| 38 | 12537 | 16.7 | −36 18 | 5.61 | 6.9 | Ko | .. | 0,10 | **28**,213 |
| 39 | 12749 | 16.7 | −38 55 | 7.5 | 7.6 | Ko | .. | 0,9 | **56**,142 |
| 40 | 12443 | 16.7 | −40 31 | 8.6 | 8.8 | Ao | 6 | .. | 21880b |
| 41 | 13197 | 16.7 | −42 28 | 8.4 | 7.6 | F8 | 7 | .. | 40856b |
| 42 | 12347 | 16.7 | −46 3 | 10.6 | 10.6 | Ao | 2 | .. | 19962b |
| 43 | 12475 | 16.7 | −48 3 | 9.2 | 9.5 | F8 | 4 | .. | 19962b |
| 44 | 11542 | 16.7 | −51 16 | 11.6 | 10.4 | A2 | 3 | .. | 39457b |
| 45 | 11088 | 16.7 | −52 59 | *9.9* | 10.4 | F8 | 1 | .. | 39457b |
| 46 | 9102 | 16.7 | −53 15 | *10.0* | 10.1 | A3 | 2 | .. | 39457b |
| 47 | 9101 | 16.7 | −53 55 | 9.0 | 9.7 | Ko | 4 | .. | 39457b |
| 48 | 8865 | 16.7 | −54 54 | *9.8* | 10.3 | F8 | 2 | .. | 39457b |
| 49 | 9022 | 16.7 | −57 9 | 7.01 | 7.7 | F5 | .. | 0,8 | **56**,142 |
| 50 | 2878 | 16.8 | +44 50 | 8.1 | *8.5* | F5 | 2 | .. | 37844i |
| 51 | 3242 | 16.8 | +31 1 | 8.0 | *8.0* | Ao | 4 | .. | 37828i |
| 52 | 3745 | 16.8 | +20 53 | 7.38 | *7.36* | B9 | 6 | .. | 37806i |
| 53 | 3705 | 16.8 | + 5 18 | 10.0 | *10.0* | Ao | 2 | .. | 13401b |
| 54 | 3467 | 16.8 | − 0 5 | 9.2 | *9.2* | Ao | 3 | .. | 13401b |
| 55 | 4641 | 16.8 | − 5 20 | 9.4 | *10.0* | Go | 1 | .. | 38110b |
| 56 | 4589 | 16.8 | − 7 32 | 6.91 | *6.89* | B9 | 10 | .. | 40602b |
| 57 | 4845 | 16.8 | −16 4 | 10.3 | *10.3* | Ao | 3 | .. | 24169b |
| 58 | 4843 | 16.8 | −16 15 | 10.8 | *12.0* | K5 | 2 | .. | 24169b |
| 59 | 4844 | 16.8 | −16 22 | 10.8 | *10.8* | B9 | 3 | .. | 24169b |
| 60 | 4842 | 16.8 | −16 39 | 10.6 | *11.6* | Ko | 2 | .. | 24169b |
| 61 | .. | 16.8 | −17 2 | .. | .. | A | 2 | .. | 24169b |
| 62 | 5164 | 16.8 | −17 28 | 10.1 | *10.1* | B9 | 4 | .. | 24169b |
| 63 | 4937 | 16.8 | −18 3 | 10.3 | *11.3* | K | 2 | R | 24169b |
| 64 | 4936 | 16.8 | −18 5 | 10.6 | *10.6* | Ao | 5 | .. | 24169b |
| 65 | 4969 | 16.8 | −21 38 | 8.7 | 9.0 | Go | 3 | .. | 40711b |
| 66 | 15464 | 16.8 | −31 27 | 9.5 | 9.8 | Ao | 3 | *1,3* | 40291b |
| 67 | 12545 | 16.8 | −39 55 | 10.1 | 9.4 | F5 | 5 | .. | 21880b |
| 68 | 12445 | 16.8 | −40 16 | 9.3 | 9.7 | F8 | 4 | .. | 21880b |
| 69 | 12732 | 16.8 | −41 17 | 8.6 | 10.3 | Ma | 1 | .. | 21880b |
| 70 | *12256* | 16.8 | −46 59 | 9.9 | 10.6 | Go | 3 | .. | 19962b |
| 71 | 12105 | 16.8 | −49 42 | 6.62 | 7.0 | F8 | .. | .. | **28**,213 |
| 72 | 3344 | 16.8 | −66 16 | *8.5* | 9.5 | Ko | 1 | .. | 41598b |
| 73 | 2309 | 16.8 | −71 50 | *7.8* | 8.8 | Ko | 5 | 0,3 | 21336b |
| 74 | 3003 | 16.9 | +27 29 | 7.13 | *7.91* | G5 | 7 | .. | 37806i |
| 75 | 3615 | 16.9 | +13 16 | 8.3 | *8.3* | Ao | 4 | R | 9437b |
| 76 | 3652 | 16.9 | + 7 21 | 8.7 | *9.7* | Ko | 2 | .. | 9437b |
| 77 | .. | 16.9 | −17 4 | .. | .. | A | 3 | .. | 24169b |
| 78 | 4938 | 16.9 | −18 46 | 9.7 | *9.7* | Ao | 6 | .. | 24169b |
| 79 | 4980 | 16.9 | −19 13 | 9.4 | 10.4 | Ko | 4 | .. | 24169b |
| 80 | 14520 | 16.9 | −28 27 | 8.7 | 9.5 | K2 | 2 | .. | 40326b |
| 81 | 14087 | 16.9 | −32 6 | 9.3 | 9.6 | Ao | 2 | .. | 40724b |
| 82 | 12551 | 16.9 | −35 5 | 10.6 | 9.2 | Fo | 3 | .. | 40291b |
| 83 | 12497 | 16.9 | −37 52 | 9.9 | 9.0 | Ao | 3 | .. | 38804b |
| 84 | 12550 | 16.9 | −39 3 | 9.3 | 8.6 | Ao | 6 | .. | 21880b |
| 85 | 12477 | 16.9 | −48 9 | 10.6 | 9.8 | A2 | 3 | .. | 19962b |
| 86 | 12478 | 16.9 | −48 47 | 9.2 | 8.9 | Ao | 4 | .. | 19962b |
| 87 | 11543 | 16.9 | −51 8 | 10.1 | 9.8 | A2 | 4 | .. | 39457b |
| 88 | 1173 | 16.9 | −78 17 | *9.1* | 9.7 | Go | 2 | .. | 19008b |
| 89 | 1859 | 17.0 | +57 58 | 7.7 | *8.7* | Ko | 2 | .. | 38015i |
| 90 | 3923 | 17.0 | + 0 7 | 7.98 | *9.16* | K5 | 4 | .. | 13401b |
| 91 | 4642 | 17.0 | − 5 15 | 9.4 | *9.5* | A5 | 2 | .. | 38110b |
| 92 | 4670 | 17.0 | −10 23 | 8.6 | *8.6* | B9 | 4 | .. | 38079b |
| 93 | 4613 | 17.0 | −11 55 | 8.5 | *9.3* | G5 | 1 | .. | 44013b |
| 94 | 5016 | 17.0 | −14 42 | 9.7 | *9.5* | B | 3 | .. | 24169b |
| 95 | .. | 17.0 | −16 19 | .. | .. | Ao | 2 | .. | 24169b |
| 96 | 4847 | 17.0 | −16 58 | 8.9 | *9.0* | A2 | 8 | .. | 24169b |
| 97 | 5167 | 17.0 | −17 30 | 9.7 | *9.5* | B | 3 | .. | 14619b |
| 98 | 4981 | 17.0 | −19 49 | 9.03 | 9.4 | F8 | 6 | .. | 24169b |
| 99 | 4700 | 17.0 | −22 20 | 9.4 | 9.0 | B9 | 4 | .. | 40711b |
| 100 | 4702 | 17.0 | −22 39 | 9.22 | 9.0 | B9 | 4 | .. | 40711b |



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18h 17m.0

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 13099 | 17.0 | −26 49 | 9.3 | 9.1 | Ao | 4 | .. | 40326b |
| 2 | 13155 | 17.0 | −33 3 | 8.9 | 9.8 | K5 | 2 | .. | 40724b |
| 3 | 12772 | 17.0 | −34 57 | 9.58 | 9.2 | A2 | 3 | .. | 40291b |
| 4 | 12735 | 17.0 | −41 39 | 7.9 | 8.5 | Ko | 7 | .. | 21880b |
| 5 | 12569 | 17.0 | −44 9 | 5.42 | *5.25* | B3 | .. | .. | 56,142 |
| 6 | 12257 | 17.0 | −47 34 | 8.1 | 10.6 | K5 | 2 | .. | 19962b |
| 7 | 12479 | 17.0 | −48 50 | 8.1 | 8.0 | Fo | 7 | .. | 19962b |
| 8 | 11903 | 17.0 | −50 51 | 11.6 | 10.4 | Fo | 2 | .. | 39457b |
| 9 | 11091 | 17.0 | −52 40 | *9.3* | 10.4 | K2 | 2 | .. | 39457b |
| 10 | 8867 | 17.0 | −54 41 | 8.5 | 9.4 | Fo | 7 | .. | 39457b |
| 11 | 8779 | 17.0 | −56 43 | 9.1 | 9.7 | Ao | 2 | .. | 39457b |
| 12 | 2184 | 17.1 | +52 37 | 7.46 | *8.64* | K5 | 4 | .. | 38559i |
| 13 | 3241 | 17.1 | +29 48 | 5.54 | *5.60* | A2 | 9 | .. | 37828i |
| 14 | 2981 | 17.1 | +28 49 | 5.05 | *5.19* | A5 | .. | 3, R | 56,95 |
| 15 | 3577 | 17.1 | + 2 12 | 9.4 | *9.4* | Ao | 2 | .. | 13401b |
| 16 | 4643 | 17.1 | − 5 7 | 9.25 | *9.23* | B9 | 3 | .. | 38110b |
| 17 | 5017 | 17.1 | −14 25 | 8.6 | *8.5* | B5 | 5 | .. | 24169b |
| 18 | 4949 | 17.1 | −15 27 | 10.6 | *10.6* | B8 | 4 | .. | 24169b |
| 19 | 4950 | 17.1 | −15 58 | 10.6 | *10.6* | A | 3 | R | 24169b |
| 20 | 5168 | 17.1 | −17 27 | 9.9 | *10.3* | F5 | 4 | .. | 24169b |
| 21 | 5169 | 17.1 | −17 55 | 10.6 | *11.2* | Go | 3 | .. | 24169b |
| 22 | 15625 | 17.1 | −30 19 | 10.4 | 9.6 | Ao | 3 | .. | 40326b |
| 23 | 12739 | 17.1 | −41 52 | 10.8 | *10.9* | A2 | 2 | .. | 21880b |
| 24 | 12352 | 17.1 | −46 0 | 9.3 | 9.7 | Fo | 4 | .. | 19962b |
| 25 | 12353 | 17.1 | −46 39 | 10.1 | 10.9 | K2 | 1 | .. | 19962b |
| 26 | 12350 | 17.1 | −46 51 | 10.1 | 11.4 | Ko | 1 | .. | 19962b |
| 27 | 11093 | 17.1 | −52 13 | *9.5* | 10.1 | Go | 2 | .. | 39457b |
| 28 | 8871 | 17.1 | −54 5 | 8.6 | 9.7 | K2 | 3 | .. | 39457b |
| 29 | 8782 | 17.1 | −56 13 | 8.5 | 9.8 | K2 | 2 | .. | 39457b |
| 30 | 2681 | 17.2 | +48 3 | 8.1 | *8.7* | Go | 2 | .. | 37797i |
| 31 | 3717 | 17.2 | + 4 25 | 8.7 | *8.8* | A3 | 4 | .. | 13401b |
| 32 | 3476 | 17.2 | − 1 15 | 7.10 | *7.08* | B9 | 8 | .. | 24025b |
| 33 | 4957 | 17.2 | −13 27 | 10.3 | *10.3* | Ao | 2 | .. | 38079b |
| 34 | 4848 | 17.2 | −16 22 | 11.2 | *11.2* | B9 | 3 | .. | 24169b |
| 35 | .. | 17.2 | −17 16 | .. | .. | B8 | 3 | .. | 24169b |
| 36 | 5171 | 17.2 | −17 43 | 8.1 | *8.1* | Ao | 10 | .. | 24169b |
| 37 | .. | 17.2 | −18 10 | .. | .. | F5 | 2 | .. | 24169b |
| 38 | R | 17.2 | −19 2 | *10.4* | 10.4 | B9 | 4 | .. | 24169b |
| 39 | 5115 | 17.2 | −20 12 | 9.7 | 9.6 | A | 2 | E | 40616b |
| 40 | 14268 | 17.2 | −24 3 | 9.0 | 10.3 | K | 1 | .. | 40711b |
| 41 | 12783 | 17.2 | −27 0 | 9.3 | 8.8 | Bo | 3 | .. | 40326b |
| 42 | 12782 | 17.2 | −27 33 | 7.9 | 7.9 | Ao | 7 | .. | 40326b |
| 43 | 15631 | 17.2 | −30 24 | Cl. | Cl. | Con. | .. | R | M |
| 44 | 12774 | 17.2 | −34 14 | 10.3 | 9.2 | B8 | 4 | .. | 40291b |
| 45 | 12555 | 17.2 | −39 48 | 9.9 | 9.7 | B9 | 4 | .. | 21880b |
| 46 | 12740 | 17.2 | −41 45 | 10.3 | 9.4 | A2 | 4 | .. | 21880b |
| 47 | 12574 | 17.2 | −44 14 | 8.4 | 8.8 | A2 | 6 | .. | 19962b |
| 48 | 12572 | 17.2 | −44 35 | 10.1 | 10.6 | Go | 1 | .. | 19962b |
| 49 | 11547 | 17.2 | −51 43 | 10.6 | 9.5 | A3 | 3 | .. | 39457b |
| 50 | 8661 | 17.2 | −55 17 | *9.5* | 10.3 | G5 | 1 | .. | 39457b |
| 51 | 2889 | 17.2 | −69 22 | *8.1* | 9.1 | Ko | 2 | .. | 41598b |
| 52 | 2311 | 17.2 | −71 15 | *8.7* | 9.7 | Ko | 1 | .. | 21336b |
| 53 | 2054 | 17.3 | +55 32 | 8.1 | *9.3* | K5 | 2 | .. | 38015i |
| 54 | 3391 | 17.3 | +39 50 | 8.0 | *8.4* | F5 | 2 | .. | 38500i |
| 55 | 2982 | 17.3 | +28 18 | 8.6 | *8.6* | Ao | 3 | .. | 37806i |
| 56 | 3222 | 17.3 | +26 39 | 8.4 | *9.0* | Go | 4 | .. | 37806i |
| 57 | *3395* | 17.3 | +25 1 | 6.86 | *6.69* | B3 | 7 | .. | 37806i |
| 58 | 3394 | 17.3 | +24 15 | 9.2 | *10.2* | Ko | 2 | .. | 37806i |
| 59 | 3472 | 17.3 | +16 5 | 7.5 | *8.5* | Ko | 2 | .. | 37901i |
| 60 | 3439 | 17.3 | +15 35 | 7.6 | *8.4* | G5 | 3 | .. | 37901i |
| 61 | 3718 | 17.3 | + 4 25 | 9.0 | *9.1* | A5 | 2 | .. | 13401b |
| 62 | 3687 | 17.3 | + 3 51 | 9.1 | *9.1* | Ao | 5 | .. | 13401b |
| 63 | *3924* | 17.3 | + 1 0 | 9.14 | *9.14* | Ao | 3 | .. | 13401b |
| 64 | 3925 | 17.3 | + 0 14 | 9.1 | *9.9* | G5 | 1 | .. | 24025b |
| 65 | 3470 | 17.3 | − 0 8 | 8.98 | *8.98* | Ao | 4 | .. | 13401b |
| 66 | 3469 | 17.3 | − 0 48 | 8.5 | *8.5* | Ao | 5 | .. | 13401b |
| 67 | 4451 | 17.3 | − 4 58 | 9.35 | *9.91* | Go | 3 | .. | 38110b |
| 68 | 4592 | 17.3 | − 7 43 | 9.4 | *9.9* | F8 | 3 | .. | 40602b |
| 69 | 4951 | 17.3 | −15 24 | 10.6 | *10.6* | A | 2 | .. | 24169b |
| 70 | .. | 17.3 | −15 59 | .. | .. | B9 | 2 | .. | 24169b |
| 71 | 5172 | 17.3 | −17 4 | 9.1 | *9.1* | Ao | 7 | .. | 24169b |
| 72 | 4983 | 17.3 | −19 6 | 10.6 | 10.4 | Ao | 4 | .. | 24169b |
| 73 | 4982 | 17.3 | −19 45 | 10.1 | 10.2 | Go | 4 | .. | 24169b |
| 74 | 5116 | 17.3 | −20 37 | 9.4 | 9.6 | A | 3 | .. | 40616b |
| 75 | 13102 | 17.3 | −26 1 | 10.0 | 10.3 | Ma | 2 | .. | 40616b |
| 76 | 12788 | 17.3 | −27 45 | 9.7 | 9.7 | G5 | 1 | .. | 40326b |
| 77 | 13161 | 17.3 | −33 18 | 10.1 | 9.6 | F8 | 2 | .. | 40291b |
| 78 | 12779 | 17.3 | −34 42 | 8.6 | 9.2 | K2 | 4 | .. | 40291b |
| 79 | 12503 | 17.3 | −37 16 | 9.2 | 8.3 | B9 | 5 | .. | 38804b |
| 80 | 12455 | 17.3 | −40 46 | 8.0 | 7.6 | B8 | 9 | .. | 21880b |
| 81 | 12262 | 17.3 | −47 33 | 9.5 | 10.6 | Go | 3 | .. | 19962b |
| 82 | 12482 | 17.3 | −48 36 | 8.1 | 8.3 | A5 | 8 | .. | 19962b |
| 83 | 6146 | 17.3 | −61 42 | 8.0 | 8.3 | A3 | 5 | .. | 42484b |
| 84 | 5858 | 17.3 | −62 15 | *9.5* | 9.5 | Ao | 2 | .. | 42464b |
| 85 | 4704 | 17.4 | − 9 34 | 9.7 | *9.8* | A2 | 1 | .. | 40602b |
| 86 | 4952 | 17.4 | −15 40 | 9.4 | *10.4* | Ko | 3 | .. | 24169b |
| 87 | 4850 | 17.4 | −16 39 | 8.3 | *8.1* | B | 6 | .. | 38079b |
| 88 | 5118 | 17.4 | −20 42 | 8.1 | 9.6 | Ma | 3 | .. | 40616b |
| 89 | 14318 | 17.4 | −23 6 | 9.5 | 9.0 | B9 | 5 | .. | 40711b |
| 90 | 14272 | 17.4 | −24 20 | 9.7 | 9.1 | A3 | 3 | .. | 40711b |
| 91 | 13106 | 17.4 | −26 13 | 7.8 | 8.2 | F2 | 7 | .. | 40616b |
| 92 | 14528 | 17.4 | −28 4 | 9.3 | 10.2 | Ko | 1 | .. | 40326b |
| 93 | 12560 | 17.4 | −35 3 | 7.68 | 8.6 | K2 | 7 | .. | 40291b |
| 94 | 12556 | 17.4 | −39 17 | 9.3 | 10.0 | G5 | 3 | .. | 21880b |
| 95 | 12456 | 17.4 | −40 36 | 8.9 | 9.4 | F8 | 6 | .. | 21880b |
| 96 | 12745 | 17.4 | −41 6 | 11.3 | 10.6 | Ao | 1 | .. | 21880b |
| 97 | 12576 | 17.4 | −44 33 | 9.9 | 10.6 | G5 | 1 | .. | 19962b |
| 98 | 12455 | 17.4 | −45 53 | 9.3 | 9.7 | A5 | 4 | .. | 19962b |
| 99 | 12483 | 17.4 | −48 20 | 10.1 | 10.1 | F8 | 1 | .. | 19962b |
| 100 | 11906 | 17.4 | −50 13 | 11.0 | 10.1 | A2 | 2 | .. | 39457b |



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## 169000 — $18^h\ 17^m.4$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 8784 | 17.4 | −56 28 | 8.8 | 10.5 | K5 | 1 | .. | 39457b |
| 2 | 973 | 17.5 | +69 40 | 8.1 | *8.5* | F5 | 2 | .. | 38095i |
| 3 | 2983 | 17.5 | +28 41 | 8.4 | *8.9* | F8 | 3 | .. | 38456i |
| 4 | 3399 | 17.5 | +21 19 | 9.0 | *9.8* | G5 | 1 | .. | 37806i |
| 5 | 3499 | 17.5 | +14 36 | 8.19 | *8.25* | A2 | 3 | .. | 37901i |
| 6 | 3657 | 17.5 | + 7 31 | 7.12 | *7.68* | Go | 8 | .. | 14170b |
| 7 | 3715 | 17.5 | + 6 28 | 8.5 | *9.6* | K2 | 2 | .. | 9437b |
| 8 | 4606 | 17.5 | − 2 15 | 9.1 | *9.4* | F2 | 2 | .. | 24025b |
| 9 | 4673 | 17.5 | −10 16 | 6.32 | *6.32* | Ao | 6 | .. | 44013b |
| 10 | .. | 17.5 | −13 46 | 10.77 | .. | Oa | .. | .. | M |
| 11 | 5019 | 17.5 | −14 26 | 10.1 | *10.1* | Ao | 2 | .. | 24169b |
| 12 | 4953 | 17.5 | −15 25 | 9.7 | *9.7* | B8 | 5 | .. | 24169b |
| 13 | 4851 | 17.5 | −16 16 | 10.6 | *11.0* | F5 | 3 | .. | 24169b |
| 14 | 4852 | 17.5 | −16 46 | 9.4 | *9.3* | B5 | 6 | R | 24169b |
| 15 | 5173 | 17.5 | −17 20 | 9.4 | *9.8* | F5 | 6 | .. | 24169b |
| 16 | 14319 | 17.5 | −23 5 | 8.9 | 10.4 | Ma | .. | .. | M |
| 17 | 14276 | 17.5 | −24 40 | 9.7 | 9.4 | Ao | 3 | .. | 40711b |
| 18 | 14529 | 17.5 | −28 23 | 9.5 | 10.3 | K2 | 1 | .. | 40326b |
| 19 | 15639 | 17.5 | −30 22 | 9.5 | 9.8 | Go | 1 | .. | 40326b |
| 20 | 14102 | 17.5 | −32 53 | 10.3 | 9.8 | A2 | 2 | .. | 40291b |
| 21 | 12781 | 17.5 | −34 23 | 6.79 | 7.0 | B9 | 8 | .. | 40291b |
| 22 | 12784 | 17.5 | −34 26 | 1.95 | *1.95* | Ao | .. | R | **28**,213 |
| 23 | 12562 | 17.5 | −35 48 | 8.9 | 8.6 | Ao | 5 | .. | 40285b |
| 24 | 13212 | 17.5 | −42 47 | 10.6 | 10.3 | F5 | 4 | .. | 21880b |
| 25 | 12357 | 17.5 | −46 36 | 9.7 | 10.2 | F8 | 3 | .. | 19962b |
| 26 | 12484 | 17.5 | −48 1 | 10.6 | 10.7 | K5 | 1 | .. | 19962b |
| 27 | 989 | 17.6 | +68 42 | 6.72 | *6.72* | Ao | 8 | 0,9 | 37907i |
| 28 | 2357 | 17.6 | +51 18 | 6.25 | *7.32* | K2 | 7 | .. | 38559i |
| 29 | 3104 | 17.6 | +32 51 | 7.40 | *7.82* | F5 | 4 | .. | 37828i |
| 30 | 3312 | 17.6 | +23 54 | 9.3 | *9.8* | F8 | 2 | .. | 37806i |
| 31 | 3400 | 17.6 | +21 27 | 6.64 | *6.59* | B8 | 8 | .. | 37806i |
| 32 | 3658 | 17.6 | + 7 10 | 8.0 | *8.1* | A2 | 8 | .. | 14170b |
| 33 | 5024 | 17.6 | −12 3 | 5.73 | *5.68* | B8 | .. | 1,7 | **56**,142 |
| 34 | 4958 | 17.6 | −13 39 | 8.3 | *8.1* | Bo | 4 | .. | 38079b |
| 35 | 4854 | 17.6 | −16 7 | 10.6 | *11.0* | F5 | 5 | .. | 24169b |
| 36 | 5175 | 17.6 | −17 11 | 10.3 | *10.3* | B9 | 4 | .. | 24169b |
| 37 | 4975 | 17.6 | −21 36 | 10.3 | 10.2 | F | 2 | .. | 40711b |
| 38 | 4974 | 17.6 | −21 43 | 8.5 | 9.6 | K5 | 3 | .. | 40711b |
| 39 | 14320 | 17.6 | −23 21 | 9.5 | 10.5 | G5 | 1 | .. | 40711b |
| 40 | 13108 | 17.6 | −26 25 | 9.3 | 8.8 | Ao | 3 | .. | 40616b |
| 41 | 12791 | 17.6 | −27 21 | 10.2 | 9.5 | F2 | 2 | .. | 40326b |
| 42 | 14530 | 17.6 | −28 43 | 9.5 | 9.4 | B9 | 3 | .. | 40326b |
| 43 | 15478 | 17.6 | −31 10 | 10.2 | 9.4 | Ao | 3 | .. | 40724b |
| 44 | 14105 | 17.6 | −32 28 | 10.3 | 10.1 | F8 | 2 | .. | 40291b |
| 45 | 12563 | 17.6 | −36 30 | 9.3 | 9.6 | Ko | 1 | .. | 40285b |
| 46 | 12509 | 17.6 | −37 49 | 10.6 | 9.6 | Ko | 1 | .. | 38804b |
| 47 | *12762* | 17.6 | −37 59 | 9.2 | 10.0 | K2 | 1 | .. | 38804b |
| 48 | 12765 | 17.6 | −38 39 | 8.6 | 7.6 | B8 | 9 | .. | 21880b |
| 49 | 12558 | 17.6 | −39 41 | 9.9 | 9.7 | Ao | 5 | .. | 21880b |
| 50 | 12462 | 17.6 | −40 19 | 9.3 | 10.4 | G5 | 3 | .. | 21880b |
| 51 | 12749 | 17.6 | −41 49 | 9.9 | 9.7 | F8 | 3 | .. | 21880b |
| 52 | 13214 | 17.6 | −42 4 | 8.6 | 8.6 | Go | 5 | .. | 40856b |
| 53 | 13216 | 17.6 | −42 31 | 11.0 | 10.0 | A2 | 4 | .. | 21880b |
| 54 | 12578 | 17.6 | −44 44 | 10.1 | 10.6 | Go | 1 | .. | 19962b |
| 55 | 12265 | 17.6 | −47 4 | 9.0 | 9.7 | F5 | 4 | .. | 19962b |
| 56 | 11908 | 17.6 | −50 39 | 10.1 | 9.5 | A2 | 5 | .. | 39457b |
| 57 | 11096 | 17.6 | −52 23 | *9.1* | 10.1 | Ko | 1 | .. | 39457b |
| 58 | 9112 | 17.6 | −53 41 | 7.22 | 7.5 | Fo | 10 | .. | 39457b |
| 59 | 3186 | 17.7 | +34 50 | 8.4 | *9.5* | K2 | 1 | .. | 37828i |
| 60 | 3106 | 17.7 | +32 53 | 7.23 | *8.30* | K2 | 3 | .. | 37828i |
| 61 | 3402 | 17.7 | +21 13 | 8.2 | *8.6* | F5 | 5 | .. | 37806i |
| 62 | 3680 | 17.7 | + 9 54 | 8.42 | *8.42* | Ao | 5 | .. | 14170b |
| 63 | 3659 | 17.7 | + 7 35 | 8.7 | *8.7* | Ao | 3 | .. | 14170b |
| 64 | 5026 | 17.7 | −12 20 | 7.43 | *7.43* | Ao | 3 | .. | 44013b |
| 65 | 5022 | 17.7 | −14 31 | 10.1 | *10.7* | Go | 4 | .. | 24169b |
| 66 | 5023 | 17.7 | −14 52 | 10.6 | *10.6* | Ao | 3 | .. | 24169b |
| 67 | 5176 | 17.7 | −17 15 | 10.3 | *10.4* | A2 | 4 | .. | 24169b |
| 68 | 4707 | 17.7 | −22 45 | 11.2 | 10.2 | B8 | 2 | .. | 40711b |
| 69 | 13077 | 17.7 | −25 28 | 10.7 | 10.2 | A | 2 | .. | 40616b |
| 70 | 14893 | 17.7 | −29 37 | 10.2 | 9.8 | B9 | 3 | .. | 40326b |
| 71 | 15641 | 17.7 | −30 19 | 9.5 | 9.6 | A2 | 2 | .. | 40326b |
| 72 | 15479 | 17.7 | −31 15 | 8.9 | 8.7 | A5 | 4 | .. | 40724b |
| 73 | 12565 | 17.7 | −36 58 | 10.1 | 9.3 | Ao | 3 | .. | 38804b |
| 74 | 12513 | 17.7 | −37 16 | 7.5 | 7.7 | A3 | 9 | .. | 38804b |
| 75 | 12560 | 17.7 | −39 13 | 9.9 | 10.0 | Ao | 3 | .. | 21880b |
| 76 | 12464 | 17.7 | −40 10 | 10.8 | 10.6 | A5 | 1 | .. | 21880b |
| 77 | 12463 | 17.7 | −40 37 | 10.8 | 10.4 | F5 | 3 | .. | 21880b |
| 78 | 13218 | 17.7 | −42 57 | 11.0 | 10.3 | F8 | 1 | .. | 21880b |
| 79 | 9113 | 17.7 | −53 53 | 8.7 | 9.2 | B9 | 5 | .. | 39457b |
| 80 | 6147 | 17.7 | −61 20 | 8.4 | 9.5 | K5 | 2 | .. | 42484b |
| 81 | 1908 | 17.7 | −73 50 | *8.5* | 9.1 | Go | 2 | .. | 21336b |
| 82 | 578 | 17.7 | −84 49 | *8.8* | 10.0 | K5 | 1 | .. | 14161b |
| 83 | 3479 | 17.8 | − 1 44 | 9.1 | *9.5* | F5 | 3 | .. | 24025b |
| 84 | 5024 | 17.8 | −14 0 | 10.1 | *10.1* | B9 | 2 | .. | 38079b |
| 85 | 4954 | 17.8 | −15 24 | 10.3 | *11.3* | Ko | 2 | .. | 24169b |
| 86 | 5177 | 17.8 | −17 12 | 10.3 | *10.3* | A | 3 | .. | 24169b |
| 87 | 4941 | 17.8 | −18 5 | 10.1 | *11.3* | K5 | 2 | .. | 24169b |
| 88 | 4984 | 17.8 | −19 20 | 10.1 | 9.6 | B8 | 5 | .. | 24169b |
| 89 | 4976 | 17.8 | −21 58 | 9.4 | 8.5 | B9 | 4 | .. | 40711b |
| 90 | 14322 | 17.8 | −23 18 | 11.4 | 11.0 | A | 1 | .. | 40711b |
| 91 | 14281 | 17.8 | −24 49 | 9.5 | 9.1 | B9 | 3 | .. | 40711b |
| 92 | 14894 | 17.8 | −29 8 | 8.5 | 9.9 | Ma | 3 | .. | 40326b |
| 93 | 12568 | 17.8 | −36 22 | 9.9 | 9.2 | A2 | 3 | .. | 40285b |
| 94 | 13219 | 17.8 | −42 16 | 8.3 | 7.2 | Ao | 8 | .. | 40856b |
| 95 | 12580 | 17.8 | −44 33 | 9.5 | 10.6 | G5 | 2 | .. | 19962b |
| 96 | 3905 | 17.8 | −64 43 | *8.5* | 9.5 | Ko | 1 | .. | 42464b |
| 97 | 5025 | 17.9 | −14 57 | 10.1 | *11.1* | Ko | 2 | .. | 24169b |
| 98 | 4709 | 17.9 | −22 6 | 8.8 | 9.6 | G5 | 3 | .. | 40711b |
| 99 | 4708 | 17.9 | −22 20 | 9.9 | 9.0 | Ao | 3 | .. | 40711b |
| 100 | 15647 | 17.9 | −30 11 | 9.3 | 9.3 | Ao | 4 | .. | 40326b |



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## 169100 — 18h 17m.9

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 13174 | 17.9 | −33 19 | 8.4 | 7.8 | Ao | 7 | .. | 40724b |
| 2 | 12569 | 17.9 | −35 11 | 9.3 | 9.2 | G5 | 3 | .. | 40291b |
| 3 | 12514 | 17.9 | −37 49 | 10.1 | 9.8 | G5 | 1 | .. | 38804b |
| 4 | 12562 | 17.9 | −39 9 | 9.3 | 9.5 | Ao | 4 | .. | 21880b |
| 5 | 12490 | 17.9 | −48 2 | 9.3 | 9.8 | Ko | 3 | .. | 19962b |
| 6 | 12115 | 17.9 | −49 45 | 8.0 | 8.6 | Ko | 5 | .. | 19962b |
| 7 | 11910 | 17.9 | −50 37 | 8.4 | 8.6 | A2 | 8 | .. | 39457b |
| 8 | 1909 | 17.9 | −73 22 | *8.3* | 8.9 | Go | 4 | .. | 21336b |
| 9 | 3317 | 18.0 | +23 49 | 9.0 | *9.6* | G | 2 | .. | 37806i |
| 10 | 3316 | 18.0 | +23 14 | 5.66 | *6.84* | K5 | 7 | .. | 37806i |
| 11 | 3442 | 18.0 | +11 59 | 5.89 | *5.89* | Ao | 8 | .. | 37901i |
| 12 | 3682 | 18.0 | + 9 43 | 7.9 | *9.0* | K2 | 4 | .. | 14170b |
| 13 | 3661 | 18.0 | + 7 9 | 7.6 | *8.7* | K2 | 7 | .. | 14170b |
| 14 | 3583 | 18.0 | + 2 10 | 9.1 | *9.1* | Ao | 3 | .. | 13401b |
| 15 | 4646 | 18.0 | − 5 12 | 8.2 | *8.3* | A5 | 7 | .. | 38110b |
| 16 | 4709 | 18.0 | − 9 15 | 8.7 | *8.8* | A2 | 3 | .. | 40602b |
| 17 | 5026 | 18.0 | −14 40 | 10.3 | *10.3* | Ao | 4 | .. | 24169b |
| 18 | 13114 | 18.0 | −26 29 | 7.7 | 8.6 | K2 | 3 | .. | 40616b |
| 19 | 15648 | 18.0 | −30 44 | 8.1 | 8.1 | Ao | 7 | 2,7 | 40724b |
| 20 | 12787 | 18.0 | −34 7 | 9.3 | 9.5 | Go | 2 | .. | 40291b |
| 21 | 12788 | 18.0 | −34 41 | 8.9 | 9.0 | Ao | 4 | .. | 40291b |
| 22 | 12576 | 18.0 | −36 45 | 8.9 | 8.4 | Go | 5 | .. | 38804b |
| 23 | 12772 | 18.0 | −38 37 | 7.9 | 9.1 | Ma | 5 | 5,5 | 39340b |
| 24 | 12566 | 18.0 | −39 28 | 10.3 | 10.0 | A2 | 3 | .. | 21880b |
| 25 | 12582 | 18.0 | −44 38 | 8.5 | 8.3 | G5 | 8 | .. | 19962b |
| 26 | 11554 | 18.0 | −51 7 | 10.3 | 8.9 | A2 | 5 | .. | 39457b |
| 27 | 2314 | 18.0 | −71 33 | *8.3* | 8.8 | F8 | 5 | 2,3 | 21336b |
| 28 | 3109 | 18.1 | +32 14 | 7.70 | *8.88* | K5 | 2 | .. | 37828i |
| 29 | 3245 | 18.1 | +29 58 | 7.96 | *9.03* | K2 | 2 | .. | 38456i |
| 30 | 3496 | 18.1 | +12 28 | 8.6 | *9.6* | Ko | 1 | .. | 9437b |
| 31 | 3444 | 18.1 | +11 16 | 9.2 | *9.3* | A2 | 2 | .. | 9437b |
| 32 | 3722 | 18.1 | + 6 42 | 8.9 | *10.0* | K2 | 3 | .. | 9437b |
| 33 | *3480* | 18.1 | − 0 59 | 9.7 | *10.7* | Ko | 1 | .. | 24025b |
| 34 | 4648 | 18.1 | − 5 38 | 8.8 | *10.0* | K5 | 1 | .. | 19014b |
| 35 | 4647 | 18.1 | − 5 57 | 9.1 | *10.2* | K2 | 1 | .. | 19014b |
| 36 | 4961 | 18.1 | −13 35 | 9.4 | *9.4* | B9 | 3 | .. | 38079b |
| 37 | 4978 | 18.1 | −21 52 | 10.6 | 10.5 | K5 | 1 | .. | 40616b |
| 38 | 14326 | 18.1 | −23 5 | 10.4 | 10.2 | A | 1 | .. | 40711b |
| 39 | 13084 | 18.1 | −25 20 | 10.9 | 10.0 | A | 2 | .. | 40616b |
| 40 | 14902 | 18.1 | −29 12 | 9.5 | 10.5 | Go | 2 | .. | 40326b |
| 41 | 14901 | 18.1 | −29 34 | 8.9 | 8.7 | G | 5 | .. | 40326b |
| 42 | 14904 | 18.1 | −29 49 | 8.03 | 8.1 | A2 | 5 | .. | 40326b |
| 43 | 14115 | 18.1 | −32 20 | 7.23 | 8.4 | Ko | 5 | .. | 40724b |
| 44 | 14116 | 18.1 | −32 24 | 9.3 | 9.1 | Ao | 3 | .. | 40724b |
| 45 | 12571 | 18.1 | −39 50 | 8.83 | 8.6 | A5 | 7 | .. | 21880b |
| 46 | 12473 | 18.1 | −40 21 | 9.3 | 9.4 | F2 | 5 | .. | 21880b |
| 47 | 13227 | 18.1 | −42 56 | 9.7 | 10.0 | G5 | 3 | .. | 21880b |
| 48 | 12583 | 18.1 | −44 54 | 9.1 | 10.9 | Ko | 1 | .. | 19962b |
| 49 | 11916 | 18.1 | −50 2 | 11.0 | 9.8 | Ao | 3 | .. | 39457b |
| 50 | 11914 | 18.1 | −50 46 | 9.9 | 10.4 | K5 | 1 | .. | 39457b |
| 51 | 11555 | 18.1 | −51 26 | 7.8 | 7.7 | B9 | 9 | .. | 39457b |
| 52 | 9115 | 18.1 | −53 5 | *10.3* | 10.3 | Ao | 2 | .. | 39457b |
| 53 | 8878 | 18.1 | −54 37 | *10.5* | 10.6 | A2 | 1 | .. | 39457b |
| 54 | 3443 | 18.2 | +15 44 | 7.5 | *8.3* | G5 | 1 | .. | 37901i |
| 55 | 4751 | 18.2 | − 6 18 | 7.9 | *8.4* | F8 | 4 | .. | 19014b |
| 56 | *4712* | 18.2 | − 8 59 | 4.83 | *5.61* | G5 | .. | 0,7 R | 56,95 |
| 57 | 4956 | 18.2 | −15 33 | 11.0 | *11.0* | B8 | 3 | .. | 24169b |
| 58 | 4957 | 18.2 | −15 56 | 9.9 | *10.3* | F5 | 5 | .. | 24169b |
| 59 | 4987 | 18.2 | −19 27 | 7.9 | 9.4 | K5 | 7 | .. | 24169b |
| 60 | 14117 | 18.2 | −32 51 | 10.3 | 10.2 | A3 | 1 | .. | 40291b |
| 61 | 12791 | 18.2 | −34 27 | 8.6 | 8.3 | Fo | 6 | .. | 40291b |
| 62 | 12584 | 18.2 | −44 55 | 10.1 | 10.9 | Ao | 2 | .. | 19962b |
| 63 | 12365 | 18.2 | −46 48 | 9.2 | 9.2 | Ao | 5 | .. | 19962b |
| 64 | 12269 | 18.2 | −47 5 | 9.7 | 10.3 | A2 | 3 | .. | 19962b |
| 65 | 3907 | 18.2 | −64 22 | *7.9* | 9.3 | Ma | 2 | .. | 42464b |
| 66 | 737 | 18.2 | −82 59 | *8.1* | 9.3 | K5 | 4 | .. | 14161b |
| 67 | 3111 | 18.3 | +32 27 | 8.2 | *9.2* | K | 1 | .. | 37828i |
| 68 | 3342 | 18.3 | +22 53 | 8.6 | *9.6* | Ko | 2 | .. | 37806i |
| 69 | 3506 | 18.3 | +14 57 | 7.34 | *7.40* | A2 | 6 | .. | 37901i |
| 70 | 5031 | 18.3 | −12 38 | 8.1 | *9.1* | Ko | 1 | .. | 44013b |
| 71 | 4963 | 18.3 | −13 32 | 9.4 | *9.4* | B9 | 2 | .. | 38079b |
| 72 | 5180 | 18.3 | −17 25 | 10.8 | *10.8* | Ao | 3 | .. | 24169b |
| 73 | 5179 | 18.3 | −17 55 | 9.7 | *9.5* | B | 3 | .. | 24169b |
| 74 | 4988 | 18.3 | −19 38 | 8.3 | 8.1 | Ao | 9 | .. | 24169b |
| 75 | 5124 | 18.3 | −20 23 | 9.2 | 9.1 | A | 2 | E | 40616b |
| 76 | 4710 | 18.3 | −22 22 | 10.7 | 9.9 | B9 | 2 | .. | 40711b |
| 77 | 14548 | 18.3 | −28 45 | 10.4 | 9.7 | A3 | 2 | .. | 40326b |
| 78 | 12792 | 18.3 | −34 14 | 8.9 | 9.2 | G5 | 4 | .. | 40291b |
| 79 | 12519 | 18.3 | −37 40 | 10.6 | 9.3 | Go | 1 | .. | 38804b |
| 80 | 12573 | 18.3 | −39 42 | 8.3 | 7.6 | B8 | 8 | .. | 21880b |
| 81 | 12477 | 18.3 | −40 0 | 9.2 | 9.5 | A2 | 5 | .. | 21880b |
| 82 | 12762 | 18.3 | −41 20 | 9.7 | 9.4 | Ao | 5 | .. | 21880b |
| 83 | 12761 | 18.3 | −41 24 | 11.0 | 10.0 | Ao | 2 | .. | 21880b |
| 84 | 12763 | 18.3 | −41 47 | 8.6 | 8.8 | Go | 4 | .. | 40856b |
| 85 | 12119 | 18.3 | −49 17 | 10.6 | 9.8 | A2 | 2 | .. | 19962b |
| 86 | 11917 | 18.3 | −50 56 | 7.8 | 8.3 | G5 | 6 | .. | 39457b |
| 87 | 6148 | 18.3 | −61 16 | 8.5 | 10.7 | K5 | 1 | .. | 42469b |
| 88 | 2315 | 18.3 | −71 7 | *8.9* | 9.5 | Go | 2 | .. | 21336b |
| 89 | 3112 | 18.4 | +32 52 | 8.4 | *8.9* | F8 | 1 | .. | 37828i |
| 90 | 3319 | 18.4 | +23 26 | 9.2 | *9.2* | Ao | 2 | .. | 37806i |
| 91 | 3555 | 18.4 | +17 46 | 5.48 | *6.48* | Ko | 8 | .. | 37901i |
| 92 | 3926 | 18.4 | + 0 17 | 8.0 | *8.0* | Ao | 7 | .. | 13401b |
| 93 | 4609 | 18.4 | − 2 31 | 8.9 | *9.9* | Ko | 3 | .. | 24025b |
| 94 | 5181 | 18.4 | −17 34 | 11.2 | *11.2* | Ao | 2 | .. | 24169b |
| 95 | 5182 | 18.4 | −17 40 | 11.0 | *11.1* | A2 | 2 | .. | 24169b |
| 96 | 4943 | 18.4 | −18 40 | 10.3 | *10.3* | B9 | 4 | .. | 24169b |
| 97 | 4990 | 18.4 | −19 52 | 8.78 | 10.4 | K5 | 4 | .. | 24169b |
| 98 | 14288 | 18.4 | −24 26 | 8.7 | 8.8 | Go | 4 | .. | 40711b |
| 99 | 14289 | 18.4 | −24 56 | Cl. | Cl. | Con. | 3 | R | 40711b |
| 100 | 12576 | 18.4 | −39 33 | 9.3 | 10.0 | Ko | 3 | .. | 21880b |



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1922AnHar..97....1C



## 169200 — $18^h\,18^m.4$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12586 | 18.4 | −44 15 | 10.6 | 10.6 | Ao | 2 | .. | 19962b |
| 2 | 12367 | 18.4 | −46 40 | 9.1 | 10.7 | G5 | 5 | .. | 19962b |
| 3 | 1096 | 18.5 | +66 19 | 9.3 | *10.5* | K5 | 1 | .. | 37907i |
| 4 | 3727 | 18.5 | + 4 3 | 9.0 | *9.0* | Ao | 3 | .. | 13401b |
| 5 | 3695 | 18.5 | + 3 3 | 8.1 | *9.1* | Ko | 4 | .. | 13401b |
| 6 | 4622 | 18.5 | −11 57 | 10.6 | *10.6* | B9 | 2 | .. | 38079b |
| 7 | 4944 | 18.5 | −18 9 | 9.2 | *10.0* | G5 | 6 | .. | 24169b |
| 8 | 4945 | 18.5 | −18 24 | 10.1 | *10.1* | B8 | 4 | .. | 24169b |
| 9 | 4980 | 18.5 | −21 57 | 9.9 | 9.6 | A | 3 | .. | 40711b |
| 10 | 13121 | 18.5 | −26 33 | 8.9 | 8.2 | Ao | 5 | .. | 40616b |
| 11 | 13181 | 18.5 | −33 53 | 9.9 | 10.2 | B9 | 3 | .. | 40291b |
| 12 | 12578 | 18.5 | −39 21 | 10.3 | 10.3 | Go | 1 | .. | 21880b |
| 13 | 12767 | 18.5 | −41 44 | 8.6 | 10.0 | Ko | 2 | .. | 40856b |
| 14 | 13233 | 18.5 | −42 49 | 9.9 | 8.5 | B9 | 5 | .. | 40856b |
| 15 | 12588 | 18.5 | −44 9 | 9.0 | 9.4 | Fo | 5 | .. | 19962b |
| 16 | 12273 | 18.5 | −47 2 | 8.9 | 9.2 | F2 | 6 | .. | 19962b |
| 17 | 12272 | 18.5 | −47 19 | 10.1 | 10.6 | G5 | 1 | .. | 19962b |
| 18 | 11918 | 18.5 | −50 56 | 11.6 | 9.8 | A2 | 2 | .. | 39457b |
| 19 | 11558 | 18.5 | −51 23 | 10.3 | 9.8 | A5 | 2 | .. | 39457b |
| 20 | 4415 | 18.5 | −63 22 | *7.9* | 8.9 | Ko | 3 | .. | 42484b |
| 21 | 2776 | 18.6 | +49 40 | 6.51 | *7.51* | Ko | 5 | 0,6 R | 37884i |
| 22 | 3615 | 18.6 | +19 6 | 8.0 | *8.1* | A2 | 3 | E | 37806i |
| 23 | 3478 | 18.6 | +16 38 | 6.38 | *7.38* | Ko | 6 | .. | 37901i |
| 24 | 3720 | 18.6 | + 5 17 | 8.0 | *8.0* | B9 | 5 | 0,7 | 37811i |
| 25 | 3481 | 18.6 | − 1 11 | 7.5 | *7.5* | B9 | 7 | .. | 24025b |
| 26 | 5034 | 18.6 | −12 15 | 9.1 | *8.9* | B | 4 | R | 38079b |
| 27 | 5033 | 18.6 | −12 17 | 8.9 | *8.7* | | | | |
| 28 | 4857 | 18.6 | −16 58 | 10.3 | *10.4* | A2 | 4 | .. | 24169b |
| 29 | 4948 | 18.6 | −18 44 | 10.1 | *10.1* | B8 | 5 | .. | 24169b |
| 30 | 4981 | 18.6 | −21 54 | 9.9 | 9.0 | Ao | 3 | .. | 40711b |
| 31 | 14334 | 18.6 | −23 9 | 9.7 | 9.4 | Ao | 4 | .. | 40711b |
| 32 | 13124 | 18.6 | −26 58 | 10.9 | 10.0 | Ao | 1 | .. | 40326b |
| 33 | 15661 | 18.6 | −30 49 | 5.66 | 7.4 | Ko | .. | 0,9- | 56,142 |
| 34 | 14121 | 18.6 | −32 13 | 10.1 | 10.2 | G5 | 1 | .. | 40291b |
| 35 | 13186 | 18.6 | −33 33 | 8.9 | 10.5 | K5 | 1 | .. | 40291b |
| 36 | 12589 | 18.6 | −36 2 | 6.25 | 7.2 | G5 | 10 | .. | 40285b |
| 37 | 12483 | 18.6 | −40 32 | 9.3 | 9.5 | Ao | 5 | .. | 21880b |
| 38 | 12520 | 18.6 | −43 4 | 10.6 | 10.6 | Ao | 4 | .. | 21880b |
| 39 | 9123 | 18.6 | −53 41 | 8.5 | 8.9 | Fo | 6 | .. | 39457b |
| 40 | 8882 | 18.6 | −54 57 | 9.66 | 10.0 | Go | 3 | .. | 39457b |
| 41 | 3121 | 18.6 | −68 55 | *8.6* | 8.6 | Ao | 5 | .. | 41598b |
| 42 | 2255 | 18.6 | −72 29 | *9.0* | 9.5 | F8 | 3 | .. | 21336b |
| 43 | 3035 | 18.7 | +41 10 | 7.75 | *8.75* | Ko | 2 | .. | 38500i |
| 44 | 3101 | 18.7 | +36 15 | 7.54 | *8.04* | F8 | 3 | .. | 37828i |
| 45 | 3230 | 18.7 | +26 10 | 8.8 | *9.4* | G | 3 | .. | 37806i |
| 46 | 3760 | 18.7 | +20 55 | 7.30 | *8.30* | Ko | 5 | .. | 37806i |
| 47 | 3511 | 18.7 | +14 39 | 6.69 | *6.67* | B9 | 8 | .. | 37901i |
| 48 | 3446 | 18.7 | +11 18 | 8.6 | *9.6* | Ko | 3 | 2,3 | 9437b |
| 49 | 3665 | 18.7 | + 7 2 | 9.1 | *9.1* | Ao | 2 | .. | 14170b |
| 50 | 4611 | 18.7 | − 2 5 | 9.7 | *9.7* | Ao | 2 | .. | 24025b |
| 51 | 4457 | 18.7 | − 4 50 | 8.80 | *8.80* | Ao | 3 | .. | 38110b |
| 52 | 4624 | 18.7 | −11 18 | 9.4 | *10.5* | K2 | 1 | .. | 38079b |
| 53 | 4858 | 18.7 | −16 3 | 10.6 | *11.0* | F5 | 3 | .. | 24169b |
| 54 | 4982 | 18.7 | −21 51 | 10.7 | 10.4 | Ao | 2 | .. | 40711b |
| 55 | 14125 | 18.7 | −32 19 | 10.3 | 10.5 | Go | 1 | .. | 40291b |
| 56 | 12590 | 18.7 | −36 47 | 9.9 | 10.1 | B8 | 5 | .. | 40285b |
| 57 | 12528 | 18.7 | −37 12 | 7.9 | 7.6 | B9 | 9 | .. | 38804b |
| 58 | 13239 | 18.7 | −42 19 | 11.0 | *11.8* | G5 | 2 | .. | 21880b |
| 59 | 12124 | 18.7 | −49 37 | 8.3 | 8.6 | Ao | 7 | .. | 19962b |
| 60 | 11923 | 18.7 | −50 24 | 10.3 | 9.8 | Ao | 2 | .. | 39457b |
| 61 | 11922 | 18.7 | −50 55 | 9.9 | 8.7 | Go | 5 | .. | 39457b |
| 62 | 11559 | 18.7 | −51 10 | 10.3 | 10.4 | Fo | 2 | .. | 39457b |
| 63 | 3911 | 18.7 | −64 32 | *9.3* | 9.3 | Ao | 2 | .. | 42464b |
| 64 | 1890 | 18.8 | +59 59 | 8.86 | *9.20* | F2 | 1 | .. | 38505i |
| 65 | 2882 | 18.8 | +44 36 | 8.1 | *8.7* | Go | 2 | .. | 37997i |
| 66 | 3587 | 18.8 | + 2 25 | 8.9 | *9.3* | F5 | 3 | .. | 13401b |
| 67 | 4613 | 18.8 | − 2 31 | 7.7 | *8.7* | Ko | 7 | .. | 24025b |
| 68 | 4277 | 18.8 | − 3 38 | 6.38 | *6.72* | F2 | 10 | .. | 19014b |
| 69 | .. | 18.8 | −15 12 | .. | .. | G5 | 2 | .. | 24169b |
| 70 | 5184 | 18.8 | −17 46 | 10.1 | *10.1* | Ao | 3 | .. | 24169b |
| 71 | 4951 | 18.8 | −18 20 | 9.4 | *9.2* | B3 | 7 | .. | 24169b |
| 72 | 4950 | 18.8 | −18 41 | 10.1 | *11.2* | K2 | 4 | .. | 24169b |
| 73 | 4952 | 18.8 | −18 48 | 9.9 | *9.7* | B | 5 | .. | 24169b |
| 74 | 4992 | 18.8 | −19 47 | 8.1 | 9.6 | K5 | 7 | .. | 24169b |
| 75 | 15665 | 18.8 | −30 58 | 8.3 | 8.2 | Ao | 5 | 0,5 | 40326b |
| 76 | 13191 | 18.8 | −33 9 | 9.9 | 9.0 | Ao | 4 | .. | 40291b |
| 77 | 12780 | 18.8 | −38 23 | 10.6 | 10.4 | Ko | 1 | .. | 39272b |
| 78 | 12781 | 18.8 | −38 49 | 9.3 | 10.0 | G5 | 3 | .. | 21880b |
| 79 | 12771 | 18.8 | −41 18 | 11.3 | 10.6 | B9 | 2 | .. | 21880b |
| 80 | 11562 | 18.8 | −51 17 | 11.0 | 9.5 | F5 | 3 | .. | 39457b |
| 81 | 4416 | 18.8 | −63 53 | *8.7* | 9.8 | K2 | 1 | .. | 42464b |
| 82 | 974 | 18.9 | +69 58 | 7.69 | *8.11* | F5 | 4 | .. | 38095i |
| 83 | 1864 | 18.9 | +57 12 | 8.8 | *8.9* | A2 | 2 | .. | 38015i |
| 84 | 3065 | 18.9 | +42 13 | 8.12 | *9.19* | K2 | 2 | .. | 38500i |
| 85 | 3927 | 18.9 | + 0 45 | 8.9 | *10.0* | K2 | 2 | .. | 13401b |
| 86 | 3474 | 18.9 | − 0 3 | 8.58 | *8.64* | A2 | 7 | .. | 13401b |
| 87 | 4752 | 18.9 | − 6 54 | 9.4 | *10.2* | G5 | 1 | .. | 40602b |
| 88 | 4625 | 18.9 | −11 27 | 10.3 | *10.3* | B9 | 2 | .. | 38079b |
| 89 | 4966 | 18.9 | −13 0 | 9.7 | *10.5* | G5 | 1 | .. | 38079b |
| 90 | 5033 | 18.9 | −14 50 | 9.06 | *10.06* | Ko | 4 | .. | 24169b |
| 91 | 4959 | 18.9 | −15 27 | 8.5 | *8.5* | Ao | 8 | .. | 24169b |
| 92 | 14296 | 18.9 | −24 28 | 8.3 | 8.2 | B9 | 6 | .. | 40711b |
| 93 | *13128* | 18.9 | −25 59 | 10.7 | 10.8 | Ma | 2 | .. | 40616b |
| 94 | 13193 | 18.9 | −33 5 | 9.0 | 9.1 | Ao | 5 | .. | 40291b |
| 95 | 12798 | 18.9 | −34 37 | 9.3 | 9.5 | Ao | 3 | .. | 40291b |
| 96 | 12489 | 18.9 | −40 12 | 10.3 | 10.3 | F8 | 3 | .. | 21880b |
| 97 | 12488 | 18.9 | −40 52 | 11.3 | 10.0 | B9 | 3 | .. | 21880b |
| 98 | 13243 | 18.9 | −42 44 | 10.1 | 10.4 | Go | 2 | .. | 21880b |
| 99 | 12479 | 18.9 | −45 1 | 8.90 | 10.6 | K5 | 2 | .. | 19962b |
| 100 | 12371 | 18.9 | −46 0 | 8.4 | 9.4 | Ko | 6 | .. | 19962b |



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**169300** **$18^h\ 18^m.9$**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11107 | 18.9 | −52 26 | *9.5* | 10.7 | K5 | 1 | .. | 39457b |
| 2 | 8883 | 18.9 | −54 51 | *9.4* | 10.6 | K5 | 1 | .. | 39457b |
| 3 | 8791 | 18.9 | −56 0 | 7.4 | 7.9 | Go | 8 | .. | 39457b |
| 4 | 9041 | 18.9 | −57 5 | 8.6 | 9.1 | Ao | 5 | .. | 42469b |
| 5 | 2782 | 19.0 | +49 4 | 5.09 | *6.44* | Ma | 8 | .. | 38559i |
| 6 | 3104 | 19.0 | +36 51 | 7.79 | *8.29* | F8 | 2 | .. | 37828i |
| 7 | 3091 | 19.0 | +33 13 | 8.6 | *9.4* | G5 | 1 | .. | 37828i |
| 8 | 3670 | 19.0 | +′8 25 | 9.1 | *10.2* | K2 | 1 | .. | 14170b |
| 9 | 3663 | 19.0 | + 1 27 | 7.9 | *8.3* | F5 | 2 | .. | 37811i |
| 10 | 4459 | 19.0 | − 4 9 | 7.54 | *7.62* | A3 | 5 | .. | 19014b |
| 11 | 4596 | 19.0 | − 7 31 | 9.2 | *10.0* | G5 | 2 | .. | 40602b |
| 12 | 4684 | 19.0 | −10 28 | 8.5 | *9.6* | K2 | 2 | .. | 38079b |
| 13 | 5036 | 19.0 | −12 44 | 8.9 | *8.9* | B9 | 4 | .. | 38079b |
| 14 | 4968 | 19.0 | −13 58 | 9.4 | *9.5* | A2 | 4 | .. | 38079b |
| 15 | 4859 | 19.0 | −16 51 | var. | var. | G5 | 4 | R | 24169b |
| 16 | 4997 | 19.0 | −19 19 | 9.9 | 10.2 | B8 | 4 | .. | 24169b |
| 17 | 5129 | 19.0 | −20 50 | 8.7 | 10.2 | K2 | 3 | .. | 40616b |
| 18 | 14343 | 19.0 | −23 0 | 10.2 | 10.1 | Go | 1 | .. | 40616b |
| 19 | 14917 | 19.0 | −29 4 | 10.2 | 10.2 | Ko | 2 | .. | 40326b |
| 20 | 14126 | 19.0 | −32 12 | 8.6 | 10.2 | Mb | 2 | .. | 40291b |
| 21 | 13247 | 19.0 | −42 56 | 9.5 | 8.5 | Ao | 7 | .. | 40856b |
| 22 | 12525 | 19.0 | −43 43 | 11.6 | 11.4 | Ao | 1 | .. | 21880b |
| 23 | 12594 | 19.0 | −44 36 | 9.5 | 10.6 | Ko | 2 | .. | 40856b |
| 24 | .. | 19.0 | −49 42 | var. | var. | Md | .. | R | M |
| 25 | 11563 | 19.0 | −51 36 | 8.4 | 8.9 | K2 | 4 | .. | 39457b |
| 26 | 9129 | 19.0 | −53 10 | *6.5* | 7.5 | Ko | 6 | .. | 36342b |
| 27 | 8885 | 19.0 | −54 39 | *10.0* | 10.3 | Fo | 1 | .. | 39457b |
| 28 | 3548 | 19.0 | −67 37 | *8.6* | 8.9 | F2 | 2 | .. | 41442b |
| 29 | 621 | 19.1 | +81 26 | 8.9 | *9.0* | A5 | 2 | .. | 37240i |
| 30 | 3190 | 19.1 | +30 3 | 8.76 | *9.83* | K2 | 1 | .. | 38456i |
| 31 | 3404 | 19.1 | +24 48 | 9.0 | *9.0* | Ao | 2 | .. | 37806i |
| 32 | 4599 | 19.1 | − 8 14 | 7.28 | *7.56* | Fo | 3 | 2,7 | 44013b |
| 33 | 5038 | 19.1 | −12 32 | 8.8 | *10.0* | K5 | 1 | .. | 38079b |
| 34 | 4861 | 19.1 | −16 20 | 8.5 | *9.7* | K5 | 4 | .. | 24169b |
| 35 | 4953 | 19.1 | −18 35 | 8.1 | *9.5* | Ma | 8 | .. | 24169b |
| 36 | 14344 | 19.1 | −23 2 | 8.7 | 9.4 | Ko | 3 | .. | 40711b |
| 37 | 15667 | 19.1 | −30 18 | 7.54 | 8.4 | B8 | 6 | .. | 40326b |
| 38 | 13197 | 19.1 | −33 6 | 10.6 | 10.1 | Ao | 2 | .. | 40291b |
| 39 | 12786 | 19.1 | −38 52 | 10.6 | 10.6 | K5 | 1 | .. | 21880b |
| 40 | 12490 | 19.1 | −40 6 | 8.48 | 9.4 | G5 | 6 | .. | 21880b |
| 41 | *13251* | 19.1 | −41 59 | 9.3 | 9.4 | F8 | 3 | .. | 40856b |
| 42 | 12527 | 19.1 | −43 43 | 10.3 | 11.0 | Ko | 2 | .. | 21880b |
| 43 | 12598 | 19.1 | −44 20 | var. | var. | Md | 1 | R | 39340b |
| 44 | 12596 | 19.1 | −44 26 | 10.6 | 10.6 | A3 | 2 | .. | 40856b |
| 45 | 12483 | 19.1 | −45 12 | 9.7 | 10.3 | F2 | 3 | .. | 19962b |
| 46 | 11925 | 19.1 | −50 23 | 9.2 | 8.9 | A2 | 4 | .. | 39457b |
| 47 | *11565* | 19.1 | −50 59 | 9.1 | 8.9 | Ao | 6 | .. | 39457b |
| 48 | 9130 | 19.1 | −53 10 | *10.3* | 10.3 | Ao | 2 | .. | 39457b |
| 49 | 9131 | 19.1 | −53 41 | 7.17 | 8.3 | G5 | 8 | .. | 39457b |
| 50 | 8886 | 19.1 | −54 42 | *9.5* | 10.0 | F8 | 2 | .. | 39457b |
| 51 | 3710 | 19.1 | −65 14 | 7.70 | 8.0 | Go | 7 | .. | 41598b |
| 52 | 1805 | 19.2 | +58 37 | 8.1 | *8.4* | F2 | 3 | .. | 38505i |
| 53 | 2073 | 19.2 | +53 58 | 8.3 | *9.4* | K2 | 1 | .. | 38559i |
| 54 | 2072 | 19.2 | +53 21 | 8.1 | *8.2* | A2 | 4 | .. | 38559i |
| 55 | 2362 | 19.2 | +51 14 | 6.70 | *7.88* | K5 | 5 | .. | 38559i |
| 56 | 3350 | 19.2 | +40 20 | 7.77 | *7.83* | A2 | 6 | .. | 38500i |
| 57 | 3228 | 19.2 | +35 3 | 8.97 | *9.25* | F | 1 | .. | 37828i |
| 58 | 3247 | 19.2 | +29 19 | 8.1 | *8.2* | A2 | 3 | .. | 37828i |
| 59 | 3518 | 19.2 | +14 51 | 7.84 | *8.40* | Go | 2 | .. | 37901i |
| 60 | 3495 | 19.2 | +10 50 | 8.9 | *8.9* | Ao | 4 | .. | 14170b |
| 61 | 3691 | 19.2 | + 9 49 | 8.3 | *8.3* | Ao | 5 | .. | 14170b |
| 62 | 3732 | 19.2 | + 6 47 | 8.6 | *9.7* | K2 | 1 | .. | 14170b |
| 63 | 3697 | 19.2 | + 3 52 | 9.2 | *9.3* | A2 | 2 | .. | 13401b |
| 64 | 3699 | 19.2 | + 3 43 | 9.2 | *10.3* | K2 | 1 | .. | 13401b |
| 65 | 3698 | 19.2 | + 3 36 | 9.0 | *9.1* | A2 | 6 | .. | 13401b |
| 66 | 3928 | 19.2 | + 0 24 | 8.7 | *9.8* | K2 | 3 | .. | 13401b |
| 67 | 3482 | 19.2 | − 1 7 | 7.5 | *8.1* | Go | 6 | .. | 24025b |
| 68 | 3483 | 19.2 | − 1 39 | 10.0 | *10.8* | G5 | 2 | .. | 24025b |
| 69 | 4652 | 19.2 | − 5 3 | 8.82 | *9.89* | K2 | 3 | .. | 38110b |
| 70 | 4598 | 19.2 | − 7 7 | 6.53 | *7.53* | Ko | 9 | .. | 19014b |
| 71 | 4626 | 19.2 | −11 25 | 8.9 | *9.0* | A3 | 3 | .. | 38079b |
| 72 | 4862 | 19.2 | −16 19 | 10.1 | *10.1* | B9 | 3 | .. | 24169b |
| 73 | 4863 | 19.2 | −16 49 | 9.9 | *11.1* | K5 | 2 | .. | 24169b |
| 74 | 4954 | 19.2 | −18 20 | 8.7 | *9.8* | K2 | 7 | .. | 24169b |
| 75 | 4715 | 19.2 | −22 34 | 10.6 | 9.9 | Ao | 2 | .. | 40711b |
| 76 | 12819 | 19.2 | −27 55 | 10.4 | 9.7 | A2 | 1 | .. | 40326b |
| 77 | 15671 | 19.2 | −30 16 | 8.5 | 8.7 | F5 | 5 | .. | 40326b |
| 78 | 15506 | 19.2 | −31 33 | 8.7 | 9.9 | K5 | 2 | .. | 40724b |
| 79 | 14129 | 19.2 | −32 8 | 9.3 | 10.2 | G5 | 2 | .. | 40291b |
| 80 | 12535 | 19.2 | −37 57 | 9.9 | 9.2 | A3 | 2 | *1,2* | 40285b |
| 81 | 12491 | 19.2 | −40 49 | 11.7 | 10.6 | Go | 1 | .. | 21880b |
| 82 | 12780 | 19.2 | −41 34 | 9.7 | *10.8* | K2 | 2 | .. | 21880b |
| 83 | 11566 | 19.2 | −51 56 | 8.1 | 8.3 | Go | 8 | .. | 39457b |
| 84 | 3125 | 19.2 | −68 53 | *8.4* | 9.5 | K2 | 1 | .. | 41598b |
| 85 | 1741 | 19.3 | +61 23 | 9.0 | *10.0* | Ko | 1 | .. | 38505i |
| 86 | 3509 | 19.3 | +25 57 | 8.6 | *8.6* | Ao | 3 | .. | 37806i |
| 87 | 3406 | 19.3 | +24 22 | 8.8 | *9.8* | Ko | 2 | .. | 37806i |
| 88 | 3325 | 19.3 | +23 23 | 9.2 | *10.0* | G5 | 1 | .. | 37806i |
| 89 | 3496 | 19.3 | +10 30 | 8.08 | *9.15* | K2 | 3 | .. | 9437b |
| 90 | 3673 | 19.3 | + 8 36 | 8.3 | *8.9* | Go | 3 | .. | 14170b |
| 91 | 3477 | 19.3 | − 0 2 | 9.73 | *10.83* | Ko | 1 | .. | 24025b |
| 92 | 4755 | 19.3 | − 6 39 | 7.25 | *7.81* | Go | 8 | .. | 19014b |
| 93 | 4969 | 19.3 | −13 23 | 9.4 | *9.4* | B9 | 2 | .. | 38079b |
| 94 | 4970 | 19.3 | −13 35 | 9.7 | *9.7* | Ao | 2 | .. | 38079b |
| 95 | 4998 | 19.3 | −19 7 | 9.4 | 10.2 | K2 | 4 | .. | 24169b |
| 96 | 4989 | 19.3 | −21 48 | 9.7 | 9.0 | Ao | 5 | .. | 40711b |
| 97 | 14133 | 19.3 | −32 53 | 8.6 | 8.4 | Ao | 6 | .. | 40291b |
| 98 | 12802 | 19.3 | −34 0 | 6.38 | 6.8 | B8 | 10 | .. | 40291b |
| 99 | 12801 | 19.3 | −34 25 | 9.7 | 9.8 | G5 | 2 | .. | 40291b |
| 100 | 12594 | 19.3 | −35 9 | 10.3 | 9.5 | A2 | 2 | .. | 40291b |



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1922AnHar..97....1C



## 169400 — 18h 19m.3

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12787 | 19.3 | −38 4 | 9.9 | 10.4 | Go | 1 | .. | 39272b |
| 2 | 12593 | 19.3 | −39 28 | 10.6 | 10.0 | Ao | 3 | .. | 21880b |
| 3 | 13253 | 19.3 | −42 35 | 7.3 | 8.2 | Ma | 7 | .. | 40856b |
| 4 | 12284 | 19.3 | −47 48 | 9.5 | 10.6 | G5 | 1 | .. | 19962b |
| 5 | 12505 | 19.3 | −48 10 | 5.48 | 6.4 | G5 | .. | .. | **56**,142 |
| 6 | 11928 | 19.3 | −50 32 | 9.2 | 8.7 | Ao | 5 | .. | 39457b |
| 7 | 11929 | 19.3 | −50 33 | 8.3 | 8.3 | Go | 5 | .. | 39457b |
| 8 | 11930 | 19.3 | −50 42 | 8.1 | 8.0 | A2 | 8 | .. | 39457b |
| 9 | .. | 19.3 | −50 54 | var. | var. | Pec. | 1 | R | 39457b |
| 10 | 6149 | 19.3 | −61 38 | 8.9 | 9.2 | Ao | 3 | .. | 42469b |
| 11 | 3711 | 19.3 | −65 20 | *8.2* | 9.3 | K2 | 1 | .. | 41598b |
| 12 | 2194 | 19.4 | +52 51 | 7.69 | *7.69* | Ao | 6 | .. | 38559i |
| 13 | 3402 | 19.4 | +39 13 | 7.94 | *8.94* | Ko | 1 | .. | 38500i |
| 14 | 3411 | 19.4 | +21 43 | 3.92 | *4.92* | Ko | .. | .. | 1361c |
| 15 | 3520 | 19.4 | +14 32 | 8.4 | *8.4* | A | 1 | .. | 37901i |
| 16 | 3498 | 19.4 | +10 54 | 7.78 | *7.78* | Ao | 4 | .. | 37901i |
| 17 | 4279 | 19.4 | − 3 7 | 8.5 | *8.6* | A2 | 5 | .. | 24025b |
| 18 | 5035 | 19.4 | −14 11 | 10.3 | *10.3* | Ao | 1 | .. | 38079b |
| 19 | 5187 | 19.4 | −17 35 | 9.4 | *9.2* | Bo | 4 | .. | 24169b |
| 20 | 5134 | 19.4 | −20 35 | 4.96 | 6.8 | Ko | 8 | R | 43327b |
| 21 | | 19.4 | −20 35 | | | Ao | | | |
| 22 | 13138 | 19.4 | −26 21 | 10.9 | 9.5 | Ao | 3 | 0,2 | 40616b |
| 23 | 13137 | 19.4 | −26 46 | 10.7 | 10.0 | A | 1 | .. | 40326b |
| 24 | 12822 | 19.4 | −27 27 | 8.7 | 8.8 | F2 | 4 | .. | 40326b |
| 25 | 15510 | 19.4 | −31 48 | 7.15 | 7.5 | B8 | 9 | .. | 40724b |
| 26 | 12539 | 19.4 | −37 51 | 9.9 | 9.0 | Ao | 2 | 5,2 | 39272b |
| 27 | 12783 | 19.4 | −41 7 | 8.7 | 9.5 | G5 | 3 | .. | 21880b |
| 28 | 9134 | 19.4 | −53 20 | 8.6 | 9.2 | Go | 4 | .. | 39457b |
| 29 | 8888 | 19.4 | −54 5 | 8.0 | 9.1 | Ko | 6 | .. | 39456b |
| 30 | 2783 | 19.5 | +49 31 | 8.57 | *8.63* | A2 | 2 | .. | 38559i |
| 31 | 2683 | 19.5 | +48 17 | 8.0 | *8.8* | G5 | 1 | .. | 38559i |
| 32 | 3251 | 19.5 | +29 5 | 9.3 | *9.4* | A3 | 1 | .. | 38456i |
| 33 | 3010 | 19.5 | +27 27 | 8.6 | *8.7* | A3 | 7 | .. | 37806i |
| 34 | 3692 | 19.5 | + 9 29 | 9.4 | *9.5* | A2 | 3 | .. | 14170b |
| 35 | 3484 | 19.5 | − 1 2 | 9.7 | *10.9* | K5 | 1 | .. | 24025b |
| 36 | 3485 | 19.5 | − 1 54 | 7.62 | *7.96* | F2 | 7 | .. | 24025b |
| 37 | 4602 | 19.5 | − 8 23 | 9.9 | *9.9* | Ao | 2 | .. | 19014b |
| 38 | 4962 | 19.5 | −15 11 | 8.9 | *8.7* | B | 3 | .. | 38079b |
| 39 | 4961 | 19.5 | −15 13 | 10.3 | *10.3* | Ao | 2 | .. | 24169b |
| 40 | 4956 | 19.5 | −18 47 | 11.0 | *11.0* | Ao | 2 | .. | 24169b |
| 41 | 14307 | 19.5 | −24 28 | 10.9 | 9.4 | Ao | 2 | .. | 40711b |
| 42 | 12824 | 19.5 | −27 30 | 8.5 | 9.1 | Ko | 3 | .. | 40326b |
| 43 | 12596 | 19.5 | −35 55 | 10.3 | 9.6 | F8 | 2 | .. | 39272b |
| 44 | 12497 | 19.5 | −40 5 | 9.08 | 9.7 | G5 | 4 | .. | 21880b |
| 45 | 12285 | 19.5 | −47 23 | 10.6 | 10.9 | Ao | 2 | .. | 19962b |
| 46 | 11933 | 19.5 | −50 12 | 11.0 | 10.9 | Ma | 1 | .. | 39457b |
| 47 | 8887 | 19.5 | −54 23 | *9.4* | 10.5 | K2 | 3 | .. | 39457b |
| 48 | 7041 | 19.5 | −60 17 | 8.3 | 9.2 | Go | 4 | .. | 42469b |
| 49 | 3358 | 19.5 | −66 54 | *8.5* | 9.6 | K2 | 1 | .. | 41598b |
| 50 | 2884 | 19.6 | +44 12 | 8.7 | *9.7* | Ko | 2 | .. | 37997i |
| 51 | 2961 | 19.6 | +43 25 | 8.06 | *9.24* | K5 | 2 | .. | 37844i |
| 52 | 3407 | 19.6 | +24 9 | 9.1 | *10.1* | K | 1 | .. | 37806i |
| 53 | 4615 | 19.6 | − 2 5 | 8.7 | *8.7* | Ao | 4 | .. | 24025b |
| 54 | 5039 | 19.6 | −14 2 | 6.84 | *6.60* | Bo | 3 | .. | 44013b |
| 55 | 4964 | 19.6 | −15 6 | 10.3 | *11.1* | G5 | 2 | .. | 24169b |
| 56 | 4963 | 19.6 | −15 29 | 10.1 | *10.2* | A2 | 3 | .. | 24169b |
| 57 | 4864 | 19.6 | −16 34 | 9.4 | *9.7* | F2 | 6 | .. | 24169b |
| 58 | 5189 | 19.6 | −17 21 | 10.6 | *11.4* | G5 | 2 | .. | 24169b |
| 59 | 4718 | 19.6 | −22 4 | 10.1 | 9.6 | A2 | 3 | 2,3 | 40711b |
| 60 | 14350 | 19.6 | −23 16 | Neb. | Neb. | Pd | .. | R | **76**,23 |
| 61 | 13203 | 19.6 | −33 14 | 8.6 | 9.8 | G5 | 3 | .. | 40291b |
| 62 | 13202 | 19.6 | −33 52 | 10.6 | 10.2 | F8 | 2 | .. | 40291b |
| 63 | 12547 | 19.6 | −37 3 | 10.3 | 9.5 | Ao | 2 | .. | 39272b |
| 64 | 13255 | 19.6 | −42 3 | 10.6 | *11.4* | G5 | 2 | .. | 21880b |
| 65 | 12603 | 19.6 | −44 10 | 8.9 | 9.1 | B9 | 6 | .. | 40856b |
| 66 | 12489 | 19.6 | −45 20 | 10.6 | 10.6 | F8 | 2 | .. | 19962b |
| 67 | 12379 | 19.6 | −46 1 | 3.76 | *3.59* | B3 | .. | R | **28**,213 |
| 68 | 12287 | 19.6 | −47 42 | 9.7 | 10.6 | F8 | 2 | .. | 19962b |
| 69 | 7386 | 19.6 | −58 20 | 8.6 | 9.1 | A5 | 3 | .. | 42469b |
| 70 | 539 | 19.7 | +82 22 | 8.9 | *8.9* | Ao | 3 | .. | 37820i |
| 71 | 3067 | 19.7 | +42 57 | 7.8 | *8.8* | Ko | 2 | .. | 37844i |
| 72 | 3327 | 19.7 | +23 37 | 7.7 | *8.7* | Ko | 4 | .. | 37806i |
| 73 | 4653 | 19.7 | − 5 20 | 8.7 | *9.0* | F2 | 3 | .. | 38110b |
| 74 | 4865 | 19.7 | −16 16 | 11.0 | *11.0* | Ao | 3 | .. | 24169b |
| 75 | 4992 | 19.7 | −21 5 | 8.7 | 8.5 | A2 | 5 | .. | 40616b |
| 76 | 14351 | 19.7 | −23 8 | 7.8 | 9.0 | Ko | 4 | .. | 40711b |
| 77 | 14353 | 19.7 | −23 17 | 10.0 | 9.3 | B9 | 3 | .. | 40711b |
| 78 | 13108 | 19.7 | −25 51 | 9.7 | 10.3 | K5 | 2 | .. | 40616b |
| 79 | 12600 | 19.7 | −35 21 | 9.9 | 8.9 | A2 | 4 | .. | 40291b |
| 80 | 12611 | 19.7 | −36 22 | 9.3 | 10.1 | K2 | 1 | .. | 39272b |
| 81 | 12605 | 19.7 | −44 32 | 9.2 | 9.4 | A3 | 5 | .. | 40856b |
| 82 | 11935 | 19.7 | −50 15 | 9.5 | 10.1 | Ko | 3 | .. | 39457b |
| 83 | 11112 | 19.7 | −52 55 | *8.9* | 9.3 | F5 | 4 | .. | 39457b |
| 84 | 9138 | 19.7 | −53 3 | *9.7* | 9.8 | A3 | 3 | .. | 39457b |
| 85 | 1100 | 19.8 | +66 44 | 8.7 | *9.8* | K2 | 1 | .. | 37907b |
| 86 | 1263 | 19.8 | +64 9 | 7.40 | *8.40* | Ko | 5 | .. | 38505i |
| 87 | 2365 | 19.8 | +51 29 | 6.67 | *6.73* | A2 | 8 | .. | 38559i |
| 88 | 3403 | 19.8 | +39 28 | 7.8 | *8.8* | Ko | 2 | .. | 38500i |
| 89 | 3190 | 19.8 | +34 48 | 8.0 | *8.3* | Fo | 2 | .. | 37828i |
| 90 | 3769 | 19.8 | +20 23 | 6.63 | *6.91* | Fo | 8 | .. | 37806i |
| 91 | 3453 | 19.8 | +15 36 | 7.40 | *7.38* | B9 | 5 | .. | 37901i |
| 92 | 3727 | 19.8 | + 5 48 | 8.9 | *8.9* | Ao | 4 | .. | 14170b |
| 93 | 3486 | 19.8 | − 1 38 | 6.11 | *6.53* | F5 | 10 | .. | 24025b |
| 94 | 4600 | 19.8 | − 7 51 | 9.4 | *10.0* | Go | 2 | .. | 19014b |
| 95 | 12837 | 19.8 | −27 23 | 8.7 | 8.3 | B9 | 6 | .. | 40326b |
| 96 | 12839 | 19.8 | −27 51 | 10.0 | 9.5 | G5 | 1 | .. | 40326b |
| 97 | 12807 | 19.8 | −34 41 | 9.7 | 9.2 | B9 | 4 | .. | 40291b |
| 98 | 12795 | 19.8 | −38 24 | 10.3 | 10.3 | A3 | 1 | .. | 39272b |
| 99 | 12500 | 19.8 | −40 49 | 9.3 | 9.5 | Go | 5 | .. | 21880b |
| 100 | 13259 | 19.8 | −42 31 | 10.6 | *11.4* | G5 | 1 | .. | 21880b |



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## 169500 — 18h 19m.8

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 13258 | 19.8 | −42 35 | 10.1 | 10.3 | F8 | 3 | .. | 21880b |
| 2 | 13257 | 19.8 | −42 44 | 9.3 | 9.4 | G5 | 6 | .. | 40856b |
| 3 | 12537 | 19.8 | −43 28 | 9.9 | 11.1 | K2 | 2 | .. | 21880b |
| 4 | 12538 | 19.8 | −43 35 | 10.3 | 10.6 | F5 | 3 | .. | 21880b |
| 5 | 7042 | 19.8 | −60 40 | 8.0 | 9.3 | K2 | 2 | .. | 42469b |
| 6 | 960 | 19.8 | −79 42 | *8.0* | 8.8 | G5 | 3 | .. | 14161b |
| 7 | 579 | 19.9 | +79 23 | 8.5 | *9.1* | Go | 2 | .. | 38044i |
| 8 | 1066 | 19.9 | +67 23 | 7.13 | *8.48* | Ma | 4 | .. | 37907i |
| 9 | 2060 | 19.9 | +55 5 | 7.81 | *8.99* | K5 | 3 | .. | 38015i |
| 10 | 2962 | 19.9 | +43 53 | 8.19 | *8.97* | G5 | 3 | .. | 37844i |
| 11 | 3504 | 19.9 | +10 7 | 7.97 | *9.15* | K5 | 3 | .. | 14170b |
| 12 | 3676 | 19.9 | + 7 10 | 7.84 | *7.82* | B9 | 7 | .. | 14170b |
| 13 | 3488 | 19.9 | − 1 47 | 9.2 | *10.3* | K2 | 1 | .. | 24025b |
| 14 | 4462 | 19.9 | − 4 54 | 8.54 | *8.60* | A2 | 6 | .. | 38110b |
| 15 | 5045 | 19.9 | −12 45 | var. | var. | Pec. | .. | R | M |
| 16 | 4965 | 19.9 | −15 13 | 7.55 | *8.55* | Ko | 6 | .. | 24169b |
| 17 | 4867 | 19.9 | −16 1 | 10.6 | *10.6* | Ao | 3 | .. | 24169b |
| 18 | R | 19.9 | −22 15 | 10.9 | 9.9 | A2 | 2 | 0,2 | 40711b |
| 19 | 12841 | 19.9 | −27 32 | 10.2 | 9.5 | F5 | 1 | .. | 40326b |
| 20 | 14577 | 19.9 | −28 5 | 10.2 | 9.4 | B8 | 2 | .. | 40326b |
| 21 | 15687 | 19.9 | −30 12 | 9.0 | 9.4 | A3 | 4 | .. | 40326b |
| 22 | 12618 | 19.9 | −36 0 | 8.9 | 8.3 | A5 | 5 | .. | 40285b |
| 23 | *12601* | 19.9 | −38 59 | 10.6 | 10.4 | F8 | 3 | .. | 21880b |
| 24 | *12504* | 19.9 | −39 59 | 9.9 | 10.6 | G5 | 2 | .. | 21880b |
| 25 | 13263 | 19.9 | −42 10 | 10.3 | 10.6 | G5 | 3 | .. | 21880b |
| 26 | 12606 | 19.9 | −44 9 | 9.3 | 10.3 | F8 | 3 | .. | 40856b |
| 27 | 12289 | 19.9 | −47 52 | 9.5 | 9.7 | A3 | 6 | .. | 19962b |
| 28 | 11938 | 19.9 | −50 3 | 8.4 | 8.6 | F8 | 6 | .. | 39457b |
| 29 | 11573 | 19.9 | −51 16 | 9.9 | 9.2 | Ao | 5 | .. | 39457b |
| 30 | 3917 | 19.9 | −64 39 | *8.5* | 9.3 | G5 | 3 | .. | 42464b |
| 31 | 1262 | 20.0 | +65 16 | 8.1 | *8.6* | F8 | 3 | .. | 38505i |
| 32 | 3157 | 20.0 | +38 15 | 7.7 | *8.9* | K5 | 1 | .. | 38500i |
| 33 | 3632 | 20.0 | +13 39 | 7.8 | *8.9* | K2 | 1 | .. | 37901i |
| 34 | 4868 | 20.0 | −16 16 | 10.6 | *11.2* | Go | 3 | .. | 24169b |
| 35 | .. | 20.0 | −17 18 | .. | .. | Ao | 3 | .. | 24169b |
| 36 | 4995 | 20.0 | −21 35 | 9.7 | 10.2 | Ao | 3 | .. | 40616b |
| 37 | 14360 | 20.0 | −23 32 | 9.3 | 9.0 | Ao | 3 | .. | 40711b |
| 38 | 13149 | 20.0 | −26 27 | 9.5 | 10.6 | K2 | 1 | .. | 40326b |
| 39 | 14938 | 20.0 | −29 11 | 10.4 | 9.6 | Ao | 3 | .. | 40326b |
| 40 | 14937 | 20.0 | −29 20 | 10.2 | 10.2 | Ao | 2 | .. | 40326b |
| 41 | 14145 | 20.0 | −32 49 | 8.3 | 9.0 | Ko | 4 | .. | 40291b |
| 42 | 13212 | 20.0 | −33 38 | 9.3 | 9.1 | A2 | 4 | .. | 40291b |
| 43 | 13210 | 20.0 | −33 46 | 9.9 | 10.5 | Ko | 1 | .. | 40291b |
| 44 | 12811 | 20.0 | −34 28 | 10.1 | 9.5 | Ao | 3 | .. | 40291b |
| 45 | 12506 | 20.0 | −40 5 | 10.1 | 10.6 | F5 | 2 | .. | 21880b |
| 46 | 11113 | 20.0 | −52 48 | 8.8 | 9.2 | G5 | 4 | .. | 39457b |
| 47 | 8891 | 20.0 | −54 6 | *10.2* | 10.3 | A2 | 2 | .. | 39457b |
| 48 | 8686 | 20.0 | −55 20 | *9.5* | 9.8 | Fo | 4 | .. | 39457b |
| 49 | 2894 | 20.0 | −69 46 | *9.0* | 9.1 | A2 | 4 | .. | 41598b |
| 50 | 3259 | 20.1 | +31 18 | 8.0 | *8.8* | G5 | 2 | .. | 37828i |
| 51 | 3192 | 20.1 | +30 14 | 8.0 | *8.1* | A2 | 3 | .. | 37828i |
| 52 | 3681 | 20.1 | + 8 25 | 9.1 | *9.7* | Go | 1 | .. | 14170b |
| 53 | 3739 | 20.1 | + 6 58 | 8.6 | *9.7* | K2 | 1 | .. | 14170b |
| 54 | 3705 | 20.1 | + 3 26 | 8.0 | *9.0* | Ko | 3 | .. | 37811i |
| 55 | 3489 | 20.1 | − 1 20 | 9.1 | *9.7* | Go | 3 | .. | 24025b |
| 56 | 4758 | 20.1 | − 6 32 | 9.1 | *9.9* | G5 | 2 | .. | 19014b |
| 57 | 13154 | 20.1 | −26 23 | 10.7 | 9.7 | Ao | 1 | .. | 40326b |
| 58 | 12844 | 20.1 | −27 52 | 10.2 | 9.4 | B8 | 2 | .. | 40326b |
| 59 | 15692 | 20.1 | −30 7 | 9.78 | 9.9 | F2 | 2 | .. | 40326b |
| 60 | 15526 | 20.1 | −31 49 | 9.5 | 9.9 | Go | 2 | .. | 40291b |
| 61 | 14147 | 20.1 | −32 58 | 8.73 | 8.5 | A2 | 7 | .. | 40291b |
| 62 | 12605 | 20.1 | −35 20 | 8.3 | 8.4 | F8 | 6 | .. | 40291b |
| 63 | 12505 | 20.1 | −40 29 | 10.8 | 10.3 | A2 | 3 | .. | 21880b |
| 64 | 12792 | 20.1 | −41 16 | 10.3 | 10.3 | F2 | 3 | .. | 21880b |
| 65 | 12290 | 20.1 | −47 56 | 11.0 | 10.6 | Ao | 2 | .. | 19962b |
| 66 | 11941 | 20.1 | −50 14 | 11.0 | 10.4 | Ko | 2 | .. | 39457b |
| 67 | 11576 | 20.1 | −51 29 | 11.0 | 9.8 | Fo | 2 | .. | 39457b |
| 68 | 11114 | 20.1 | −52 9 | 9.0 | 9.5 | Ko | 4 | .. | 39457b |
| 69 | 3553 | 20.1 | −67 0 | 7.7 | 7.7 | Ao | 7 | .. | 41598b |
| 70 | 1682 | 20.1 | −74 1 | 5.86 | 6.7 | K2 | .. | 2,10 | **56**,142 |
| 71 | 2474 | 20.2 | +46 18 | 7.14 | *7.42* | Fo | 5 | .. | 37844i |
| 72 | 2704 | 20.2 | +45 9 | 7.97 | *7.97* | Ao | 3 | .. | 37844i |
| 73 | 3238 | 20.2 | +26 17 | 8.0 | *9.0* | Ko | 3 | .. | 37806i |
| 74 | 3770 | 20.2 | +20 24 | 9.8 | *10.1* | F | 1 | R | 37806i |
| 75 | 3453 | 20.2 | +11 49 | 9.4 | *9.4* | A | 2 | .. | 9437b |
| 76 | 3699 | 20.2 | + 9 40 | 7.9 | *9.1* | K5 | 3 | .. | 14170b |
| 77 | 3729 | 20.2 | + 5 57 | 9.0 | *9.3* | Fo | 4 | .. | 14170b |
| 78 | 3730 | 20.2 | + 5 2 | 6.56 | *6.54* | B9 | 7 | 0,9 | 37811i |
| 79 | 3665 | 20.2 | + 1 11 | 9.19 | *9.75* | Go | 3 | .. | 13401b |
| 80 | 4282 | 20.2 | − 3 24 | 8.5 | *9.6* | K2 | 3 | .. | 24025b |
| 81 | 4654 | 20.2 | − 5 42 | 8.8 | *8.8* | Ao | 2 | .. | 19014b |
| 82 | 4729 | 20.2 | − 9 49 | 8.5 | *8.3* | B | 4 | .. | 40602b |
| 83 | 4870 | 20.2 | −16 4 | 11.0 | *12.0* | Ko | 1 | .. | 24169b |
| 84 | 4869 | 20.2 | −16 20 | 10.6 | *10.6* | Ao | 5 | .. | 24169b |
| 85 | 4719 | 20.2 | −22 43 | 10.3 | 9.1 | Ao | 4 | 0,3 | 40711b |
| 86 | 15696 | 20.2 | −30 27 | 6.74 | 7.5 | Go | .. | 2,8 | **56**,142 |
| 87 | 12814 | 20.2 | −34 3 | 9.9 | 9.2 | B9 | 3 | .. | 40291b |
| 88 | 12606 | 20.2 | −35 25 | 8.9 | 8.4 | Ao | 6 | .. | 40291b |
| 89 | 12607 | 20.2 | −39 19 | 9.9 | 10.0 | Go | 3 | .. | 21880b |
| 90 | 12508 | 20.2 | −40 23 | 10.6 | 10.4 | Ao | 1 | .. | 21880b |
| 91 | 12513 | 20.2 | −48 32 | 9.5 | 9.8 | Fo | 2 | .. | 19962b |
| 92 | 11940 | 20.2 | −50 38 | 11.0 | 10.1 | Go | 2 | .. | 39457b |
| 93 | 11942 | 20.2 | −50 58 | 11.6 | 9.8 | A5 | 3 | .. | 39457b |
| 94 | 11115 | 20.2 | −52 33 | 7.7 | 7.7 | A2 | 10 | .. | 39457b |
| 95 | 3626 | 20.3 | +19 32 | 8.7 | *8.7* | A | 2 | E | 37806i |
| 96 | 3683 | 20.3 | + 8 10 | 9.2 | *9.3* | A2 | 1 | .. | 14170b |
| 97 | 3741 | 20.3 | + 6 43 | 9.0 | *9.1* | A2 | 3 | .. | 14170b |
| 98 | 3479 | 20.3 | − 0 50 | 9.4 | *10.2* | G5 | 2 | .. | 24025b |
| 99 | 4283 | 20.3 | − 3 33 | 8.9 | *9.9* | Ko | 3 | .. | 24025b |
| 100 | 4968 | 20.3 | −15 53 | 9.9 | *11.1* | K5 | 5 | .. | 24169b |



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| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 5192 | 20.3 | −17 51 | 10.1 | *9.9* | B | 2 | .. | 24169b |
| 2 | 4960 | 20.3 | −18 36 | 8.5 | *8.5* | B8 | 8 | .. | 24169b |
| 3 | 5139 | 20.3 | −20 41 | 10.1 | 10.2 | A | 2 | .. | 40616b |
| 4 | 4997 | 20.3 | −21 32 | 10.3 | 10.5 | G5 | 2 | .. | 40616b |
| 5 | 14585 | 20.3 | −28 38 | 9.7 | 10.0 | Ko | 1 | .. | 40326b |
| 6 | 12610 | 20.3 | −35 23 | 8.3 | 9.0 | K2 | 4 | .. | 40291b |
| 7 | 12612 | 20.3 | −35 58 | 8.3 | 9.2 | Go | 2 | .. | 40285b |
| 8 | 12558 | 20.3 | −37 21 | 9.9 | 9.3 | Ao | 2 | .. | 39272b |
| 9 | 12509 | 20.3 | −40 38 | 9.9 | *10.9* | Ko | 2 | .. | 21880b |
| 10 | 12795 | 20.3 | −41 57 | 9.3 | 10.0 | Ao | 4 | .. | 21880b |
| 11 | 12496 | 20.3 | −45 47 | 9.5 | 10.9 | K5 | 2 | .. | 19962b |
| 12 | 11943 | 20.3 | −50 50 | 10.6 | 10.7 | G5 | 1 | .. | 39457b |
| 13 | 9054 | 20.3 | −57 12 | 8.6 | 9.1 | F8 | 4 | .. | 42469b |
| 14 | 2258 | 20.3 | −72 45 | *8.0* | 8.8 | G5 | 5 | .. | 21336b |
| 15 | 1910 | 20.3 | −73 11 | *8.4* | 8.9 | F8 | 5 | .. | 21336b |
| 16 | 1613 | 20.4 | +62 22 | 8.3 | *9.5* | K5 | 1 | .. | 38505i |
| 17 | 3159 | 20.4 | +38 18 | 6.83 | *6.83* | Ao | 7 | .. | 38500i |
| 18 | 3736 | 20.4 | + 4 9 | 9.4 | *9.4* | Ao | 1 | .. | 13401b |
| 19 | 3480 | 20.4 | − 0 18 | 9.4 | *9.8* | F5 | 3 | .. | 24025b |
| 20 | 4620 | 20.4 | − 2 12 | 9.2 | *9.2* | Ao | 5 | .. | 24025b |
| 21 | *4871* | 20.4 | −15 59 | 8.3 | *9.3* | Ko | 7 | .. | 24169b |
| 22 | 4961 | 20.4 | −18 29 | 10.6 | *10.6* | Ao | 2 | .. | 24169b |
| 23 | 14362 | 20.4 | −23 24 | 10.2 | 8.7 | B8 | 3 | .. | 40711b |
| 24 | 13217 | 20.4 | −33 10 | 10.1 | 9.3 | Ao | 3 | .. | 40291b |
| 25 | 13218 | 20.4 | −33 29 | 10.6 | 10.1 | Go | 1 | .. | 40291b |
| 26 | 11580 | 20.4 | −51 15 | 8.3 | 8.9 | Ko | 6 | .. | 39457b |
| 27 | 7391 | 20.4 | −58 31 | 8.4 | 9.3 | Ko | 3 | .. | 42469b |
| 28 | 3524 | 20.5 | +14 5 | 7.7 | *7.7* | B9 | 5 | .. | 37901i |
| 29 | 3679 | 20.5 | + 7 3 | 9.4 | *9.4* | Ao | 2 | .. | 14170b |
| 30 | 3731 | 20.5 | + 5 20 | 9.2 | *10.3* | K2 | 1 | .. | 14170b |
| 31 | 3481 | 20.5 | − 0 53 | 9.7 | *10.9* | K5 | 1 | .. | 24025b |
| 32 | 4731 | 20.5 | − 9 31 | 8.7 | *9.7* | Ko | 1 | .. | 40602b |
| 33 | 5044 | 20.5 | −14 51 | 8.21 | *8.71* | F8 | 2 | 3,8 | 44013b |
| 34 | 4872 | 20.5 | −16 49 | 9.4 | *10.2* | G5 | 5 | .. | 24169b |
| 35 | 4722 | 20.5 | −22 15 | 9.43 | 11.0 | K2 | 1 | .. | 40616b |
| 36 | 13121 | 20.5 | −25 58 | 10.0 | 9.4 | G5 | 4 | .. | 40616b |
| 37 | 15535 | 20.5 | −31 10 | 10.4 | 10.2 | Ao | 1 | .. | 40291b |
| 38 | 12801 | 20.5 | −38 30 | 8.9 | 8.6 | B9 | 5 | .. | 40285b |
| 39 | 12799 | 20.5 | −41 39 | 9.9 | 10.3 | B9 | 3 | .. | 21880b |
| 40 | 13273 | 20.5 | −42 56 | 9.2 | 9.5 | G5 | 5 | .. | 40856b |
| 41 | 12548 | 20.5 | −43 6 | 10.3 | 11.6 | Ko | 1 | .. | 21880b |
| 42 | 12145 | 20.5 | −49 29 | 8.4 | 8.9 | A2 | 5 | .. | 19962b |
| 43 | 12147 | 20.5 | −49 34 | 8.0 | 8.9 | Ko | 2 | .. | 19962b |
| 44 | 11582 | 20.5 | −51 29 | 10.6 | 9.8 | F5 | 2 | .. | 39457b |
| 45 | 9146 | 20.5 | −53 54 | 7.4 | 8.3 | K2 | 6 | .. | 39457b |
| 46 | 3160 | 20.6 | +38 42 | 6.45 | *7.52* | K2 | 5 | 0,3 | 38500i |
| 47 | 3191 | 20.6 | +34 27 | 7.7 | *8.7* | Ko | 3 | .. | 37828i |
| 48 | 3419 | 20.6 | +21 8 | 7.7 | *8.7* | Ko | 4 | .. | 37806i |
| 49 | 3456 | 20.6 | +11 2 | 8.7 | *9.2* | F8 | 3 | .. | 14170b |
| 50 | 4605 | 20.6 | − 8 13 | 7.9 | *7.9* | Ao | 6 | .. | 19014b |
| 51 | 4975 | 20.6 | −13 25 | 8.1 | *9.1* | Ko | 4 | 0,1 | 38079b |
| 52 | 4962 | 20.6 | −18 9 | 8.1 | *8.2* | A2 | 3 | R | 38079b |
| 53 | | 20.6 | −18 9 | | | Go | | | |
| 54 | 5140 | 20.6 | −20 20 | 9.7 | 9.9 | A | 2 | E | 40616b |
| 55 | 5141 | 20.6 | −20 55 | 9.4 | 10.5 | Ko | 2 | .. | 40616b |
| 56 | 5002 | 20.6 | −21 51 | 9.9 | 10.8 | Ko | 1 | .. | 40616b |
| 57 | 14366 | 20.6 | −23 29 | 7.9 | 7.8 | B9 | 5 | .. | 40711b |
| 58 | 12850 | 20.6 | −27 25 | 11.2 | 10.2 | Ao | 1 | .. | 40326b |
| 59 | 15704 | 20.6 | −30 7 | 9.43 | 9.0 | A2 | 3 | .. | 40326b |
| 60 | 15538 | 20.6 | −31 26 | 7.43 | 8.1 | Ko | 5 | .. | 40326b |
| 61 | 12817 | 20.6 | −34 3 | 9.9 | 9.5 | B9 | 2 | .. | 40291b |
| 62 | 12804 | 20.6 | −41 1 | 9.9 | 10.3 | B8 | 2 | .. | 21880b |
| 63 | 9148 | 20.6 | −53 28 | 9.0 | 10.6 | K5 | 1 | .. | 39457b |
| 64 | 8895 | 20.6 | −54 45 | 8.8 | 9.4 | F8 | 4 | .. | 39457b |
| 65 | 282 | 20.6 | −87 18 | *9.1* | 10.3 | K5 | 3 | .. | 22980b |
| 66 | 884 | 20.7 | +71 28 | 7.8 | *8.2* | F5 | 7 | .. | 38095i |
| 67 | 2785 | 20.7 | +49 55 | 8.32 | *9.50* | K5 | 1 | .. | 38559i |
| 68 | 3118 | 20.7 | +32 5 | 7.8 | *7.8* | Ao | 4 | .. | 37828i |
| 69 | 3737 | 20.7 | + 4 33 | 8.0 | *8.0* | Ao | 3 | .. | 37811i |
| 70 | 3668 | 20.7 | + 1 17 | 8.9 | *9.9* | Ko | 2 | .. | 13401b |
| 71 | 4466 | 20.7 | − 4 59 | 8.60 | *8.66* | A2 | 4 | .. | 38110b |
| 72 | 4977 | 20.7 | −13 3 | 8.5 | *9.5* | Ko | 1 | .. | 39406b |
| 73 | 4970 | 20.7 | −15 41 | 7.17 | *7.05* | B5 | 4 | .. | 44013b |
| 74 | 5193 | 20.7 | −17 12 | 10.1 | *10.5* | F5 | 4 | .. | 24169b |
| 75 | 4963 | 20.7 | −18 18 | 10.7 | *10.7* | Ao | 4 | .. | 24169b |
| 76 | 4724 | 20.7 | −22 58 | 10.1 | 10.5 | G5 | 2 | .. | 40616b |
| 77 | 14953 | 20.7 | −29 16 | 10.4 | 11.0 | Ko | 1 | .. | 40326b |
| 78 | 14952 | 20.7 | −29 34 | 8.5 | 8.2 | Ao | 7 | .. | 40326b |
| 79 | 12632 | 20.7 | −36 4 | 6.83 | 7.4 | B9 | 9 | .. | 40285b |
| 80 | 12631 | 20.7 | −36 56 | 7.9 | 7.6 | Ao | 7 | .. | 40285b |
| 81 | 12511 | 20.7 | −40 22 | 9.9 | 10.6 | Ko | 1 | .. | 21880b |
| 82 | 12805 | 20.7 | −41 39 | 9.9 | 10.6 | B9 | 2 | .. | 21880b |
| 83 | 13276 | 20.7 | −42 35 | 10.1 | *10.6* | F8 | 1 | .. | 21880b |
| 84 | 11120 | 20.7 | −52 29 | *9.8* | 9.8 | Ao | 3 | .. | 39457b |
| 85 | 9151 | 20.7 | −53 8 | *9.5* | 10.3 | G5 | 2 | .. | 39457b |
| 86 | 3109 | 20.8 | +37 39 | 8.0 | *9.0* | Ko | 1 | .. | 37828i |
| 87 | 3195 | 20.8 | +34 13 | 8.2 | *9.3* | K2 | 1 | .. | 37828i |
| 88 | 3197 | 20.8 | +30 45 | 8.5 | *9.5* | Ko | 2 | .. | 37828i |
| 89 | 3682 | 20.8 | + 7 59 | 5.69 | *6.25* | Go | 9 | R | 14170b |
| 90 | | 20.8 | + 7 59 | | | A3 | | | |
| 91 | 3490 | 20.8 | − 1 44 | 8.5 | *8.5* | Ao | 7 | .. | 24025b |
| 92 | 4761 | 20.8 | − 6 41 | 9.2 | *9.6* | F5 | 2 | .. | 19014b |
| 93 | 4602 | 20.8 | − 7 41 | 8.0 | *8.5* | F8 | 6 | .. | 19014b |
| 94 | 4876 | 20.8 | −16 15 | 11.0 | *11.0* | Ao | 3 | .. | 24169b |
| 95 | 4875 | 20.8 | −16 43 | 10.6 | *10.5* | B5 | 4 | .. | 24169b |
| 96 | 5194 | 20.8 | −17 43 | 8.3 | *8.3* | Ao | 9 | .. | 24169b |
| 97 | 13169 | 20.8 | −26 35 | 10.0 | 8.8 | B9 | 3 | .. | 40326b |
| 98 | 13170 | 20.8 | −26 39 | 10.4 | 9.4 | A2 | 2 | .. | 40326b |
| 99 | 14954 | 20.8 | −29 23 | 10.9 | 11.0 | Ao | 1 | .. | 40326b |
| 100 | 12821 | 20.8 | −34 48 | 8.3 | 8.9 | Ko | 4 | .. | 40291b |



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## 169700 — 18h 20m.8

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12502 | 20.8 | −45 55 | 9.5 | 10.2 | G5 | 4 | .. | 19962b |
| 2 | 3410 | 20.9 | +39 27 | 5.04 | *5.10* | A2 | .. | R | **56**,95 |
| 3 | 4964 | 20.9 | −18 17 | 11.0 | *11.8* | G5 | 1 | .. | 24169b |
| 4 | 5004 | 20.9 | −21 35 | 9.9 | 9.4 | B5 | 4 | .. | 40616b |
| 5 | 15545 | 20.9 | −31 56 | 9.5 | 9.6 | F8 | 3 | .. | 40291b |
| 6 | 13225 | 20.9 | −33 28 | 7.14 | 7.6 | Ko | .. | 0,8 | **56**,142 |
| 7 | 13222 | 20.9 | −33 36 | 11.0 | 10.5 | Ao | 1 | .. | 40291b |
| 8 | 12640 | 20.9 | −36 35 | 10.1 | 9.2 | Go | 1 | .. | 39272b |
| 9 | 12812 | 20.9 | −41 4 | 9.3 | 8.8 | B8 | 6 | .. | 21880b |
| 10 | 13283 | 20.9 | −42 1 | 8.5 | 8.0 | B9 | 8 | .. | 40856b |
| 11 | 12299 | 20.9 | −47 58 | 9.5 | 10.9 | G5 | 1 | .. | 19962b |
| 12 | 12524 | 20.9 | −48 49 | 9.3 | 9.2 | Ao | 3 | .. | 19962b |
| 13 | 12525 | 20.9 | −48 51 | 9.1 | 8.6 | A2 | 4 | .. | 19962b |
| 14 | 4421 | 20.9 | −63 13 | *7.9* | 8.9 | Ko | 4 | .. | 42464b |
| 15 | 1978 | 21.0 | +54 2 | 8.2 | *9.3* | K2 | 1 | .. | 38559i |
| 16 | 3071 | 21.0 | +42 4 | 8.7 | *9.8* | K2 | 1 | .. | 38500i |
| 17 | 3096 | 21.0 | +33 46 | 8.5 | *8.9* | F5 | 1 | .. | 37828i |
| 18 | 3016 | 21.0 | +27 20 | 6.20 | *6.20* | Ao | 9 | .. | 37806i |
| 19 | 3329 | 21.0 | +23 3 | 9.0 | *10.0* | Ko | 2 | .. | 37806i |
| 20 | 3531 | 21.0 | +14 41 | 7.49 | *8.49* | Ko | 2 | .. | 37901i |
| 21 | 3683 | 21.0 | + 7 2 | 7.9 | *8.3* | F5 | 6 | .. | 14170b |
| 22 | 3732 | 21.0 | + 5 37 | 9.4 | *10.6* | K5 | 1 | .. | 14170b |
| 23 | 3738 | 21.0 | + 4 35 | 8.9 | *9.4* | F8 | 2 | .. | 13401b |
| 24 | 3670 | 21.0 | + 1 38 | 8.5 | *8.9* | F5 | 5 | .. | 13401b |
| 25 | 3931 | 21.0 | + 0 44 | 6.90 | *6.98* | A3 | 7 | .. | 37811i |
| 26 | 5048 | 21.0 | −12 21 | 9.4 | *9.4* | B9 | 1 | .. | 39406b |
| 27 | 4979 | 21.0 | −13 43 | 9.4 | *9.2* | Bo | 2 | .. | 39406b |
| 28 | 5195 | 21.0 | −17 18 | 10.3 | *11.1* | G5 | 2 | .. | 24169b |
| 29 | 4965 | 21.0 | −18 41 | 9.4 | *10.4* | Ko | 5 | .. | 24169b |
| 30 | 14337 | 21.0 | −24 4 | 10.4 | 10.2 | F | 1 | .. | 40616b |
| 31 | 14339 | 21.0 | −24 53 | 10.2 | 9.4 | B8 | 3 | .. | 40616b |
| 32 | 14596 | 21.0 | −28 33 | 11.6 | 10.2 | A2 | 2 | .. | 40326b |
| 33 | 15711 | 21.0 | −30 7 | 9.53 | 9.6 | A2 | 2 | .. | 40326b |
| 34 | 15710 | 21.0 | −30 10 | 9.5 | 9.3 | Go | 2 | .. | 40326b |
| 35 | 14162 | 21.0 | −32 27 | 9.3 | 10.1 | G5 | 2 | .. | 40291b |
| 36 | 12823 | 21.0 | −34 13 | 8.6 | 9.6 | Ko | 3 | .. | 40291b |
| 37 | 12645 | 21.0 | −36 33 | 8.6 | 9.6 | Ko | 3 | .. | 40285b |
| 38 | 12554 | 21.0 | −43 41 | 9.5 | 10.6 | Ko | 3 | .. | 40856b |
| 39 | 12619 | 21.0 | −44 52 | 9.36 | 10.6 | G5 | 2 | .. | 40856b |
| 40 | 12300 | 21.0 | −47 12 | 9.7 | 11.4 | K5 | 1 | .. | 19962b |
| 41 | 11122 | 21.0 | −52 57 | *9.8* | 11.2 | Ma | 1 | .. | 39457b |
| 42 | 8896 | 21.0 | −54 30 | *9.2* | 10.3 | K2 | 2 | .. | 39457b |
| 43 | *8692* | 21.0 | −54 59 | 9.2 | 10.0 | G5 | 3 | .. | 39457b |
| 44 | 3134 | 21.0 | −68 1 | *8.2* | 8.2 | B9 | 6 | 1,7 | 41442b |
| 45 | 1979 | 21.1 | +54 22 | 7.63 | *7.69* | A2 | 7 | .. | 38559i |
| 46 | 2970 | 21.1 | +43 51 | 7.05 | *8.40* | Ma | 5 | 0,5 | 37997i |
| 47 | 3197 | 21.1 | +34 53 | 8.57 | *8.85* | F | 1 | .. | 37828i |
| 48 | 3095 | 21.1 | +33 7 | 8.1 | *8.7* | Go | 3 | .. | 37828i |
| 49 | 3705 | 21.1 | + 9 57 | 8.37 | *8.45* | A3 | 7 | .. | 14170b |
| 50 | 4623 | 21.1 | − 2 57 | 9.57 | *10.07* | F8 | 3 | .. | 24025b |
| 51 | 4603 | 21.1 | − 7 11 | 8.6 | *9.7* | K2 | 3 | .. | 19014b |
| 52 | 4606 | 21.1 | − 8 15 | 7.50 | *7.50* | Ao | 3 | 0,8 | 44013b |
| 53 | 4736 | 21.1 | − 9 15 | var. | var. | B2 | 6 | R | 19014b |
| 54 | 4631 | 21.1 | −11 25 | 8.1 | *7.9* | B2 | 3 | .. | 38079b |
| 55 | 5050 | 21.1 | −14 34 | 9.7 | *9.5* | Bo | 2 | .. | 38079b |
| 56 | .. | 21.1 | −16 18 | .. | .. | A | 1 | .. | 24169b |
| 57 | 5196 | 21.1 | −17 15 | 7.9 | *8.0* | A3 | 9 | .. | 24169b |
| 58 | 4966 | 21.1 | −18 24 | 9.4 | *9.4* | B8 | 7 | .. | 24169b |
| 59 | 4967 | 21.1 | −18 33 | 8.7 | *9.7* | Ko | 8 | 0,2 | 24169b |
| 60 | 14340 | 21.1 | −24 5 | 10.9 | 10.2 | A | 2 | .. | 40711b |
| 61 | 14598 | 21.1 | −28 49 | 10.2 | 10.2 | F8 | 1 | .. | 40326b |
| 62 | 15547 | 21.1 | −31 35 | 8.0 | 8.4 | A2 | 5 | .. | 40326b |
| 63 | 12518 | 21.1 | −40 4 | 8.9 | 10.4 | G5 | 2 | .. | 21880b |
| 64 | 12815 | 21.1 | −41 30 | 9.9 | 9.4 | A2 | 3 | .. | 21880b |
| 65 | 12391 | 21.1 | −46 26 | 9.2 | 9.7 | K2 | 3 | .. | 19962b |
| 66 | 12393 | 21.1 | −46 48 | 7.9 | 8.5 | Go | 8 | .. | 19962b |
| 67 | 12153 | 21.1 | −49 7 | 4.14 | 5.9 | Ko | .. | R | **28**,213 |
| 68 | 11947 | 21.1 | −50 31 | 9.7 | 9.8 | Ko | 3 | .. | 39457b |
| 69 | 8897 | 21.1 | −54 31 | *9.0* | 10.0 | Ko | 2 | .. | 39457b |
| 70 | 8693 | 21.1 | −55 5 | *9.4* | 10.0 | Go | 4 | .. | 39457b |
| 71 | 9061 | 21.1 | −57 35 | 9.0 | 9.1 | F8 | 3 | .. | 42469b |
| 72 | 7053 | 21.1 | −60 44 | 8.8 | 8.7 | A2 | 4 | .. | 42469b |
| 73 | 3363 | 21.1 | −66 30 | *8.5* | 8.6 | A3 | 3 | .. | 41598b |
| 74 | 3556 | 21.1 | −67 46 | *9.1* | 9.2 | A2 | 2 | .. | 41442b |
| 75 | 410 | 21.2 | +84 21 | 8.7 | *9.0* | Fo | 3 | .. | 37294i |
| 76 | 1980 | 21.2 | +54 14 | 8.3 | *9.3* | Ko | 1 | .. | 38559i |
| 77 | 2575 | 21.2 | +50 45 | 8.7 | *9.1* | F5 | 1 | .. | 38559i |
| 78 | 3074 | 21.2 | +42 25 | 6.69 | *6.75* | A2 | 10 | .. | 37844i |
| 79 | 3246 | 21.2 | +26 40 | 9.2 | *10.0* | G5 | 2 | .. | 37806i |
| 80 | 3425 | 21.2 | +21 58 | 8.1 | *8.9* | G5 | 6 | .. | 37806i |
| 81 | 3509 | 21.2 | +10 5 | 8.52 | *8.52* | Ao | 4 | .. | 14170b |
| 82 | 5049 | 21.2 | −12 44 | 10.1 | *10.1* | B9 | 1 | .. | 39406b |
| 83 | 4981 | 21.2 | −13 55 | 8.5 | *9.5* | Ko | 3 | .. | 38079b |
| 84 | 4877 | 21.2 | −16 5 | 10.6 | *11.2* | Go | 2 | .. | 24169b |
| 85 | 4968 | 21.2 | −18 18 | 9.7 | *10.9* | K5 | 4 | .. | 24169b |
| 86 | 13137 | 21.2 | −25 16 | 10.4 | 9.5 | B9 | 2 | .. | 40616b |
| 87 | 14958 | 21.2 | −29 9 | 10.7 | 9.9 | B9 | 3 | .. | 40326b |
| 88 | 14165 | 21.2 | −32 10 | 7.9 | 8.2 | A2 | 8 | .. | 40291b |
| 89 | 12824 | 21.2 | −34 10 | 9.9 | 9.3 | B8 | 4 | .. | 40291b |
| 90 | 12650 | 21.2 | −36 21 | 10.6 | 9.9 | A3 | 2 | .. | 39272b |
| 91 | 12806 | 21.2 | −38 24 | 7.9 | 7.2 | B9 | 7 | .. | 40285b |
| 92 | 12623 | 21.2 | −39 49 | 8.88 | 8.5 | Ao | 7 | .. | 21880b |
| 93 | 12622 | 21.2 | −44 13 | 9.9 | 10.2 | Go | 3 | .. | 40856b |
| 94 | 12395 | 21.2 | −46 47 | 10.1 | 10.0 | Ao | 3 | .. | 19962b |
| 95 | 11951 | 21.2 | −50 7 | 9.7 | 9.8 | A2 | 3 | .. | 39457b |
| 96 | 9159 | 21.2 | −53 9 | *10.5* | 10.5 | Ao | 2 | .. | 39457b |
| 97 | 3247 | 21.3 | +26 1 | 7.7 | *8.7* | Ko | 4 | .. | 37806i |
| 98 | 3358 | 21.3 | +22 39 | 6.72 | *6.55* | B3 | 8 | .. | 37806i |
| 99 | 3521 | 21.3 | +12 44 | 8.9 | *8.9* | A | 3 | E | 9437b |
| 100 | 3707 | 21.3 | + 9 14 | 8.5 | *9.6* | K2 | 2 | .. | 14170b |



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| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4657 | 21.3 | − 5 40 | 8.1 | *8.4* | Fo | 5 | .. | 19014b |
| 2 | 5051 | 21.3 | −14 15 | 10.3 | *10.3* | B9 | 1 | .. | 39406b |
| 3 | 5052 | 21.3 | −14 32 | 10.1 | *10.1* | B9 | 2 | .. | 38079b |
| 4 | 5197 | 21.3 | −17 23 | 8.7 | *9.9* | K5 | 3 | .. | 24169b |
| 5 | 5007 | 21.3 | −19 1 | 8.7 | 8.5 | B8 | 5 | .. | 14619b |
| 6 | 5005 | 21.3 | −21 44 | 9.4 | 9.6 | Ao | 3 | .. | 40616b |
| 7 | 15550 | 21.3 | −31 52 | 9.3 | 9.8 | G5 | 3 | .. | 40291b |
| 8 | 14167 | 21.3 | −32 24 | 8.9 | 10.5 | K2 | 1 | .. | 40291b |
| 9 | 12626 | 21.3 | −35 7 | 11.7 | *13.1* | Ma | .. | .. | M |
| 10 | 12652 | 21.3 | −36 15 | 9.7 | 9.9 | Ko | 2 | .. | 39272b |
| 11 | 12577 | 21.3 | −37 25 | 8.3 | 8.9 | Fo | 4 | .. | 40285b |
| 12 | 12520 | 21.3 | −40 34 | 8.3 | 9.4 | Go | 5 | .. | 21880b |
| 13 | 12819 | 21.3 | −41 31 | 9.3 | 9.4 | A2 | 4 | .. | 21880b |
| 14 | 12396 | 21.3 | −46 15 | 7.7 | 8.8 | K2 | 6 | .. | 19962b |
| 15 | 12303 | 21.3 | −47 56 | 9.1 | 11.0 | Ko | 1 | .. | 19962b |
| 16 | 2372 | 21.4 | +51 34 | 8.1 | *8.9* | G5 | 2 | .. | 38559i |
| 17 | 3200 | 21.4 | +34 58 | 8.32 | *9.32* | K | 1 | .. | 37828i |
| 18 | 2996 | 21.4 | +28 1 | 8.0 | *8.0* | B9 | 4 | .. | 37806i |
| 19 | 3520 | 21.4 | +25 56 | 8.0 | *9.0* | Ko | 2 | .. | 37806i |
| 20 | 3533 | 21.4 | +14 55 | 6.45 | *6.43* | B9 | 9 | .. | 37901i |
| 21 | 3461 | 21.4 | +11 2 | 9.2 | *9.2* | Ao | 3 | .. | 14170b |
| 22 | 3689 | 21.4 | + 8 44 | 7.9 | *8.7* | G5 | 6 | .. | 14170b |
| 23 | 4762 | 21.4 | − 6 29 | 8.3 | *8.8* | F8 | 5 | .. | 19014b |
| 24 | 4608 | 21.4 | − 8 27 | 9.4 | *10.0* | Go | 2 | .. | 40602b |
| 25 | 4880 | 21.4 | −16 4 | 11.0 | *11.0* | B8 | 2 | .. | 24169b |
| 26 | 4879 | 21.4 | −16 56 | 10.3 | *10.3* | B9 | 3 | .. | 24169b |
| 27 | 5198 | 21.4 | −17 21 | 9.1 | *9.0* | B5 | 8 | .. | 24169b |
| 28 | 4969 | 21.4 | −18 27 | 9.4 | *10.5* | K2 | 3 | .. | 24169b |
| 29 | 13181 | 21.4 | −26 22 | 10.0 | 9.5 | Ao | 2 | .. | 40326b |
| 30 | 14965 | 21.4 | −29 53 | 5.86 | 7.0 | Go | .. | *2,9* | **56**,142 |
| 31 | 13234 | 21.4 | −33 23 | var. | var. | Md | .. | R | M |
| 32 | 12654 | 21.4 | −36 2 | 8.3 | 8.0 | B9 | 8 | .. | 40285b |
| 33 | 12525 | 21.4 | −40 10 | 8.3 | 10.0 | K5 | 4 | .. | 21880b |
| 34 | 12522 | 21.4 | −40 41 | 9.9 | 10.4 | Go | 3 | .. | 21880b |
| 35 | 11125 | 21.4 | −52 20 | *9.7* | 9.8 | A5 | 2 | .. | 39457b |
| 36 | 9063 | 21.4 | −57 35 | 5.79 | 7.4 | Ko | .. | 0,9 | **56**,142 |
| 37 | 3136 | 21.4 | −68 24 | *8.5* | 8.9 | F5 | 3 | .. | 41598b |
| 38 | 1423 | 21.4 | −75 43 | *9.4* | 9.5 | A5 | 2 | .. | 19008b |
| 39 | 530 | 21.5 | +83 39 | 7.82 | *8.60* | G5 | 3 | .. | 37294i |
| 40 | 3463 | 21.5 | +15 42 | 7.40 | *7.74* | F2 | 4 | .. | 37901i |
| 41 | 3691 | 21.5 | + 8 48 | 9.1 | *10.1* | Ko | 1 | .. | 14170b |
| 42 | 3752 | 21.5 | + 6 47 | 9.4 | *9.4* | Ao | 4 | .. | 14170b |
| 43 | 3737 | 21.5 | + 5 15 | 9.0 | *10.2* | K5 | 1 | .. | 14170b |
| 44 | 3743 | 21.5 | + 4 9 | 9.2 | *9.2* | Ao | 2 | .. | 13401b |
| 45 | 3483 | 21.5 | − 0 0 | 9.7 | *9.7* | Ao | 3 | .. | 24025b |
| 46 | 3484 | 21.5 | − 0 15 | 8.4 | *8.8* | F5 | 7 | .. | 24025b |
| 47 | 5199 | 21.5 | −17 0 | 9.4 | *9.4* | B8 | 7 | .. | 24169b |
| 48 | 4730 | 21.5 | −22 27 | 10.3 | 11.3 | K | 1 | .. | 40616b |
| 49 | 4729 | 21.5 | −22 42 | 10.3 | 9.6 | B9 | 3 | .. | 40616b |
| 50 | 14353 | 21.5 | −24 38 | 10.9 | 9.7 | Ao | 2 | .. | 40616b |
| 51 | 13184 | 21.5 | −26 41 | 6.23 | 6.1 | A5 | .. | 0,10 | **28**,213 |
| 52 | 15553 | 21.5 | −31 38 | 10.2 | 9.6 | Ao | 3 | .. | 40326b |
| 53 | 12626 | 21.5 | −39 3 | 5.65 | 6.2 | A2 | .. | 0,10 | **56**,142 |
| 54 | 12523 | 21.5 | −40 19 | 8.6 | 9.5 | K2 | 5 | .. | 21880b |
| 55 | 12823 | 21.5 | −41 3 | 8.6 | 8.6 | B9 | 6 | .. | 21880b |
| 56 | 12560 | 21.5 | −43 21 | 10.1 | 10.6 | F8 | 2 | .. | 40856b |
| 57 | 12624 | 21.5 | −44 8 | 10.1 | 10.3 | Go | 3 | .. | 40856b |
| 58 | 12511 | 21.5 | −45 44 | 10.1 | 10.2 | G5 | 3 | .. | 19962b |
| 59 | 12402 | 21.5 | −46 9 | 9.9 | 9.7 | A2 | 4 | .. | 19962b |
| 60 | 12400 | 21.5 | −46 27 | 9.3 | 9.4 | F8 | 4 | .. | 19962b |
| 61 | 11592 | 21.5 | −51 22 | 10.6 | 9.8 | Go | 2 | .. | 39457b |
| 62 | 11591 | 21.5 | −51 53 | 9.7 | 9.8 | K2 | 3 | .. | 39457b |
| 63 | 3923 | 21.5 | −64 11 | *9.1* | 9.2 | A3 | 2 | .. | 42464b |
| 64 | 2555 | 21.5 | −70 10 | *8.6* | 9.4 | G5 | 1 | .. | 41442b |
| 65 | 3690 | 21.6 | + 8 24 | 8.7 | *9.7* | Ko | 2 | .. | 14170b |
| 66 | 3485 | 21.6 | − 0 10 | 9.4 | *9.9* | F8 | 2 | .. | 24025b |
| 67 | 4763 | 21.6 | − 6 18 | 8.3 | *9.4* | K2 | 3 | .. | 19014b |
| 68 | 4764 | 21.6 | − 6 34 | 8.9 | *9.2* | F2 | 2 | .. | 19014b |
| 69 | 5053 | 21.6 | −14 46 | 8.6 | *8.6* | B8 | 3 | .. | 38079b |
| 70 | 4971 | 21.6 | −15 46 | 9.9 | *10.4* | F8 | 3 | .. | 24169b |
| 71 | 14170 | 21.6 | −32 0 | 10.3 | 10.5 | G5 | 2 | .. | 40291b |
| 72 | 14171 | 21.6 | −32 31 | 7.9 | 7.2 | Ao | 9 | .. | 40291b |
| 73 | 13239 | 21.6 | −33 24 | 8.62 | 8.2 | B9 | 7 | .. | 40291b |
| 74 | 12635 | 21.6 | −35 24 | 8.9 | 9.2 | A2 | 4 | .. | 40291b |
| 75 | 12663 | 21.6 | −36 9 | 10.3 | 10.1 | F8 | 2 | .. | 39272b |
| 76 | 12660 | 21.6 | −36 15 | 8.9 | 9.8 | Ko | 3 | .. | 39272b |
| 77 | 12814 | 21.6 | −38 55 | 7.60 | 7.6 | B9 | 7 | .. | 40285b |
| 78 | 12827 | 21.6 | −41 12 | 9.9 | 9.4 | B9 | 5 | .. | 21880b |
| 79 | 13292 | 21.6 | −42 27 | 11.6 | *11.7* | A2 | 1 | .. | 21880b |
| 80 | 12629 | 21.6 | −44 28 | 9.2 | 10.6 | G5 | 2 | .. | 40856b |
| 81 | 12308 | 21.6 | −47 14 | 7.9 | 8.5 | G5 | 7 | .. | 19962b |
| 82 | 11594 | 21.6 | −51 8 | 11.6 | 10.4 | F2 | 1 | .. | 39457b |
| 83 | 7277 | 21.6 | −59 21 | 8.0 | 9.6 | K5 | 3 | .. | 42469b |
| 84 | 4422 | 21.6 | −63 6 | *7.9* | 7.9 | Ao | 7 | .. | 42464b |
| 85 | 2079 | 21.7 | +53 15 | 6.21 | *6.27* | A2 | 9 | .. | 38559i |
| 86 | 3019 | 21.7 | +27 38 | 8.2 | *8.6* | F5 | 6 | .. | 37806i |
| 87 | 3250 | 21.7 | +26 35 | 8.8 | *8.8* | Ao | 3 | .. | 37806i |
| 88 | 3427 | 21.7 | +21 32 | 8.6 | *8.6* | Ao | 5 | .. | 37806i |
| 89 | 3692 | 21.7 | + 8 34 | 8.5 | *9.3* | G5 | 4 | .. | 14170b |
| 90 | 3689 | 21.7 | + 7 37 | 8.7 | *9.3* | Go | 2 | .. | 14170b |
| 91 | 4610 | 21.7 | − 8 56 | 9.4 | *10.4* | Ko | 1 | .. | 40602b |
| 92 | 4696 | 21.7 | −10 14 | 9.4 | *9.4* | Ao | 1 | .. | 38079b |
| 93 | .. | 21.7 | −16 20 | .. | .. | B9 | 2 | .. | 24169b |
| 94 | 5200 | 21.7 | −17 14 | 9.7 | *9.7* | Ao | 4 | .. | 24169b |
| 95 | 4971 | 21.7 | −18 0 | 10.6 | *11.8* | K5 | 2 | .. | 24169b |
| 96 | 13241 | 21.7 | −33 51 | 10.8 | 9.6 | Ao | 2 | .. | 40291b |
| 97 | 12666 | 21.7 | −36 36 | 9.9 | 9.3 | Ao | 3 | .. | 40285b |
| 98 | 12829 | 21.7 | −41 44 | 7.9 | 9.1 | K2 | 4 | .. | 40856b |
| 99 | 13294 | 21.7 | −42 22 | 11.0 | 10.6 | Go | 3 | .. | 21880b |
| 100 | 12514 | 21.7 | −45 1 | 10.00 | 10.6 | F8 | 2 | .. | 40856b |



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## 169900 — 18h 21m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11959 | 21.7 | −50 56 | 9.9 | 9.8 | Go | 3 | .. | 39457b |
| 2 | 9160 | 21.7 | −53 33 | *9.2* | 10.0 | G5 | 4 | .. | 39457b |
| 3 | 3925 | 21.7 | −64 43 | *8.7* | 9.8 | K2 | 1 | .. | 42464b |
| 4 | 813 | 21.7 | −81 53 | 6.34 | 6.1 | Ao | 7 | 0,10 | 43414b |
| 5 | *977* | 21.8 | +70 0 | 7.89 | *8.45* | Go | 3 | .. | 38095i |
| 6 | 3200 | 21.8 | +30 59 | 8.6 | *9.2* | Go | 1 | .. | 37828i |
| 7 | 3020 | 21.8 | +27 2 | 9.2 | *9.2* | B9 | 3 | .. | 37806i |
| 8 | 3331 | 21.8 | +23 8 | 9.3 | *9.9* | G | 2 | .. | 37806i |
| 9 | 3512 | 21.8 | +10 20 | 8.4 | *8.5* | A2 | 5 | .. | 14170b |
| 10 | 3710 | 21.8 | + 9 59 | 8.47 | *8.53* | A2 | 5 | .. | 14170b |
| 11 | 3711 | 21.8 | + 9 38 | 8.5 | *8.5* | Ao | 7 | .. | 14170b |
| 12 | 3757 | 21.8 | + 6 28 | 9.4 | *9.4* | Ao | 3 | .. | 14170b |
| 13 | 4611 | 21.8 | − 8 6 | 6.55 | *7.55* | Ko | 4 | 0,9 | 44013b |
| 14 | 5053 | 21.8 | −12 37 | 9.7 | *10.3* | Go | 1 | .. | 39406b |
| 15 | 4972 | 21.8 | −15 27 | 6.84 | *7.26* | F5 | 4 | 0,10 | 44013b |
| 16 | 13149 | 21.8 | −25 29 | 2.94 | *3.94* | Ko | .. | R | **28**,213 |
| 17 | 13150 | 21.8 | −25 44 | 10.2 | 9.4 | B9 | 3 | .. | 40616b |
| 18 | 13188 | 21.8 | −26 53 | 9.0 | 9.1 | F5 | 3 | .. | 40326b |
| 19 | 14612 | 21.8 | −28 27 | 8.0 | 8.3 | F5 | 8 | .. | 40326b |
| 20 | 12668 | 21.8 | −36 0 | 9.9 | 9.5 | F8 | 3 | .. | 39272b |
| 21 | 12670 | 21.8 | −36 13 | 9.3 | 9.9 | K5 | 2 | .. | 39272b |
| 22 | 12586 | 21.8 | −37 10 | 9.3 | 9.6 | A3 | 2 | .. | 40285b |
| 23 | 12562 | 21.8 | −43 11 | 8.9 | 10.6 | Ko | 2 | .. | 40856b |
| 24 | 9163 | 21.8 | −53 4 | *10.1* | 10.6 | F8 | 1 | .. | 39457b |
| 25 | *632* | 21.9 | +79 1 | 7.8 | *8.4* | Go | 3 | .. | 38044i |
| 26 | 3333 | 21.9 | +23 12 | 9.1 | *9.6* | F8 | 2 | .. | 37806i |
| 27 | 3429 | 21.9 | +21 50 | 9.6 | *10.0* | F5 | 2 | R | 37806i |
| 28 | 3684 | 21.9 | +18 48 | 7.7 | *7.7* | B9 | 3 | .. | 29015i |
| 29 | 3691 | 21.9 | + 7 56 | 9.0 | *9.1* | A2 | 3 | .. | 14170b |
| 30 | 3690 | 21.9 | + 7 24 | 8.7 | *9.1* | F5 | 5 | .. | 14170b |
| 31 | 3713 | 21.9 | + 3 51 | 8.1 | *9.5* | Mb | .. | .. | M |
| 32 | 3934 | 21.9 | + 0 2 | 9.2 | *10.3* | K2 | 1 | .. | 24025b |
| 33 | 3492 | 21.9 | − 1 32 | 8.7 | *9.0* | Fo | 6 | .. | 24025b |
| 34 | 4882 | 21.9 | −16 1 | 9.9 | *9.9* | B9 | 4 | .. | 24169b |
| 35 | 5201 | 21.9 | −17 44 | 10.6 | *10.6* | B8 | 4 | .. | 24169b |
| 36 | 14379 | 21.9 | −23 32 | 10.2 | 9.6 | Ao | 3 | .. | 40616b |
| 37 | 14361 | 21.9 | −24 37 | 8.0 | 8.3 | Ao | 6 | .. | 40616b |
| 38 | 13192 | 21.9 | −26 49 | 6.28 | 6.1 | A3 | .. | *1,9* | **28**,213 |
| 39 | 14615 | 21.9 | −28 49 | 9.7 | 11.1 | K5 | 1 | .. | 40326b |
| 40 | 12837 | 21.9 | −34 21 | 10.3 | 9.8 | B9 | 3 | .. | 40291b |
| 41 | 12838 | 21.9 | −34 33 | 10.6 | 9.9 | Ao | 2 | .. | 40291b |
| 42 | 12818 | 21.9 | −38 5 | 7.76 | 8.5 | K5 | 4 | .. | 40285b |
| 43 | 12564 | 21.9 | −43 54 | 6.50 | 7.1 | Ko | .. | *5,10* | **56**,142 |
| 44 | 11127 | 21.9 | −52 8 | 8.8 | 8.9 | A2 | 7 | .. | 39457b |
| 45 | 11126 | 21.9 | −52 33 | *9.8* | 10.4 | Go | 2 | .. | 39457b |
| 46 | 8904 | 21.9 | −54 26 | *10.5* | 10.5 | Ao | 2 | .. | 39457b |
| 47 | 6165 | 21.9 | −61 13 | 8.8 | 9.3 | Ko | 3 | .. | 42469b |
| 48 | 2262 | 21.9 | −72 46 | *8.9* | 8.9 | Ao | 5 | .. | 21336b |
| 49 | 1683 | 21.9 | −74 25 | *8.9* | 10.0 | K2 | 1 | .. | 21336b |
| 50 | 1868 | 22.0 | +57 14 | 8.2 | *9.2* | Ko | 1 | .. | 38015i |
| 51 | 2375 | 22.0 | +51 27 | 8.7 | *9.7* | Ko | 2 | .. | 38559i |
| 52 | 3166 | 22.0 | +38 23 | 7.12 | *7.12* | Aop | 6 | *2,4* R | 38500i |
| 53 | 3265 | 22.0 | +31 51 | 8.0 | *9.0* | Ko | 2 | .. | 37828i |
| 54 | 3787 | 22.0 | +20 25 | 8.0 | *9.0* | Ko | 3 | .. | 37806i |
| 55 | 3463 | 22.0 | +19 7 | 7.5 | *8.7* | K5 | 1 | .. | 36229i |
| 56 | 3713 | 22.0 | + 9 52 | 9.12 | *10.12* | K | 1 | .. | 14170b |
| 57 | 3696 | 22.0 | + 8 2 | 8.9 | *9.7* | G5 | 3 | .. | 14170b |
| 58 | 3763 | 22.0 | + 6 25 | 8.6 | *8.7* | A3 | 4 | .. | 14170b |
| 59 | 3762 | 22.0 | + 6 22 | 8.4 | *8.4* | Ao | 8 | .. | 14170b |
| 60 | 4765 | 22.0 | − 6 21 | 9.4 | *9.4* | Ao | 2 | .. | 19014b |
| 61 | 4884 | 22.0 | −16 29 | 8.0 | *8.0* | Ao | 9 | .. | 24169b |
| 62 | 5202 | 22.0 | −17 41 | 10.3 | *11.3* | Ko | 2 | .. | 24169b |
| 63 | 5011 | 22.0 | −19 8 | 9.1 | 9.6 | F8 | 2 | .. | 14619b |
| 64 | 5145 | 22.0 | −20 1 | 9.33 | 10.5 | Ko | 2 | E | 40616b |
| 65 | 5010 | 22.0 | −21 39 | 8.7 | 8.7 | Ao | 4 | .. | 40616b |
| 66 | 14382 | 22.0 | −23 3 | 7.08 | 7.5 | G5 | 6 | 0,8 | 40711b |
| 67 | 14381 | 22.0 | −23 23 | 10.2 | 9.9 | Ao | 2 | .. | 40616b |
| 68 | 13194 | 22.0 | −26 14 | 9.0 | 8.5 | Ao | 5 | .. | 40326b |
| 69 | 13195 | 22.0 | −26 49 | 9.3 | 8.3 | Ao | 4 | .. | 40326b |
| 70 | 15564 | 22.0 | −31 11 | 7.69 | 8.2 | Ko | 5 | .. | 40326b |
| 71 | 13245 | 22.0 | −33 51 | 10.6 | 9.3 | B9 | 2 | .. | 40291b |
| 72 | 12589 | 22.0 | −37 3 | 7.9 | 8.9 | G5 | 4 | .. | 40285b |
| 73 | 12588 | 22.0 | −37 31 | 10.8 | 9.8 | F8 | 2 | .. | 39272b |
| 74 | 12590 | 22.0 | −37 33 | 9.0 | 9.6 | Ko | 2 | .. | 39272b |
| 75 | 12565 | 22.0 | −43 2 | 9.9 | 10.3 | F5 | 3 | .. | 40856b |
| 76 | 12410 | 22.0 | −46 22 | 9.1 | 8.8 | Ao | 7 | .. | 19962b |
| 77 | 12315 | 22.0 | −47 9 | 7.7 | 8.6 | Ko | 6 | .. | 19962b |
| 78 | 5879 | 22.0 | −62 20 | 4.81 | *4.76* | B8 | .. | R | **28**,213 |
| 79 | 2326 | 22.0 | −71 50 | 7.18 | 7.8 | Fo | 8 | *5,10* | 41598b |
| 80 | 693 | 22.1 | +77 4 | 8.1 | *9.3* | K5 | 2 | .. | 38044i |
| 81 | 3259 | 22.1 | +29 46 | 5.71 | *5.77* | A2 | 10 | .. | 37828i |
| 82 | 3685 | 22.1 | +18 55 | 8.6 | *8.6* | A | 2 | .. | 37806i |
| 83 | 3697 | 22.1 | + 8 8 | 8.9 | *10.1* | K5 | 1 | .. | 14170b |
| 84 | 3693 | 22.1 | + 7 3 | 9.1 | *9.2* | A2 | 3 | .. | 14170b |
| 85 | 3936 | 22.1 | + 0 8 | 5.33 | *5.33* | Ao | .. | R | **56**,95 |
| 86 | | 22.1 | + 0 8 | | | G | | | |
| 87 | 4988 | 22.1 | −13 44 | 9.1 | *9.1* | Ao | 3 | .. | 38079b |
| 88 | 4987 | 22.1 | −13 51 | 9.9 | *10.4* | F8 | 1 | .. | 39406b |
| 89 | 5060 | 22.1 | −14 17 | 10.6 | *10.6* | B9 | 1 | .. | 39406b |
| 90 | 5203 | 22.1 | −17 51 | 6.03 | *5.98* | B8 | .. | 1,8 | **28**,213 |
| 91 | 5146 | 22.1 | −20 53 | 9.4 | 9.6 | A | 2 | .. | 40616b |
| 92 | 5012 | 22.1 | −21 25 | 9.4 | 9.4 | F | 3 | .. | 40616b |
| 93 | 4733 | 22.1 | −22 29 | 9.4 | 9.4 | Ao | 4 | .. | 40616b |
| 94 | 14617 | 22.1 | −28 50 | 8.1 | 10.0 | K5 | 3 | .. | 40326b |
| 95 | 15567 | 22.1 | −31 57 | 9.5 | 9.8 | G5 | 2 | .. | 40291b |
| 96 | 12841 | 22.1 | −34 50 | 9.9 | 9.8 | Fo | 2 | .. | 40291b |
| 97 | 12678 | 22.1 | −36 37 | 9.3 | 9.6 | G5 | 2 | .. | 40285b |
| 98 | 12637 | 22.1 | −44 12 | 11.6 | 11.0 | A2 | 1 | .. | 40856b |
| 99 | 11131 | 22.1 | −52 16 | *10.1* | 10.1 | B9 | 2 | .. | 39457b |
| 100 | 889 | 22.2 | +71 17 | 4.24 | *4.24* | Aop | .. | R | 6087c |



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1922AnHar..97....1C



## 170000 — $18^h\ 22^m.2$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 994 | 22.2 | +68 50 | 9.3 | *10.3* | Ko | 1 | .. | 37907i |
| 2 | 2481 | 22.2 | +46 12 | 8.1 | *8.5* | F5 | 2 | .. | 37997i |
| 3 | 3240 | 22.2 | +35 17 | 7.37 | *8.15* | G5 | 4 | .. | 37828i |
| 4 | 3253 | 22.2 | +26 47 | 8.8 | *9.8* | K | 2 | .. | 37806i |
| 5 | 3431 | 22.2 | +21 50 | 9.2 | *9.3* | A2 | 3 | R | 37806i |
| 6 | 3465 | 22.2 | +11 27 | 8.5 | *8.9* | F5 | 3 | .. | 14170b |
| 7 | 3715 | 22.2 | + 9 52 | 10.4 | *10.5* | A3 | 1 | .. | 14170b |
| 8 | 3714 | 22.2 | + 9 9 | 7.5 | *8.3* | G5 | 7 | .. | 14170b |
| 9 | 3694 | 22.2 | + 7 40 | 7.9 | *7.9* | B8 | 7 | .. | 14170b |
| 10 | 3769 | 22.2 | + 6 28 | 8.30 | *8.36* | A2 | 3 | .. | 14170b |
| 11 | 3766 | 22.2 | + 6 21 | 9.4 | *9.4* | A | 3 | .. | 14170b |
| 12 | 3676 | 22.2 | + 1 3 | 8.89 | *9.23* | F2 | 5 | .. | 13401b |
| 13 | 5204 | 22.2 | −17 51 | 10.7 | *10.7* | B8 | 2 | .. | 24169b |
| 14 | 5148 | 22.2 | −20 46 | 9.2 | 10.1 | Go | 2 | .. | 40616b |
| 15 | 5147 | 22.2 | −20 52 | 8.9 | 8.8 | B9 | 5 | .. | 40616b |
| 16 | 5013 | 22.2 | −21 18 | 8.9 | 10.5 | Ma | .. | R | M |
| 17 | 14383 | 22.2 | −23 37 | 8.7 | 9.0 | G5 | 5 | .. | 40616b |
| 18 | 12873 | 22.2 | −27 42 | 10.2 | 9.1 | B8 | 4 | .. | 40326b |
| 19 | 13249 | 22.2 | −33 32 | 8.90 | 9.8 | K2 | 3 | .. | 40291b |
| 20 | 13248 | 22.2 | −33 41 | 8.6 | 9.8 | Ko | 3 | .. | 40291b |
| 21 | 13307 | 22.2 | −42 1 | 8.5 | 9.5 | Ko | 4 | .. | 40856b |
| 22 | 13308 | 22.2 | −42 53 | 9.3 | 10.6 | K5 | 1 | .. | 21880b |
| 23 | 12411 | 22.2 | −46 47 | 9.1 | 9.7 | Go | 5 | .. | 19962b |
| 24 | 12163 | 22.2 | −49 33 | 9.2 | 8.6 | A5 | 5 | .. | 19962b |
| 25 | 7404 | 22.2 | −58 39 | 8.9 | 9.6 | G5 | 3 | .. | 42469b |
| 26 | 575 | 22.3 | +80 37 | 8.27 | *9.05* | G5 | 2 | .. | 37200i |
| 27 | 3414 | 22.3 | +39 3 | 7.8 | *8.9* | K2 | 1 | .. | 38500i |
| 28 | 3255 | 22.3 | +26 10 | 6.83 | *6.66* | B3 | 8 | .. | 37806i |
| 29 | 3433 | 22.3 | +21 43 | 8.8 | *9.8* | K | 1 | .. | 37806i |
| 30 | 3770 | 22.3 | + 6 58 | 9.4 | *9.4* | A | 1 | .. | 14170b |
| 31 | *3744* | 22.3 | + 6 0 | 8.6 | *9.8* | K5 | 2 | .. | 14170b |
| 32 | 3745 | 22.3 | + 5 20 | 9.1 | *9.2* | A2 | 4 | .. | 14170b |
| 33 | 4885 | 22.3 | −16 18 | 10.7 | *10.7* | Ao | 2 | .. | 24169b |
| 34 | .. | 22.3 | −16 50 | var. | var. | Md | .. | R | M |
| 35 | 4972 | 22.3 | −18 56 | 10.3 | *10.3* | Ao | 1 | .. | 14619b |
| 36 | 14982 | 22.3 | −29 56 | 9.33 | 10.2 | G5 | 1 | .. | 40326b |
| 37 | 14192 | 22.3 | −32 54 | 9.3 | 9.3 | F8 | 4 | .. | 40291b |
| 38 | 12600 | 22.3 | −37 4 | 7.9 | 8.6 | Go | 6 | .. | 40285b |
| 39 | 12599 | 22.3 | −37 22 | 7.9 | 8.9 | Ko | 4 | .. | 40285b |
| 40 | 12824 | 22.3 | −38 55 | 6.65 | 6.6 | B8 | .. | 2,10 | 56,142 |
| 41 | 12843 | 22.3 | −41 38 | 9.3 | 10.0 | F8 | 3 | .. | 21880b |
| 42 | 12639 | 22.3 | −44 31 | 9.7 | 9.8 | F8 | 3 | .. | 40856b |
| 43 | 11603 | 22.3 | −51 33 | 11.6 | 10.7 | Ko | 1 | .. | 39457b |
| 44 | 9167 | 22.3 | −53 42 | *10.5* | 10.6 | A5 | 1 | .. | 39457b |
| 45 | 7281 | 22.3 | −59 59 | 8.86 | 9.9 | K2 | 1 | .. | 42469b |
| 46 | 5881 | 22.3 | −62 21 | *7.5* | 7.6 | A2 | 4 | .. | 42464b |
| 47 | 622 | 22.4 | +81 26 | 7.50 | *8.50* | Ko | 3 | 2,3 | 37294i |
| 48 | 2577 | 22.4 | +50 24 | 8.9 | *10.0* | K2 | 1 | .. | 38559i |
| 49 | 3099 | 22.4 | +33 6 | 8.6 | *9.0* | F5 | 2 | .. | 37828i |
| 50 | 3000 | 22.4 | +28 7 | 8.2 | *8.2* | B9 | 5 | .. | 37806i |
| 51 | 3257 | 22.4 | +26 23 | 6.87 | *6.70* | B3 | 8 | .. | 37806i |
| 52 | 3467 | 22.4 | +15 5 | 8.44 | *9.44* | Ko | 1 | .. | 37901i |
| 53 | 3773 | 22.4 | + 6 56 | 7.6 | *8.6* | Ko | 5 | .. | 14170b |
| 54 | 3772 | 22.4 | + 6 27 | 8.12 | *8.10* | B9 | 6 | .. | 14170b |
| 55 | 3597 | 22.4 | + 2 36 | 9.0 | *9.8* | G5 | 1 | .. | 13401b |
| 56 | 3678 | 22.4 | + 1 27 | 8.5 | *8.6* | A3 | 6 | .. | 13401b |
| 57 | 3494 | 22.4 | − 1 12 | 9.2 | *10.2* | Ko | 2 | .. | 24025b |
| 58 | 4470 | 22.4 | − 4 0 | 8.1 | *8.9* | G5 | 3 | .. | 19014b |
| 59 | 4989 | 22.4 | −13 49 | 10.6 | *10.6* | Ao | 1 | .. | 39406b |
| 60 | 5064 | 22.4 | −14 29 | 10.3 | *10.3* | B9 | 1 | .. | 39406b |
| 61 | 5062 | 22.4 | −14 47 | 10.6 | *10.4* | Bo | 1 | .. | 38079b |
| 62 | 4736 | 22.4 | −22 53 | 9.4 | 9.0 | B8 | 4 | .. | 40616b |
| 63 | 14620 | 22.4 | −28 50 | 10.7 | 10.3 | A2 | 1 | .. | 40326b |
| 64 | 13252 | 22.4 | −33 36 | 9.70 | 9.9 | F8 | 2 | .. | 40291b |
| 65 | 13251 | 22.4 | −33 58 | 9.9 | 9.3 | Ao | 4 | .. | 40291b |
| 66 | 12534 | 22.4 | −40 25 | 9.2 | 9.4 | F2 | 5 | .. | 21880b |
| 67 | 13309 | 22.4 | −42 47 | 10.6 | 10.3 | Ao | 2 | .. | 21880b |
| 68 | 12643 | 22.4 | −44 44 | 10.6 | 10.6 | A3 | 2 | .. | 40856b |
| 69 | 12319 | 22.4 | −47 17 | 5.70 | 7.1 | Ko | .. | .. | 56,142 |
| 70 | 12540 | 22.4 | −48 10 | 10.1 | 9.5 | Ao | 4 | .. | 19962b |
| 71 | 11604 | 22.4 | −51 43 | 11.6 | 10.4 | Ao | 1 | .. | 39457b |
| 72 | 5882 | 22.4 | −62 56 | *8.5* | 9.5 | Ko | 2 | .. | 42464b |
| 73 | 1809 | 22.5 | +58 45 | 4.85 | *4.91* | A2 | .. | R | 56,95 |
| 74 | 2484 | 22.5 | +46 50 | 7.61 | *7.61* | Ao | 4 | .. | 37997i |
| 75 | 3023 | 22.5 | +27 16 | 8.6 | *8.6* | B9 | 6 | .. | 37806i |
| 76 | 3416 | 22.5 | +24 19 | 8.6 | *9.6* | Ko | 2 | .. | 37806i |
| 77 | 3466 | 22.5 | +11 8 | 8.4 | *8.4* | Ao | 3 | .. | 37901i |
| 78 | 3700 | 22.5 | + 8 57 | 9.4 | *9.4* | Ao | 1 | .. | 14170b |
| 79 | 3775 | 22.5 | + 6 4 | 9.2 | *9.2* | Ao | 4 | .. | 14170b |
| 80 | 3496 | 22.5 | − 1 51 | 9.02 | *9.52* | F8 | 6 | .. | 24025b |
| 81 | 4663 | 22.5 | − 5 40 | 9.4 | *9.5* | A2 | 1 | .. | 19014b |
| 82 | 5065 | 22.5 | −14 55 | 9.21 | *9.21* | Ao | 1 | .. | 38079b |
| 83 | 4887 | 22.5 | −16 6 | 9.4 | *9.4* | B9 | 5 | .. | 24169b |
| 84 | 5206 | 22.5 | −17 12 | 10.3 | *10.3* | Ao | 3 | .. | 24169b |
| 85 | 5015 | 22.5 | −21 24 | 9.1 | 10.4 | G5 | 2 | .. | 40616b |
| 86 | 12653 | 22.5 | −35 39 | 8.9 | 8.9 | F5 | 6 | .. | 40291b |
| 87 | 12535 | 22.5 | −40 19 | 9.9 | 10.4 | F5 | 2 | .. | 21880b |
| 88 | 12525 | 22.5 | −45 48 | 10.3 | 10.6 | A2 | 2 | .. | 40856b |
| 89 | 12527 | 22.5 | −45 58 | 9.9 | 10.0 | Ao | 4 | .. | 19962b |
| 90 | 12320 | 22.5 | −47 42 | 9.3 | 9.7 | Ao | 4 | .. | 19962b |
| 91 | 12169 | 22.5 | −49 33 | 7.8 | 8.3 | F5 | 7 | .. | 19962b |
| 92 | 1616 | 22.6 | +62 43 | 7.9 | *8.0* | A2 | 4 | .. | 38505i |
| 93 | 3269 | 22.6 | +31 32 | 8.0 | *9.1* | K2 | 2 | .. | 37828i |
| 94 | 3778 | 22.6 | + 6 31 | 9.1 | *9.2* | A2 | 2 | .. | 14170b |
| 95 | 3776 | 22.6 | + 6 11 | 9.4 | *9.4* | Ao | 2 | .. | 14170b |
| 96 | 3598 | 22.6 | + 2 19 | 8.1 | *8.7* | Go | 5 | .. | 13401b |
| 97 | 4888 | 22.6 | −16 46 | 8.5 | *8.3* | Bo | 7 | 2,4 | 24169b |
| 98 | 5152 | 22.6 | −20 52 | 10.6 | 10.4 | A | 1 | .. | 40616b |
| 99 | 13160 | 22.6 | −25 20 | 10.2 | 10.2 | K2 | 2 | .. | 40616b |
| 100 | 15575 | 22.6 | −31 27 | 10.9 | 10.2 | Ao | 1 | .. | 40291b |



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**170100** **$18^h\ 22^m.6$**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 15574 | 22.6 | −31 36 | 9.2 | 10.7 | K5 | 1 | .. | 40291b |
| 2 | 12647 | 22.6 | −39 18 | 9.9 | 9.5 | F8 | 3 | .. | 21880b |
| 3 | 12846 | 22.6 | −41 35 | 10.1 | 10.6 | F8 | 2 | .. | 21880b |
| 4 | 12170 | 22.6 | −49 37 | 8.1 | 8.6 | Ko | 2 | .. | 19962b |
| 5 | 12171 | 22.6 | −49 44 | 8.0 | 8.6 | Ko | 5 | .. | 19962b |
| 6 | 11605 | 22.6 | −51 51 | 11.0 | 10.1 | Ao | 2 | .. | 39457b |
| 7 | 8909 | 22.6 | −54 21 | *9.9* | 10.5 | Go | 1 | .. | 39457b |
| 8 | 2790 | 22.7 | +49 48 | 7.12 | *8.12* | Ko | 7 | .. | 38559i |
| 9 | 2692 | 22.7 | +48 42 | 7.24 | *8.02* | G5 | 6 | .. | 38559i |
| 10 | 2691 | 22.7 | +48 13 | 7.73 | *8.80* | K2 | 3 | .. | 38559i |
| 11 | 3259 | 22.7 | +26 23 | 6.36 | *6.19* | B3 | 8 | 0,9 | 38456i |
| 12 | 3789 | 22.7 | +20 7 | 8.40 | *8.40* | Ao | 3 | .. | 37806i |
| 13 | 3701 | 22.7 | + 8 44 | 9.7 | *9.8* | A2 | 1 | .. | 14170b |
| 14 | 3780 | 22.7 | + 6 29 | 8.6 | *8.7* | A3 | 5 | 0,4 | 14170b |
| 15 | 3940 | 22.7 | + 0 8 | 7.83 | *7.83* | Ao | 8 | .. | 13401b |
| 16 | 3497 | 22.7 | − 1 9 | 8.4 | *8.4* | Ao | 7 | .. | 24025b |
| 17 | 4769 | 22.7 | − 6 13 | 8.5 | *8.9* | F5 | 4 | .. | 19014b |
| 18 | 4889 | 22.7 | −16 22 | 10.6 | *10.6* | B9 | 5 | .. | 24169b |
| 19 | 5207 | 22.7 | −17 3 | 8.9 | *8.9* | Ao | 4 | .. | 14619b |
| 20 | 5015 | 22.7 | −19 51 | 8.53 | 10.5 | K5 | 2 | E | 40616b |
| 21 | 13163 | 22.7 | −25 6 | 7.40 | 7.9 | Go | 8 | .. | 40616b |
| 22 | 12876 | 22.7 | −27 20 | 8.7 | 8.6 | B8 | 6 | .. | 40326b |
| 23 | 14992 | 22.7 | −29 58 | 8.42 | 9.1 | G5 | 4 | .. | 40326b |
| 24 | .. | 22.7 | −31 33 | Neb | .Neb. | Pd | .. | R | M |
| 25 | 12685 | 22.7 | −36 20 | 9.3 | 9.2 | Go | 2 | .. | 39272b |
| 26 | 12686 | 22.7 | −36 21 | 9.9 | 9.5 | F5 | 1 | .. | 39272b |
| 27 | 12652 | 22.7 | −39 14 | 10.1 | 9.4 | Fo | 4 | .. | 21880b |
| 28 | 13316 | 22.7 | −42 58 | 9.7 | 9.4 | F2 | 4 | .. | 40856b |
| 29 | 12571 | 22.7 | −43 24 | 11.6 | 11.4 | Go | 2 | .. | 21880b |
| 30 | 11606 | 22.7 | −51 59 | 9.3 | 10.3 | Fo | 2 | .. | 39457b |
| 31 | 11133 | 22.7 | −52 44 | *9.3* | 10.1 | G5 | 2 | .. | 39457b |
| 32 | 8704 | 22.7 | −55 37 | 8.9 | 10.0 | G5 | 3 | .. | 39457b |
| 33 | 3697 | 22.8 | + 7 59 | 8.5 | *8.6* | A2 | 5 | .. | 14170b |
| 34 | 3781 | 22.8 | + 6 35 | 9.4 | *9.4* | A | 1 | .. | 14170b |
| 35 | 3782 | 22.8 | + 6 27 | 8.7 | *8.8* | A3 | 5 | .. | 14170b |
| 36 | 3783 | 22.8 | + 6 3 | 9.1 | *9.1* | Ao | 1 | .. | 14170b |
| 37 | 3716 | 22.8 | + 3 41 | 6.14 | *7.21* | K2 | 5 | .. | 37811i |
| 38 | 5067 | 22.8 | −14 14 | 9.9 | *10.4* | F8 | 2 | .. | 39406i |
| 39 | 4977 | 22.8 | −15 53 | 9.7 | *10.9* | K5 | 4 | .. | 24169b |
| 40 | 5017 | 22.8 | −21 43 | 9.9 | 9.6 | Ao | 3 | .. | 40616b |
| 41 | 13206 | 22.8 | −26 38 | 6.46 | 6.3 | Ao | .. | 0,10 | 28,213 |
| 42 | 14995 | 22.8 | −29 19 | 6.77 | 7.5 | F5 | .. | 0,9 | 56,142 |
| 43 | 14994 | 22.8 | −29 24 | 8.1 | 9.3 | Ko | 5 | .. | 40326b |
| 44 | 15578 | 22.8 | −31 37 | 7.7 | 8.4 | F5 | 5 | .. | 40326b |
| 45 | 12857 | 22.8 | −34 19 | 9.3 | 9.9 | Go | 1 | .. | 40291b |
| 46 | 12858 | 22.8 | −34 35 | 8.6 | 9.0 | B9 | 6 | .. | 40291b |
| 47 | 12655 | 22.8 | −35 50 | 8.6 | 9.2 | Ao | 5 | .. | 40291b |
| 48 | 12836 | 22.8 | −38 9 | 10.3 | 9.4 | A2 | 3 | .. | 40285b |
| 49 | 12573 | 22.8 | −43 53 | 7.8 | 7.1 | Go | .. | 5,9 | 56,142 |
| 50 | 8911 | 22.8 | −54 42 | 7.86 | 7.9 | F5 | 8 | .. | 39457b |
| 51 | 540 | 22.9 | +82 54 | 7.29 | *7.27* | B9 | 8 | .. | 37294i |
| 52 | 634 | 22.9 | +78 54 | 8.7 | *9.7* | K | 1 | .. | 38044i |
| 53 | 839 | 22.9 | +72 41 | 3.69 | *4.19* | F8 | .. | R | 1416c |
| 54 | 1265 | 22.9 | +65 30 | 9.5 | *9.8* | Fo | 2 | .. | 37907i |
| 55 | 3528 | 22.9 | +25 48 | 8.6 | *9.4* | G5 | 2 | .. | 37806i |
| 56 | 3720 | 22.9 | + 9 47 | 8.6 | *8.7* | A2 | 5 | .. | 14170b |
| 57 | 3784 | 22.9 | + 6 39 | 10.4 | *10.4* | Ao | 1 | .. | 14170b |
| 58 | 3786 | 22.9 | + 6 23 | 9.4 | *9.5* | A2 | 4 | .. | 14170b |
| 59 | 4992 | 22.9 | −13 4 | 8.7 | *8.5* | Bo | 3 | .. | 40332b |
| 60 | .. | 22.9 | −16 23 | .. | .. | B8 | 3 | .. | 24169b |
| 61 | 4891 | 22.9 | −16 37 | 10.8 | *11.8* | Ko | 1 | .. | 24169b |
| 62 | R | 22.9 | −19 52 | *9.9* | 9.9 | A | 2 | .. | 40616b |
| 63 | 5019 | 22.9 | −21 26 | 8.7 | 8.5 | Ao | 6 | .. | 40616b |
| 64 | 4739 | 22.9 | −22 22 | 10.7 | 10.2 | B9 | 2 | .. | 40616b |
| 65 | 13258 | 22.9 | −33 22 | 9.21 | 9.0 | F5 | 4 | .. | 40291b |
| 66 | 12690 | 22.9 | −36 43 | 10.3 | 10.1 | Ko | 1 | .. | 39272b |
| 67 | 12848 | 22.9 | −41 37 | 9.9 | 10.4 | Go | 2 | .. | 21880b |
| 68 | 13318 | 22.9 | −42 30 | 9.3 | 10.6 | K2 | 2 | .. | 21880b |
| 69 | 12576 | 22.9 | −43 12 | 11.6 | 11.4 | G5 | 1 | .. | 21880b |
| 70 | 12419 | 22.9 | −46 1 | 9.0 | 10.2 | Ko | 2 | .. | 19962b |
| 71 | 12173 | 22.9 | −49 52 | 8.9 | 8.6 | F5 | 3 | .. | 39665b |
| 72 | 11970 | 22.9 | −50 30 | 9.5 | 9.3 | G5 | 5 | .. | 39457b |
| 73 | 3470 | 23.0 | +15 22 | 8.9 | *8.9* | Ao | 2 | .. | 37901i |
| 74 | 3788 | 23.0 | + 6 32 | 8.7 | *9.8* | K2 | 3 | .. | 14170b |
| 75 | 3750 | 23.0 | + 5 18 | 9.1 | *10.1* | K | 1 | .. | 14170b |
| 76 | 4665 | 23.0 | − 5 53 | 9.4 | *9.4* | B9 | 2 | .. | 19014b |
| 77 | 4993 | 23.0 | −13 34 | 9.4 | *9.2* | B2 | 1 | .. | 39406b |
| 78 | 5210 | 23.0 | −17 11 | 9.7 | *9.7* | A | 5 | .. | 24169b |
| 79 | 5018 | 23.0 | −19 19 | 9.4 | 9.3 | B9 | 3 | .. | 14619b |
| 80 | 5020 | 23.0 | −21 35 | 9.9 | 11.0 | Ko | 1 | .. | 40616b |
| 81 | 13207 | 23.0 | −26 43 | 10.0 | 9.5 | Go | 1 | .. | 40326b |
| 82 | 14203 | 23.0 | −32 17 | 10.1 | 9.0 | B8 | 4 | .. | 40291b |
| 83 | 14202 | 23.0 | −32 30 | 10.8 | 10.5 | A2 | 1 | .. | 40291b |
| 84 | 14200 | 23.0 | −32 41 | 8.7 | 9.8 | G5 | 3 | .. | 40291b |
| 85 | 14201 | 23.0 | −32 51 | 8.3 | 7.9 | Ao | 7 | .. | 40291b |
| 86 | 12657 | 23.0 | −39 36 | 8.3 | 9.4 | K2 | 6 | .. | 21880b |
| 87 | 12547 | 23.0 | −40 28 | 8.6 | 10.3 | Ma | 2 | .. | 21880b |
| 88 | 12578 | 23.0 | −43 31 | 11.0 | 11.4 | Ko | 1 | .. | 21880b |
| 89 | 12648 | 23.0 | −44 13 | 10.3 | 10.9 | G5 | 1 | .. | 40856b |
| 90 | 12323 | 23.0 | −47 7 | 11.6 | 10.3 | Ao | 2 | .. | 19962b |
| 91 | 12325 | 23.0 | −47 17 | 9.5 | 10.9 | Ko | 2 | .. | 19962b |
| 92 | 12174 | 23.0 | −49 43 | 8.6 | 9.5 | Ko | 1 | .. | 39665b |
| 93 | 9171 | 23.0 | −53 35 | 6.9 | 7.9 | Ko | 9 | .. | 39457b |
| 94 | 8825 | 23.0 | −56 32 | 8.6 | 9.1 | A2 | 4 | .. | 39457b |
| 95 | 7285 | 23.0 | −59 37 | 7.7 | 7.6 | F5 | 7 | .. | 42469b |
| 96 | 3731 | 23.0 | −65 19 | *7.3* | 7.3 | Ao | 8 | .. | 41598b |
| 97 | 2713 | 23.1 | +45 45 | 8.1 | *8.4* | Fo | 1 | .. | 37997i |
| 98 | 3250 | 23.1 | +35 39 | 8.0 | *9.1* | K2 | 1 | .. | 37828i |
| 99 | 3206 | 23.1 | +30 54 | 7.36 | *8.36* | Ko | 4 | .. | 37828i |
| 100 | 3790 | 23.1 | + 6 8 | 5.62 | *5.57* | B8 | 10 | 1,10 | 14170b |



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1922ApHar..97....1C



## 170200 — $18^h\,23^m.1$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | *m.* | ° ′ | | | | | | |
| 1 | 3752 | 23.1 | + 5 41 | 8.0 | *9.2* | K5 | 3 | .. | 14170b |
| 2 | 5069 | 23.1 | −14 15 | 9.1 | *9.4* | F2 | 2 | .. | 38079b |
| 3 | 4979 | 23.1 | −15 37 | 10.1 | *10.1* | B8 | 5 | .. | 24169b |
| 4 | 5019 | 23.1 | −19 2 | 9.4 | 9.0 | F5 | 3 | .. | 14619b |
| 5 | 5020 | 23.1 | −19 8 | 9.4 | 9.0 | A2 | 4 | .. | 14619b |
| 6 | 14403 | 23.1 | −23 55 | 8.9 | 10.8 | K5 | 2 | .. | 40616b |
| 7 | 14382 | 23.1 | −24 31 | 8.3 | 10.0 | K2 | 3 | .. | 40616b |
| 8 | 14383 | 23.1 | −24 41 | 10.7 | 9.4 | F5 | 3 | .. | 40616b |
| 9 | 14630 | 23.1 | −28 1 | 9.2 | 9.7 | K2 | 2 | .. | 40326b |
| 10 | 14631 | 23.1 | −28 13 | 9.3 | 10.3 | Ko | 1 | .. | 40326b |
| 11 | 14204 | 23.1 | −32 1 | 10.6 | 9.6 | B9 | 4 | .. | 40291b |
| 12 | 13262 | 23.1 | −33 34 | 8.6 | 8.4 | Ao | 6 | .. | 40291b |
| 13 | 12861 | 23.1 | −34 0 | 7.5 | 7.6 | B9 | .. | 0,9 | **56**,142 |
| 14 | 12862 | 23.1 | −34 54 | 9.9 | 9.8 | Ao | 3 | .. | 40291b |
| 15 | 12853 | 23.1 | −41 1 | 8.9 | 10.3 | Ko | 3 | .. | 40856b |
| 16 | 12852 | 23.1 | −41 22 | 8.6 | 10.0 | K2 | 3 | .. | 40856b |
| 17 | 13324 | 23.1 | −42 5 | 10.1 | 9.4 | A5 | 4 | .. | 40856b |
| 18 | 12651 | 23.1 | −44 23 | 9.9 | 10.9 | G5 | 1 | .. | 40856b |
| 19 | 12650 | 23.1 | −44 31 | 10.6 | 11.0 | Go | 1 | .. | 40856b |
| 20 | 12536 | 23.1 | −45 0 | 10.6 | 10.9 | Go | 1 | .. | 40856b |
| 21 | *12326* | 23.1 | −46 59 | 11.0 | 10.3 | B9 | 3 | .. | 19962b |
| 22 | 11975 | 23.1 | −50 27 | 10.6 | 10.4 | Ko | 2 | .. | 39457b |
| 23 | 11611 | 23.1 | −51 23 | 8.0 | 8.3 | A2 | 8 | .. | 39457b |
| 24 | 11610 | 23.1 | −51 35 | 7.5 | 8.6 | K5 | 6 | .. | 39457b |
| 25 | 11136 | 23.1 | −52 42 | *9.7* | 9.8 | A3 | 3 | .. | 39457b |
| 26 | 6175 | 23.1 | −61 16 | 8.8 | 9.9 | K5 | 1 | .. | 42464b |
| 27 | 2903 | 23.1 | −69 58 | *9.4* | 9.4 | Ao | 2 | 0,2 | 21336b |
| 28 | 3130 | 23.2 | +36 6 | 7.7 | *8.7* | Ko | 1 | .. | 37828i |
| 29 | 3264 | 23.2 | +26 21 | 9.2 | *9.2* | Ao | 2 | .. | 37806i |
| 30 | 3368 | 23.2 | +22 37 | 8.8 | *8.8* | Ao | 3 | .. | 37806i |
| 31 | 3791 | 23.2 | + 6 51 | 9.4 | *10.5* | K2 | 2 | .. | 14170b |
| 32 | 4288 | 23.2 | − 3 56 | 8.38 | *8.94* | Go | 6 | .. | 24025b |
| 33 | 5060 | 23.2 | −12 32 | 9.9 | *10.5* | Go | 1 | .. | 39406b |
| 34 | 4995 | 23.2 | −13 2 | 8.7 | *9.8* | K2 | 2 | .. | 39406b |
| 35 | 13170 | 23.2 | −25 19 | 6.23 | 6.3 | B2p | 4 | R | 43885b |
| 36 | 14999 | 23.2 | −29 23 | 7.9 | 8.1 | A5 | 6 | .. | 40326b |
| 37 | 12863 | 23.2 | −34 20 | 8.3 | 9.8 | Ma | 2 | .. | 40291b |
| 38 | 12550 | 23.2 | −40 27 | 10.1 | 10.3 | Go | 2 | .. | 21880b |
| 39 | 11138 | 23.2 | −52 31 | 7.8 | 7.4 | Ao | 8 | .. | 39457b |
| 40 | 9173 | 23.2 | −53 42 | *10.1* | 10.5 | F5 | 3 | .. | 39457b |
| 41 | 8827 | 23.2 | −56 37 | 8.9 | 9.1 | F8 | 3 | .. | 39457b |
| 42 | 1685 | 23.2 | −74 19 | *8.9* | 10.0 | K2 | 1 | .. | 21336b |
| 43 | 2792 | 23.3 | +49 42 | 8.7 | *9.1* | F5 | 2 | .. | 38559i |
| 44 | 3542 | 23.3 | +14 38 | 8.3 | *9.4* | K2 | 1 | .. | 37901i |
| 45 | 3699 | 23.3 | + 7 4 | 9.2 | *9.3* | A2 | 3 | .. | 14170b |
| 46 | 3753 | 23.3 | + 5 57 | 9.0 | *9.6* | Go | 2 | .. | 14170b |
| 47 | 3719 | 23.3 | + 3 54 | 8.5 | *8.5* | Ao | 3 | .. | 37811i |
| 48 | 4705 | 23.3 | −10 18 | 8.2 | *8.8* | Go | 4 | .. | 38079b |
| 49 | 4893 | 23.3 | −16 29 | 9.1 | *10.1* | Ko | 4 | .. | 24169b |
| 50 | 14408 | 23.3 | −23 43 | 10.4 | 10.2 | F8 | 2 | .. | 40616b |
| 51 | 13267 | 23.3 | −33 33 | 9.3 | 10.2 | G5 | 2 | .. | 40291b |
| 52 | 12698 | 23.3 | −36 34 | 10.6 | 9.9 | Ao | 2 | .. | 39272b |
| 53 | 12658 | 23.3 | −39 9 | 10.8 | 10.4 | Ao | 2 | .. | 21880b |
| 54 | 12660 | 23.3 | −39 17 | 9.2 | 9.5 | G5 | 3 | .. | 21880b |
| 55 | 12423 | 23.3 | −46 22 | 8.7 | 10.2 | K2 | 3 | .. | 39665b |
| 56 | 12424 | 23.3 | −46 55 | 10.3 | 10.3 | A2 | 3 | .. | 19962b |
| 57 | 12177 | 23.3 | −49 46 | 11.0 | 9.8 | A5 | 2 | .. | 39665b |
| 58 | 7411 | 23.3 | −58 12 | 8.3 | 9.6 | K5 | 2 | .. | 42469b |
| 59 | 3419 | 23.4 | +39 5 | 8.1 | *9.1* | Ko | 1 | .. | 38500i |
| 60 | 3120 | 23.4 | +37 23 | 7.9 | *7.9* | Ao | 2 | .. | 38500i |
| 61 | *3251* | 23.4 | +36 1 | 8.0 | *8.8* | G5 | 2 | .. | 37828i |
| 62 | 3207 | 23.4 | +34 37 | 8.4 | *8.5* | A2 | 1 | .. | 37828i |
| 63 | 3002 | 23.4 | +28 52 | 8.7 | *8.7* | B8 | 3 | E | 37806i |
| 64 | 3265 | 23.4 | +26 24 | 9.6 | *9.6* | A | 2 | .. | 37806i |
| 65 | 3438 | 23.4 | +21 44 | 8.8 | *9.8* | K | 1 | .. | 37806i |
| 66 | 3439 | 23.4 | +21 23 | 8.4 | *9.4* | Ko | 3 | .. | 37806i |
| 67 | 3651 | 23.4 | +19 13 | 7.6 | *8.0* | F5 | 4 | .. | 37806i |
| 68 | 3721 | 23.4 | + 9 7 | 8.6 | *9.8* | K5 | 2 | .. | 14170b |
| 69 | 3705 | 23.4 | + 8 44 | 8.7 | *9.8* | K2 | 2 | .. | 14170b |
| 70 | 3702 | 23.4 | + 7 53 | 7.6 | *8.8* | K5 | 3 | .. | 14170b |
| 71 | 3701 | 23.4 | + 7 17 | 9.0 | *9.0* | Ao | 5 | .. | 14170b |
| 72 | 3757 | 23.4 | + 5 9 | 9.2 | *10.2* | K | 1 | .. | 14170b |
| 73 | 3756 | 23.4 | + 5 3 | 8.26 | *9.33* | K2 | 3 | .. | 14170b |
| 74 | 3720 | 23.4 | + 3 43 | 8.5 | *8.8* | Fo | 3 | .. | 37811i |
| 75 | 4745 | 23.4 | − 9 42 | 8.8 | *9.1* | Fo | 2 | .. | 39406b |
| 76 | 14409 | 23.4 | −23 53 | 9.0 | 9.9 | G5 | 3 | .. | 40616b |
| 77 | 13213 | 23.4 | −26 44 | 9.7 | 9.1 | B9 | 3 | .. | 40326b |
| 78 | 15006 | 23.4 | −29 53 | 8.90 | 9.8 | G5 | 2 | .. | 40326b |
| 79 | 13270 | 23.4 | −33 7 | 7.5 | 7.0 | A3 | .. | *1,8* | **56**,142 |
| 80 | 13269 | 23.4 | −33 33 | 7.9 | 7.2 | B9 | 7 | .. | 40291b |
| 81 | 13268 | 23.4 | −33 36 | 7.9 | 9.9 | G5 | 3 | .. | 40291b |
| 82 | 12843 | 23.4 | −38 29 | 10.3 | .. | R5 | 1 | .. | 39340b |
| 83 | 12549 | 23.4 | −48 5 | 7.0 | 7.2 | Go | .. | *2,10* | **56**,142 |
| 84 | 12181 | 23.4 | −49 54 | 10.6 | 10.4 | K5 | 1 | .. | 39457b |
| 85 | 11615 | 23.4 | −51 4 | 9.9 | 10.1 | Ko | 2 | .. | 39457b |
| 86 | 2330 | 23.4 | −71 23 | 7.7 | 8.8 | K2 | 5 | 0,4 | 21336b |
| 87 | 3252 | 23.5 | +35 57 | 8.2 | *8.2* | Ao | 2 | .. | 37828i |
| 88 | 3271 | 23.5 | +31 55 | 7.8 | *8.8* | Ko | 3 | .. | 37828i |
| 89 | 3029 | 23.5 | +27 26 | 9.2 | *10.0* | G5 | 2 | .. | 37806i |
| 90 | 3473 | 23.5 | +11 8 | 8.7 | *8.8* | A2 | 2 | .. | 37901i |
| 91 | 3797 | 23.5 | + 6 46 | 8.5 | *8.9* | F5 | 7 | .. | 14170b |
| 92 | 3798 | 23.5 | + 6 39 | 9.1 | *10.1* | Ko | 2 | .. | 14170b |
| 93 | 3799 | 23.5 | + 6 21 | 9.1 | *9.2* | A2 | 4 | .. | 14170b |
| 94 | 3943 | 23.5 | + 0 44 | 7.9 | *8.7* | G5 | 7 | .. | 13401b |
| 95 | 4996 | 23.5 | −13 42 | 9.7 | *9.7* | Ao | 1 | .. | 38079b |
| 96 | 5071 | 23.5 | −14 38 | 4.73 | *4.81* | A3 | .. | *3,8* R | **56**,95 |
| 97 | 4896 | 23.5 | −16 38 | 9.9 | *9.9* | Ao | 4 | .. | 24169b |
| 98 | 4895 | 23.5 | −16 51 | 9.9 | *9.9* | B8 | 5 | .. | 24169b |
| 99 | 5022 | 23.5 | −21 42 | 8.7 | 8.5 | Ao | 6 | .. | 40616b |
| 100 | 4742 | 23.5 | −22 15 | 9.7 | 10.4 | G5 | 2 | .. | 40616b |



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## 170300 — 18h 23m.5

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 14411 | 23.5 | −23 0 | 10.0 | 9.4 | A3 | 3 | .. | 40616b |
| 2 | 13172 | 23.5 | −25 36 | 9.2 | 8.5 | B9 | 5 | .. | 40616b |
| 3 | 15594 | 23.5 | −31 48 | 7.9 | 9.8 | Ko | 4 | .. | 40291b |
| 4 | 12703 | 23.5 | −36 53 | 7.9 | 9.3 | G5 | 4 | .. | 40285b |
| 5 | 12617 | 23.5 | −37 2 | 9.3 | 9.2 | A3 | 4 | .. | 40285b |
| 6 | 12664 | 23.5 | −39 19 | 9.3 | 9.1 | Ao | 6 | .. | 21880b |
| 7 | 12859 | 23.5 | −41 12 | 8.6 | 8.6 | A2 | 7 | .. | 40856b |
| 8 | 13330 | 23.5 | −42 27 | 11.6 | 10.6 | Ao | 2 | .. | 21880b |
| 9 | 12656 | 23.5 | −44 2 | 10.1 | 10.6 | G5 | 2 | .. | 40856b |
| 10 | 12332 | 23.5 | −47 53 | 7.2 | 7.9 | Ko | .. | 0,8 | 56,142 |
| 11 | 8715 | 23.5 | −55 18 | *9.9* | 10.3 | F5 | 3 | .. | 39457b |
| 12 | 3143 | 23.5 | −68 54 | *8.8* | 9.1 | F2 | 2 | .. | 41598b |
| 13 | 2490 | 23.6 | +46 44 | 8.1 | *8.4* | F2 | 3 | .. | 37997i |
| 14 | 3425 | 23.6 | +24 37 | 6.82 | *6.80* | B9 | 8 | .. | 37806i |
| 15 | 3707 | 23.6 | + 8 46 | 9.2 | *9.7* | F8 | 2 | .. | 14170b |
| 16 | 3758 | 23.6 | + 4 47 | 7.80 | *7.80* | Ao | 7 | .. | 14170b |
| 17 | 4981 | 23.6 | −15 21 | 10.1 | *10.1* | Ao | 3 | .. | 24169b |
| 18 | 4982 | 23.6 | −15 21 | 9.2 | *9.2* | Ao | 5 | .. | 24169b |
| 19 | 4744 | 23.6 | −22 45 | 8.9 | 9.0 | F5 | 4 | .. | 40616b |
| 20 | 13272 | 23.6 | −33 11 | 8.38 | 8.1 | Ao | 6 | .. | 40291b |
| 21 | 13271 | 23.6 | −33 44 | 9.3 | 10.5 | G5 | 2 | .. | 40291b |
| 22 | 12430 | 23.6 | −46 16 | 9.3 | 10.6 | Ko | 1 | .. | 39665b |
| 23 | 11618 | 23.6 | −51 1 | 10.3 | 10.4 | G5 | 1 | .. | 39457b |
| 24 | 8914 | 23.6 | −54 15 | 9.2 | 10.0 | Ko | 3 | .. | 39457b |
| 25 | 1241 | 23.6 | −76 51 | *8.9* | 9.9 | Ko | 1 | .. | 19008b |
| 26 | 3134 | 23.7 | +36 36 | 7.8 | *7.8* | Ao | 3 | .. | 37828i |
| 27 | 3535 | 23.7 | +25 31 | 8.6 | *8.6* | B9 | 3 | .. | 37806i |
| 28 | 3474 | 23.7 | +11 10 | 8.7 | *9.5* | G5 | 2 | .. | 14170b |
| 29 | 4997 | 23.7 | −13 40 | 8.1 | *8.1* | Ao | 2 | .. | 44013b |
| 30 | 5213 | 23.7 | −17 25 | 9.4 | *9.4* | Ao | 4 | .. | 24169b |
| 31 | 13218 | 23.7 | −26 5 | 9.7 | 9.1 | Go | 3 | .. | 40616b |
| 32 | 12620 | 23.7 | −37 37 | 8.9 | 9.0 | A3 | 5 | .. | 40285b |
| 33 | 12659 | 23.7 | −44 38 | 9.5 | 9.7 | Ao | 4 | .. | 40856b |
| 34 | .. | 23.7 | −45 2 | var. | var. | Md | .. | R | M |
| 35 | 12434 | 23.7 | −46 21 | 10.3 | 10.6 | A2 | 2 | .. | 39665b |
| 36 | 12553 | 23.7 | −48 25 | 9.9 | 9.5 | F5 | 3 | .. | 19962b |
| 37 | 12185 | 23.7 | −49 24 | 9.7 | 10.1 | Ko | 1 | .. | 39665b |
| 38 | 11980 | 23.7 | −50 15 | 7.34 | 7.7 | Fo | 7 | .. | 39665b |
| 39 | 8828 | 23.7 | −56 54 | 8.6 | 9.7 | K5 | 2 | .. | 39457b |
| 40 | 685 | 23.8 | +76 34 | 8.9 | *9.5* | Go | 2 | .. | 38044i |
| 41 | 3255 | 23.8 | +35 27 | 8.1 | *8.1* | Ao | 3 | .. | 37828i |
| 42 | 3341 | 23.8 | +23 56 | 9.1 | *9.5* | F5 | 2 | .. | 37806i |
| 43 | 3342 | 23.8 | +23 47 | 8.6 | *9.7* | K2 | 2 | .. | 37806i |
| 44 | 3373 | 23.8 | +22 34 | 9.2 | *9.6* | F5 | 2 | .. | 37806i |
| 45 | 3726 | 23.8 | + 9 55 | 9.12 | *10.19* | K2 | 1 | .. | 14170b |
| 46 | 3804 | 23.8 | + 6 43 | 8.7 | *8.7* | Ao | 4 | .. | 14170b |
| 47 | 4637 | 23.8 | − 2 26 | 9.4 | *10.5* | K2 | 1 | .. | 24025b |
| 48 | 4899 | 23.8 | −16 10 | 8.7 | *9.0* | Fo | 8 | .. | 24169b |
| 49 | 4900 | 23.8 | −16 43 | 8.5 | *8.8* | Fo | 7 | .. | 24169b |
| 50 | 5025 | 23.8 | −19 40 | 9.1 | 9.4 | Ao | 3 | .. | 14619b |
| 51 | 14211 | 23.8 | −32 12 | 10.3 | 9.4 | A2 | 4 | .. | 40291b |
| 52 | 12710 | 23.8 | −36 53 | 10.1 | 9.5 | Ao | 3 | 0,3 | 39272b |
| 53 | 12560 | 23.8 | −40 27 | 10.6 | *11.4* | G5 | 1 | .. | 21880b |
| 54 | 12339 | 23.8 | −47 23 | 8.0 | 8.2 | G5 | 8 | .. | 19962b |
| 55 | 12337 | 23.8 | −47 53 | 9.9 | 11.6 | Ma | .. | .. | M |
| 56 | 8917 | 23.8 | −54 41 | *9.5* | 10.5 | Ko | 1 | .. | 39457b |
| 57 | *2716* | 23.9 | +46 0 | 8.3 | *9.1* | G5 | 1 | R | 37997i |
| 58 | 3056 | 23.9 | +41 25 | 8.9 | *9.0* | A5 | 1 | .. | 38500i |
| 59 | 3727 | 23.9 | + 9 8 | 8.3 | *9.5* | K5 | 3 | .. | 14170b |
| 60 | 3498 | 23.9 | − 1 17 | 9.4 | *10.5* | K2 | 2 | .. | 24025b |
| 61 | 4667 | 23.9 | − 5 7 | 9.60 | *9.60* | Ao | 2 | .. | 19014b |
| 62 | 5067 | 23.9 | −12 41 | 9.7 | *9.7* | B8 | 1 | .. | 39406b |
| 63 | 5076 | 23.9 | −14 49 | 10.1 | *10.6* | F8 | 2 | .. | 39406b |
| 64 | 5025 | 23.9 | −21 1 | 7.36 | 7.8 | Ao | 9 | .. | 40616b |
| 65 | 12896 | 23.9 | −27 49 | 10.4 | 10.0 | Ao | 2 | .. | 40326b |
| 66 | 14643 | 23.9 | −28 5 | 10.7 | 9.7 | Ao | 2 | .. | 40326b |
| 67 | 15599 | 23.9 | −31 1 | 8.1 | 9.9 | K2 | 2 | .. | 40326b |
| 68 | 12714 | 23.9 | −36 28 | 9.9 | 9.3 | F8 | 3 | R | 39272b |
| 69 | 12715 | 23.9 | −36 51 | 9.0 | 8.7 | B8 | 5 | .. | 40285b |
| 70 | 12851 | 23.9 | −38 19 | 9.7 | 9.5 | F8 | 3 | .. | 39272b |
| 71 | 12671 | 23.9 | −39 38 | 8.6 | 9.4 | Ko | 5 | .. | 21880b |
| 72 | 11982 | 23.9 | −50 46 | 10.6 | 10.4 | G5 | 2 | .. | 39457b |
| 73 | 8830 | 23.9 | −56 23 | 9.0 | 10.0 | Go | 2 | .. | 39457b |
| 74 | 822 | 24.0 | +73 59 | 8.1 | *8.1* | Ao | 4 | .. | 38044i |
| 75 | 3272 | 24.0 | +31 8 | 7.7 | *9.1* | Mb | 2 | .. | 37828i |
| 76 | .. | 24.0 | +22 48 | .. | .. | A | 1 | .. | 37806i |
| 77 | 3945 | 24.0 | + 0 22 | 9.0 | *10.1* | K2 | 3 | .. | 13401b |
| 78 | 4902 | 24.0 | −16 47 | 9.4 | *9.4* | B8 | 5 | .. | 24169b |
| 79 | 5028 | 24.0 | −19 35 | 9.1 | 10.2 | F8 | 2 | .. | 14619b |
| 80 | 13180 | 24.0 | −25 24 | 11.2 | 9.4 | Ao | 3 | .. | 40616b |
| 81 | 12719 | 24.0 | −36 2 | 9.3 | 9.3 | A5 | 3 | .. | 40291b |
| 82 | *12626* | 24.0 | −36 59 | 9.3 | 10.1 | K5 | 1 | *3,1* | 39272b |
| 83 | 12853 | 24.0 | −38 58 | 9.9 | 10.0 | Go | 3 | .. | 39272b |
| 84 | 12871 | 24.0 | −41 59 | 6.27 | 5.8 | A5 | .. | *3,10* | 28,213 |
| 85 | 12589 | 24.0 | −43 48 | 8.3 | 7.6 | B3 | .. | 5,7 | 56,142 |
| 86 | 12590 | 24.0 | −43 54 | 8.4 | 8.6 | Ko | 5 | .. | 40856b |
| 87 | 12558 | 24.0 | −48 31 | 10.1 | 9.5 | Fo | 2 | .. | 19962b |
| 88 | 12560 | 24.0 | −48 44 | 8.4 | 8.3 | Fo | 7 | .. | 19962b |
| 89 | 8918 | 24.0 | −54 41 | *10.0* | 10.5 | F8 | 1 | .. | 39457b |
| 90 | 9084 | 24.0 | −57 33 | 8.4 | 8.6 | Ao | 4 | .. | 42469b |
| 91 | 484 | 24.0 | −85 40 | 8.30 | 10.4 | Mb | 3 | .. | 22980b |
| 92 | 3268 | 24.1 | +26 37 | 9.3 | *9.3* | A | 2 | .. | 37806i |
| 93 | 3525 | 24.1 | +10 9 | 8.97 | *10.04* | K2 | 2 | .. | 14170b |
| 94 | 3492 | 24.1 | − 0 52 | 8.7 | *9.8* | K2 | 5 | .. | 24025b |
| 95 | 4638 | 24.1 | − 2 51 | 8.5 | *9.0* | F8 | 6 | .. | 24025b |
| 96 | 4749 | 24.1 | − 9 22 | 8.1 | *8.1* | Ao | 4 | .. | 19014b |
| 97 | 5077 | 24.1 | −14 39 | 5.99 | *5.99* | Aop | .. | *1,7* R | 56,95 |
| 98 | 13182 | 24.1 | −25 37 | 8.7 | 8.2 | Ao | 6 | .. | 40616b |
| 99 | 15767 | 24.1 | −30 54 | 8.0 | 9.3 | Ko | 4 | .. | 40326b |
| 100 | 15602 | 24.1 | −31 46 | 9.0 | 9.8 | A5 | 3 | .. | 40291b |



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## 170400 — $18^h\ 24^m.1$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12875 | 24.1 | −34 42 | 9.3 | 9.8 | A3 | 2 | .. | 40291b |
| 2 | 12627 | 24.1 | −37 43 | 9.3 | 10.1 | K2 | 2 | .. | 39272b |
| 3 | 12855 | 24.1 | −38 2 | 9.3 | 10.4 | Ko | 2 | .. | 39272b |
| 4 | 12674 | 24.1 | −39 13 | 9.3 | 9.4 | F5 | 3 | .. | 39272b |
| 5 | 12563 | 24.1 | −40 16 | 9.9 | 10.6 | G5 | 1 | .. | 21880b |
| 6 | 12547 | 24.1 | −45 29 | 9.7 | 10.6 | Ko | 2 | .. | 40856b |
| 7 | 3380 | 24.1 | −66 21 | *7.4* | 8.2 | G5 | 8 | .. | 41598b |
| 8 | 2382 | 24.2 | +51 56 | 8.6 | *9.1* | F8 | 2 | .. | 38559i |
| 9 | 3269 | 24.2 | +26 45 | 9.0 | *9.0* | Ao | 2 | .. | 37806i |
| 10 | 3526 | 24.2 | +10 54 | 8.5 | *8.6* | A2 | 1 | .. | 37901i |
| 11 | 3708 | 24.2 | + 8 26 | 9.2 | *9.8* | Go | 2 | .. | 14170b |
| 12 | 3707 | 24.2 | + 7 23 | 8.7 | *9.1* | F5 | 4 | .. | 14170b |
| 13 | 3947 | 24.2 | + 0 15 | 8.1 | *9.2* | K2 | 6 | .. | 13401b |
| 14 | 5070 | 24.2 | −12 4 | 9.1 | *9.1* | B9 | 1 | .. | 38079b |
| 15 | 14648 | 24.2 | −28 51 | 7.51 | 8.0 | A2 | 8 | .. | 40326b |
| 16 | 12673 | 24.2 | −35 23 | 7.51 | 8.6 | G5 | 7 | .. | 40291b |
| 17 | 13342 | 24.2 | −42 40 | 10.1 | 10.0 | K5 | 1 | .. | 40856b |
| 18 | 12591 | 24.2 | −43 25 | 9.1 | 9.2 | G5 | 4 | .. | 40856b |
| 19 | 12443 | 24.2 | −46 5 | 9.5 | 10.2 | A2 | 3 | .. | 39665b |
| 20 | 12444 | 24.2 | −46 27 | 9.5 | 10.3 | G5 | 3 | .. | 19962b |
| 21 | 1267 | 24.3 | +65 12 | 8.05 | *9.05* | K | 1 | .. | 38505i |
| 22 | 3129 | 24.3 | +32 23 | 8.6 | *9.6* | Ko | 2 | .. | 37828i |
| 23 | 3546 | 24.3 | +14 56 | 7.79 | *8.86* | K2 | 2 | .. | 37901i |
| 24 | 3729 | 24.3 | + 9 37 | 8.1 | *8.1* | Ao | 7 | .. | 14170b |
| 25 | 3730 | 24.3 | + 9 6 | 9.1 | *9.7* | Go | 2 | .. | 14170b |
| 26 | 3709 | 24.3 | + 7 8 | 9.0 | *9.0* | Ao | 4 | .. | 14170b |
| 27 | 3499 | 24.3 | − 1 13 | 8.7 | *9.7* | Ko | 5 | .. | 24025b |
| 28 | 5071 | 24.3 | −12 20 | 9.9 | *9.9* | Ao | 2 | .. | 38079b |
| 29 | 5072 | 24.3 | −12 28 | 8.9 | *8.9* | B9 | 3 | .. | 38079b |
| 30 | 5001 | 24.3 | −13 15 | 9.7 | *10.8* | K2 | 1 | .. | 39406b |
| 31 | 5002 | 24.3 | −13 34 | 9.4 | *9.4* | B8 | 3 | .. | 38079b |
| 32 | 5078 | 24.3 | −14 8 | 9.4 | *10.0* | Go | 3 | .. | 39406b |
| 33 | 4982 | 24.3 | −18 47 | 5.76 | *6.76* | Ko | .. | 0,10 | **28**,213 |
| 34 | 14402 | 24.3 | −24 8 | 8.0 | 8.2 | Ao | 6 | .. | 40616b |
| 35 | 14403 | 24.3 | −24 33 | 10.0 | 10.0 | G5 | 2 | .. | 40616b |
| 36 | 14404 | 24.3 | −24 53 | 10.7 | 10.3 | Ao | 3 | .. | 40616b |
| 37 | *12902* | 24.3 | −26 59 | 8.7 | 8.8 | Ao | 4 | .. | 40326b |
| 38 | 12905 | 24.3 | −27 43 | 10.0 | 9.1 | Fo | 4 | .. | 40326b |
| 39 | 15773 | 24.3 | −30 40 | 9.5 | 9.9 | A2 | 2 | .. | 40326b |
| 40 | 15611 | 24.3 | −31 32 | 8.9 | 9.9 | G5 | 3 | .. | 40291b |
| 41 | 12674 | 24.3 | −35 56 | 8.9 | 8.9 | A2 | 6 | .. | 40291b |
| 42 | 12727 | 24.3 | −36 47 | 8.9 | 9.2 | A5 | 5 | .. | 40285b |
| 43 | 12593 | 24.3 | −43 18 | 11.0 | 11.1 | Go | 1 | .. | 21880b |
| 44 | 11627 | 24.3 | −51 11 | 7.6 | 7.4 | Ao | 10 | .. | 39457b |
| 45 | 11145 | 24.3 | −52 31 | 8.6 | 9.5 | Ko | 3 | .. | 39457b |
| 46 | 1176 | 24.3 | −78 15 | *8.8* | 9.4 | Go | 3 | .. | 19008b |
| 47 | 45 | 24.3 | −89 17 | *10.5* | 11.5 | Ko | 2 | .. | 22980b |
| 48 | 3478 | 24.4 | +11 35 | 7.6 | *8.2* | Go | 4 | .. | 37901i |
| 49 | 3710 | 24.4 | + 8 50 | 8.3 | *8.4* | A2 | 7 | .. | 14170b |
| 50 | 3709 | 24.4 | + 8 12 | 9.4 | *9.4* | Ao | 2 | .. | 14170b |
| 51 | 3809 | 24.4 | + 6 43 | 9.7 | *10.3* | G | 1 | .. | 14170b |
| 52 | 5003 | 24.4 | −13 1 | 8.5 | *8.4* | B5 | 3 | .. | 39406b |
| 53 | 5081 | 24.4 | −14 17 | 9.9 | *9.7* | B2 | 3 | .. | 39406b |
| 54 | 5080 | 24.4 | −14 52 | 9.16 | *9.14* | B9 | 3 | .. | 39406b |
| 55 | 5082 | 24.4 | −14 56 | 10.3 | *10.3* | Ao | 2 | .. | 39406b |
| 56 | 4903 | 24.4 | −16 16 | 8.3 | *8.6* | Fo | 10 | .. | 24169b |
| 57 | 14431 | 24.4 | −23 19 | 6.99 | 8.2 | Ko | 7 | .. | 40616b |
| 58 | 14432 | 24.4 | −23 49 | 9.5 | 10.8 | G5 | 2 | .. | 40616b |
| 59 | 14407 | 24.4 | −24 18 | 10.7 | 10.8 | Ko | 2 | .. | 40616b |
| 60 | 15613 | 24.4 | −31 23 | 10.2 | 9.3 | B9 | 4 | .. | 40291b |
| 61 | 12730 | 24.4 | −36 52 | 6.99 | 7.6 | Fo | 8 | .. | 40285b |
| 62 | 12861 | 24.4 | −38 39 | 9.3 | 9.1 | Go | 2 | .. | 40285b |
| 63 | 12681 | 24.4 | −39 51 | 8.68 | 8.8 | F5 | 7 | .. | 21880b |
| 64 | 13345 | 24.4 | −42 9 | 8.6 | 7.6 | A2 | 6 | .. | 40856b |
| 65 | 12550 | 24.4 | −45 59 | 5.05 | *5.00* | B8 | .. | R | **28**,213 |
| 66 | 2561 | 24.4 | −70 1 | *9.1* | 9.2 | A5 | 2 | 2,1 | 21336b |
| 67 | 3264 | 24.5 | +29 58 | 8.11 | *8.11* | Ao | 2 | .. | 37828i |
| 68 | 3271 | 24.5 | +26 19 | 8.7 | *8.7* | Ao | 3 | .. | 37806i |
| 69 | 3479 | 24.5 | +11 37 | 8.0 | *8.8* | G5 | 1 | .. | 37901i |
| 70 | 3528 | 24.5 | +10 49 | 8.1 | *8.1* | Ao | 4 | .. | 37901i |
| 71 | 3733 | 24.5 | + 9 36 | 9.7 | *9.8* | A2 | 2 | .. | 14170b |
| 72 | 3811 | 24.5 | + 6 47 | 9.0 | *9.0* | Ao | 3 | .. | 14170b |
| 73 | 3495 | 24.5 | − 0 24 | 9.7 | *10.8* | K2 | 1 | .. | 24025b |
| 74 | 4641 | 24.5 | − 2 3 | 5.44 | *6.44* | Ko | 5 | R | 41736b |
| 75 | 5030 | 24.5 | −19 27 | 9.1 | 9.0 | B9 | 3 | .. | 14619b |
| 76 | 14434 | 24.5 | −23 57 | 9.5 | 11.0 | Ko | 1 | .. | 40616b |
| 77 | 14409 | 24.5 | −24 33 | 10.9 | 10.3 | Ao | 2 | .. | 40616b |
| 78 | 15031 | 24.5 | −29 40 | 10.2 | 9.9 | F8 | 2 | .. | 40326b |
| 79 | 13281 | 24.5 | −33 3 | 5.44 | 5.8 | A3 | .. | 0,10 | **56**,142 |
| 80 | 12864 | 24.5 | −38 46 | 10.3 | 10.6 | A2 | 1 | .. | 39272b |
| 81 | 12862 | 24.5 | −38 51 | 9.3 | 10.0 | G5 | 3 | .. | 39272b |
| 82 | 12569 | 24.5 | −40 18 | 9.9 | 10.3 | G5 | 2 | .. | 21880b |
| 83 | 12876 | 24.5 | −41 8 | 8.3 | 8.5 | Fo | 7 | .. | 40856b |
| 84 | 12553 | 24.5 | −45 47 | 8.5 | 9.8 | Mb | 4 | 0,3 | 39340b |
| 85 | 8920 | 24.5 | −54 37 | 9.2 | 9.4 | Go | 5 | .. | 39457b |
| 86 | 8833 | 24.5 | −56 43 | 8.3 | 9.4 | K2 | 2 | .. | 39457b |
| 87 | 2271 | 24.5 | −72 52 | *7.2* | 8.3 | K2 | 6 | .. | 21336b |
| 88 | 1686 | 24.5 | −74 10 | *8.6* | 9.4 | G5 | 2 | .. | 21336b |
| 89 | 412 | 24.6 | +84 37 | 7.38 | *7.72* | F2 | 7 | .. | 37294i |
| 90 | *2214* | 24.6 | +53 2 | 8.6 | *8.6* | Ao | 1 | .. | 38559i |
| 91 | 3005 | 24.6 | +28 54 | 9.3 | *9.4* | A2 | 1 | .. | 38456i |
| 92 | 3948 | 24.6 | + 0 14 | 9.0 | *9.3* | F2 | 5 | .. | 13401b |
| 93 | 3500 | 24.6 | − 1 52 | 8.22 | *9.40* | K5 | 5 | .. | 24025b |
| 94 | 5006 | 24.6 | −13 26 | 9.4 | *9.4* | B9 | 2 | .. | 39406b |
| 95 | 4904 | 24.6 | −16 59 | var. | var. | Nb | .. | R | M |
| 96 | 5160 | 24.6 | −20 21 | 7.87 | 9.4 | Ko | 4 | .. | 40616b |
| 97 | 5027 | 24.6 | −21 50 | 8.1 | 8.5 | B9 | 6 | .. | 40616b |
| 98 | 13196 | 24.6 | −25 37 | 10.9 | 10.0 | F | 2 | .. | 40616b |
| 99 | 24656 | 24.6 | −28 1 | 7.5 | 9.1 | K5 | 4 | .. | 40326b |
| 100 | 14220 | 24.6 | −32 21 | 8.3 | 8.1 | Fo | 7 | .. | 40291b |



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## 170500 — 18h 24m.6

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12636 | 24.6 | −37 39 | 7.58 | 8.0 | G5 | 6 | .. | 40285b |
| 2 | 12877 | 24.6 | −41 43 | 7.9 | 7.6 | B9 | 7 | .. | 40856b |
| 3 | 12449 | 24.6 | −46 22 | 9.3 | 9.8 | G5 | 3 | .. | 19962b |
| 4 | 8720 | 24.6 | −55 11 | *9.8* | 10.3 | F8 | 2 | .. | 39457b |
| 5 | 1687 | 24.6 | −74 27 | *8.7* | 9.1 | F5 | 4 | .. | 21336b |
| 6 | 1243 | 24.6 | −76 34 | *7.8* | 8.2 | F5 | 7 | .. | 19008b |
| 7 | 667 | 24.7 | +75 30 | 8.32 | *8.32* | A0 | 3 | .. | 38044i |
| 8 | 1827 | 24.7 | +60 25 | 8.3 | *8.6* | F2 | 2 | .. | 38505i |
| 9 | 3450 | 24.7 | +21 51 | 9.2 | *9.2* | A | 2 | .. | 37806i |
| 10 | 3713 | 24.7 | + 8 59 | 8.7 | *9.8* | K2 | 3 | .. | 14170b |
| 11 | 3712 | 24.7 | + 8 8 | 9.1 | *9.2* | A2 | 3 | .. | 14170b |
| 12 | 3712 | 24.7 | + 7 17 | 7.7 | *8.3* | G0 | 7 | .. | 14170b |
| 13 | 4478 | 24.7 | − 4 3 | 7.9 | *8.3* | F5 | 7 | .. | 24025b |
| 14 | 4673 | 24.7 | − 5 26 | 10.1 | *10.9* | G5 | 2 | .. | 19014b |
| 15 | 4648 | 24.7 | −11 32 | 8.7 | *9.3* | G0 | 3 | .. | 38079b |
| 16 | 5077 | 24.7 | −12 40 | 8.6 | *8.6* | B9 | 4 | .. | 38079b |
| 17 | 5083 | 24.7 | −14 40 | 10.1 | *10.1* | A0 | 2 | .. | 39406b |
| 18 | 13195 | 24.7 | −25 54 | 10.7 | 11.1 | K2 | 1 | .. | 40616b |
| 19 | 13285 | 24.7 | −33 18 | 9.7 | 9.8 | F8 | 3 | .. | 40291b |
| 20 | 12685 | 24.7 | −39 41 | 9.3 | 9.1 | A2 | 7 | 1,4 | 21880b |
| 21 | 12600 | 24.7 | −43 34 | 5.71 | 6.7 | K0 | .. | 0,10 | **56**,142 |
| 22 | 12672 | 24.7 | −44 40 | 8.6 | 9.4 | K2 | 4 | .. | 40856b |
| 23 | 12556 | 24.7 | −45 49 | 5.33 | 5.6 | B5 | .. | R | **28**,213 |
| 24 | 12571 | 24.7 | −48 56 | 10.6 | 9.8 | A0 | 2 | .. | 19962b |
| 25 | 7418 | 24.7 | −58 46 | 6.50 | 7.1 | G0 | 7 | 5,10 | 40463b |
| 26 | 3381 | 24.7 | −66 1 | *8.8* | 9.6 | G5 | 1 | .. | 41598b |
| 27 | 1266 | 24.8 | +64 46 | 7.25 | *8.25* | K0 | 4 | .. | 38505i |
| 28 | *3383* | 24.8 | +23 1 | 8.8 | *9.8* | K0 | 2 | .. | 37806i |
| 29 | 5007 | 24.8 | −13 57 | 10.3 | *10.3* | A0 | 2 | .. | 39406b |
| 30 | 4905 | 24.8 | −16 43 | 9.2 | *10.2* | K0 | 3 | .. | 24169b |
| 31 | 14415 | 24.8 | −24 57 | 7.45 | 7.5 | B9 | 9 | .. | 40616b |
| 32 | 12915 | 24.8 | −27 2 | 8.83 | 9.4 | F0 | 2 | .. | 40326b |
| 33 | 15623 | 24.8 | −31 44 | 8.9 | 10.2 | K2 | 1 | .. | 40291b |
| 34 | 14224 | 24.8 | −32 24 | Cl. | Cl. | Con. | 2 | R | 40291b |
| 35 | 12884 | 24.8 | −34 49 | 7.9 | 8.6 | A2 | 8 | .. | 40291b |
| 36 | 12676 | 24.8 | −44 6 | 8.7 | 8.8 | A0 | 5 | .. | 40856b |
| 37 | 11630 | 24.8 | −51 40 | 10.6 | 10.1 | G5 | 2 | .. | 39457b |
| 38 | 11148 | 24.8 | −52 48 | 9.1 | 9.8 | K2 | 3 | .. | 39457b |
| 39 | 6184 | 24.8 | −61 26 | 9.0 | 9.3 | F0 | 3 | .. | 42464b |
| 40 | 3574 | 24.8 | −67 36 | *9.0* | 9.3 | F0 | 3 | .. | 41442b |
| 41 | 2797 | 24.9 | +49 45 | 7.42 | *7.50* | A3 | 7 | .. | 38559i |
| 42 | 3658 | 24.9 | +13 47 | 6.89 | *7.23* | F2 | 7 | .. | 37901i |
| 43 | 3546 | 24.9 | +12 23 | 7.6 | *7.6* | A0 | 3 | .. | 37901i |
| 44 | 3481 | 24.9 | +11 50 | 7.9 | *8.2* | F2 | 3 | .. | 37901i |
| 45 | 3689 | 24.9 | + 1 7 | 8.04 | *8.04* | A0 | 8 | .. | 13401b |
| 46 | 3496 | 24.9 | − 0 42 | 9.4 | *9.9* | F8 | 1 | .. | 24025b |
| 47 | 4675 | 24.9 | − 5 48 | 6.33 | *7.11* | G5 | 9 | .. | 19014b |
| 48 | 5009 | 24.9 | −13 16 | 9.1 | *10.1* | K0 | 3 | .. | 39406b |
| 49 | 4991 | 24.9 | −15 49 | 8.5 | *8.5* | A0 | 6 | .. | 24169b |
| 50 | 13198 | 24.9 | −25 49 | 10.2 | 10.0 | G0 | 2 | .. | 40616b |
| 51 | 15787 | 24.9 | −30 12 | 10.7 | 10.2 | A2 | 3 | .. | 40326b |
| 52 | 12740 | 24.9 | −36 54 | 10.3 | 10.1 | G0 | 2 | .. | 39272b |
| 53 | 12602 | 24.9 | −43 12 | 10.3 | 11.4 | K0 | 2 | .. | 21880b |
| 54 | 12573 | 24.9 | −48 16 | 9.5 | 9.2 | G0 | 2 | .. | 19962b |
| 55 | 12198 | 24.9 | −49 40 | 11.0 | 10.7 | F0 | 2 | .. | 39457b |
| 56 | 9185 | 24.9 | −53 49 | 8.4 | 9.5 | A0 | 5 | .. | 39457b |
| 57 | 531 | 25.0 | +83 12 | 8.3 | *9.4* | K2 | 2 | .. | 37820i |
| 58 | 1993 | 25.0 | +54 50 | 7.61 | *8.61* | K0 | 4 | 0,3 | 38559i |
| 59 | *2722* | 25.0 | +46 0 | 7.8 | *8.8* | K0 | 1 | .. | 37997i |
| 60 | 2721 | 25.0 | +45 6 | 8.32 | *8.32* | A0 | 3 | .. | 37997i |
| 61 | 3451 | 25.0 | +21 45 | 9.1 | *10.1* | K | 1 | .. | 37806i |
| 62 | 3595 | 25.0 | +17 55 | 6.53 | *6.51* | B9 | 7 | .. | 37901b |
| 63 | 3816 | 25.0 | + 6 41 | 7.9 | *7.9* | A0 | 6 | .. | 14170b |
| 64 | 3817 | 25.0 | + 6 9 | 9.2 | *9.2* | A0 | 1 | .. | 14170b |
| 65 | 4642 | 25.0 | − 2 40 | 8.7 | *8.8* | A3 | 4 | .. | 24025b |
| 66 | 4709 | 25.0 | −10 57 | 7.7 | *8.0* | F2 | 2 | .. | 44013b |
| 67 | 4650 | 25.0 | −11 58 | 9.9 | *9.9* | B9 | 1 | .. | 39406b |
| 68 | 5029 | 25.0 | −21 36 | 8.9 | 10.4 | K5 | 3 | .. | 40616b |
| 69 | 13200 | 25.0 | −25 56 | 10.2 | 9.4 | A0 | 2 | .. | 40616b |
| 70 | 12868 | 25.0 | −38 25 | 9.3 | 10.6 | K2 | 1 | .. | 39272b |
| 71 | 12883 | 25.0 | −41 11 | 9.2 | 9.4 | F8 | 4 | .. | 40956b |
| 72 | 12349 | 25.0 | −47 56 | 9.9 | 11.4 | K5 | 1 | R | 19962b |
| 73 | 8922 | 25.0 | −54 19 | 8.2 | 9.2 | K5 | 5 | .. | 39457b |
| 74 | 3739 | 25.0 | −65 19 | *8.6* | 9.8 | K5 | 2 | .. | 41598b |
| 75 | 3382 | 25.0 | −66 15 | *9.2* | 9.3 | A3 | 4 | .. | 41598b |
| 76 | *995* | 25.1 | +69 2 | 9.8 | *10.6* | G5 | 1 | .. | 38029i |
| 77 | 2387 | 25.1 | +51 7 | 8.6 | *9.7* | K2 | 2 | .. | 38559i |
| 78 | 3538 | 25.1 | +25 53 | 9.1 | *9.2* | A2 | 2 | .. | 37806i |
| 79 | 3737 | 25.1 | + 9 9 | 7.5 | *7.9* | F5 | 7 | .. | 14170b |
| 80 | *3727* | 25.1 | + 4 0 | 6.50 | *6.38* | B5 | 7 | .. | 38022i |
| 81 | 5011 | 25.1 | −13 43 | 9.4 | *9.2* | B3 | 2 | .. | 39406b |
| 82 | 5085 | 25.1 | −14 52 | 10.3 | *10.4* | A3 | 1 | R | 39406b |
| 83 | 4993 | 25.1 | −15 21 | 10.6 | *10.6* | A0 | 1 | .. | 39406b |
| 84 | 4906 | 25.1 | −16 0 | 9.4 | *9.4* | B9 | 4 | .. | 24169b |
| 85 | 14418 | 25.1 | −24 44 | 9.2 | 10.6 | K | 1 | .. | 40616b |
| 86 | 15788 | 25.1 | −30 33 | 9.0 | 11.0 | G5 | 1 | .. | 40326b |
| 87 | 12686 | 25.1 | −35 10 | 8.9 | 9.5 | K2 | 1 | .. | 40291b |
| 88 | 12871 | 25.1 | −38 33 | 10.6 | 10.6 | A0 | 3 | .. | 39272b |
| 89 | 12573 | 25.1 | −40 50 | 9.7 | 9.7 | G0 | 3 | .. | 21880b |
| 90 | 12884 | 25.1 | −41 18 | 10.8 | 10.4 | G0 | 3 | .. | 21880b |
| 91 | 12885 | 25.1 | −41 52 | 10.8 | 10.6 | A5 | 3 | .. | 21880b |
| 92 | 1268 | 25.2 | +65 43 | 8.6 | *9.6* | K0 | 4 | .. | 37907i |
| 93 | 2389 | 25.2 | +51 35 | 8.0 | *9.2* | K5 | 1 | .. | 38559i |
| 94 | 2984 | 25.2 | +43 52 | 7.8 | *7.9* | A3 | 4 | .. | 37997i |
| 95 | 3186 | 25.2 | +38 42 | 7.7 | *8.7* | K0 | 1 | .. | 38500i |
| 96 | 3130 | 25.2 | +37 12 | 8.31 | *8.37* | A2 | 3 | E | 37828i |
| 97 | 3598 | 25.2 | +17 57 | 7.66 | *7.66* | A0 | 3 | .. | 37901i |
| 98 | 3532 | 25.2 | +10 25 | 6.79 | *7.07* | F0 | 6 | .. | 37901i |
| 99 | 3740 | 25.2 | + 9 46 | 8.4 | *8.7* | F0 | 6 | .. | 14170b |
| 100 | 3718 | 25.2 | + 8 54 | 8.3 | *8.9* | G0 | 3 | .. | 14170b |



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1922AnHar..97....1C



## 170600 — 18h 25m.2

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3501 | 25.2 | − 1 56 | 8.57 | *8.91* | F2 | 5 | .. | 24025b |
| 2 | 4643 | 25.2 | − 2 42 | 9.4 | *10.0* | Go | 2 | .. | 24025b |
| 3 | 4995 | 25.2 | −15 0 | 8.86 | *8.94* | A3 | 3 | R | 39406b |
| 4 | 4907 | 25.2 | −16 39 | 8.7 | *8.5* | B3 | 6 | .. | 14619b |
| 5 | 15791 | 25.2 | −30 59 | 8.9 | 10.1 | Ko | 2 | .. | 40291b |
| 6 | 13295 | 25.2 | −33 35 | 10.6 | 10.5 | A | 4 | R | 40291b |
| 7 | 12749 | 25.2 | −36 56 | 10.3 | 10.4 | Ko | 1 | .. | 39272b |
| 8 | 12575 | 25.2 | −40 49 | 9.5 | 9.4 | Ao | 5 | .. | 21880b |
| 9 | 12888 | 25.2 | −41 58 | 10.3 | 10.0 | Ao | 2 | .. | 40856b |
| 10 | 13356 | 25.2 | −42 14 | 10.1 | 10.4 | Ao | 2 | .. | 21880b |
| 11 | 11993 | 25.2 | −50 57 | 10.1 | 9.5 | Fo | 4 | .. | 39457b |
| 12 | 11635 | 25.2 | −51 15 | 11.0 | 10.1 | A2 | 1 | .. | 39457b |
| 13 | 11149 | 25.2 | −52 5 | *9.1* | 9.5 | F5 | 3 | .. | 39457b |
| 14 | 1898 | 25.3 | +59 40 | 7.16 | *8.16* | Ko | 4 | .. | 38505i |
| 15 | 2906 | 25.3 | +44 12 | 7.74 | *8.74* | Ko | 2 | .. | 37997i |
| 16 | 2905 | 25.3 | +44 4 | 7.8 | *7.8* | A | 2 | .. | 37997i |
| 17 | 3262 | 25.3 | +35 44 | 8.0 | *9.2* | K5 | 1 | .. | 37828i |
| 18 | 3270 | 25.3 | +29 52 | 8.4 | *9.4* | Ko | 1 | .. | 38456i |
| 19 | 3269 | 25.3 | +29 30 | 7.7 | *8.5* | G5 | 2 | .. | 37828i |
| 20 | 4996 | 25.3 | −15 27 | 10.3 | *10.3* | Ao | 1 | .. | 39406b |
| 21 | 14450 | 25.3 | −23 2 | 10.0 | 9.9 | A2 | 2 | .. | 40616b |
| 22 | 14447 | 25.3 | −23 23 | 7.4 | 8.2 | Ko | 5 | .. | 40616b |
| 23 | 12751 | 25.3 | −36 33 | 9.3 | 9.8 | Go | 4 | .. | 39272b |
| 24 | 12578 | 25.3 | −40 5 | 8.9 | 8.8 | F2 | 6 | .. | 21880b |
| 25 | 13358 | 25.3 | −42 23 | 9.3 | 8.2 | A5 | 5 | .. | 40856b |
| 26 | 13357 | 25.3 | −42 38 | 10.3 | 10.0 | Go | 1 | .. | 40856b |
| 27 | 12353 | 25.3 | −47 0 | 10.1 | 10.9 | Ko | 2 | .. | 39665b |
| 28 | 11636 | 25.3 | −51 39 | 9.2 | 9.2 | F2 | 4 | .. | 39457b |
| 29 | 2912 | 25.3 | −69 57 | var. | var. | Mb | 1 | 0,1 R | 21336b |
| 30 | 3601 | 25.4 | +17 33 | 7.6 | *7.7* | A2 | 4 | .. | 37901i |
| 31 | 3742 | 25.4 | + 9 55 | 9.12 | *9.40* | Fo | 3 | .. | 14170b |
| 32 | 3723 | 25.4 | + 8 48 | 8.7 | *8.8* | A3 | 5 | .. | 14170b |
| 33 | 3721 | 25.4 | + 8 8 | 8.5 | *9.3* | G5 | 5 | .. | 14170b |
| 34 | 3694 | 25.4 | + 1 10 | 9.89 | *9.89* | Ao | 1 | .. | 24025b |
| 35 | 3951 | 25.4 | + 0 39 | 9.4 | *9.9* | F8 | 2 | .. | 24025b |
| 36 | 13207 | 25.4 | −25 46 | 8.7 | 8.8 | F8 | 4 | .. | 40616b |
| 37 | 13237 | 25.4 | −26 18 | 10.2 | 9.1 | A3 | 3 | .. | 40616b |
| 38 | 15795 | 25.4 | −30 8 | 8.53 | 8.4 | B5 | 6 | .. | 40326b |
| 39 | 15633 | 25.4 | −31 38 | 10.2 | 9.8 | A2 | 2 | .. | 40291b |
| 40 | 12651 | 25.4 | −37 17 | 7.5 | 8.0 | B9 | 8 | .. | 40285b |
| 41 | 12874 | 25.4 | −38 10 | 7.9 | 7.9 | F2 | 6 | .. | 40285b |
| 42 | 12696 | 25.4 | −39 46 | 5.25 | 5.5 | A2 | .. | .. | **56**,142 |
| 43 | 2335 | 25.4 | −71 25 | *8.8* | 9.4 | Go | 2 | .. | 21336b |
| 44 | 982 | 25.5 | +69 59 | 8.69 | *9.47* | G5 | 2 | .. | 38029i |
| 45 | 2089 | 25.5 | +53 53 | 7.28 | *8.06* | G5 | 5 | .. | 38559i |
| 46 | 2908 | 25.5 | +44 40 | 8.1 | *8.4* | Fo | 1 | .. | 37997i |
| 47 | 3277 | 25.5 | +26 43 | 8.8 | *9.6* | G5 | 2 | .. | 37806i |
| 48 | *3541* | 25.5 | +26 0 | 7.9 | *8.0* | A2 | 6 | .. | 37806i |
| 49 | 3540 | 25.5 | +25 42 | 8.8 | *9.3* | F8 | 2 | .. | 37806i |
| 50 | 3347 | 25.5 | +23 48 | 5.72 | *5.60* | B5 | 10 | .. | 37806i |
| 51 | 3483 | 25.5 | +15 53 | 7.39 | *8.39* | Ko | 4 | .. | 37901i |
| 52 | 3952 | 25.5 | + 0 19 | 8.5 | *8.8* | F2 | 7 | .. | 24025b |
| 53 | 4481 | 25.5 | − 4 41 | 9.1 | *9.5* | F5 | 2 | .. | 19014b |
| 54 | 5013 | 25.5 | −13 52 | 9.4 | *9.4* | Ao | 4 | .. | 39406b |
| 55 | 5221 | 25.5 | −17 51 | 9.2 | *10.0* | G5 | 1 | .. | 14619b |
| 56 | 4987 | 25.5 | −18 21 | 8.2 | *8.5* | Fo | 6 | .. | 14619b |
| 57 | 4986 | 25.5 | −18 58 | 6.98 | *7.98* | Ko | 7 | .. | 14619b |
| 58 | 5164 | 25.5 | −20 57 | 9.7 | 10.2 | Ao | 3 | .. | 40616b |
| 59 | 5032 | 25.5 | −21 20 | 8.7 | 10.4 | K5 | 2 | .. | 40616b |
| 60 | 4753 | 25.5 | −22 58 | 10.1 | 9.9 | Go | 2 | .. | 40616b |
| 61 | 14428 | 25.5 | −24 48 | 10.7 | 10.0 | B8 | 2 | .. | 40616b |
| 62 | 12755 | 25.5 | −36 8 | 10.3 | 9.8 | Go | 3 | .. | 39272b |
| 63 | 12685 | 25.5 | −44 1 | 9.3 | 10.9 | K2 | 1 | .. | 40856b |
| 64 | 12563 | 25.5 | −45 14 | 8.6 | 9.2 | Ko | 5 | .. | 40856b |
| 65 | 11995 | 25.5 | −50 30 | 10.3 | 9.8 | A3 | 3 | .. | 39457b |
| 66 | 8926 | 25.5 | −54 9 | *10.0* | 10.1 | A3 | 2 | .. | 39457b |
| 67 | 8925 | 25.5 | −54 30 | *10.5* | 10.5 | Ao | 1 | .. | 39457b |
| 68 | 6189 | 25.5 | −61 14 | 8.9 | 10.0 | K5 | 1 | .. | 42464b |
| 69 | 3271 | 25.6 | +29 52 | 8.6 | *8.7* | A2 | 1 | .. | 37828i |
| 70 | 3437 | 25.6 | +24 35 | 9.2 | *10.2* | K | 1 | .. | 37806i |
| 71 | 3456 | 25.6 | +21 57 | 8.0 | *8.0* | Ao | 5 | .. | 37806i |
| 72 | 3814 | 25.6 | +20 59 | 8.6 | *9.0* | F5 | 2 | .. | 37806i |
| 73 | 3487 | 25.6 | +11 8 | 8.0 | *8.0* | Ao | 4 | .. | 37901i |
| 74 | *3744* | 25.6 | +10 2 | 8.77 | *9.95* | K5 | 2 | .. | 14170b |
| 75 | 3743 | 25.6 | + 9 36 | 9.2 | *10.4* | K5 | 1 | .. | 14170b |
| 76 | 3719 | 25.6 | + 7 28 | 9.1 | *9.1* | Ao | 2 | .. | 14170b |
| 77 | 4677 | 25.6 | − 5 4 | 8.85 | *9.27* | F5 | 4 | .. | 19014b |
| 78 | 4655 | 25.6 | −11 57 | 8.5 | *8.8* | Fo | 3 | .. | 38079b |
| 79 | 5089 | 25.6 | −14 44 | 10.1 | *10.9* | G5 | 2 | .. | 39406b |
| 80 | 4988 | 25.6 | −18 28 | 5.17 | *5.17* | Ao | .. | .. | **56**,95 |
| 81 | 5041 | 25.6 | −19 3 | 9.9 | 9.4 | A5 | 1 | .. | 14619b |
| 82 | 5036 | 25.6 | −19 14 | 8.6 | 7.8 | B8 | 5 | .. | 14619b |
| 83 | 4754 | 25.6 | −22 48 | 9.7 | 9.0 | Ao | 3 | .. | 40616b |
| 84 | 14673 | 25.6 | −28 35 | 7.9 | 8.6 | Go | 5 | .. | 40326b |
| 85 | 13303 | 25.6 | −33 22 | 10.1 | 9.6 | F5 | 2 | .. | 40291b |
| 86 | 12581 | 25.6 | −40 21 | 9.3 | 9.7 | Ao | 4 | .. | 21880b |
| 87 | 12894 | 25.6 | −41 57 | 9.5 | 9.7 | A2 | 2 | .. | 40856b |
| 88 | 12565 | 25.6 | −45 46 | 9.1 | 9.7 | G5 | 3 | .. | 39665b |
| 89 | 8927 | 25.6 | −54 40 | *10.5* | 10.5 | Ao | 2 | .. | 39457b |
| 90 | 7423 | 25.6 | −58 4 | 8.6 | 10.0 | K2 | 1 | .. | 40463b |
| 91 | 2914 | 25.6 | −69 9 | *8.0* | 8.3 | Fo | 5 | .. | 41598b |
| 92 | 1247 | 25.6 | −76 58 | *8.7* | 9.7 | Ko | 2 | .. | 19008b |
| 93 | 1271 | 25.7 | +65 30 | 4.99 | *5.99* | Ko | .. | 0,10 | **56**,95 |
| 94 | 2592 | 25.7 | +50 59 | 7.7 | *8.7* | Ko | 3 | .. | 38559i |
| 95 | 3348 | 25.7 | +23 8 | 9.3 | *9.3* | A | 2 | .. | 37806i |
| 96 | 3385 | 25.7 | +22 42 | 9.0 | *9.0* | Ao | 3 | .. | 37806i |
| 97 | 3457 | 25.7 | +21 28 | 8.0 | *8.0* | Ao | 4 | .. | 37806i |
| 98 | 3707 | 25.7 | +18 32 | 7.6 | *8.6* | Ko | 2 | .. | 19372i |
| 99 | 3774 | 25.7 | + 4 27 | 6.80 | *6.86* | A2 | 9 | .. | 14170b |
| 100 | 5090 | 25.7 | −14 11 | 9.1 | *8.9* | Bo | 4 | .. | 39406b |



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1922AnHar..97....1C



## 170700 — 18h 25m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 5091 | 25.7 | −14 50 | 10.8 | *11.2* | F5 | 1 | .. | 39406b |
| 2 | 15052 | 25.7 | −29 11 | 9.3 | 9.0 | B8 | 4 | .. | 40326b |
| 3 | 14233 | 25.7 | −32 13 | 9.5 | 9.0 | Ao | 4 | .. | 40291b |
| 4 | 14235 | 25.7 | −32 39 | 8.3 | 7.8 | B9 | 5 | .. | 40291b |
| 5 | 12898 | 25.7 | −34 40 | 10.6 | 9.9 | A2 | 1 | .. | 40291b |
| 6 | 12655 | 25.7 | −37 9 | 9.7 | 9.5 | G5 | 3 | .. | 39272b |
| 7 | 12002 | 25.7 | −50 17 | 7.6 | 8.6 | Ko | 8 | .. | 39457b |
| 8 | 11641 | 25.7 | −51 53 | 9.9 | 9.5 | A3 | 4 | .. | 39457b |
| 9 | 668 | 25.8 | +75 47 | 7.92 | *8.42* | F8 | 3 | .. | 38044i |
| 10 | 2494 | 25.8 | +46 22 | 7.18 | *7.46* | Fo | 5 | .. | 37997i |
| 11 | 3134 | 25.8 | +32 55 | 8.1 | *9.1* | Ko | 2 | .. | 37828i |
| 12 | 3729 | 25.8 | + 3 6 | 7.7 | 7.7 | Ao | 7 | .. | 24025b |
| 13 | 3953 | 25.8 | + 0 22 | 8.7 | *9.0* | F2 | 5 | .. | 24025b |
| 14 | 4678 | 25.8 | − 5 51 | 7.31 | *7.19* | B5 | 8 | .. | 19014b |
| 15 | 5085 | 25.8 | −12 5 | 7.42 | *7.92* | F8 | 3 | .. | 44013b |
| 16 | 5083 | 25.8 | −12 24 | 8.9 | *8.7* | Bo | 2 | 2,2 | 39406b |
| 17 | 5084 | 25.8 | −12 39 | 8.5 | *9.1* | Go | 3 | 0,3 | 39406b |
| 18 | 4910 | 25.8 | −16 3 | 8.5 | *8.5* | B8 | 4 | .. | 38079b |
| 19 | 5042 | 25.8 | −19 9 | 8.20 | 8.2 | B9 | 4 | .. | 14619b |
| 20 | 5165 | 25.8 | −20 8 | 9.9 | 9.9 | A | 2 | .. | 40616b |
| 21 | 15054 | 25.8 | −29 56 | 9.08 | 10.1 | A | 2 | .. | 40326b |
| 22 | 15055 | 25.8 | −29 57 | | 10.1 | A | 2 | .. | 40326b |
| 23 | 15643 | 25.8 | −31 12 | 8.5 | 8.7 | F8 | 5 | .. | 40291b |
| 24 | 13306 | 25.8 | −33 0 | 7.35 | 7.5 | A3 | 7 | .. | 40291b |
| 25 | *12880* | 25.8 | −37 59 | 8.9 | 9.1 | A5 | 3 | .. | 40285b |
| 26 | 12881 | 25.8 | −38 6 | 10.1 | 10.0 | Fo | 2 | .. | 39272b |
| 27 | 13362 | 25.8 | −42 1 | 9.2 | 9.4 | K2 | 3 | .. | 40856b |
| 28 | 12687 | 25.8 | −44 58 | 9.5 | 10.9 | K2 | 1 | .. | 40856b |
| 29 | 12463 | 25.8 | −46 29 | 9.7 | 11.4 | Ko | 1 | .. | 39665b |
| 30 | 12582 | 25.8 | −48 6 | 9.9 | 10.1 | G5 | 2 | .. | 19962b |
| 31 | 11151 | 25.8 | −52 49 | *9.4* | 9.8 | F5 | 5 | .. | 39457b |
| 32 | 8929 | 25.8 | −54 54 | *9.2* | 10.6 | Ma | 1 | .. | 39457b |
| 33 | 7426 | 25.8 | −58 24 | 8.8 | 9.3 | Ao | 3 | .. | 40463b |
| 34 | 5891 | 25.8 | −62 15 | *8.6* | 9.6 | Ko | 1 | .. | 42464b |
| 35 | 1750 | 25.9 | +61 19 | 8.5 | *8.9* | F5 | 1 | .. | 38505i |
| 36 | 3137 | 25.9 | +32 42 | 8.2 | *8.2* | B9 | 4 | .. | 37828i |
| 37 | 3279 | 25.9 | +26 36 | 8.4 | *9.2* | G5 | 4 | .. | 37806i |
| 38 | 3543 | 25.9 | +25 42 | 8.2 | *9.0* | G5 | 4 | .. | 37806i |
| 39 | 3698 | 25.9 | + 1 20 | 7.8 | *7.8* | B8 | 7 | .. | 24025b |
| 40 | 4713 | 25.9 | −10 52 | 5.80 | *5.63* | B3 | 7 | .. | 44013b |
| 41 | 5225 | 25.9 | −17 2 | 9.7 | *9.7* | Ao | 1 | .. | 14619b |
| 42 | 4991 | 25.9 | −18 49 | 10.1 | *10.1* | B9 | 1 | .. | 14619b |
| 43 | 14441 | 25.9 | −24 58 | 9.05 | 9.4 | F5 | 3 | .. | 40616b |
| 44 | 13216 | 25.9 | −25 47 | 10.7 | 9.5 | F8 | 2 | .. | 40616b |
| 45 | 14675 | 25.9 | −28 30 | 9.5 | 9.4 | F8 | 2 | .. | 40326b |
| 46 | 15059 | 25.9 | −29 12 | 10.2 | 10.7 | A | 1 | .. | 40326b |
| 47 | 15058 | 25.9 | −29 16 | 6.90 | 7.4 | Go | 9 | .. | 40326b |
| 48 | 15060 | 25.9 | −29 49 | 9.5 | 9.9 | Go | 2 | .. | 40326b |
| 49 | 13309 | 25.9 | −33 18 | 9.7 | 10.2 | A2 | 3 | .. | 40291b |
| 50 | 12700 | 25.9 | −35 25 | 7.02 | 8.1 | Ko | 8 | .. | 40291b |
| 51 | 12566 | 25.9 | −45 52 | 10.1 | 10.2 | A2 | 3 | .. | 39665b |
| 52 | 12362 | 25.9 | −47 34 | 9.7 | 10.9 | K5 | 1 | .. | 19962b |
| 53 | 5893 | 25.9 | −62 47 | *8.4* | 8.7 | F2 | 4 | .. | 42464b |
| 54 | 2276 | 25.9 | −72 25 | *9.3* | 9.4 | A2 | 2 | .. | 21336b |
| 55 | 3279 | 26.0 | +31 47 | 8.2 | *8.3* | A2 | 2 | .. | 37828i |
| 56 | 3459 | 26.0 | +21 48 | 7.8 | *8.3* | F8 | 5 | .. | 37806i |
| 57 | 3557 | 26.0 | +12 33 | var. | var. | Ao | 5 | R | 37901i |
| 58 | 3745 | 26.0 | + 9 9 | 9.7 | *10.1* | F5 | 1 | .. | 14170b |
| 59 | 4756 | 26.0 | − 9 33 | 9.1 | *9.2* | A2 | 1 | .. | 19014b |
| 60 | 5018 | 26.0 | −13 37 | 9.9 | *9.9* | B8 | 2 | .. | 39406b |
| 61 | 5017 | 26.0 | −13 42 | 10.6 | *10.6* | Ao | 1 | .. | 39406b |
| 62 | 4911 | 26.0 | −16 11 | 10.1 | *10.2* | A5 | 1 | .. | 39406b |
| 63 | *5048* | 26.0 | −18 59 | 9.9 | 9.0 | Ao | 2 | .. | 14619b |
| 64 | 5047 | 26.0 | −19 12 | var. | var. | F8 | 8 | R | 14619b |
| 65 | 4758 | 26.0 | −22 41 | 9.4 | 9.6 | G | 2 | .. | 40616b |
| 66 | 14443 | 26.0 | −24 48 | 8.9 | 8.6 | F5 | 6 | .. | 40616b |
| 67 | 13218 | 26.0 | −25 6 | 10.2 | 10.0 | A5 | 2 | .. | 40616b |
| 68 | 13247 | 26.0 | −26 33 | 8.3 | 8.2 | Go | 7 | .. | 40616b |
| 69 | 13245 | 26.0 | −26 54 | 10.4 | 10.2 | Go | 1 | .. | 40326b |
| 70 | 12936 | 26.0 | −27 17 | 7.5 | 7.3 | B8 | 7 | .. | 40326b |
| 71 | 12660 | 26.0 | −37 28 | 10.1 | 9.8 | F5 | 2 | .. | 39272b |
| 72 | 12705 | 26.0 | −39 49 | 10.1 | 10.0 | Go | 2 | 2,2 | 40285b |
| 73 | 12704 | 26.0 | −39 58 | 6.27 | 6.8 | Fo | .. | 2,9 | 56,142 |
| 74 | 12902 | 26.0 | −41 42 | 8.9 | 9.1 | Go | 4 | .. | 40856b |
| 75 | 12005 | 26.0 | −50 58 | 11.6 | 10.7 | Ko | 1 | .. | 39457b |
| 76 | 2277 | 26.0 | −72 3 | *8.1* | 9.5 | Ma | 1 | .. | 21336b |
| 77 | 769 | 26.1 | +74 7 | 8.9 | *9.0* | A2 | 2 | .. | 38044i |
| 78 | 2989 | 26.1 | +43 52 | 7.62 | *8.40* | G5 | 4 | .. | 37997i |
| 79 | 3746 | 26.1 | + 9 20 | 9.4 | *10.0* | Go | 1 | .. | 14170b |
| 80 | *3724* | 26.1 | + 8 1 | 7.60 | *8.78* | K5 | 4 | .. | 14170b |
| 81 | 3721 | 26.1 | + 7 52 | 8.5 | *8.5* | Ao | 5 | .. | 14170b |
| 82 | 3772 | 26.1 | + 5 41 | 7.7 | *7.8* | A2 | 7 | .. | 14170b |
| 83 | 3778 | 26.1 | + 4 34 | 7.70 | *7.58* | B5 | 7 | .. | 14170b |
| 84 | 3700 | 26.1 | + 1 23 | 8.3 | *8.3* | B8 | 6 | .. | 24025b |
| 85 | 3500 | 26.1 | − 0 31 | 8.1 | *9.1* | Ko | 7 | .. | 24025b |
| 86 | 3502 | 26.1 | − 1 20 | 9.4 | *10.0* | Go | 3 | .. | 24025b |
| 87 | 5001 | 26.1 | −15 15 | 8.1 | *8.4* | Fo | 3 | .. | 44013b |
| 88 | 5169 | 26.1 | −20 1 | 9.03 | 10.8 | K2 | 2 | .. | 40616b |
| 89 | 5168 | 26.1 | −20 44 | 9.4 | 10.2 | B9 | 3 | .. | 40616b |
| 90 | 4759 | 26.1 | −22 46 | 10.6 | 9.9 | A2 | 2 | .. | 40616b |
| 91 | 275 | 26.2 | +86 32 | 8.3 | *9.3* | Ko | 2 | .. | 37294i |
| 92 | 2909 | 26.2 | +44 51 | 8.57 | *8.85* | Fo | 1 | .. | 37997i |
| 93 | 3748 | 26.2 | + 9 56 | 8.97 | *8.97* | Ao | 4 | .. | 14170b |
| 94 | 3954 | 26.2 | + 0 17 | 10.4 | *10.4* | Ao | 2 | .. | 24025b |
| 95 | 3501 | 26.2 | − 0 33 | 7.01 | *6.96* | B8 | 10 | .. | 24025b |
| 96 | 5002 | 26.2 | −15 44 | 9.7 | *9.6* | B5 | 2 | .. | 39406b |
| 97 | 5227 | 26.2 | −17 18 | 9.7 | *9.7* | Ao | 1 | .. | 14619b |
| 98 | 4760 | 26.2 | −22 7 | 8.9 | 9.0 | A2 | 3 | .. | 40616b |
| 99 | 12710 | 26.2 | −39 42 | 9.3 | 9.1 | Ao | 3 | .. | 40285b |
| 100 | 12589 | 26.2 | −40 57 | 9.3 | 9.1 | Ao | 6 | 0,5 | 21880b |



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1922AnHar..97....1C



## 170800 — $18^h\ 26^m.2$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 13375 | 26.2 | −42 44 | 9.5 | 9.4 | Go | 2 | .. | 40856b |
| 2 | 12617 | 26.2 | −43 6 | 9.9 | 11.6 | Ma | .. | .. | M |
| 3 | 12008 | 26.2 | −50 47 | 9.5 | 8.9 | A3 | 7 | .. | 39457b |
| 4 | 11645 | 26.2 | −51 12 | 9.2 | 8.6 | A2 | 7 | .. | 39457b |
| 5 | 8938 | 26.2 | −54 0 | *9.8* | 10.4 | Go | 1 | .. | 39457b |
| 6 | 8937 | 26.2 | −54 10 | 6.92 | 7.8 | F5 | 6 | .. | 36342b |
| 7 | 7084 | 26.2 | −60 18 | 8.6 | 9.0 | Ao | 4 | .. | 40463b |
| 8 | 3740 | 26.2 | −65 36 | *8.7* | 9.9 | K5 | 1 | .. | 41598b |
| 9 | 2565 | 26.2 | −70 35 | *8.4* | 9.4 | Ko | 2 | .. | 41598b |
| 10 | 983 | 26.3 | +69 54 | 8.79 | *9.57* | G5 | 1 | .. | 38029i |
| 11 | 1899 | 26.3 | +59 29 | 6.47 | *7.47* | Ko | 6 | .. | 38505i |
| 12 | 1873 | 26.3 | +57 20 | 7.66 | *7.66* | Ao | 5 | .. | 38518i |
| 13 | 3064 | 26.3 | +41 23 | 8.6 | *8.7* | A3 | 2 | .. | 38500i |
| 14 | 3489 | 26.3 | +11 21 | 9.2 | *9.2* | Ao | 2 | .. | 14170b |
| 15 | 3726 | 26.3 | + 8 52 | 9.1 | *9.1* | Ao | 2 | .. | 14170b |
| 16 | 3820 | 26.3 | + 6 22 | 9.4 | *9.4* | Ao | 3 | .. | 14170b |
| 17 | 3502 | 26.3 | − 0 20 | 8.3 | *9.4* | K2 | 5 | .. | 24025b |
| 18 | 3503 | 26.3 | − 1 42 | 7.6 | *7.9* | F2 | 9 | .. | 24025b |
| 19 | 5095 | 26.3 | −14 4 | 8.7 | *9.9* | K5 | 2 | .. | 39406b |
| 20 | 5053 | 26.3 | −19 11 | 7.33 | 8.8 | K2 | 3 | .. | 14619b |
| 21 | 15820 | 26.3 | −30 25 | 9.5 | 10.2 | F5 | 2 | .. | 40326b |
| 22 | 13377 | 26.3 | −42 7 | 9.9 | 9.7 | Ao | 2 | .. | 40856b |
| 23 | 12571 | 26.3 | −45 34 | 9.7 | 9.1 | A2 | 4 | .. | 39665b |
| 24 | 12469 | 26.3 | −46 8 | 8.9 | 8.8 | A2 | 6 | .. | 19962b |
| 25 | 3383 | 26.3 | −66 58 | *7.9* | 9.0 | K2 | 4 | .. | 41598b |
| 26 | 2392 | 26.4 | +51 53 | 7.7 | *7.8* | A2 | 6 | .. | 38559i |
| 27 | 3282 | 26.4 | +26 43 | 9.0 | *10.0* | K | 1 | .. | 37806i |
| 28 | 3350 | 26.4 | +23 11 | 8.8 | *9.8* | Ko | 2 | .. | 37806i |
| 29 | 3821 | 26.4 | +20 46 | 6.59 | *7.37* | G5 | 8 | .. | 37806i |
| 30 | 3749 | 26.4 | + 9 8 | 10.4 | *10.5* | A2 | 2 | .. | 14170b |
| 31 | 3779 | 26.4 | + 4 19 | var. | var. | Nb | .. | R | M |
| 32 | 3732 | 26.4 | + 3 22 | 10.0 | *10.1* | A3 | 1 | .. | 24025b |
| 33 | 4779 | 26.4 | − 6 40 | 8.5 | *9.1* | Go | 3 | .. | 19014b |
| 34 | 4663 | 26.4 | −11 43 | 8.7 | *8.7* | B9 | 3 | 0,3 | 39406b |
| 35 | 5055 | 26.4 | −19 17 | 9.1 | 9.0 | B9 | 1 | .. | 14619b |
| 36 | 5052 | 26.4 | −19 20 | 9.4 | 9.3 | B9 | 2 | .. | 14619b |
| 37 | 5172 | 26.4 | −20 48 | 9.4 | 9.9 | Ao | 3 | .. | 40616b |
| 38 | 4761 | 26.4 | −22 28 | 9.4 | 9.6 | A | 3 | .. | 40616b |
| 39 | 13223 | 26.4 | −25 13 | Neb. | Neb. | Pd | .. | R | **76**,23 |
| 40 | 12943 | 26.4 | −27 15 | 9.0 | 9.1 | A3 | 3 | .. | 40326b |
| 41 | 14682 | 26.4 | −28 11 | 9.5 | 9.4 | A2 | 3 | .. | 40326b |
| 42 | 15657 | 26.4 | −31 3 | 9.0 | 10.2 | Ko | 3 | .. | 40291b |
| 43 | 13316 | 26.4 | −33 56 | 8.6 | 10.7 | K2 | 2 | .. | 40291b |
| 44 | 12912 | 26.4 | −41 55 | 8.9 | 10.3 | Ko | 2 | .. | 21880b |
| 45 | 13378 | 26.4 | −42 23 | 4.69 | 5.8 | G5 | .. | R | **28**,213 |
| 46 | 12470 | 26.4 | −46 29 | 10.3 | 10.6 | Go | 1 | .. | 39665b |
| 47 | 8940 | 26.4 | −54 29 | *9.7* | 10.7 | Ko | 1 | .. | 39457b |
| 48 | 662 | 26.4 | −83 39 | 7.71 | 9.1 | K2 | 4 | .. | 14161b |
| 49 | 1874 | 26.5 | +57 52 | 7.8 | *8.6* | G5 | 2 | .. | 38518i |
| 50 | 2078 | 26.5 | +55 37 | 7.65 | *8.07* | F5 | 5 | .. | 38559i |
| 51 | 3442 | 26.5 | +24 19 | 9.1 | *9.5* | F5 | 2 | .. | 37806i |
| 52 | 3493 | 26.5 | +11 21 | 9.1 | *9.1* | Ao | 4 | .. | 14170b |
| 53 | 3752 | 26.5 | + 9 59 | 9.4 | *9.4* | Ao | 2 | .. | 14170b |
| 54 | 3751 | 26.5 | + 9 28 | 9.7 | *9.7* | Ao | 2 | .. | 14170b |
| 55 | 3729 | 26.5 | + 8 53 | 9.0 | *9.0* | Ao | 5 | .. | 14170b |
| 56 | 3727 | 26.5 | + 8 12 | 9.7 | *9.8* | A2 | 1 | .. | 14170b |
| 57 | 4647 | 26.5 | − 2 28 | 7.40 | *8.47* | K2 | 7 | .. | 24025b |
| 58 | 5090 | 26.5 | −12 39 | 9.4 | *9.4* | B9 | 1 | .. | 39406b |
| 59 | 4993 | 26.5 | −18 25 | 9.31 | *9.45* | A5 | 2 | .. | 14619b |
| 60 | 5058 | 26.5 | −19 10 | 10.1 | 9.6 | B9 | 1 | .. | 14619b |
| 61 | *4764* | 26.5 | −21 59 | 9.4 | 11.0 | K | 1 | .. | 40616b |
| 62 | 4763 | 26.5 | −22 22 | 9.2 | 8.5 | B8 | 5 | .. | 40616b |
| 63 | 15823 | 26.5 | −30 12 | 10.4 | 10.2 | Ao | 2 | .. | 40326b |
| 64 | 15658 | 26.5 | −31 30 | 10.4 | 10.1 | Ao | 3 | .. | 40291b |
| 65 | 12665 | 26.5 | −37 24 | 7.9 | 9.0 | Go | 4 | .. | 40285b |
| 66 | 12894 | 26.5 | −38 13 | 9.7 | 9.5 | A2 | 3 | .. | 39272b |
| 67 | 12896 | 26.5 | −38 47 | 5.95 | 6.6 | B8 | .. | R | **56**,142 |
| 68 | 12895 | 26.5 | −38 48 | 6.55 | 7.1 | A | .. | | |
| 69 | 12712 | 26.5 | −39 34 | 8.9 | 9.1 | Go | 4 | .. | 40285b |
| 70 | 12621 | 26.5 | −43 33 | 9.1 | 10.3 | Ko | 3 | .. | 40856b |
| 71 | 12370 | 26.5 | −47 11 | 11.0 | 10.6 | A3 | 3 | .. | 39665b |
| 72 | 12009 | 26.5 | −50 54 | 9.3 | 9.5 | Ko | 4 | .. | 39457b |
| 73 | 11158 | 26.5 | −52 58 | 6.30 | 7.7 | Ko | 5 | .. | 36342b |
| 74 | 9200 | 26.5 | −53 36 | *10.3* | 10.4 | A2 | 3 | .. | 39457b |
| 75 | 2728 | 26.6 | +45 55 | 7.45 | *8.45* | Ko | 3 | .. | 37997i |
| 76 | *3154* | 26.6 | +37 0 | 8.0 | *9.0* | Ko | 1 | .. | 37828i |
| 77 | 3281 | 26.6 | +31 32 | 8.4 | *9.4* | K | 1 | .. | 37828i |
| 78 | 3529 | 26.6 | +16 52 | 5.67 | *5.67* | Ao | 10 | .. | 37901i |
| 79 | 3667 | 26.6 | +13 7 | 7.9 | *8.9* | Ko | 2 | .. | 37901i |
| 80 | 3728 | 26.6 | + 7 55 | 9.4 | *9.5* | A2 | 2 | .. | 14170b |
| 81 | 3824 | 26.6 | + 6 24 | 7.9 | *7.9* | B9 | 7 | .. | 14170b |
| 82 | 3703 | 26.6 | + 1 50 | 9.2 | *10.3* | K2 | 1 | .. | 24025b |
| 83 | 4783 | 26.6 | − 6 11 | 8.1 | *9.3* | K5 | 1 | .. | 19014b |
| 84 | 4915 | 26.6 | −16 10 | 9.4 | *9.4* | B9 | 1 | .. | 38079b |
| 85 | 4916 | 26.6 | −16 17 | 9.2 | *10.2* | Ko | 1 | .. | 38079b |
| 86 | 5059 | 26.6 | −19 2 | 7.70 | 8.1 | Ko | 5 | .. | 14619b |
| 87 | 5057 | 26.6 | −19 32 | 8.9 | 9.6 | K2 | 3 | .. | 14619b |
| 88 | 5041 | 26.6 | −21 18 | 9.4 | 10.8 | K5 | 2 | .. | 40616b |
| 89 | 5040 | 26.6 | −21 47 | 10.6 | 10.5 | A5 | 2 | .. | 40616b |
| 90 | 13323 | 26.6 | −33 3 | 9.7 | 8.4 | Ao | 5 | .. | 40291b |
| 91 | 13322 | 26.6 | −33 29 | 8.4 | 9.8 | K2 | 3 | .. | 40291b |
| 92 | 12714 | 26.6 | −39 13 | 8.9 | 9.5 | Ko | 3 | .. | 39272b |
| 93 | 12695 | 26.6 | −44 43 | 11.0 | 10.6 | F8 | 2 | .. | 40856b |
| 94 | 12014 | 26.6 | −50 9 | 9.3 | 9.8 | Ko | 3 | .. | 39457b |
| 95 | 3741 | 26.6 | −65 35 | *8.9* | 10.1 | K5 | 1 | .. | 41598b |
| 96 | 3141 | 26.7 | +37 9 | 7.6 | *8.6* | Ko | 2 | .. | 37828i |
| 97 | 3465 | 26.7 | +21 35 | 8.0 | *9.0* | Ko | 5 | .. | 37806i |
| 98 | 3464 | 26.7 | +21 25 | 9.0 | *9.6* | G | 2 | .. | 37806i |
| 99 | 3729 | 26.7 | + 7 58 | 7.55 | *8.11* | Go | 6 | .. | 14170b |
| 100 | 4626 | 26.7 | − 8 45 | 9.4 | *10.2* | G5 | 2 | .. | 19014b |



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## 170900 — 18h 26m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4762 | 26.7 | − 9 26 | 7.7 | *7.7* | Ao | 2 | *1,7* | 44013b |
| 2 | 5098 | 26.7 | −14 43 | 6.34 | *6.40* | A2 | .. | 1,5 | **56**,142 |
| 3 | 5003 | 26.7 | −15 36 | 8.7 | *8.7* | B9 | 3 | .. | 38079b |
| 4 | 4919 | 26.7 | −16 0 | 8.7 | *8.7* | B9 | 3 | .. | 38079b |
| 5 | 4767 | 26.7 | −22 12 | 8.1 | 8.7 | G5 | 6 | .. | 40616b |
| 6 | 14473 | 26.7 | −23 57 | 10.0 | 9.9 | B9 | 3 | .. | 40616b |
| 7 | 13227 | 26.7 | −25 10 | 8.7 | 8.3 | B9 | 5 | .. | 40616b |
| 8 | 12595 | 26.7 | −40 54 | 10.6 | 10.3 | A3 | 2 | .. | 21880b |
| 9 | 12916 | 26.7 | −41 4 | 9.5 | 10.4 | Ko | 1 | .. | 40856b |
| 10 | 12915 | 26.7 | −41 36 | 9.2 | 10.6 | Ko | 2 | .. | 21880b |
| 11 | 12696 | 26.7 | −44 2 | 10.6 | 10.9 | Ao | 2 | .. | 40856b |
| 12 | 12013 | 26.7 | −50 32 | 9.7 | 10.4 | Mb | 2 | .. | 39457b |
| 13 | 11648 | 26.7 | −51 41 | 11.0 | 10.1 | Go | 1 | .. | 39457b |
| 14 | 11649 | 26.7 | −51 58 | 11.0 | 10.1 | Go | 1 | .. | 39457b |
| 15 | 6193 | 26.7 | −61 17 | *8.7* | 9.9 | K5 | 1 | .. | 42464b |
| 16 | 3390 | 26.8 | +22 44 | 9.1 | *9.1* | Ao | 2 | .. | 37806i |
| 17 | 3542 | 26.8 | +10 20 | 9.1 | *9.2* | A2 | 3 | .. | 14170b |
| 18 | 3827 | 26.8 | + 6 22 | 9.0 | *9.4* | F5 | 2 | .. | 14170b |
| 19 | 3775 | 26.8 | + 5 52 | 9.4 | *9.4* | Ao | 1 | .. | 14170b |
| 20 | 3504 | 26.8 | − 1 4 | 5.81 | *5.87* | A2 | 7 | .. | 38022i |
| 21 | 4617 | 26.8 | − 7 54 | 8.0 | *8.0* | Ao | 7 | .. | 19014b |
| 22 | 5021 | 26.8 | −13 55 | 10.1 | *10.1* | B9 | 1 | .. | 39406b |
| 23 | 4920 | 26.8 | −16 35 | 10.3 | *11.3* | Ko | 3 | .. | 24169b |
| 24 | 15829 | 26.8 | −30 20 | 9.7 | 9.9 | Ao | 3 | .. | 40326b |
| 25 | 12784 | 26.8 | −36 50 | 8.6 | 8.6 | B9 | 6 | .. | 40285b |
| 26 | 12901 | 26.8 | −38 43 | 8.7 | 7.6 | Ao | 6 | .. | 40285b |
| 27 | 12214 | 26.8 | −49 16 | 11.6 | 10.9 | Ma | .. | .. | M |
| 28 | 8734 | 26.8 | −55 39 | 7.2 | 8.9 | K5 | 5 | .. | 39457b |
| 29 | 998 | 26.9 | +70 21 | 8.5 | *8.5* | Ao | 3 | .. | 38095i |
| 30 | 1751 | 26.9 | +61 30 | 9.1 | *9.2* | A2 | 1 | .. | 38505i |
| 31 | 3141 | 26.9 | +32 35 | 7.7 | *7.7* | Ao | 5 | .. | 37828i |
| 32 | 3354 | 26.9 | +23 47 | 8.7 | *9.0* | Fo | 3 | .. | 37806i |
| 33 | 3494 | 26.9 | +11 59 | 8.9 | *8.9* | A | 1 | E | 14170b |
| 34 | 3754 | 26.9 | + 9 47 | 9.1 | *9.7* | Go | 3 | .. | 14170b |
| 35 | 3730 | 26.9 | + 7 10 | 7.36 | *7.31* | B8 | 8 | .. | 14170b |
| 36 | 3608 | 26.9 | + 2 56 | 9.4 | *9.4* | Ao | 1 | .. | 24025b |
| 37 | *5005* | 26.9 | −14 59 | 8.61 | *9.68* | K2 | 1 | .. | 39406b |
| 38 | 5004 | 26.9 | −15 46 | 8.7 | *8.5* | Bo | 2 | .. | 38079b |
| 39 | 13232 | 26.9 | −25 15 | 9.5 | 9.4 | Ko | 2 | .. | 40616b |
| 40 | 13262 | 26.9 | −26 15 | 8.9 | 8.8 | F5 | 4 | .. | 40616b |
| 41 | 15832 | 26.9 | −30 8 | 8.46 | 8.7 | B9 | 7 | .. | 40326b |
| 42 | 12715 | 26.9 | −35 51 | 9.7 | 9.9 | Ko | 3 | .. | 39272b |
| 43 | 12786 | 26.9 | −36 53 | 7.8 | 8.0 | B9 | 7 | .. | 40285b |
| 44 | 12673 | 26.9 | −37 10 | 8.6 | 8.9 | B9 | 4 | .. | 40285b |
| 45 | 12018 | 26.9 | −50 5 | 11.6 | 10.1 | A5 | 2 | .. | 39457b |
| 46 | 12016 | 26.9 | −50 48 | 6.80 | 8.0 | Ko | 10 | .. | 39457b |
| 47 | 11162 | 26.9 | −52 17 | 9.1 | 9.2 | G5 | 4 | .. | 39457b |
| 48 | 11161 | 26.9 | −52 27 | 7.4 | 7.7 | Ko | 10 | .. | 39457b |
| 49 | 8946 | 26.9 | −54 39 | *9.3* | 10.1 | G5 | 2 | .. | 39457b |
| 50 | 7305 | 26.9 | −59 37 | 9.0 | 9.0 | A2 | 5 | .. | 40463b |
| 51 | 3551 | 27.0 | +25 6 | 7.96 | *9.31* | Ma | 3 | .. | 37806i |
| 52 | 3443 | 27.0 | +24 31 | 9.2 | *9.3* | A2 | 2 | .. | 37806i |
| 53 | 3732 | 27.0 | + 8 57 | 9.1 | *10.2* | K2 | 1 | .. | 14170b |
| 54 | 5176 | 27.0 | −20 27 | 9.7 | 10.2 | Ao | 2 | .. | 40616b |
| 55 | 5175 | 27.0 | −20 43 | 9.9 | 10.4 | Go | 2 | .. | 40616b |
| 56 | 13266 | 27.0 | −26 30 | 10.7 | 9.1 | Ao | 2 | .. | 40616b |
| 57 | 15076 | 27.0 | −29 41 | 9.7 | 9.9 | F2 | 1 | .. | 40326b |
| 58 | 15075 | 27.0 | −29 56 | 9.50 | 10.1 | G5 | 1 | .. | 40326b |
| 59 | 13329 | 27.0 | −33 42 | 8.3 | 8.1 | Fo | 6 | .. | 40291b |
| 60 | 12718 | 27.0 | −35 44 | 10.6 | 9.9 | F5 | 2 | .. | 39272b |
| 61 | 13388 | 27.0 | −42 22 | 9.5 | 9.1 | Ao | 3 | .. | 40856b |
| 62 | 12699 | 27.0 | −44 18 | 10.3 | 10.6 | Ao | 2 | .. | 40856b |
| 63 | 12701 | 27.0 | −44 46 | 10.3 | 10.9 | A2 | 2 | .. | 40856b |
| 64 | 11163 | 27.0 | −52 6 | 9.0 | 9.0 | Ko | 4 | .. | 39457b |
| 65 | 8738 | 27.0 | −55 13 | 9.0 | 9.9 | Ko | 2 | .. | 39457b |
| 66 | 8739 | 27.0 | −55 18 | *9.5* | 9.9 | F5 | 3 | .. | 39457b |
| 67 | 7093 | 27.0 | −60 27 | 8.0 | 7.6 | Ao | 7 | .. | 40463b |
| 68 | 4432 | 27.0 | −63 58 | *9.1* | 10.1 | Ko | 1 | .. | 42464b |
| 69 | 2921 | 27.0 | −69 4 | *9.1* | 9.2 | A3 | 2 | .. | 41442b |
| 70 | 3157 | 27.1 | +36 11 | 7.62 | *8.97* | Ma | 3 | .. | 37828i |
| 71 | 3544 | 27.1 | +10 40 | 8.4 | *9.5* | K2 | 3 | .. | 14170b |
| 72 | 3545 | 27.1 | +10 28 | 9.2 | *10.0* | G5 | 1 | .. | 14170b |
| 73 | 3737 | 27.1 | + 3 35 | 6.34 | *6.32* | B9 | 8 | .. | 38022i |
| 74 | 3505 | 27.1 | − 1 0 | 9.4 | *10.5* | K2 | 1 | .. | 24025b |
| 75 | 5099 | 27.1 | −14 56 | 5.88 | *6.95* | K2 | 3 | .. | 44013b |
| 76 | 5006 | 27.1 | −15 54 | 9.4 | *10.5* | K2 | 1 | .. | 39406b |
| 77 | 4771 | 27.1 | −22 53 | 8.7 | 9.4 | Ko | 4 | .. | 40616b |
| 78 | 14462 | 27.1 | −24 11 | 6.75 | 7.2 | B3 | .. | 2,4- | **56**,142 |
| 79 | 13234 | 27.1 | −25 23 | 11.4 | 10.2 | A | 1 | .. | 40616b |
| 80 | 12719 | 27.1 | −35 42 | 10.1 | 9.6 | Ko | 4 | .. | 39272b |
| 81 | 12920 | 27.1 | −41 17 | 7.5 | 7.6 | B9 | 9 | .. | 40856b |
| 82 | 12581 | 27.1 | −45 47 | 9.7 | 10.2 | K2 | 2 | .. | 39665b |
| 83 | 12379 | 27.1 | −47 46 | 10.6 | 10.9 | A2 | 1 | .. | 39665b |
| 84 | 12216 | 27.1 | −49 25 | 7.3 | 8.0 | Ko | 6 | .. | 39665b |
| 85 | 2994 | 27.2 | +43 16 | 8.7 | *9.7* | Ko | 1 | .. | 37997i |
| 86 | 3013 | 27.2 | +28 26 | 7.45 | *7.43* | B9 | 7 | 0,7 | 38456i |
| 87 | 3829 | 27.2 | + 6 43 | 7.34 | *7.76* | F5 | 8 | .. | 14170b |
| 88 | 4627 | 27.2 | − 8 4 | 9.1 | *9.4* | Fo | 2 | .. | 19014b |
| 89 | 5023 | 27.2 | −13 8 | 8.9 | *8.9* | Ao | 2 | .. | 39406b |
| 90 | 5101 | 27.2 | −14 42 | 10.6 | *10.6* | B9 | 1 | .. | 39406b |
| 91 | 4922 | 27.2 | −16 38 | 7.16 | *8.16* | Ko | 8 | .. | 24169b |
| 92 | 14487 | 27.2 | −23 36 | 9.0 | 8.5 | B8 | 4 | .. | 40616b |
| 93 | 14700 | 27.2 | −28 10 | 8.1 | 10.2 | Ma | 2 | .. | 40326b |
| 94 | 14255 | 27.2 | −32 53 | 9.3 | 9.0 | F5 | 5 | .. | 40291b |
| 95 | 12918 | 27.2 | −34 11 | 9.9 | 9.3 | A3 | 3 | .. | 40291b |
| 96 | 12919 | 27.2 | −34 34 | 10.1 | 9.6 | Ao | 3 | .. | 40291b |
| 97 | 12791 | 27.2 | −36 27 | 8.4 | 9.0 | G5 | 4 | .. | 40285b |
| 98 | 12676 | 27.2 | −37 47 | 8.1 | 9.5 | G5 | 4 | .. | 40285b |
| 99 | 12605 | 27.2 | −40 17 | 10.3 | 10.6 | Ko | 1 | .. | 39272b |
| 100 | 13392 | 27.2 | −42 40 | 7.9 | 8.2 | G5 | 6 | .. | 40856b |



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1922ApJ...55...97...1C



## 171000 — 18h 27m.2

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11164 | 27.2 | −52 16 | 9.2 | 9.0 | Ao | 5 | .. | 39457b |
| 2 | 7096 | 27.2 | −60 9 | 8.80 | 9.3 | F5 | 4 | .. | 40463b |
| 3 | 1913 | 27.2 | −73 2 | *8.8* | 9.4 | Go | 1 | .. | 21336b |
| 4 | 1179 | 27.2 | −78 0 | *8.7* | 9.5 | G5 | 3 | .. | 19008b |
| 5 | *637* | 27.3 | +79 1 | 8.7 | *9.0* | Fo | 2 | .. | 38044i |
| 6 | 984 | 27.3 | +69 40 | 9.3 | *10.3* | Ko | 1 | .. | 38029i |
| 7 | 1832 | 27.3 | +60 22 | 8.1 | *8.9* | G5 | 2 | .. | 38518i |
| 8 | 3394 | 27.3 | +40 55 | 6.96 | *8.03* | K2 | 4 | .. | 38500i |
| 9 | 3121 | 27.3 | +33 52 | 8.2 | *9.0* | G5 | 1 | .. | 37828i |
| 10 | 3394 | 27.3 | +22 55 | 8.2 | *9.0* | G5 | 5 | .. | 37806i |
| 11 | 3547 | 27.3 | +10 40 | 9.7 | *9.8* | A2 | 1 | .. | 14170b |
| 12 | 4994 | 27.3 | −18 26 | 6.98 | *6.74* | Bo | .. | 0,7 | **56**,142 |
| 13 | 4772 | 27.3 | −22 42 | 8.5 | 8.4 | Fo | 6 | .. | 40616b |
| 14 | 13273 | 27.3 | −26 57 | 8.3 | 9.1 | G5 | 4 | .. | 40326b |
| 15 | 15083 | 27.3 | −29 14 | 9.0 | 11.0 | K2 | 1 | .. | 40326b |
| 16 | 15841 | 27.3 | −30 43 | 9.5 | 10.2 | Go | 3 | .. | 40326b |
| 17 | 12677 | 27.3 | −37 0 | 9.3 | 9.2 | A2 | 3 | .. | 40285b |
| 18 | 12478 | 27.3 | −46 50 | 11.0 | 11.0 | F8 | 1 | .. | 39665b |
| 19 | 12381 | 27.3 | −47 26 | 10.3 | 10.9 | G5 | 1 | .. | 39665b |
| 20 | 12596 | 27.3 | −48 5 | 8.5 | 8.9 | B8 | 7 | .. | 39665b |
| 21 | 12598 | 27.3 | −48 44 | 9.3 | 8.9 | A5 | 4 | .. | 39665b |
| 22 | 7435 | 27.3 | −58 38 | 8.7 | 9.1 | A5 | 4 | .. | 40463b |
| 23 | 3934 | 27.3 | −64 53 | *9.7* | 10.7 | Ko | 1 | .. | 42464b |
| 24 | 2567 | 27.3 | −70 57 | *9.0* | 9.1 | A5 | 3 | 0,3- | 41598b |
| 25 | 11178 | 27.3 | −78 18 | *9.6* | 9.7 | A2 | 3 | .. | 19008b |
| 26 | 3143 | 27.4 | +32 11 | 7.30 | *7.30* | Ao | 5 | .. | 37828i |
| 27 | 3444 | 27.4 | +24 59 | 8.96 | *9.24* | Fo | 3 | .. | 37806i |
| 28 | 3833 | 27.4 | + 6 53 | 8.3 | *8.9* | Go | 4 | .. | 14170b |
| 29 | 4925 | 27.4 | −16 55 | 8.3 | *8.9* | Go | 4 | 0,4 | 38079b |
| 30 | 4773 | 27.4 | −22 26 | 9.9 | 9.6 | G | 2 | R | 40616b |
| 31 | 13242 | 27.4 | −25 47 | 10.0 | 9.7 | F5 | 2 | .. | 40616b |
| 32 | 12960 | 27.4 | −27 34 | 8.9 | 8.6 | B8 | 5 | .. | 40326b |
| 33 | 15677 | 27.4 | −31 32 | 9.2 | 9.6 | F8 | 3 | .. | 40291b |
| 34 | 13338 | 27.4 | −33 5 | 5.38 | 5.3 | B3 | .. | .. | **56**,142 |
| 35 | 12724 | 27.4 | −35 48 | 10.6 | 9.8 | F8 | 2 | .. | 39272b |
| 36 | 12925 | 27.4 | −41 30 | 8.9 | 8.8 | Ao | 6 | .. | 40856b |
| 37 | 12582 | 27.4 | −45 52 | 10.1 | 9.7 | F8 | 3 | .. | 39665b |
| 38 | 12383 | 27.4 | −47 2 | 9.5 | 9.2 | Ao | 6 | 2,7 | 19962b |
| 39 | 12599 | 27.4 | −48 13 | 7.9 | 8.6 | Ko | 5 | .. | 39665b |
| 40 | 11659 | 27.4 | −51 25 | 9.2 | 8.6 | A5 | 7 | .. | 39457b |
| 41 | 8952 | 27.4 | −54 52 | 9.2 | 9.8 | F8 | 4 | .. | 39457b |
| 42 | 2568 | 27.4 | −70 19 | 7.22 | 9.2 | K5 | 3 | .. | 41598b |
| 43 | 1180 | 27.4 | −78 9 | 6.78 | 7.0 | F5 | 10 | .. | 19008b |
| 44 | 894 | 27.5 | +71 39 | 7.39 | *7.81* | F5 | 4 | 3,4 | 38029i |
| 45 | 3280 | 27.5 | +29 44 | 9.3 | *9.4* | A2 | 2 | .. | 38456i |
| 46 | 3470 | 27.5 | +21 50 | 7.8 | *8.8* | Ko | 8 | .. | 37806i |
| 47 | 3671 | 27.5 | +19 49 | 8.1 | *8.2* | A2 | 2 | .. | 19372i |
| 48 | 3568 | 27.5 | +12 17 | 8.6 | *8.6* | Ao | 3 | E | 14170b |
| 49 | 3758 | 27.5 | + 9 56 | 9.07 | *10.14* | K2 | 2 | .. | 14170b |
| 50 | 3611 | 27.5 | + 2 51 | 8.9 | *9.9* | Ko | 2 | .. | 24025b |
| 51 | 3959 | 27.5 | + 0 32 | 9.2 | *10.3* | K2 | 1 | .. | 24025b |
| 52 | 4717 | 27.5 | −10 46 | 8.7 | *9.5* | G5 | 3 | .. | 38079b |
| 53 | 5025 | 27.5 | −13 34 | 8.5 | *9.6* | K2 | 2 | .. | 39406b |
| 54 | *5102* | 27.5 | −13 59 | 9.4 | *9.3* | B5 | 3 | .. | 39406b |
| 55 | 5063 | 27.5 | −19 34 | 10.1 | 9.6 | Ao | 3 | .. | 40616b |
| 56 | 14466 | 27.5 | −24 10 | 8.1 | 9.4 | K2 | 3 | .. | 40616b |
| 57 | 13245 | 27.5 | −25 19 | 11.2 | 10.0 | B9 | 2 | .. | 40616b |
| 58 | 13246 | 27.5 | −25 31 | 7.74 | 7.7 | B9 | 7 | .. | 40616b |
| 59 | .. | 27.5 | −32 26 | var. | var. | Md | .. | R | M |
| 60 | 13341 | 27.5 | −33 2 | 6.88 | 7.5 | B9 | 9 | .. | 40291b |
| 61 | 12909 | 27.5 | −38 32 | 9.3 | 9.1 | Ao | 3 | .. | 40285b |
| 62 | 12480 | 27.5 | −46 46 | 8.3 | 9.4 | G5 | 5 | 0,4 | 19962b |
| 63 | 1106 | 27.6 | +66 43 | 8.8 | *9.8* | Ko | 3 | .. | 37907i |
| 64 | 2082 | 27.6 | +55 19 | 8.9 | *9.0* | A3 | 1 | .. | 38559i |
| 65 | 3395 | 27.6 | +40 26 | 7.77 | *8.05* | Fo | 3 | .. | 38500i |
| 66 | 3124 | 27.6 | +33 34 | 7.30 | *8.30* | Ko | 4 | .. | 37828i |
| 67 | 3677 | 27.6 | +13 40 | 7.18 | *7.96* | G5 | 5 | .. | 37901i |
| 68 | 3760 | 27.6 | + 9 57 | 9.47 | *9.47* | Ao | 3 | .. | 14170b |
| 69 | 3759 | 27.6 | + 9 17 | 8.7 | *9.7* | Ko | 2 | .. | 14170b |
| 70 | 3960 | 27.6 | + 0 31 | 8.7 | *9.1* | F5 | 7 | .. | 24025b |
| 71 | 3507 | 27.6 | − 1 18 | 9.7 | *10.8* | K2 | 2 | .. | 24025b |
| 72 | 4650 | 27.6 | − 2 6 | 9.1 | *9.5* | F5 | 4 | .. | 24025b |
| 73 | 5103 | 27.6 | −14 3 | 9.7 | *10.0* | Fo | 1 | .. | 39406b |
| 74 | 4928 | 27.6 | −16 6 | 8.1 | *8.9* | G5 | 5 | .. | 38079b |
| 75 | 4929 | 27.6 | −16 30 | 9.9 | *10.9* | Ko | 4 | .. | 24169b |
| 76 | 4930 | 27.6 | −16 56 | 8.5 | *9.6* | K2 | 2 | 0,2 | 14619b |
| 77 | 5179 | 27.6 | −20 26 | 8.1 | 8.4 | B9 | 7 | .. | 40616b |
| 78 | 5048 | 27.6 | −21 18 | 9.1 | 9.6 | B9 | 4 | .. | 40616b |
| 79 | 14261 | 27.6 | −32 19 | 9.3 | 10.1 | Go | 2 | .. | 40291b |
| 80 | 12725 | 27.6 | −35 29 | 10.6 | 9.3 | Ao | 3 | .. | 40285b |
| 81 | 12726 | 27.6 | −35 53 | 8.6 | 9.2 | F2 | 4 | .. | 40285b |
| 82 | 12796 | 27.6 | −36 13 | 10.8 | 9.9 | Go | 2 | .. | 39272b |
| 83 | 12720 | 27.6 | −39 8 | 8.3 | 9.4 | K2 | 2 | .. | 40285b |
| 84 | 12603 | 27.6 | −48 32 | 9.3 | 8.6 | B9 | 5 | .. | 39665b |
| 85 | 12602 | 27.6 | −48 50 | 9.9 | 9.8 | Ko | 1 | .. | 39665b |
| 86 | 7310 | 27.6 | −59 24 | 9.0 | 8.8 | A5 | 5 | .. | 40463b |
| 87 | 3075 | 27.7 | +41 2 | 7.17 | *7.59* | F5 | 5 | .. | 38500i |
| 88 | 3734 | 27.7 | + 7 36 | 9.7 | *9.7* | Ao | 1 | .. | 14170b |
| 89 | 3785 | 27.7 | + 4 13 | 7.46 | *8.64* | K5 | 3 | .. | 14170b |
| 90 | 3612 | 27.7 | + 2 51 | 9.1 | *9.2* | A2 | 2 | .. | 24025b |
| 91 | 3708 | 27.7 | + 1 59 | 9.4 | *9.4* | Ao | 2 | .. | 24025b |
| 92 | 4651 | 27.7 | − 2 1 | 8.8 | *8.8* | Ao | 6 | .. | 24025b |
| 93 | 4685 | 27.7 | − 5 21 | 9.4 | *9.4* | Ao | 2 | .. | 19014b |
| 94 | 5105 | 27.7 | −14 11 | 8.9 | *10.1* | K5 | 2 | .. | 39406b |
| 95 | 5065 | 27.7 | −19 54 | 8.88 | 9.0 | Fo | 5 | .. | 40616b |
| 96 | 4775 | 27.7 | −22 42 | 9.9 | 9.6 | B8 | 3 | .. | 40616b |
| 97 | 14470 | 27.7 | −24 11 | 8.7 | 7.6 | B9 | 7 | .. | 40616b |
| 98 | 14708 | 27.7 | −28 9 | 9.5 | 9.4 | Ao | 4 | .. | 40326b |
| 99 | 14264 | 27.7 | −32 47 | 9.9 | 9.3 | Ao | 4 | .. | 40291b |
| 100 | 12728 | 27.7 | −35 43 | 11.7 | *13.1* | Mb | .. | .. | M |



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171100 — 18h 27m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12611 | 27.7 | −40 1 | 9.9 | 9.5 | Ao | 3 | .. | 39272b |
| 2 | 13399 | 27.7 | −42 24 | 9.7 | 10.4 | Ko | 2 | .. | 21880b |
| 3 | 12714 | 27.7 | −44 35 | 8.7 | 9.4 | Ko | 5 | .. | 40856b |
| 4 | 12585 | 27.7 | −45 57 | 10.6 | 10.6 | Ao | 2 | .. | 39665b |
| 5 | 12485 | 27.7 | −46 11 | 10.1 | 10.6 | F5 | 1 | .. | 39665b |
| 6 | 2570 | 27.7 | −70 53 | *7.6* | 8.6 | Ko | 5 | .. | 41598b |
| 7 | 3961 | 27.8 | + 0 32 | 9.7 | *10.9* | K5 | 1 | .. | 24025b |
| 8 | 3505 | 27.8 | − 0 24 | 9.1 | *10.2* | K2 | 3 | .. | 24025b |
| 9 | 4686 | 27.8 | − 5 13 | 7.10 | *7.88* | G5 | 7 | .. | 19014b |
| 10 | 5010 | 27.8 | −15 3 | 9.9 | *9.9* | B8 | 2 | .. | 39406b |
| 11 | 4931 | 27.8 | −16 53 | 9.7 | *9.7* | Ao | 2 | 0,2 | 38079b |
| 12 | 5184 | 27.8 | −20 20 | 9.7 | 10.2 | Ao | 2 | .. | 40616b |
| 13 | 4777 | 27.8 | −22 20 | 9.2 | 9.3 | B9 | 4 | .. | 40616b |
| 14 | 4778 | 27.8 | −22 30 | 8.9 | 9.6 | Ko | 3 | .. | 40616b |
| 15 | 14472 | 27.8 | −24 6 | 5.71 | 7.3 | K2 | .. | 2,8 | **56**,142 |
| 16 | 13281 | 27.8 | −26 53 | 8.1 | 8.8 | G5 | 5 | .. | 40326b |
| 17 | 15855 | 27.8 | −30 57 | 7.15 | 6.6 | B9 | 8 | .. | 40326b |
| 18 | 15689 | 27.8 | −31 4 | 10.4 | 10.2 | K2 | 1 | .. | 40326b |
| 19 | 12924 | 27.8 | −34 53 | 6.94 | 7.1 | Fo | 9 | .. | 40291b |
| 20 | 12715 | 27.8 | −44 16 | 9.7 | 10.2 | Go | 3 | .. | 40856b |
| 21 | 12386 | 27.8 | −47 39 | 10.6 | 11.0 | Go | 1 | .. | 39665b |
| 22 | 8955 | 27.8 | −54 24 | 8.6 | 9.6 | F5 | 6 | .. | 39457b |
| 23 | 6196 | 27.8 | −61 34 | 8.6 | 9.0 | Ao | 5 | .. | 42464b |
| 24 | 2706 | 27.9 | +48 14 | 7.8 | *7.8* | Ao | 4 | .. | 38559i |
| 25 | 3446 | 27.9 | +24 59 | 7.71 | *7.85* | A5 | 7 | .. | 37806i |
| 26 | 3787 | 27.9 | + 4 9 | 7.98 | *8.26* | Fo | 5 | .. | 14170b |
| 27 | 3508 | 27.9 | − 1 31 | 8.1 | *8.1* | Ao | 8 | .. | 24025b |
| 28 | 4631 | 27.9 | − 8 38 | 7.9 | *8.0* | A5 | 6 | 0,2 | 19014b |
| 29 | 5102 | 27.9 | −12 47 | 7.7 | *8.1* | F5 | 1 | .. | 44013b |
| 30 | 5106 | 27.9 | −14 56 | 5.74 | *5.74* | Ao | .. | 0,6 | **56**,142 |
| 31 | .. | 27.9 | −22 43 | Neb. | Neb. | Pd | .. | R | **76**,23 |
| 32 | 13252 | 27.9 | −25 27 | 9.3 | 8.6 | B8 | 4 | .. | 40616b |
| 33 | 12968 | 27.9 | −27 7 | 10.0 | 8.8 | Ao | 4 | .. | 40326b |
| 34 | 14712 | 27.9 | −28 25 | 7.9 | 8.6 | Ao | 6 | .. | 40326b |
| 35 | 15859 | 27.9 | −30 57 | 8.5 | 10.5 | Ko | 1 | .. | 40326b |
| 36 | 15691 | 27.9 | −31 14 | 8.3 | 8.5 | Ao | 4 | .. | 40326b |
| 37 | 12926 | 27.9 | −34 13 | 9.3 | 9.8 | A2 | 2 | .. | 40291b |
| 38 | 12802 | 27.9 | −36 49 | 10.3 | 9.6 | F5 | 1 | .. | 40285b |
| 39 | 13404 | 27.9 | −42 11 | 9.9 | 10.3 | Ko | 2 | .. | 21880b |
| 40 | 12591 | 27.9 | −45 16 | 10.1 | 10.9 | G5 | 1 | .. | 40856b |
| 41 | 12489 | 27.9 | −46 1 | 8.5 | 8.5 | B5 | 6 | .. | 39665b |
| 42 | 12608 | 27.9 | −48 44 | 9.0 | 8.9 | A3 | 5 | .. | 39665b |
| 43 | 9211 | 27.9 | −53 35 | 7.8 | 8.6 | Ao | 8 | .. | 39457b |
| 44 | 3617 | 28.0 | +17 13 | 8.4 | *8.5* | A3 | 2 | .. | 37901i |
| 45 | 3736 | 28.0 | + 7 22 | 8.4 | *9.5* | K2 | 3 | .. | 14170b |
| 46 | 3962 | 28.0 | + 0 21 | 10.4 | *11.0* | Go | 1 | .. | 24025b |
| 47 | 3510 | 28.0 | − 1 0 | 9.4 | *9.9* | F8 | 3 | .. | 24025b |
| 48 | 3509 | 28.0 | − 1 54 | 9.4 | *9.4* | Ao | 6 | .. | 24025b |
| 49 | *4791* | 28.0 | − 5 59 | 6.37 | *6.37* | Ao | 10 | .. | 24025b |
| 50 | 4789 | 28.0 | − 6 7 | 8.8 | *9.2* | F5 | 4 | .. | 19014b |
| 51 | 4780 | 28.0 | −22 53 | 10.6 | 11.0 | B9 | 3 | .. | 40616b |
| 52 | 13255 | 28.0 | −25 48 | 10.0 | 10.0 | A | 2 | .. | 40616b |
| 53 | 14713 | 28.0 | −28 55 | 10.2 | 10.0 | Ao | 2 | .. | 40326b |
| 54 | 15860 | 28.0 | −30 35 | 8.1 | 9.0 | Fo | 5 | .. | 40326b |
| 55 | 12693 | 28.0 | −37 31 | 9.7 | 9.9 | A2 | 2 | .. | 39272b |
| 56 | 12913 | 28.0 | −38 30 | 10.1 | 10.4 | Ko | 2 | .. | 39272b |
| 57 | 12594 | 28.0 | −45 8 | 9.7 | 11.0 | K2 | 1 | .. | 40856b |
| 58 | 8959 | 28.0 | −54 17 | *10.7* | 10.7 | Ao | 1 | .. | 39457b |
| 59 | 9111 | 28.0 | −57 12 | 8.6 | 9.5 | A5 | 3 | .. | 40463b |
| 60 | 7098 | 28.0 | −60 3 | 8.7 | 9.6 | Ko | 2 | .. | 40463b |
| 61 | 663 | 28.0 | −83 25 | 6.77 | 9.0 | K2 | 6 | .. | 14161b |
| 62 | *533* | 28.1 | +84 0 | 9.0 | *9.1* | A5 | 2 | .. | 37294i |
| 63 | 3126 | 28.1 | +33 49 | 8.4 | *8.5* | A2 | 2 | .. | 37828i |
| 64 | 3016 | 28.1 | +28 48 | 8.6 | *9.7* | K2 | 2 | .. | 38456i |
| 65 | *3361* | 28.1 | +24 0 | 9.2 | *9.5* | F | 2 | .. | 37806i |
| 66 | 3402 | 28.1 | +22 37 | 8.8 | *9.6* | G5 | 2 | .. | 37806i |
| 67 | 3675 | 28.1 | +19 24 | 8.0 | *8.0* | Ao | 2 | .. | 19372i |
| 68 | 3504 | 28.1 | +11 44 | 8.9 | *9.7* | G5 | 2 | .. | 14170b |
| 69 | 3502 | 28.1 | +11 34 | 8.9 | *10.0* | K2 | 1 | .. | 14170b |
| 70 | 3739 | 28.1 | + 3 53 | 8.0 | *9.1* | K2 | 3 | .. | 14170b |
| 71 | 5108 | 28.1 | −14 11 | 10.1 | *10.1* | B9 | 2 | .. | 39406b |
| 72 | 5067 | 28.1 | −19 33 | 9.4 | 10.4 | F | 2 | E | 40616b |
| 73 | 5068 | 28.1 | −19 43 | 10.3 | 9.9 | A | 2 | E | 40616b |
| 74 | 15862 | 28.1 | −30 49 | 8.7 | 10.1 | G5 | 2 | .. | 40326b |
| 75 | 15696 | 28.1 | −31 20 | 8.04 | 8.5 | Ko | 4 | .. | 40326b |
| 76 | 12930 | 28.1 | −34 26 | 9.5 | 9.0 | B9 | 4 | .. | 40291b |
| 77 | 12733 | 28.1 | −35 37 | 10.1 | 9.5 | Ao | 2 | .. | 40285b |
| 78 | 12694 | 28.1 | −37 27 | 9.2 | 9.5 | Fo | 3 | .. | 39272b |
| 79 | 12915 | 28.1 | −38 43 | 9.0 | 9.1 | G5 | 3 | .. | 40285b |
| 80 | 12391 | 28.1 | −47 15 | 10.3 | 10.6 | A2 | 4 | .. | 39665b |
| 81 | 8863 | 28.1 | −56 5 | 8.7 | 9.8 | K2 | 4 | .. | 39457b |
| 82 | 8865 | 28.1 | −56 23 | 8.5 | 8.7 | Ao | 7 | .. | 39457b |
| 83 | 3711 | 28.2 | + 1 47 | 8.5 | *9.5* | Ko | 5 | .. | 24025b |
| 84 | 5110 | 28.2 | −14 30 | 8.7 | *8.7* | Ao | 3 | .. | 44013b |
| 85 | 5236 | 28.2 | −17 36 | 8.3 | *8.6* | Fo | 4 | .. | 14619b |
| 86 | 5185 | 28.2 | −20 21 | 9.4 | 9.6 | Ao | 3 | .. | 40616b |
| 87 | 12806 | 28.2 | −36 58 | 9.5 | 9.5 | F2 | 2 | .. | 40285b |
| 88 | 12916 | 28.2 | −38 7 | 8.9 | 9.4 | F5 | 3 | .. | 40285b |
| 89 | 12727 | 28.2 | −39 21 | 8.3 | 8.2 | Ao | 6 | .. | 40285b |
| 90 | 8747 | 28.2 | −55 43 | *10.0* | 10.1 | A2 | 2 | .. | 39457b |
| 91 | 7437 | 28.2 | −58 40 | 7.5 | 8.5 | Ko | 6 | .. | 40463b |
| 92 | 740 | 28.2 | −82 50 | *8.0* | 9.0 | Ko | 4 | .. | 14161b |
| 93 | 3738 | 28.3 | + 7 25 | 9.7 | *9.8* | A2 | 1 | .. | 14170b |
| 94 | 3840 | 28.3 | + 6 40 | 8.9 | *8.9* | B9 | 5 | .. | 14170b |
| 95 | 3839 | 28.3 | + 6 32 | 9.1 | *9.9* | G5 | 1 | .. | 14170b |
| 96 | 3838 | 28.3 | + 6 16 | 8.5 | *9.6* | K2 | 4 | .. | 14170b |
| 97 | 4719 | 28.3 | −10 3 | 9.51 | *10.69* | K5 | 1 | .. | 38079b |
| 98 | 5104 | 28.3 | −12 20 | 9.2 | *9.0* | Bo | 2 | .. | 39406b |
| 99 | 4932 | 28.3 | −16 34 | 8.1 | *9.1* | Ko | 4 | .. | 38079b |
| 100 | *5237* | 28.3 | −16 59 | 8.9 | *8.9* | B9 | 4 | 1,3 | 14619b |



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171200 — 18h28m.3

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 5052 | 28.3 | −21 37 | 9.4 | 9.4 | B | 2 | .. | 40616b |
| 2 | 4781 | 28.3 | −22 17 | 9.1 | 9.0 | B8 | 4 | .. | 40616b |
| 3 | *12931* | 28.3 | −33 59 | 10.1 | 9.8 | G5 | 2 | .. | 40291b |
| 4 | 12807 | 28.3 | −36 8 | 8.3 | 9.2 | F8 | 4 | .. | 40285b |
| 5 | 12920 | 28.3 | −38 20 | 10.1 | 10.3 | Ao | 2 | .. | 39272b |
| 6 | 12728 | 28.3 | −39 46 | 6.96 | 7.1 | Fo | 8 | .. | 40285b |
| 7 | 12936 | 28.3 | −41 16 | 10.1 | 9.7 | Go | 3 | .. | 40856b |
| 8 | 12493 | 28.3 | −46 54 | 9.3 | 10.6 | K5 | 2 | 0,1 | 39665b |
| 9 | 11666 | 28.3 | −51 26 | 10.3 | 10.4 | Ko | 1 | .. | 39457b |
| 10 | 11169 | 28.3 | −52 58 | 9.1 | 9.8 | Ko | 5 | .. | 39457b |
| 11 | 9213 | 28.3 | −53 38 | 8.5 | 9.5 | Go | 5 | .. | 39457b |
| 12 | 8866 | 28.3 | −56 18 | 6.7 | 8.3 | Ko | 8 | .. | 39457b |
| 13 | 846 | 28.4 | +72 21 | 9.3 | *10.3* | Ko | 2 | .. | 38029i |
| 14 | 3403 | 28.4 | +40 18 | 8.47 | *9.47* | Ko | 1 | .. | 38500i |
| 15 | 3362 | 28.4 | +23 4 | 8.0 | *8.8* | G5 | 4 | .. | 37806i |
| 16 | 3725 | 28.4 | +18 11 | 8.6 | *8.6* | Ao | 2 | .. | 19372i |
| 17 | 3765 | 28.4 | + 9 9 | 9.2 | *9.2* | Ao | 2 | .. | 14170b |
| 18 | 3841 | 28.4 | + 6 25 | 8.7 | *8.8* | A5 | 3 | .. | 14170b |
| 19 | 3784 | 28.4 | + 5 23 | 8.0 | *8.0* | B8 | 8 | .. | 14170b |
| 20 | 4493 | 28.4 | − 4 53 | 9.40 | *9.74* | F2 | 2 | .. | 19014b |
| 21 | 5030 | 28.4 | −13 22 | 9.4 | *9.4* | Ao | 2 | .. | 39406b |
| 22 | 5111 | 28.4 | −14 26 | 10.3 | *10.4* | A2 | 1 | .. | 39406b |
| 23 | 5018 | 28.4 | −15 23 | 9.7 | *9.7* | B8 | 3 | .. | 39406b |
| 24 | 5016 | 28.4 | −15 50 | 9.2 | *10.2* | Ko | 3 | 0,3 | 39406b |
| 25 | 13262 | 28.4 | −25 17 | 9.7 | 9.1 | B9 | 3 | .. | 40616b |
| 26 | 12977 | 28.4 | −27 39 | 8.7 | 8.5 | Go | 5 | .. | 40326b |
| 27 | 12739 | 28.4 | −35 1 | 9.38 | 9.8 | G5 | 2 | .. | 40291b |
| 28 | 12740 | 28.4 | −35 7 | 8.88 | 9.6 | G5 | 3 | .. | 40291b |
| 29 | 12601 | 28.4 | −45 19 | 10.6 | 10.6 | Ko | 2 | .. | 40856b |
| 30 | 11170 | 28.4 | −52 21 | *10.3* | 10.4 | A2 | 2 | .. | 39457b |
| 31 | 3127 | 28.5 | +33 3 | 8.6 | *8.9* | F | 1 | .. | 37828i |
| 32 | 3564 | 28.5 | +25 25 | 7.53 | *8.31* | G5 | 7 | .. | 37806i |
| 33 | 3833 | 28.5 | +20 20 | 8.4 | *8.4* | Ao | 4 | .. | 37806i |
| 34 | 3712 | 28.5 | + 1 50 | 7.5 | *7.6* | A3 | 9 | .. | 24025b |
| 35 | 5031 | 28.5 | −13 10 | 8.5 | *9.6* | K2 | 2 | .. | 39406b |
| 36 | 5071 | 28.5 | −19 51 | 7.33 | 8.5 | Ko | 7 | .. | 40616b |
| 37 | 14479 | 28.5 | −24 18 | 6.39 | 7.3 | Fo | .. | 0,7 | **56**,142 |
| 38 | 14719 | 28.5 | −28 8 | 8.0 | 9.1 | G5 | 4 | .. | 40326b |
| 39 | 15867 | 28.5 | −30 48 | 8.3 | 9.0 | Go | 4 | .. | 40326b |
| 40 | *12923* | 28.5 | −37 59 | 8.3 | 8.2 | A2 | 7 | .. | 40285b |
| 41 | 9216 | 28.5 | −53 6 | *9.8* | 9.8 | Ao | 5 | .. | 39457b |
| 42 | 2919 | 28.6 | +44 56 | 8.07 | *8.63* | Go | 2 | .. | 37997i |
| 43 | 3000 | 28.6 | +43 57 | 8.1 | *8.2* | A2 | 3 | .. | 37997i |
| 44 | 3450 | 28.6 | +24 36 | 7.71 | *7.99* | Fo | 6 | .. | 37806i |
| 45 | 3363 | 28.6 | +23 33 | 5.99 | *7.17* | K5 | 8 | .. | 37806i |
| 46 | *3743* | 28.6 | + 9 1 | 8.7 | *9.9* | K5 | 2 | .. | 14170b |
| 47 | 3741 | 28.6 | + 8 12 | 6.26 | *6.21* | B8 | 10 | .. | 14170b |
| 48 | 5106 | 28.6 | −12 50 | 9.7 | *9.7* | B9 | 2 | .. | 39406b |
| 49 | 5032 | 28.6 | −13 8 | 8.7 | *9.9* | K5 | 2 | .. | 39406b |
| 50 | 5033 | 28.6 | −13 34 | 9.4 | *10.6* | K5 | 1 | .. | 39406b |
| 51 | 5240 | 28.6 | −17 1 | 9.1 | *9.1* | B8 | 4 | 0,2 | 14619b |
| 52 | 5002 | 28.6 | −18 23 | 8.9 | *9.3* | F5 | 3 | .. | 14619b |
| 53 | 5072 | 28.6 | −19 44 | 10.1 | 10.5 | Ko | 3 | .. | 40616b |
| 54 | 4783 | 28.6 | −22 37 | 8.7 | 8.7 | Ao | 6 | 0,2 | 40616b |
| 55 | 12733 | 28.6 | −39 13 | 9.2 | 9.4 | Ao | 3 | .. | 40285b |
| 56 | 12727 | 28.6 | −44 30 | 9.1 | 8.3 | B9 | 7 | .. | 40856b |
| 57 | 8963 | 28.6 | −54 24 | 8.6 | 9.2 | F2 | 7 | .. | 39457b |
| 58 | 6198 | 28.6 | −61 30 | 8.4 | 8.7 | A5 | 6 | .. | 42464b |
| 59 | 775 | 28.7 | +74 49 | 8.6 | *9.6* | K | 1 | .. | 38044i |
| 60 | 3449 | 28.7 | +24 5 | 8.0 | *8.3* | Fo | 5 | .. | 37806i |
| 61 | 3681 | 28.7 | +19 3 | 8.4 | *8.4* | A | 2 | E | 37806i |
| 62 | 3742 | 28.7 | + 7 37 | 8.7 | *8.7* | Ao | 4 | .. | 14170b |
| 63 | 3786 | 28.7 | + 5 32 | 8.1 | *8.1* | B8 | 7 | .. | 14170b |
| 64 | 3791 | 28.7 | + 4 31 | 7.9 | *8.9* | Ko | 3 | .. | 14170b |
| 65 | 3513 | 28.7 | − 1 21 | 10.4 | *11.5* | K2 | 1 | .. | 24025b |
| 66 | 5019 | 28.7 | −15 36 | 10.3 | *11.1* | G5 | 1 | .. | 39406b |
| 67 | 5187 | 28.7 | −20 17 | 9.9 | 10.4 | A | 2 | .. | 40616b |
| 68 | 13294 | 28.7 | −26 33 | 9.7 | 8.8 | Ao | 5 | .. | 40326b |
| 69 | 14279 | 28.7 | −32 33 | 8.9 | 9.8 | K2 | 2 | .. | 40291b |
| 70 | 12937 | 28.7 | −34 29 | 10.3 | 9.3 | A3 | 3 | .. | 40291b |
| 71 | 12941 | 28.7 | −41 29 | 9.9 | 10.0 | Ao | 3 | 0,3 | 21880b |
| 72 | 13417 | 28.7 | −42 43 | 9.7 | 10.4 | K5 | 1 | .. | 40856b |
| 73 | 11171 | 28.7 | −52 2 | 9.2 | 9.8 | Fo | 3 | .. | 39457b |
| 74 | 2572 | 28.7 | −70 59 | *8.8* | 9.3 | F8 | 1 | .. | 41442b |
| 75 | 3167 | 28.8 | +36 22 | 7.7 | *8.0* | Fo | 3 | .. | 37828i |
| 76 | 3452 | 28.8 | +24 47 | 9.3 | *9.9* | G | 2 | .. | 37806i |
| 77 | 3507 | 28.8 | − 0 30 | 10.0 | *10.8* | G5 | 2 | .. | 24025b |
| 78 | 4653 | 28.8 | − 2 54 | 8.1 | *8.5* | F5 | 7 | .. | 24025b |
| 79 | 4623 | 28.8 | − 7 47 | 7.22 | *7.22* | Ao | 3 | 0,8 | 44013b |
| 80 | 4933 | 28.8 | −16 38 | 10.1 | *10.1* | Ao | 3 | 0,2 | 39406b |
| 81 | 4934 | 28.8 | −16 48 | 9.9 | *10.9* | Ko | 1 | .. | 39406b |
| 82 | 14505 | 28.8 | −23 38 | 10.4 | 9.9 | A | 2 | .. | 40616b |
| 83 | 14482 | 28.8 | −24 46 | 10.0 | 10.3 | A5 | 2 | .. | 40616b |
| 84 | 12730 | 28.8 | −44 10 | 10.1 | 10.0 | Ao | 4 | .. | 40856b |
| 85 | 2732 | 28.9 | +45 55 | 7.27 | *8.27* | Ko | 4 | .. | 37997i |
| 86 | 3728 | 28.9 | +18 51 | 6.83 | *7.83* | Ko | 5 | 0,5 | 20915i |
| 87 | 3508 | 28.9 | +11 28 | 9.4 | *10.5* | K2 | 1 | .. | 14170b |
| 88 | 3714 | 28.9 | + 1 13 | 8.4 | *8.9* | F8 | 7 | .. | 24025b |
| 89 | 3965 | 28.9 | + 0 8 | 9.7 | *10.5* | G5 | 1 | .. | 24025b |
| 90 | 4655 | 28.9 | − 2 7 | 9.4 | *10.6* | K5 | 2 | .. | 24025b |
| 91 | 4767 | 28.9 | − 9 45 | 9.4 | *10.4* | Ko | 1 | .. | 39406b |
| 92 | *4722* | 28.9 | − 9 58 | 10.01 | *10.79* | G5 | 1 | .. | 39406b |
| 93 | 5114 | 28.9 | −14 29 | 10.1 | *9.9* | B3 | 2 | .. | 39406b |
| 94 | 5113 | 28.9 | −14 39 | 8.2 | *9.3* | K2 | 3 | .. | 38079b |
| 95 | 5073 | 28.9 | −19 21 | 9.7 | 9.1 | G5 | 3 | .. | 40616b |
| 96 | 14281 | 28.9 | −32 58 | 6.85 | 7.2 | Ao | .. | 0,9 | **56**,142 |
| 97 | 12748 | 28.9 | −35 52 | 9.3 | 9.9 | G5 | 3 | .. | 39272b |
| 98 | 11672 | 28.9 | −51 13 | 9.9 | 10.1 | K2 | 2 | .. | 39457b |
| 99 | 696 | 29.0 | +77 30 | 7.8 | *8.8* | Ko | 7 | .. | 38044i |
| 100 | 3170 | 29.0 | +36 36 | 8.4 | *8.4* | Ao | 1 | .. | 38500i |



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1922AnHar..97....1C



## 171300 — 18h 29m.0

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3223 | 29.0 | +30 29 | 5.37 | *5.32* | B8 | .. | .. | 56,95 |
| 2 | 3366 | 29.0 | +23 38 | 9.2 | *9.5* | Fo | 3 | .. | 37806i |
| 3 | 3837 | 29.0 | +20 54 | 8.2 | *9.0* | G5 | 3 | .. | 37806i |
| 4 | 3790 | 29.0 | + 5 35 | 8.5 | *9.3* | G5 | 5 | .. | 14170b |
| 5 | 4497 | 29.0 | − 4 53 | 8.60 | *8.55* | B8 | 3 | .. | 19014b |
| 6 | 12707 | 29.0 | −37 44 | 11.3 | 9.8 | Ko | 2 | .. | 39272b |
| 7 | 12733 | 29.0 | −44 56 | 10.6 | 10.3 | A3 | 2 | .. | 40856b |
| 8 | 12611 | 29.0 | −45 36 | 10.3 | 10.2 | G5 | 1 | .. | 40856b |
| 9 | 12395 | 29.0 | −47 4 | 8.9 | 9.2 | Go | 6 | 0,5 | 39665b |
| 10 | 2288 | 29.0 | −72 9 | *8.7* | 8.8 | A2 | 6 | .. | 21336b |
| 11 | 585 | 29.1 | +79 6 | 8.7 | *9.1* | F5 | 3 | .. | 38044i |
| 12 | 985 | 29.1 | +69 6 | 8.7 | *9.5* | G5 | 2 | .. | 37907i |
| 13 | 2225 | 29.1 | +52 22 | 8.6 | *9.6* | Ko | 2 | .. | 38559i |
| 14 | 3406 | 29.1 | +22 15 | 9.3 | *10.4* | K2 | 2 | .. | 37806i |
| 15 | 3564 | 29.1 | +10 22 | 8.3 | *8.3* | B8 | 6 | .. | 14170b |
| 16 | 4723 | 29.1 | −10 36 | 8.1 | *8.7* | Go | 4 | .. | 38079b |
| 17 | 5037 | 29.1 | −13 31 | 8.1 | *8.6* | F8 | 2 | .. | 44013b |
| 18 | 4936 | 29.1 | −16 12 | 9.7 | *9.7* | Ao | 1 | 1,1 | 14619b |
| 19 | 5075 | 29.1 | −19 36 | 9.1 | 9.2 | G5 | 3 | .. | 40616b |
| 20 | 4788 | 29.1 | −22 3 | 8.6 | 9.7 | K2 | 3 | .. | 40616b |
| 21 | 13272 | 29.1 | −25 13 | 9.3 | 10.2 | Ko | 2 | .. | 40616b |
| 22 | *12944* | 29.1 | −35 0 | 9.68 | 9.5 | G5 | 2 | .. | 40291b |
| 23 | 12825 | 29.1 | −36 53 | 8.3 | 8.4 | Ao | 5 | .. | 40285b |
| 24 | 12653 | 29.1 | −43 28 | 9.7 | 10.2 | Go | 3 | .. | 40856b |
| 25 | 12614 | 29.1 | −45 40 | 9.9 | 10.6 | G5 | 1 | .. | 40856b |
| 26 | 12618 | 29.1 | −48 9 | 9.3 | 10.1 | K2 | 1 | .. | 39665b |
| 27 | 11173 | 29.1 | −52 51 | *9.0* | 10.4 | Ma | 1 | .. | 39457b |
| 28 | 3475 | 29.2 | +21 56 | 9.1 | *9.6* | F8 | 2 | .. | 37806i |
| 29 | 3730 | 29.2 | +18 24 | 8.5 | *8.5* | A | 1 | .. | 19372i |
| 30 | 3508 | 29.2 | − 0 45 | 8.7 | *9.2* | F8 | 8 | .. | 24025b |
| 31 | 4498 | 29.2 | − 4 47 | 9.2 | *10.3* | K2 | 1 | .. | 19014b |
| 32 | 5117 | 29.2 | −14 46 | 9.9 | *9.9* | Ao | 5 | .. | 39406b |
| 33 | 5118 | 29.2 | −14 47 | 8.5 | *8.5* | Ao | 5 | .. | 39406b |
| 34 | 5056 | 29.2 | −21 45 | 9.7 | 9.9 | Go | 2 | .. | 40616b |
| 35 | 12949 | 29.2 | −34 2 | 9.9 | 9.5 | G5 | 2 | .. | 40291b |
| 36 | *12951* | 29.2 | −35 0 | 8.18 | 9.2 | Ko | 4 | .. | 40291b |
| 37 | 12928 | 29.2 | −38 33 | 8.9 | 10.6 | Ko | 4 | .. | 39272b |
| 38 | 12735 | 29.2 | −44 6 | 10.3 | 10.0 | A3 | 4 | .. | 40856b |
| 39 | 12501 | 29.2 | −46 13 | 11.0 | 10.6 | Ao | 1 | .. | 39665b |
| 40 | 11175 | 29.2 | −52 31 | *10.4* | 10.4 | Ao | 2 | .. | 39457b |
| 41 | 2814 | 29.3 | +49 48 | 7.42 | *7.84* | F5 | 5 | .. | 38559i |
| 42 | 3476 | 29.3 | +21 52 | 9.2 | *9.8* | G | 1 | .. | 37806i |
| 43 | 4624 | 29.3 | − 7 38 | 9.4 | *9.9* | F8 | 1 | .. | 19014b |
| 44 | 5039 | 29.3 | −13 57 | 10.1 | *9.9* | B | 2 | .. | 39406b |
| 45 | 5038 | 29.3 | −13 58 | 9.9 | *9.9* | Ao | 3 | .. | 39406b |
| 46 | 5119 | 29.3 | −14 52 | 10.3 | *10.4* | A2 | 1 | .. | 39406b |
| 47 | 5245 | 29.3 | −17 4 | 6.97 | *7.03* | A2 | 3 | 1,3 | 10085b |
| 48 | 4790 | 29.3 | −22 10 | 8.1 | 7.4 | B3 | 6 | .. | 40616b |
| 49 | 13300 | 29.3 | −26 12 | 10.4 | 10.2 | A3 | 1 | .. | 40326b |
| 50 | 12989 | 29.3 | −27 25 | 7.7 | 9.1 | Mb | 4 | .. | 40326b |
| 51 | 14736 | 29.3 | −28 24 | 8.1 | 8.8 | G5 | 4 | .. | 40326b |
| 52 | 15888 | 29.3 | −30 1 | 6.92 | 8.2 | Ko | 7 | .. | 40326b |
| 53 | 13377 | 29.3 | −33 15 | 8.6 | 9.4 | K2 | 2 | .. | 40291b |
| 54 | *12634* | 29.3 | −39 59 | 9.2 | 10.6 | K5 | 1 | .. | 39272b |
| 55 | 12951 | 29.3 | −41 1 | 10.1 | 10.3 | B9 | 3 | .. | 40856b |
| 56 | 12738 | 29.3 | −44 49 | 10.1 | 11.4 | G5 | 1 | .. | 40856b |
| 57 | 12617 | 29.3 | −45 12 | 9.0 | 8.0 | B9 | 7 | .. | 40856b |
| 58 | 11677 | 29.3 | −51 43 | 8.0 | 7.7 | A2 | 9 | .. | 39457b |
| 59 | 4437 | 29.3 | −63 28 | *8.9* | 9.5 | Go | 3 | .. | 42464b |
| 60 | 3935 | 29.3 | −64 52 | 9.50 | 9.8 | A5 | 2 | .. | 42464b |
| 61 | *1270* | 29.4 | +65 0 | 8.30 | *8.36* | A2 | 2 | E | 38505i |
| 62 | 3211 | 29.4 | +38 47 | 8.2 | *9.0* | G5 | 2 | .. | 38500i |
| 63 | 3156 | 29.4 | +37 22 | 7.8 | *7.9* | A2 | 3 | .. | 38500i |
| 64 | 3226 | 29.4 | +30 5 | 8.31 | *8.31* | Ao | 4 | .. | 38456i |
| 65 | 3627 | 29.4 | +17 39 | 7.02 | *7.44* | F5 | 5 | .. | 37901i |
| 66 | 3568 | 29.4 | +10 17 | 8.82 | *8.82* | Ao | 6 | .. | 14170b |
| 67 | 3746 | 29.4 | + 3 46 | 8.0 | *9.0* | Ko | 1 | .. | 38022i |
| 68 | 4499 | 29.4 | − 4 32 | 9.1 | *9.6* | F8 | 1 | .. | 19014b |
| 69 | 5189 | 29.4 | −20 55 | 6.52 | 7.3 | A5 | .. | 5,6- | 56,142 |
| 70 | 4792 | 29.4 | −22 29 | 9.4 | 8.8 | Ao | 3 | .. | 40616b |
| 71 | 4793 | 29.4 | −22 40 | 10.1 | 9.2 | B9 | 2 | .. | 40616b |
| 72 | 14518 | 29.4 | −23 17 | 10.7 | 10.0 | G5 | 2 | .. | 40616b |
| 73 | 13274 | 29.4 | −25 42 | 9.5 | 9.4 | Ao | 3 | .. | 40616b |
| 74 | 12931 | 29.4 | −38 14 | 7.53 | 9.2 | Ma | 5 | 0,5 | 39340b |
| 75 | 12932 | 29.4 | −38 28 | 10.1 | *11.1* | Ko | 1 | .. | 39272b |
| 76 | 12622 | 29.4 | −48 11 | 10.3 | 10.4 | Go | 1 | .. | 39665b |
| 77 | 12623 | 29.4 | −48 17 | 7.2 | 7.4 | Go | 8 | .. | 39665b |
| 78 | 12242 | 29.4 | −49 42 | 9.9 | 9.2 | F5 | 4 | .. | 39457b |
| 79 | *11179* | 29.4 | −51 59 | *9.0* | 9.3 | F2 | 3 | .. | 39457b |
| 80 | 8969 | 29.4 | −54 13 | *9.5* | 9.8 | Fo | 4 | .. | 39457b |
| 81 | 3936 | 29.4 | −64 57 | 7.85 | 9.3 | Ko | 5 | .. | 42464b |
| 82 | 2290 | 29.4 | −72 19 | *8.5* | 9.1 | Go | 4 | .. | 21336b |
| 83 | 2736 | 29.5 | +45 43 | 7.02 | *8.20* | K5 | 3 | .. | 37997i |
| 84 | 3213 | 29.5 | +38 46 | 6.90 | *7.40* | F8 | 5 | .. | 38500i |
| 85 | 3135 | 29.5 | +33 17 | 8.6 | *9.6* | K | 1 | .. | 37828i |
| 86 | 3510 | 29.5 | +11 18 | 8.6 | *8.6* | B9 | 5 | .. | 14170b |
| 87 | 3749 | 29.5 | + 8 54 | 9.4 | *9.7* | Fo | 4 | .. | 14170b |
| 88 | 3747 | 29.5 | + 3 4 | 7.50 | *7.56* | A2 | 8 | 0,3 | 24025b |
| 89 | *4658* | 29.5 | − 1 59 | 8.57 | *8.85* | Fo | 7 | R | 24025b |
| 90 | 4636 | 29.5 | − 8 42 | 10.3 | *10.3* | A | 1 | .. | 19014b |
| 91 | 4681 | 29.5 | −11 3 | 5.25 | *6.03* | G5 | 6 | .. | 44013b |
| 92 | 5121 | 29.5 | −14 23 | 10.3 | *10.1* | B2 | 2 | .. | 39406b |
| 93 | 5247 | 29.5 | −17 52 | 9.9 | *9.9* | B9 | 1 | .. | 14619b |
| 94 | 5077 | 29.5 | −19 21 | 7.19 | 7.6 | Mb | 5 | 5,2 | 40616b |
| 95 | 13302 | 29.5 | −26 36 | 10.2 | 9.5 | Ao | 2 | .. | 40326b |
| 96 | 14742 | 29.5 | −28 54 | 9.0 | 9.4 | G | 3 | R | 40326b |
| 97 | | 29.5 | −28 54 | | | A | | | |
| 98 | 15891 | 29.5 | −30 7 | 9.18 | 10.5 | Ko | 1 | .. | 40326b |
| 99 | .. | 29.5 | −31 47 | .. | .. | R | .. | R | M |
| 100 | 12834 | 29.5 | −36 6 | 10.1 | 9.8 | Ao | 2 | .. | 39272b |



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1922AnHar..97....1C



## 171400 — $18^h\ 29^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12743 | 29.5 | −39 2 | 10.1 | 11.4 | Ko | 1 | .. | 39272b |
| 2 | 12742 | 29.5 | −44 45 | 10.1 | 10.6 | G5 | 1 | .. | 40856b |
| 3 | 12505 | 29.5 | −46 58 | 10.6 | 10.9 | Ko | 1 | .. | 39665b |
| 4 | 9224 | 29.5 | −53 14 | *9.6* | 10.7 | K2 | 1 | .. | 39457b |
| 5 | 963 | 29.5 | −79 19 | *8.7* | 9.1 | F5 | 2 | .. | 14161b |
| 6 | 3227 | 29.6 | +30 49 | 6.43 | *6.26* | B3 | .. | 2,6- | 56,95 |
| 7 | 3574 | 29.6 | +14 24 | 7.79 | *8.29* | F8 | 3 | .. | 37901i |
| 8 | 3571 | 29.6 | +10 56 | 9.1 | *9.2* | A5 | 3 | .. | 14170b |
| 9 | 3570 | 29.6 | +10 26 | 8.9 | *8.9* | Ao | 3 | .. | 14170b |
| 10 | *3718* | 29.6 | + 2 0 | 8.3 | *8.9* | Go | 7 | .. | 24025b |
| 11 | 3509 | 29.6 | − 0 42 | 9.1 | *9.5* | F5 | 4 | .. | 24025b |
| 12 | 4309 | 29.6 | − 3 1 | 9.1 | *9.5* | F5 | 4 | .. | 24025b |
| 13 | 4941 | 29.6 | −16 13 | 7.64 | *8.06* | F5 | 6 | 3,2 | 14619b |
| 14 | 5078 | 29.6 | −19 28 | 9.4 | 7.9 | Ao | 3 | .. | 40616b |
| 15 | 13303 | 29.6 | −26 53 | 9.7 | 9.7 | B9 | 2 | .. | 40326b |
| 16 | 15123 | 29.6 | −29 47 | 6.48 | 7.4 | Ko | 8 | .. | 40326b |
| 17 | 15897 | 29.6 | −30 55 | 9.2 | 8.7 | Ao | 3 | R | 40326b |
| 18 | 13379 | 29.6 | −33 16 | 9.3 | 10.1 | Ko | 1 | .. | 40291b |
| 19 | 12957 | 29.6 | −34 12 | 8.9 | 9.2 | B9 | 5 | .. | 40291b |
| 20 | 12755 | 29.6 | −35 10 | 10.3 | 10.1 | Ao | 3 | .. | 40291b |
| 21 | 12953 | 29.6 | −41 45 | 8.3 | 8.6 | Fo | 6 | .. | 40856b |
| 22 | 11180 | 29.6 | −52 3 | 9.0 | 9.8 | K5 | 2 | .. | 39457b |
| 23 | 8763 | 29.6 | −55 59 | 9.2 | 9.8 | F5 | 2 | .. | 39457b |
| 24 | 7111 | 29.6 | −60 16 | *9.3* | 9.3 | A | 5 | R | 40463b |
| 25 | 1308 | 29.6 | −77 22 | *8.1* | 9.1 | Ko | 5 | .. | 19008b |
| 26 | 3477 | 29.7 | +21 45 | 8.2 | *8.2* | Ao | 4 | .. | 37806i |
| 27 | 3846 | 29.7 | + 6 24 | 7.24 | *8.31* | K2 | 7 | .. | 14170b |
| 28 | 3512 | 29.7 | − 0 41 | 9.7 | *10.1* | F5 | 2 | .. | 24025b |
| 29 | 4627 | 29.7 | − 7 30 | 9.4 | *9.5* | A2 | 1 | .. | 19014b |
| 30 | 5112 | 29.7 | −12 15 | 7.9 | *8.4* | F8 | 1 | .. | 44013b |
| 31 | 5124 | 29.7 | −14 45 | 8.7 | *8.7* | Ao | 2 | .. | 44013b |
| 32 | 5008 | 29.7 | −18 38 | 8.1 | *7.9* | B3 | 4 | .. | 10085b |
| 33 | 4797 | 29.7 | −22 48 | 9.7 | 9.1 | Ao | 2 | .. | 40616b |
| 34 | 14293 | 29.7 | −32 40 | 8.6 | 8.8 | B9 | 5 | .. | 40291b |
| 35 | 12935 | 29.7 | −38 46 | 9.2 | 11.4 | Ko | 2 | .. | 39272b |
| 36 | 12403 | 29.7 | −47 33 | 10.1 | 10.9 | Ko | 1 | .. | 39665b |
| 37 | 9229 | 29.7 | −53 29 | 9.0 | 9.2 | A3 | 6 | .. | 39457b |
| 38 | *2738* | 29.8 | +46 1 | 6.78 | *7.78* | Ko | 5 | .. | 37997i |
| 39 | *3005* | 29.8 | +44 0 | 7.9 | *9.0* | K2 | 2 | .. | 37997i |
| 40 | 3236 | 29.8 | +34 29 | 8.4 | *8.4* | Ao | 2 | .. | 37845i |
| 41 | 3751 | 29.8 | + 7 44 | 8.9 | *10.1* | K5 | 1 | .. | 14170b |
| 42 | 3797 | 29.8 | + 5 24 | 8.7 | *9.2* | F8 | 4 | .. | 14170b |
| 43 | 4638 | 29.8 | − 8 19 | 4.06 | *5.06* | Ko | .. | 0,7 R | 56,95 |
| 44 | 4768 | 29.8 | − 9 29 | 8.8 | *9.9* | K2 | 1 | .. | 19014b |
| 45 | 14525 | 29.8 | −23 37 | 10.7 | 9.7 | Ao | 3 | .. | 40616b |
| 46 | 14500 | 29.8 | −24 34 | 10.2 | 9.4 | B9 | 4 | .. | 40616b |
| 47 | 15904 | 29.8 | −30 1 | 10.0 | 9.8 | A2 | 1 | .. | 40326b |
| 48 | 14297 | 29.8 | −32 22 | 9.9 | 9.9 | A3 | 1 | .. | 40291b |
| 49 | 14296 | 29.8 | −32 24 | 8.6 | 9.9 | Mc | 1 | .. | 40291b |
| 50 | 12962 | 29.8 | −34 47 | 10.6 | 9.3 | F2 | 3 | .. | 40291b |
| 51 | 12756 | 29.8 | −35 32 | 7.28 | 8.6 | Mb | 6 | .. | 40285b |
| 52 | 12714 | 29.8 | −37 44 | 8.3 | 8.6 | Fo | 5 | .. | 40285b |
| 53 | 12622 | 29.8 | −45 0 | 8.80 | 10.2 | K2 | 3 | .. | 40856b |
| 54 | 12621 | 29.8 | −45 52 | 9.9 | 10.6 | A3 | 1 | .. | 40856b |
| 55 | 12045 | 29.8 | −50 14 | 8.1 | 8.1 | F5 | 8 | .. | 39457b |
| 56 | 11679 | 29.8 | −51 20 | 10.1 | 10.1 | Ko | 2 | .. | 39457b |
| 57 | 11182 | 29.8 | −52 0 | *9.5* | 10.1 | Go | 1 | .. | 39457b |
| 58 | 11183 | 29.8 | −52 21 | *10.1* | 10.1 | Ao | 3 | .. | 39457b |
| 59 | 3746 | 29.8 | −65 59 | *8.6* | 8.7 | A3 | 4 | .. | 41442b |
| 60 | 534 | 29.9 | +83 46 | 8.7 | *9.0* | Fo | 2 | .. | 37294i |
| 61 | 2232 | 29.9 | +52 3 | 6.43 | *6.41* | B9 | 9 | .. | 38559i |
| 62 | 3971 | 29.9 | + 0 36 | 9.2 | *9.7* | F8 | 3 | .. | 24025b |
| 63 | 3519 | 29.9 | − 1 33 | 10.4 | *10.5* | A3 | 2 | .. | 24025b |
| 64 | 4628 | 29.9 | − 7 13 | 9.7 | *10.3* | Go | 1 | .. | 19014b |
| 65 | 4770 | 29.9 | − 9 8 | 9.1 | *10.1* | Ko | 2 | .. | 19014b |
| 66 | 4725 | 29.9 | −10 14 | 8.9 | *8.9* | B9 | 2 | .. | 38079b |
| 67 | 5042 | 29.9 | −13 6 | 9.1 | *9.1* | B9 | 3 | .. | 39406b |
| 68 | 5023 | 29.9 | −15 3 | 9.9 | *9.9* | B9 | 2 | .. | 39406b |
| 69 | 5024 | 29.9 | −15 48 | 9.4 | *9.2* | B2 | 2 | 1,1 | 38079b |
| 70 | 4943 | 29.9 | −16 0 | 10.3 | *10.4* | A2 | 2 | *2,2* | 14619b |
| 71 | 14529 | 29.9 | −23 9 | 10.7 | 9.8 | B9 | 2 | .. | 40616b |
| 72 | 13310 | 29.9 | −26 19 | 9.2 | 9.1 | B9 | 3 | .. | 40326b |
| 73 | 12998 | 29.9 | −27 16 | 8.3 | 9.7 | K5 | 1 | .. | 40326b |
| 74 | 13381 | 29.9 | −33 47 | 8.9 | 9.3 | G5 | 3 | .. | 40291b |
| 75 | 12718 | 29.9 | −37 2 | 9.9 | 10.1 | Ko | 1 | .. | 39272b |
| 76 | 12748 | 29.9 | −39 41 | 10.3 | 11.1 | Ao | 2 | .. | 39272b |
| 77 | 13442 | 29.9 | −42 11 | 9.1 | 8.5 | B9 | 8 | .. | 40856b |
| 78 | 12405 | 29.9 | −47 33 | 10.6 | 11.1 | G5 | 1 | .. | 39665b |
| 79 | 8878 | 29.9 | −56 30 | 8.8 | 9.8 | Go | 3 | 0,2 | 39457b |
| 80 | 815 | 29.9 | −81 22 | *8.6* | 9.1 | F8 | 4 | .. | 14161b |
| 81 | 543 | 30.0 | +82 15 | 8.7 | *9.7* | Ko | 2 | .. | 37820i |
| 82 | 1001 | 30.0 | +68 35 | 8.5 | *9.0* | F8 | 3 | .. | 37907i |
| 83 | 1903 | 30.0 | +59 30 | 8.9 | *8.9* | Ao | 3 | .. | 38518i |
| 84 | 3409 | 30.0 | +40 27 | 7.00 | *8.00* | Ko | 3 | .. | 38500i |
| 85 | 3411 | 30.0 | +40 5 | 7.22 | *7.64* | F5 | 4 | .. | 38500i |
| 86 | 3234 | 30.0 | +30 29 | 9.1 | *10.1* | Ko | 2 | .. | 38456i |
| 87 | 3847 | 30.0 | +20 23 | 6.44 | *6.50* | A2 | 10 | .. | 37806i |
| 88 | 3734 | 30.0 | +18 37 | 7.30 | *7.86* | Go | 5 | 0,5 | 20915i |
| 89 | 3581 | 30.0 | +12 28 | 7.9 | *8.7* | G5 | 4 | .. | 14170b |
| 90 | 3796 | 30.0 | + 4 10 | 8.1 | *9.1* | Ko | 2 | .. | 38022i |
| 91 | 3513 | 30.0 | − 0 2 | 8.28 | *8.16* | B5 | 8 | .. | 24025b |
| 92 | 4800 | 30.0 | − 6 51 | 9.7 | *10.0* | Fo | 2 | .. | 19014b |
| 93 | 5044 | 30.0 | −13 24 | 9.1 | *9.1* | B9 | 4 | 1,1 | 39406b |
| 94 | 5080 | 30.0 | −19 38 | 8.7 | 7.9 | F5 | 5 | .. | 40616b |
| 95 | 14530 | 30.0 | −23 52 | 11.4 | 10.6 | A | 2 | .. | 40616b |
| 96 | 14502 | 30.0 | −24 22 | 8.7 | 9.4 | G5 | 4 | .. | 40616b |
| 97 | 13313 | 30.0 | −26 35 | 10.7 | 10.3 | Ao | 1 | .. | 40326b |
| 98 | 13312 | 30.0 | −26 39 | 9.0 | 9.4 | G5 | 2 | .. | 40326b |
| 99 | 12748 | 30.0 | −44 6 | 9.2 | 10.0 | Ko | 3 | .. | 40856b |
| 100 | 12749 | 30.0 | −44 22 | 9.7 | 9.1 | Ao | 5 | .. | 40856b |



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1922AnHar..97....1C



## 171500 — 18h 30m.0

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12625 | 30.0 | −45 56 | 9.9 | 10.6 | Go | 1 | .. | 40856b |
| 2 | 12408 | 30.0 | −47 9 | 6.96 | 7.1 | F2 | 9 | .. | 39665b |
| 3 | 11184 | 30.0 | −52 27 | *9.1* | 10.1 | Ko | 2 | .. | 39457b |
| 4 | *3083* | 30.1 | +42 0 | 8.6 | *8.7* | A2 | 1 | .. | 37997i |
| 5 | 3573 | 30.1 | +10 49 | 6.38 | *6.38* | Ao | 8 | .. | 37901i |
| 6 | 3756 | 30.1 | + 8 55 | 9.2 | *9.6* | F5 | 3 | .. | 14170b |
| 7 | 3754 | 30.1 | + 7 30 | 9.1 | *10.1* | Ko | 1 | .. | 14170b |
| 8 | 4771 | 30.1 | − 9 34 | 8.7 | *9.2* | F8 | 3 | .. | 19014b |
| 9 | 5062 | 30.1 | −21 31 | 10.3 | 9.8 | A | 2 | .. | 40616b |
| 10 | R | 30.1 | −21 41 | *10.6* | 10.6 | A | 1 | .. | 40616b |
| 11 | 12720 | 30.1 | −37 20 | 10.8 | 10.1 | Ao | 1 | .. | 39272b |
| 12 | 12721 | 30.1 | −37 30 | 7.9 | 8.4 | A2 | 6 | .. | 40285b |
| 13 | 12667 | 30.1 | −43 32 | 10.3 | 10.3 | Ao | 2 | .. | 40856b |
| 14 | 11681 | 30.1 | −51 31 | 10.6 | 10.4 | Go | 2 | .. | 39457b |
| 15 | 9116 | 30.1 | −57 32 | 8.4 | 9.5 | Go | 3 | .. | 40463b |
| 16 | 2574 | 30.1 | −70 25 | *8.9* | 9.0 | A5 | 4 | .. | 41598b |
| 17 | 586 | 30.2 | +79 5 | 9.3 | *9.4* | A3 | 2 | .. | 38044i |
| 18 | 3455 | 30.2 | +39 29 | 8.4 | *9.4* | K | 1 | .. | 38500i |
| 19 | 3152 | 30.2 | +32 4 | 8.4 | *9.4* | Ko | 2 | .. | 37828i |
| 20 | 3021 | 30.2 | +28 12 | 7.41 | *7.41* | Ao | 6 | 2,7 | 38456i |
| 21 | 3775 | 30.2 | + 9 41 | 9.1 | *10.3* | K5 | 2 | .. | 14170b |
| 22 | 5128 | 30.2 | −14 30 | 9.7 | *10.8* | K2 | 1 | .. | 38079b |
| 23 | 4800 | 30.2 | −22 57 | 9.2 | 8.5 | B9 | 3 | .. | 40616b |
| 24 | 14535 | 30.2 | −23 47 | 11.2 | 10.0 | B9 | 2 | .. | 40616b |
| 25 | 14510 | 30.2 | −24 44 | 10.4 | 9.1 | A3 | 3 | .. | 40616b |
| 26 | 12722 | 30.2 | −37 18 | 9.3 | 9.5 | Go | 3 | .. | 39272b |
| 27 | 12050 | 30.2 | −50 33 | 9.7 | 10.1 | G5 | 3 | .. | 39457b |
| 28 | 11185 | 30.2 | −52 43 | 8.0 | 7.8 | Fo | 7 | .. | 39457b |
| 29 | 8976 | 30.2 | −54 29 | 9.2 | 9.8 | Go | 3 | .. | 39457b |
| 30 | 2649 | 30.3 | +47 23 | 8.1 | *9.1* | Ko | 1 | .. | 37997i |
| 31 | 3008 | 30.3 | +43 22 | 8.9 | *9.4* | F8 | 2 | .. | 37997i |
| 32 | 3236 | 30.3 | +30 27 | 8.6 | *8.6* | B9 | 4 | .. | 38456i |
| 33 | 3481 | 30.3 | +21 6 | 7.9 | *9.0* | K2 | 3 | .. | 37806i |
| 34 | 3577 | 30.3 | +14 39 | 7.89 | *8.31* | F5 | 3 | .. | 37901i |
| 35 | 3513 | 30.3 | +11 22 | 8.9 | *9.0* | A5 | 3 | .. | 14170b |
| 36 | 3851 | 30.3 | + 6 29 | 9.2 | *9.5* | F2 | 2 | .. | 14170b |
| 37 | 3852 | 30.3 | + 6 6 | 9.0 | *9.5* | F8 | 3 | .. | 14170b |
| 38 | 3801 | 30.3 | + 5 55 | 9.2 | *9.3* | A3 | 2 | .. | 14170b |
| 39 | 5045 | 30.3 | −13 8 | 8.5 | *9.7* | K5 | 2 | .. | 39406b |
| 40 | 14538 | 30.3 | −23 7 | 10.4 | 10.0 | A | 2 | .. | 40616b |
| 41 | 14536 | 30.3 | −23 27 | 9.3 | 9.7 | G5 | 2 | .. | 40616b |
| 42 | 14512 | 30.3 | −24 57 | 8.80 | 8.8 | F8 | 4 | .. | 40616b |
| 43 | 13008 | 30.3 | −27 7 | 8.1 | 10.0 | K5 | 2 | .. | 40326b |
| 44 | 12969 | 30.3 | −34 58 | 9.9 | 9.9 | G5 | 1 | .. | 40291b |
| 45 | 12648 | 30.3 | −40 53 | 6.9 | 8.5 | Ko | 8 | .. | 40856b |
| 46 | 12669 | 30.3 | −43 34 | 9.0 | 9.4 | G5 | 2 | .. | 40856b |
| 47 | 12632 | 30.3 | −45 8 | 11.0 | 10.9 | A2 | 2 | .. | 40856b |
| 48 | 3938 | 30.3 | −64 49 | 7.55 | 8.3 | A2 | 8 | .. | 42464b |
| 49 | 1629 | 30.4 | +62 28 | 7.02 | *7.36* | F2 | 6 | .. | 38505i |
| 50 | 3291 | 30.4 | +29 40 | 6.75 | *7.75* | Ko | 5 | 0,3 | 38456i |
| 51 | 3776 | 30.4 | + 9 58 | 9.32 | *9.82* | F8 | 2 | .. | 14170b |
| 52 | 4661 | 30.4 | − 2 24 | 9.4 | *9.4* | Ao | 4 | .. | 24025b |
| 53 | 4726 | 30.4 | −10 37 | 9.4 | *9.8* | F5 | 2 | .. | 39406b |
| 54 | 5129 | 30.4 | −14 8 | 7.20 | *7.18* | B9 | 4 | .. | 44013b |
| 55 | 5130 | 30.4 | −14 36 | 11.2 | *11.2* | B9 | 1 | .. | 38079b |
| 56 | R | 30.4 | −19 39 | *9.8* | 9.8 | A | 2 | .. | 40616b |
| 57 | 5083 | 30.4 | −19 55 | 8.68 | 8.0 | B9 | 3 | .. | 40616b |
| 58 | 5063 | 30.4 | −21 27 | 10.3 | 10.6 | G5 | 1 | .. | 40616b |
| 59 | 5064 | 30.4 | −21 46 | 10.1 | 9.1 | A3 | 3 | .. | 40616b |
| 60 | 14516 | 30.4 | −24 0 | Cl. | Cl. | Con. | 5 | R | 40616b |
| 61 | 13281 | 30.4 | −25 24 | 8.5 | 8.5 | B9 | 4 | .. | 40616b |
| 62 | 12631 | 30.4 | −48 25 | 9.7 | 9.5 | A3 | 3 | .. | 39665b |
| 63 | 11188 | 30.4 | −52 54 | *9.1* | 10.1 | Ko | 2 | .. | 39457b |
| 64 | 9233 | 30.4 | −53 49 | *9.6* | 10.7 | K2 | 1 | .. | 39457b |
| 65 | 829 | 30.5 | +73 42 | 8.7 | *8.7* | Ao | 3 | .. | 38044i |
| 66 | 1904 | 30.5 | +59 22 | 7.8 | *8.1* | Fo | 5 | .. | 38518i |
| 67 | 2234 | 30.5 | +52 20 | 7.9 | *8.9* | Ko | 2 | .. | 38559i |
| 68 | 3238 | 30.5 | +34 22 | 7.36 | *8.36* | Ko | 3 | 5,2 | 37828i |
| 69 | 3483 | 30.5 | +21 24 | 7.12 | *7.12* | Ao | 8 | .. | 37806i |
| 70 | *3580* | 30.5 | +15 2 | 8.34 | *8.34* | Ao | 3 | .. | 37901i |
| 71 | 5046 | 30.5 | −13 55 | 8.1 | *8.1* | B9 | 4 | .. | 38079b |
| 72 | 14520 | 30.5 | −24 9 | 9.7 | 9.1 | B9 | 4 | .. | 40616b |
| 73 | 12971 | 30.5 | −34 36 | 8.9 | 10.1 | Ma | 1 | .. | 40291b |
| 74 | 12848 | 30.5 | −36 8 | 8.3 | 8.9 | F2 | 5 | .. | 40285b |
| 75 | 12757 | 30.5 | −39 58 | 9.3 | 10.5 | A2 | 3 | .. | 39272b |
| 76 | 12968 | 30.5 | −41 56 | 8.9 | 10.0 | Ao | 3 | .. | 40856b |
| 77 | 12674 | 30.5 | −43 2 | 8.0 | 7.6 | Ao | 8 | .. | 40856b |
| 78 | 12753 | 30.5 | −44 59 | 10.6 | 10.6 | A2 | 2 | .. | 40856b |
| 79 | 12511 | 30.5 | −46 37 | 8.7 | 9.4 | F2 | 5 | .. | 39665b |
| 80 | 12634 | 30.5 | −48 26 | 10.3 | 9.8 | A3 | 1 | .. | 39665b |
| 81 | 12053 | 30.5 | −50 30 | 9.0 | 8.7 | Ao | 7 | .. | 39457b |
| 82 | 7325 | 30.5 | −59 12 | 7.3 | 8.4 | Ko | 7 | .. | 40463b |
| 83 | 3024 | 30.6 | +28 40 | 7.6 | *7.7* | A2 | 4 | .. | 38456i |
| 84 | 3382 | 30.6 | +23 24 | 9.2 | *9.8* | G | 2 | .. | 37806i |
| 85 | 3803 | 30.6 | + 5 41 | 8.0 | *9.2* | K5 | 3 | .. | 14170b |
| 86 | 3801 | 30.6 | + 4 51 | 6.72 | *6.72* | Ao | 10 | .. | 14170b |
| 87 | 4727 | 30.6 | −10 58 | 8.2 | *9.0* | G5 | 3 | .. | 38079b |
| 88 | 5047 | 30.6 | −13 49 | 7.68 | *7.74* | A2 | 4 | .. | 38079b |
| 89 | 5131 | 30.6 | −14 12 | 8.8 | *8.6* | Bo | 3 | .. | 38079b |
| 90 | 5012 | 30.6 | −18 52 | 8.3 | *8.3* | Ao | 3 | .. | 10085b |
| 91 | 5087 | 30.6 | −19 43 | 9.4 | 10.0 | Ko | 2 | .. | 40616b |
| 92 | 5065 | 30.6 | −21 47 | 10.6 | 9.7 | A | 2 | .. | 40616b |
| 93 | 14521 | 30.6 | −24 54 | 9.15 | 9.7 | Ko | 2 | .. | 40616b |
| 94 | 13319 | 30.6 | −26 15 | 10.2 | 10.3 | K2 | 1 | .. | 40326b |
| 95 | 13320 | 30.6 | −26 22 | 7.9 | 8.0 | Go | 6 | .. | 40326b |
| 96 | 13014 | 30.6 | −27 59 | 8.3 | 10.2 | K2 | 1 | .. | 40326b |
| 97 | 13396 | 30.6 | −33 43 | 10.3 | 10.2 | Ao | 1 | .. | 40291b |
| 98 | 12975 | 30.6 | −34 16 | 9.3 | 9.3 | Ao | 4 | .. | 40291b |
| 99 | 12758 | 30.6 | −39 28 | 10.6 | *11.6* | Ko | 1 | .. | 39272b |
| 100 | 12634 | 30.6 | −45 20 | 9.5 | 8.8 | A2 | 7 | .. | 40856b |



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## 171600 — $18^h\ 30^m.6$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12635 | 30.6 | −45 46 | 9.5 | 10.3 | Ko | 2 | .. | 39665b |
| 2 | 12415 | 30.6 | −47 3 | 9.5 | 10.3 | G5 | 5 | .. | 39665b |
| 3 | 12416 | 30.6 | −47 4 | 10.3 | 10.6 | | | | |
| 4 | 9125 | 30.6 | −57 15 | 8.2 | 9.6 | Ko | 3 | .. | 40463b |
| 5 | 2294 | 30.6 | −72 34 | *8.8* | 9.8 | Ko | 1 | .. | 21336b |
| 6 | 587 | 30.7 | +79 9 | 6.61 | *7.61* | Ko | 6 | 5,6 | 38044i |
| 7 | 1754 | 30.7 | +61 42 | 8.4 | *9.4* | Ko | 2 | .. | 38505i |
| 8 | 3186 | 30.7 | +36 10 | 8.0 | *8.4* | F5 | 3 | .. | 23421b |
| 9 | 3723 | 30.7 | + 1 11 | 9.7 | *10.5* | G5 | 1 | .. | 24025b |
| 10 | 4805 | 30.7 | − 6 49 | 7.01 | *8.08* | K2 | 7 | .. | 19014b |
| 11 | 5196 | 30.7 | −20 24 | 7.37 | 7.4 | B5 | 5 | 3,7 | 10085b |
| 12 | 14543 | 30.7 | −23 51 | 8.9 | 10.3 | Ma | 3 | .. | 40616b |
| 13 | 13015 | 30.7 | −27 49 | 8.3 | 8.8 | Go | 5 | .. | 40326b |
| 14 | 14319 | 30.7 | −32 41 | 9.3 | 9.6 | Ko | 2 | .. | 40291b |
| 15 | 12656 | 30.7 | −40 34 | 8.7 | 9.5 | Go | 5 | .. | 40856b |
| 16 | 12972 | 30.7 | −41 41 | 7.3 | 8.0 | Fo | 9 | .. | 40856b |
| 17 | 12417 | 30.7 | −47 44 | 9.7 | 11.0 | Ko | 1 | .. | 39665b |
| 18 | 5909 | 30.7 | −62 42 | *8.6* | 9.6 | Ko | 2 | .. | 42464b |
| 19 | 3219 | 30.8 | +38 22 | 7.60 | *8.67* | K2 | 2 | .. | 38500i |
| 20 | 3239 | 30.8 | +34 20 | 7.8 | *8.3* | F8p | 3 | 0,3 R | 37828i |
| 21 | 3297 | 30.8 | +31 38 | 8.5 | *8.6* | A5 | 2 | .. | 37828i |
| 22 | 3293 | 30.8 | +29 54 | 7.41 | *7.41* | Ao | 4 | .. | 38456i |
| 23 | 3740 | 30.8 | +18 7 | 5.73 | *5.73* | Ao | 8 | .. | 19372i |
| 24 | 4664 | 30.8 | − 2 27 | 8.8 | *9.8* | Ko | 4 | .. | 24025b |
| 25 | 5132 | 30.8 | −14 8 | 10.3 | *10.3* | Ao | 2 | .. | 39406b |
| 26 | 5197 | 30.8 | −20 25 | 9.4 | 9.1 | A | 3 | .. | 40616b |
| 27 | 14765 | 30.8 | −28 36 | 6.78 | 7.9 | G5 | 9 | .. | 40326b |
| 28 | 15145 | 30.8 | −29 19 | 8.1 | 9.3 | G5 | 3 | .. | 40326b |
| 29 | 13398 | 30.8 | −33 21 | 9.9 | 9.3 | Ao | 4 | .. | 40291b |
| 30 | 12977 | 30.8 | −34 56 | 8.08 | 8.7 | G5 | 5 | .. | 40291b |
| 31 | 12513 | 30.8 | −46 39 | 9.0 | 10.3 | Ko | 2 | .. | 39665b |
| 32 | 12058 | 30.8 | −50 6 | 8.99 | 9.8 | K2 | 3 | .. | 39457b |
| 33 | 11689 | 30.8 | −51 28 | 11.0 | 10.7 | G5 | 1 | .. | 39457b |
| 34 | 1695 | 30.8 | −74 45 | *8.7* | 8.8 | A3 | 6 | .. | 19008b |
| 35 | 2113 | 30.9 | +56 58 | 4.95 | *5.45* | F8p | .. | R | 2620c |
| 36 | 3298 | 30.9 | +26 56 | 9.1 | *9.1* | A | 3 | E | 37806i |
| 37 | 4507 | 30.9 | − 4 22 | 9.1 | *9.1* | Ao | 3 | .. | 24025b |
| 38 | 5115 | 30.9 | −12 4 | 8.3 | *9.1* | G5 | 3 | .. | 38079b |
| 39 | 4951 | 30.9 | −16 43 | 10.1 | *10.1* | Ao | 1 | .. | 14619b |
| 40 | 5259 | 30.9 | −17 17 | 8.0 | *8.3* | Fo | 6 | 2,5 | 14619b |
| 41 | 5199 | 30.9 | −20 16 | 8.7 | 10.0 | K2 | 2 | .. | 40616b |
| 42 | 13017 | 30.9 | −27 54 | 8.7 | 9.5 | Ko | 2 | .. | 40326b |
| 43 | 15146 | 30.9 | −29 33 | 7.8 | 7.5 | F5 | 8 | .. | 40326b |
| 44 | 12734 | 30.9 | −37 45 | 9.3 | 9.5 | Ao | 3 | .. | 40285b |
| 45 | 12639 | 30.9 | −45 33 | 7.4 | 8.2 | F8 | 8 | .. | 40856b |
| 46 | 12638 | 30.9 | −45 57 | 10.1 | 11.0 | Ko | 1 | .. | 39665b |
| 47 | 12419 | 30.9 | −47 25 | 9.7 | 10.6 | Ko | 2 | .. | 39665b |
| 48 | 12637 | 30.9 | −48 48 | 6.52 | 7.4 | Ko | 7 | .. | 39665b |
| 49 | 12258 | 30.9 | −49 32 | 7.9 | 8.3 | A5 | 6 | .. | 39665b |
| 50 | 9237 | 30.9 | −53 4 | 7.7 | 8.9 | Ko | 7 | .. | 39457b |
| 51 | 9238 | 30.9 | −53 45 | *9.8* | 11.0 | K5 | 1 | .. | 39457b |
| 52 | 5911 | 30.9 | −62 13 | *8.4* | 8.4 | Ao | 5 | .. | 42464b |
| 53 | 1276 | 31.0 | +65 22 | 6.31 | *6.39* | A3 | .. | 1,7 | 56,95 |
| 54 | 2508 | 31.0 | +46 8 | 6.66 | *6.66* | Ao | 8 | .. | 37997i |
| 55 | 3416 | 31.0 | +22 13 | 8.6 | *8.7* | A2 | 4 | .. | 37806i |
| 56 | 3851 | 31.0 | +20 7 | 9.10 | *9.10* | A | 2 | .. | 37806i |
| 57 | 3763 | 31.0 | + 7 29 | 8.1 | *9.2* | K2 | 3 | .. | 14170b |
| 58 | 3808 | 31.0 | + 5 20 | 9.2 | *10.4* | K5 | 1 | .. | 14170b |
| 59 | 3622 | 31.0 | + 2 29 | 9.1 | *9.5* | F5 | 2 | .. | 24025b |
| 60 | 3517 | 31.0 | − 0 24 | 9.2 | *10.3* | K2 | 3 | .. | 24025b |
| 61 | 3521 | 31.0 | − 1 24 | 8.9 | *8.9* | Ao | 7 | .. | 24025b |
| 62 | 4952 | 31.0 | −16 1 | 7.38 | *8.56* | K5 | 4 | 3,4 | 14619b |
| 63 | 5261 | 31.0 | −17 17 | 9.7 | *10.0* | F2 | 1 | .. | 14619b |
| 64 | 5069 | 31.0 | −21 44 | 9.4 | 9.1 | B8 | 3 | .. | 40616b |
| 65 | 13291 | 31.0 | −25 45 | 7.44 | 8.2 | Go | 8 | .. | 40616b |
| 66 | 13021 | 31.0 | −27 23 | 9.5 | 10.2 | K2 | 1 | .. | 40326b |
| 67 | 15147 | 31.0 | −29 28 | 9.3 | 9.3 | Ao | 3 | .. | 40326b |
| 68 | 15931 | 31.0 | −30 11 | 9.7 | 10.5 | F8 | 1 | .. | 40326b |
| 69 | 15934 | 31.0 | −30 51 | 8.0 | 9.3 | Ko | 3 | .. | 40326b |
| 70 | 12759 | 31.0 | −44 29 | 9.0 | 10.2 | K5 | 2 | .. | 40856b |
| 71 | 12760 | 31.0 | −44 53 | 9.35 | 10.2 | G5 | 2 | .. | 40856b |
| 72 | 12514 | 31.0 | −46 21 | 10.1 | 10.6 | G5 | 2 | .. | 39665b |
| 73 | 8984 | 31.0 | −54 46 | 9.1 | 9.8 | F8 | 4 | .. | 39457b |
| 74 | 7455 | 31.0 | −58 57 | 6.97 | 7.8 | Ko | 8 | .. | 40463b |
| 75 | 7328 | 31.0 | −59 23 | *7.7* | 9.1 | Ma | 4 | .. | 40463b |
| 76 | 1696 | 31.0 | −74 50 | 9.10 | 9.7 | G5 | 1 | .. | 42526b |
| 77 | 3190 | 31.1 | +36 15 | 8.0 | *8.0* | Ao | 5 | 0,2 | 23421i |
| 78 | 3189 | 31.1 | +36 3 | 7.6 | *8.6* | Ko | 3 | .. | 23421i |
| 79 | 3294 | 31.1 | +35 43 | 7.60 | *7.60* | Ao | 4 | .. | 37845i |
| 80 | 3458 | 31.1 | +24 34 | 8.6 | *9.2* | Go | 3 | .. | 37806i |
| 81 | 3488 | 31.1 | +21 39 | 8.8 | *8.9* | A2 | 2 | .. | 37806i |
| 82 | 3762 | 31.1 | + 8 52 | 9.2 | *9.3* | A2 | 3 | .. | 14170b |
| 83 | *3765* | 31.1 | + 8 0 | 9.0 | *9.0* | B8 | 3 | .. | 14170b |
| 84 | 3810 | 31.1 | + 5 41 | 9.7 | *10.0* | Fo | 1 | .. | 14170b |
| 85 | *3803* | 31.1 | + 5 2 | 8.86 | *9.42* | Go | 2 | .. | 14170b |
| 86 | 4509 | 31.1 | − 4 21 | 8.5 | *9.3* | G5 | 4 | .. | 24025b |
| 87 | 4510 | 31.1 | − 4 44 | 8.7 | *9.3* | Go | 3 | .. | 19014b |
| 88 | 5134 | 31.1 | −14 2 | 9.7 | *10.0* | Fo | 2 | .. | 39406b |
| 89 | 4953 | 31.1 | −16 48 | 9.4 | *9.4* | Ao | 3 | 1,3 | 14619b |
| 90 | 5094 | 31.1 | −19 13 | 8.3 | 7.8 | B9 | 7 | .. | 14619b |
| 91 | 5093 | 31.1 | −19 21 | 9.9 | 8.8 | Ao | 2 | .. | 14619b |
| 92 | 5201 | 31.1 | −20 32 | 10.3 | 10.3 | G5 | 2 | .. | 40616b |
| 93 | 14776 | 31.1 | −28 51 | 9.0 | 9.7 | Ko | 2 | .. | 40326b |
| 94 | 15757 | 31.1 | −31 33 | 9.7 | 9.6 | Go | 3 | .. | 40291b |
| 95 | 13399 | 31.1 | −33 46 | 9.3 | 10.2 | G5 | 1 | .. | 40291b |
| 96 | 12980 | 31.1 | −34 38 | 7.5 | 8.1 | B8 | 8 | .. | 40291b |
| 97 | 12783 | 31.1 | −35 46 | 8.9 | 9.3 | Ao | 4 | .. | 40285b |
| 98 | 13457 | 31.1 | −42 45 | 10.1 | 11.0 | G5 | 1 | .. | 40856b |
| 99 | 12516 | 31.1 | −46 27 | 10.1 | 11.0 | K5 | 1 | .. | 39665b |
| 100 | 11192 | 31.1 | −52 38 | *9.4* | 10.5 | K2 | 2 | .. | 39457b |



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**171700** **18h 31m.1**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 9243 | 31.1 | −53 16 | *9.4* | 10.4 | Ko | 2 | .. | 39457b |
| 2 | 2931 | 31.1 | −69 7 | *8.7* | 9.7 | Ko | 1 | .. | 41598b |
| 3 | 2651 | 31.2 | +47 47 | 7.7 | *8.8* | K2 | 3 | .. | 37997i |
| 4 | 3853 | 31.2 | +20 59 | 8.5 | *9.1* | G | 2 | .. | 37806i |
| 5 | 3522 | 31.2 | − 1 38 | 9.2 | *10.4* | K5 | 1 | .. | 24025b |
| 6 | 4511 | 31.2 | − 4 38 | 7.95 | *8.51* | Go | 7 | .. | 24025b |
| 7 | 4955 | 31.2 | −16 22 | 8.7 | *9.5* | G5 | 3 | 0,2 | 14619b |
| 8 | 5014 | 31.2 | −18 0 | 9.4 | *9.4* | Ao | 3 | .. | 14619b |
| 9 | 5095 | 31.2 | −19 52 | 8.78 | 8.2 | B9 | 5 | .. | 40616b |
| 10 | 5202 | 31.2 | −20 44 | 10.7 | 10.0 | A | 2 | .. | 40616b |
| 11 | 13294 | 31.2 | −25 23 | 9.5 | 10.3 | K5 | 1 | .. | 40616b |
| 12 | 13024 | 31.2 | −27 17 | 9.5 | 9.4 | Fo | 4 | .. | 40326b |
| 13 | 14327 | 31.2 | −32 51 | 10.6 | 10.2 | A2 | 2 | .. | 40291b |
| 14 | 14328 | 31.2 | −32 57 | 10.6 | 10.2 | A | 1 | .. | 40291b |
| 15 | 12858 | 31.2 | −36 58 | 9.0 | 9.3 | A2 | 3 | .. | 40285b |
| 16 | 12743 | 31.2 | −37 53 | 9.3 | 9.2 | A2 | 4 | .. | 40285b |
| 17 | 12956 | 31.2 | −38 39 | 9.3 | 11.0 | Ko | 3 | .. | 39272b |
| 18 | 12061 | 31.2 | −50 37 | 9.5 | 9.8 | Ko | 3 | .. | 39457b |
| 19 | 8775 | 31.2 | −55 23 | 9.0 | 9.6 | F8 | 5 | .. | 39457b |
| 20 | 8774 | 31.2 | −55 30 | *9.2* | 10.4 | K5 | 1 | .. | 39457b |
| 21 | 8887 | 31.2 | −56 15 | 9.2 | 9.8 | Ko | 2 | .. | 39457b |
| 22 | 2576 | 31.2 | −70 23 | *7.4* | 7.4 | Ao | 9 | .. | 41598b |
| 23 | 1905 | 31.3 | +59 14 | 9.3 | *9.7* | F5 | 2 | .. | 38518i |
| 24 | 2236 | 31.3 | +52 49 | 8.5 | *8.6* | A2 | 3 | .. | 38559i |
| 25 | 2719 | 31.3 | +48 58 | 8.1 | *9.2* | K2 | 1 | .. | 37997i |
| 26 | 2653 | 31.3 | +47 2 | 8.3 | *8.3* | Ao | 2 | .. | 37997i |
| 27 | 3384 | 31.3 | +23 47 | 8.2 | *9.2* | Ko | 2 | .. | 37806i |
| 28 | 3518 | 31.3 | +11 38 | 7.37 | *7.43* | A2 | 5 | .. | 37901i |
| 29 | 3779 | 31.3 | + 9 7 | 9.1 | *9.1* | B9 | 2 | .. | 14170b |
| 30 | 3814 | 31.3 | + 5 51 | 9.0 | *9.0* | Ao | 4 | .. | 14170b |
| 31 | 4667 | 31.3 | − 2 34 | 8.9 | *10.0* | K2 | 5 | .. | 24025b |
| 32 | 4316 | 31.3 | − 3 10 | 8.7 | *8.7* | B9 | 5 | .. | 24025b |
| 33 | 4809 | 31.3 | − 6 30 | 8.5 | *9.7* | K5 | 2 | .. | 19014b |
| 34 | 5050 | 31.3 | −13 54 | 10.3 | *10.3* | Ao | 1 | .. | 39406b |
| 35 | 5265 | 31.3 | −17 36 | 10.1 | *10.1* | A | 1 | .. | 14619b |
| 36 | 5097 | 31.3 | −19 18 | 7.15 | 7.5 | K2 | 5 | .. | 14619b |
| 37 | 14552 | 31.3 | −23 42 | 9.2 | 8.8 | B9 | 4 | .. | 40616b |
| 38 | 12641 | 31.3 | −45 55 | 9.5 | 10.6 | K2 | 2 | .. | 39665b |
| 39 | 12640 | 31.3 | −48 10 | 10.1 | 9.8 | Go | 1 | .. | 39665b |
| 40 | 12062 | 31.3 | −50 8 | 8.89 | 9.5 | Ko | 4 | .. | 39457b |
| 41 | 11693 | 31.3 | −51 26 | 10.6 | 10.4 | Ko | 1 | .. | 39457b |
| 42 | 8987 | 31.3 | −54 14 | 8.0 | 8.7 | F8 | 9 | .. | 39457b |
| 43 | 5917 | 31.3 | −62 33 | *8.6* | 9.6 | Ko | 2 | .. | 42464b |
| 44 | 2933 | 31.3 | −69 8 | *8.9* | 9.0 | A2 | 3 | .. | 41598b |
| 45 | 3385 | 31.4 | +23 31 | 5.76 | *6.76* | Ko | 9 | 0,10 | 37848i |
| 46 | 3560 | 31.4 | +16 54 | 6.17 | *6.73* | Go | 7 | .. | 37901i |
| 47 | 3519 | 31.4 | +11 12 | 8.3 | *8.3* | B9 | 5 | .. | 14170b |
| 48 | 3780 | 31.4 | + 9 14 | 8.9 | *9.0* | A3 | 5 | .. | 14170b |
| 49 | 3815 | 31.4 | + 5 11 | 9.2 | *9.2* | Ao | 3 | .. | 14170b |
| 50 | 3518 | 31.4 | − 0 38 | 9.7 | *10.2* | F8 | 2 | .. | 24025b |
| 51 | 4669 | 31.4 | − 2 2 | 9.2 | *9.5* | F2 | 5 | .. | 24025b |
| 52 | 4668 | 31.4 | − 2 16 | 9.4 | *9.9* | F8 | 3 | .. | 24025b |
| 53 | 4956 | 31.4 | −16 21 | 8.9 | *9.7* | G5 | 2 | 5,1 | 14619b |
| 54 | 5099 | 31.4 | −19 29 | 8.5 | 7.9 | B9 | 6 | .. | 14619b |
| 55 | 5207 | 31.4 | −20 25 | 10.3 | 9.7 | Ao | 3 | .. | 40616b |
| 56 | 14530 | 31.4 | −24 41 | 10.4 | 9.7 | A | 2 | .. | 40616b |
| 57 | 14778 | 31.4 | −28 5 | 8.9 | 8.5 | B2 | 5 | .. | 40326b |
| 58 | 13461 | 31.4 | −42 52 | 10.3 | 10.9 | Ao | 1 | .. | 40856b |
| 59 | 2353 | 31.4 | −71 31 | 4.10 | 5.8 | Ko | .. | R | **28,213** |
| 60 | 361 | 31.4 | −86 8 | *8.7* | 8.8 | A2 | 8 | 3,9 | 22980b |
| 61 | 2821 | 31.5 | +49 27 | 7.9 | *8.7* | G5 | 3 | .. | 38559i |
| 62 | 2720 | 31.5 | +48 16 | 8.1 | *8.2* | A2 | 4 | .. | 37997i |
| 63 | 3092 | 31.5 | +41 30 | 8.1 | *8.6* | F8 | 2 | .. | 38500i |
| 64 | 3521 | 31.5 | +11 46 | 7.89 | *7.89* | Ao | 4 | .. | 37901i |
| 65 | 3523 | 31.5 | +11 9 | 7.6 | *7.6* | Ao | 5 | .. | 37901i |
| 66 | 3767 | 31.5 | + 7 37 | 9.4 | *9.4* | Ao | 2 | .. | 14170b |
| 67 | 3806 | 31.5 | + 4 52 | 6.82 | *7.89* | K2 | 7 | .. | 14170b |
| 68 | 4703 | 31.5 | − 5 17 | 9.7 | *10.3* | Go | 2 | .. | 19014b |
| 69 | *5051* | 31.5 | −12 59 | 9.4 | *9.4* | B9 | 1 | .. | 39406b |
| 70 | 5030 | 31.5 | −15 6 | 7.55 | *7.89* | F2 | 3 | .. | 44013b |
| 71 | 5070 | 31.5 | −21 34 | 8.7 | 8.2 | A3 | 5 | .. | 40616b |
| 72 | 5071 | 31.5 | −21 47 | 8.5 | 8.5 | Fo | 5 | .. | 40616b |
| 73 | 15763 | 31.5 | −31 53 | 10.2 | 10.2 | A2 | 1 | .. | 40291b |
| 74 | 12426 | 31.5 | −47 2 | 8.6 | 10.2 | K2 | 4 | .. | 39665b |
| 75 | 12425 | 31.5 | −47 41 | 10.6 | 10.9 | Ao | 1 | .. | 39665b |
| 76 | 12268 | 31.5 | −49 20 | 10.6 | 10.1 | Go | 1 | .. | 39665b |
| 77 | 7331 | 31.5 | −59 49 | 8.5 | 9.6 | K2 | 3 | .. | 40463b |
| 78 | 2354 | 31.5 | −71 23 | *8.3* | 9.7 | Ma | 3 | .. | 21336b |
| 79 | 2238 | 31.6 | +52 16 | 5.42 | *6.42* | Ko | 8 | .. | 38559i |
| 80 | 3245 | 31.6 | +34 22 | 5.93 | *5.81* | B5 | 9 | 3,9 | 37828i |
| 81 | 3713 | 31.6 | +19 48 | 8.0 | *8.6* | G | 1 | .. | 37806i |
| 82 | 3816 | 31.6 | + 5 12 | 7.9 | *7.9* | B9 | 7 | .. | 14170b |
| 83 | 3519 | 31.6 | − 0 33 | 9.4 | *9.9* | F8 | 3 | .. | 24025b |
| 84 | 5052 | 31.6 | −13 10 | 9.4 | *9.4* | Ao | 1 | .. | 39406b |
| 85 | 5101 | 31.6 | −19 30 | 8.2 | 7.9 | K5 | 3 | .. | 14619b |
| 86 | 5102 | 31.6 | −19 41 | 11.0 | 9.5 | A | 1 | .. | 14619b |
| 87 | 4805 | 31.6 | −22 12 | 10.1 | 9.4 | B9 | 3 | .. | 40616b |
| 88 | 15159 | 31.6 | −29 46 | 9.5 | 10.1 | Go | 1 | .. | 40326b |
| 89 | 15764 | 31.6 | −31 27 | 10.2 | 10.2 | Go | 1 | .. | 40291b |
| 90 | 14333 | 31.6 | −32 18 | 9.9 | 8.7 | Ao | 4 | .. | 40291b |
| 91 | 12645 | 31.6 | −45 55 | 9.9 | 10.6 | Ko | 2 | .. | 39665b |
| 92 | 8988 | 31.6 | −54 46 | *10.0* | 10.1 | A2 | 3 | .. | 39457b |
| 93 | 8989 | 31.6 | −54 47 | 8.5 | 9.5 | G5 | 4 | .. | 39457b |
| 94 | 8778 | 31.6 | −55 23 | 9.0 | 10.2 | K5 | 2 | .. | 39457b |
| 95 | 7458 | 31.6 | −58 52 | 6.9 | 8.1 | G5 | 8 | .. | 40463b |
| 96 | 1256 | 31.6 | −76 15 | *9.3* | 9.4 | A2 | 2 | .. | 19008b |
| 97 | 3247 | 31.7 | +34 50 | 8.8 | *8.8* | A | 2 | .. | 37828i |
| 98 | 3578 | 31.7 | +25 17 | 8.1 | *8.1* | B9 | 5 | .. | 37806i |
| 99 | 3418 | 31.7 | +22 40 | 7.54 | *7.54* | Ao | 4 | 2,8 | 37848i |
| 100 | 3856 | 31.7 | +20 24 | 9.2 | *9.2* | A | 2 | .. | 37806i |



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## 171800 — $18^h\,31^m.7$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3580 | 31.7 | +10 12 | 9.06 | *9.34* | Fo | 2 | .. | 14170b |
| 2 | 3783 | 31.7 | + 9 3 | 5.40 | *5.74* | F2 | 10 | .. | 14170b |
| 3 | 4319 | 31.7 | − 3 35 | 8.9 | *9.2* | F2 | 4 | .. | 24025b |
| 4 | 4633 | 31.7 | − 7 41 | var. | var. | Nb | .. | R | M |
| 5 | 5032 | 31.7 | −15 1 | 8.56 | *9.63* | K2 | 2 | .. | 38079b |
| 6 | 5031 | 31.7 | −15 6 | 10.1 | *11.1* | Ko | 1 | 5,1 | 39406b |
| 7 | 5267 | 31.7 | −17 33 | 9.4 | *9.4* | B9 | 2 | .. | 14619b |
| 8 | 5209 | 31.7 | −20 9 | 9.7 | 9.5 | Ao | 3 | R | 40616b |
| 9 | 5074 | 31.7 | −21 30 | 9.1 | 9.4 | G5 | 2 | .. | 40616b |
| 10 | 14564 | 31.7 | −23 28 | 8.5 | 8.2 | Go | 6 | .. | 40616b |
| 11 | 15160 | 31.7 | −29 58 | 9.58 | 9.8 | F8 | 2 | .. | 40326b |
| 12 | 15950 | 31.7 | −30 0 | 10.0 | 9.9 | A | 1 | .. | 40326b |
| 13 | 12667 | 31.7 | −40 38 | 9.3 | 10.5 | Ko | 3 | .. | 40856b |
| 14 | 12984 | 31.7 | −41 48 | 10.8 | 10.7 | Ao | 2 | .. | 40856b |
| 15 | 12692 | 31.7 | −43 32 | 9.9 | 9.4 | Ao | 5 | .. | 40856b |
| 16 | 12766 | 31.7 | −44 45 | 10.6 | 10.3 | A2 | 3 | .. | 40856b |
| 17 | 12520 | 31.7 | −46 31 | 9.3 | 10.6 | K2 | 1 | .. | 39665b |
| 18 | 12431 | 31.7 | −47 2 | 9.9 | 10.2 | Ao | 3 | .. | 39665b |
| 19 | 12644 | 31.7 | −48 0 | 6.04 | 6.4 | A5 | 9 | .. | 39665b |
| 20 | 12064 | 31.7 | −50 19 | 9.2 | 9.2 | Fo | 5 | .. | 39457b |
| 21 | 11195 | 31.7 | −52 13 | 9.0 | 10.1 | Ko | 2 | .. | 39457b |
| 22 | 11194 | 31.7 | −52 24 | 8.7 | 9.8 | K2 | 3 | .. | 39457b |
| 23 | 8779 | 31.7 | −55 41 | 8.5 | 9.5 | Fo | 6 | .. | 39457b |
| 24 | 8780 | 31.7 | −55 46 | 9.1 | 10.2 | K2 | 2 | .. | 39457b |
| 25 | 4438 | 31.7 | −63 37 | *8.8* | 9.8 | Ko | 1 | .. | 42464b |
| 26 | 697 | 31.8 | +77 4 | 8.7 | *8.8* | A2 | 5 | .. | 38044i |
| 27 | 3463 | 31.8 | +39 27 | 7.7 | *7.7* | Ao | 4 | .. | 38500i |
| 28 | 3300 | 31.8 | +31 31 | 9.0 | *9.8* | G5 | 2 | .. | 38456i |
| 29 | *3295* | 31.8 | +30 1 | 8.31 | *8.31* | Ao | 2 | .. | 38456i |
| 30 | 3053 | 31.8 | +27 8 | 8.0 | *9.0* | Ko | 2 | .. | 38456i |
| 31 | 3584 | 31.8 | +10 42 | 9.1 | *9.1* | B9 | 4 | .. | 14170b |
| 32 | 3767 | 31.8 | + 8 30 | 10.4 | *10.4* | Ao | 2 | .. | 14170b |
| 33 | 3856 | 31.8 | + 6 43 | 8.9 | *10.0* | K2 | 2 | .. | 14170b |
| 34 | 3855 | 31.8 | + 6 36 | 5.41 | *5.75* | F2 | 10 | .. | 38022i |
| 35 | 3821 | 31.8 | + 5 58 | 7.9 | *8.0* | A2 | 7 | .. | 14170b |
| 36 | 4514 | 31.8 | − 4 42 | 7.85 | *8.13* | Fo | 8 | .. | 24025b |
| 37 | 4811 | 31.8 | − 6 41 | 9.4 | *10.0* | Go | 1 | .. | 19014b |
| 38 | 5017 | 31.8 | −18 24 | 9.9 | *9.9* | Ao | 1 | .. | 14619b |
| 39 | 4808 | 31.8 | −22 32 | 8.7 | 8.5 | A5 | 4 | .. | 40616b |
| 40 | 14337 | 31.8 | −32 46 | 7.22 | 7.5 | F5 | 9 | .. | 40291b |
| 41 | 12794 | 31.8 | −35 55 | 9.9 | 9.5 | Ao | 3 | .. | 40285b |
| 42 | 12751 | 31.8 | −37 4 | 9.9 | 9.5 | A5 | 2 | .. | 40285b |
| 43 | 12959 | 31.8 | −38 52 | 8.7 | 11.0 | K2 | 3 | .. | 39272b |
| 44 | 12778 | 31.8 | −39 52 | 9.9 | 10.9 | F2 | 2 | .. | 39272b |
| 45 | 12434 | 31.8 | −47 8 | 9.9 | 10.3 | G5 | 2 | .. | 39665b |
| 46 | 11697 | 31.8 | −51 22 | 9.5 | 9.5 | F8 | 4 | .. | 39457b |
| 47 | 2935 | 31.8 | −69 29 | *8.2* | 9.0 | G5 | 5 | .. | 41598b |
| 48 | 1824 | 31.9 | +58 37 | 9.5 | *10.0* | F8 | 3 | .. | 38518i |
| 49 | 3581 | 31.9 | +25 37 | 8.5 | *8.6* | A5 | 5 | .. | 37806i |
| 50 | 3858 | 31.9 | +20 54 | 8.5 | *9.0* | F8 | 2 | .. | 37806i |
| 51 | *3585* | 31.9 | +11 1 | 9.1 | *9.1* | Ao | 3 | .. | 14170b |
| 52 | 3755 | 31.9 | + 3 41 | 6.63 | *7.63* | Ko | 4 | .. | 38022i |
| 53 | 4671 | 31.9 | − 2 48 | 9.7 | *10.2* | F8 | 2 | .. | 24025b |
| 54 | 5120 | 31.9 | −12 26 | 6.90 | *7.40* | F8 | 3 | .. | 44013b |
| 55 | 5119 | 31.9 | −12 46 | 8.9 | *9.2* | Fo | 2 | .. | 38079b |
| 56 | 5076 | 31.9 | −21 29 | 5.80 | 5.6 | A5 | .. | 0,10- | 56,142 |
| 57 | 5075 | 31.9 | −21 50 | 9.1 | 9.5 | Ko | 3 | .. | 40616b |
| 58 | 14565 | 31.9 | −23 17 | 10.4 | 9.1 | B9 | 2 | .. | 40616b |
| 59 | 14537 | 31.9 | −24 8 | 10.7 | 9.5 | Ao | 2 | .. | 40616b |
| 60 | 15774 | 31.9 | −31 24 | 9.7 | 9.3 | B8 | 5 | .. | 40291b |
| 61 | 13417 | 31.9 | −33 34 | 7.7 | 8.4 | K5 | 4 | .. | 40291b |
| 62 | 12994 | 31.9 | −34 23 | 9.9 | 9.8 | Ko | 1 | .. | 40291b |
| 63 | 12753 | 31.9 | −37 6 | 9.2 | 8.7 | B8 | 4 | .. | 40285b |
| 64 | 12521 | 31.9 | −46 34 | 7.9 | 7.9 | Ko | 7 | .. | 39665b |
| 65 | 12436 | 31.9 | −47 43 | 10.1 | 11.4 | Ko | 1 | .. | 39665b |
| 66 | 12648 | 31.9 | −48 36 | 10.1 | 9.5 | A3 | 4 | .. | 39665b |
| 67 | 12272 | 31.9 | −49 14 | 10.1 | 10.4 | Ko | 1 | .. | 39665b |
| 68 | 12065 | 31.9 | −50 41 | 9.3 | 9.5 | A3 | 5 | .. | 39457b |
| 69 | 8894 | 31.9 | −56 23 | 9.2 | 9.8 | Ao | 2 | 0,2 | 39457b |
| 70 | 6212 | 31.9 | −61 30 | *9.6* | 9.6 | Ao | 3 | .. | 42464b |
| 71 | *2618* | 32.0 | +51 2 | 7.39 | *7.27* | B5 | 5 | .. | 38559i |
| 72 | 3229 | 32.0 | +38 49 | 6.87 | *6.87* | Ao | 6 | .. | 38500i |
| 73 | 3716 | 32.0 | +19 55 | 7.88 | *7.88* | Ao | 4 | .. | 37806i |
| 74 | 3598 | 32.0 | +12 55 | 7.35 | *7.77* | F5 | 4 | .. | 37901i |
| 75 | 4812 | 32.0 | − 6 11 | 9.1 | *9.4* | F2 | 3 | .. | 19014b |
| 76 | 5033 | 32.0 | −15 31 | 8.7 | *8.7* | B8p | 4 | *3,4* R | 38079b |
| 77 | 5105 | 32.0 | −19 41 | 8.5 | 8.8 | K5 | 2 | .. | 14619b |
| 78 | 13305 | 32.0 | −25 30 | 7.9 | 8.2 | B9 | 5 | .. | 40616b |
| 79 | 12995 | 32.0 | −34 5 | 9.3 | 8.3 | B9 | 6 | .. | 40291b |
| 80 | 12754 | 32.0 | −37 44 | 8.6 | 8.6 | B8 | 6 | .. | 40285b |
| 81 | 12781 | 32.0 | −39 37 | 7.9 | 9.1 | G5 | 5 | .. | 40285b |
| 82 | 12652 | 32.0 | −45 50 | 7.9 | 8.5 | Ko | 6 | 0,5 | 40856b |
| 83 | 12068 | 32.0 | −50 44 | 10.6 | 10.1 | Ao | 3 | .. | 39457b |
| 84 | 12066 | 32.0 | −50 59 | 11.6 | 10.9 | Ma | 1 | .. | 39457b |
| 85 | *1258* | 32.0 | −75 59 | *9.1* | 9.2 | A3 | 5 | .. | 19008b |
| 86 | 3096 | 32.1 | +41 29 | 7.26 | *7.68* | F5 | 5 | .. | 38500i |
| 87 | 3859 | 32.1 | + 6 20 | 7.29 | *7.47* | K5 | 5 | . | 14170b |
| 88 | 3975 | 32.1 | + 0 52 | 7.02 | *7.52* | F8 | 5 | 0,10 | 38022i |
| 89 | 3520 | 32.1 | − 0 13 | 10.4 | *10.7* | Fo | 2 | .. | 24025b |
| 90 | 3524 | 32.1 | − 1 1 | 9.4 | *10.6* | K5 | 3 | .. | 24025b |
| 91 | 3523 | 32.1 | − 1 33 | 9.4 | *10.6* | K5 | 1 | .. | 24025b |
| 92 | 5035 | 32.1 | −15 1 | 9.06 | *9.01* | B8 | 3 | .. | 39406b |
| 93 | 5271 | 32.1 | −17 19 | 6.80 | *7.14* | F2 | 5 | 0,7 | 10085b |
| 94 | 14568 | 32.1 | −23 48 | 8.5 | 9.1 | Ko | 3 | .. | 40616b |
| 95 | 14543 | 32.1 | −24 22 | 11.2 | 11.1 | A | 2 | .. | 40616b |
| 96 | 13332 | 32.1 | −26 43 | 9.5 | 10.0 | G5 | 1 | .. | 40326b |
| 97 | 15961 | 32.1 | −30 58 | 9.5 | 8.7 | A2 | 4 | .. | 40326b |
| 98 | 15781 | 32.1 | −31 26 | 7.9 | 7.8 | Fo | 7 | .. | 40291b |
| 99 | 12997 | 32.1 | −34 22 | 10.8 | 9.9 | Ao | 1 | .. | 40291b |
| 100 | 12756 | 32.1 | −37 58 | 7.5 | 7.9 | A2 | 7 | .. | 40285b |



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1922AnHar..97....1C



## 171900 — $18^h\,32^m.1$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12965 | 32.1 | −38 31 | 9.9 | 11.1 | K2 | 3 | .. | 39272b |
| 2 | 12783 | 32.1 | −39 47 | 7.5 | 8.9 | K2 | 5 | .. | 40285b |
| 3 | 12986 | 32.1 | −41 53 | 9.9 | 11.1 | K2 | 1 | .. | 40856b |
| 4 | 13474 | 32.1 | −42 11 | 9.5 | 10.0 | Ao | 3 | .. | 40856b |
| 5 | 13472 | 32.1 | −42 30 | 10.6 | 10.7 | Ao | 2 | .. | 40856b |
| 6 | 12437 | 32.1 | −47 34 | 9.9 | 11.6 | K5 | 1 | .. | 39665b |
| 7 | 12274 | 32.1 | −49 8 | 10.3 | 10.1 | Ko | 1 | .. | 39665b |
| 8 | 12070 | 32.1 | −50 45 | 11.0 | 10.7 | A2 | 1 | .. | 39457b |
| 9 | 5922 | 32.1 | −62 6 | *8.6* | 9.6 | Ko | 3 | .. | 42464b |
| 10 | 1881 | 32.2 | +57 46 | 8.14 | *8.14* | Ao | 4 | .. | 38518i |
| 11 | 2404 | 32.2 | +51 43 | 6.71 | *8.06* | Ma | 5 | .. | 38559i |
| 12 | 3173 | 32.2 | +37 35 | 8.0 | *8.6* | Go | 2 | .. | 38500i |
| 13 | 3518 | 32.2 | +15 22 | 6.92 | *7.92* | Ko | 5 | .. | 37901i |
| 14 | 3626 | 32.2 | + 2 54 | 7.9 | *7.9* | B9 | 7 | 0,2 | 24025b |
| 15 | *4321* | 32.2 | − 2 58 | 9.4 | *9.7* | F2 | 4 | .. | 24025b |
| 16 | *4322* | 32.2 | − 2 58 | 9.7 | *10.2* | F8 | 3 | .. | 24025b |
| 17 | 4325 | 32.2 | − 3 0 | 6.68 | *7.68* | Ko | 8 | .. | 24025b |
| 18 | 4636 | 32.2 | − 7 25 | 7.9 | *8.5* | Go | 5 | .. | 19014b |
| 19 | 4732 | 32.2 | −10 49 | 9.1 | *9.7* | Go | 1 | .. | 39406b |
| 20 | 5055 | 32.2 | −13 33 | 7.28 | *7.84* | Go | 2 | .. | 44013b |
| 21 | 5273 | 32.2 | −17 2 | 8.8 | *8.8* | B8 | 3 | 2,3 | 39406b |
| 22 | 4811 | 32.2 | −22 9 | 9.7 | 9.4 | B9 | 3 | .. | 40616b |
| 23 | 4810 | 32.2 | −22 38 | 10.3 | 9.8 | Ao | 2 | .. | 40616b |
| 24 | 12989 | 32.2 | −41 39 | 8.9 | 9.4 | Fo | 5 | .. | 40856b |
| 25 | 12438 | 32.2 | −47 9 | 8.3 | 9.7 | B9 | 6 | .. | 39665b |
| 26 | 12652 | 32.2 | −48 17 | 9.7 | 9.8 | A3 | 3 | .. | 39665b |
| 27 | 12275 | 32.2 | −49 18 | 9.9 | 9.5 | A3 | 2 | .. | 39665b |
| 28 | 9255 | 32.2 | −53 49 | *9.8* | 10.4 | Go | 3 | .. | 39457b |
| 29 | 3588 | 32.3 | +10 11 | 9.07 | *9.13* | A2 | 4 | .. | 14170b |
| 30 | 3831 | 32.3 | + 5 43 | 8.00 | *9.00* | Ko | 4 | .. | 14170b |
| 31 | 3830 | 32.3 | + 5 14 | 9.2 | *9.2* | B9 | 2 | .. | 14170b |
| 32 | 3627 | 32.3 | + 2 10 | 8.7 | *9.7* | Ko | 3 | .. | 24025b |
| 33 | 3976 | 32.3 | + 0 5 | 9.2 | *9.5* | Fo | 4 | .. | 24025b |
| 34 | 4707 | 32.3 | − 5 8 | 9.4 | *9.9* | F8 | 1 | .. | 19014b |
| 35 | 4692 | 32.3 | −11 26 | 8.7 | *9.2* | F8 | 2 | .. | 38079b |
| 36 | 15966 | 32.3 | −30 7 | 6.77 | 7.2 | F2 | 8 | .. | 40326b |
| 37 | 12786 | 32.3 | −39 13 | 8.9 | 10.5 | Ko | 4 | .. | 39272b |
| 38 | 12679 | 32.3 | −40 0 | 7.63 | 8.8 | Ko | 5 | .. | 40285b |
| 39 | 12698 | 32.3 | −43 24 | 9.3 | 11.0 | K2 | 1 | .. | 40856b |
| 40 | 12654 | 32.3 | −45 19 | 9.7 | 8.8 | B8 | 5 | .. | 40856b |
| 41 | 11702 | 32.3 | −51 44 | 7.6 | 7.7 | F8 | 8 | .. | 39457b |
| 42 | 3940 | 32.3 | −64 24 | *8.7* | 9.3 | Go | 3 | .. | 42464b |
| 43 | 413 | 32.4 | +84 14 | 8.7 | *8.8* | A5 | 5 | .. | 37294i |
| 44 | 3425 | 32.4 | +40 41 | 7.56 | *7.70* | A5 | 4 | .. | 38500i |
| 45 | 3423 | 32.4 | +40 14 | 7.57 | *7.63* | A2 | 4 | .. | 38500i |
| 46 | 3244 | 32.4 | +30 31 | 6.62 | *7.40* | G5 | 3 | .. | 37845i |
| 47 | 3296 | 32.4 | +29 56 | 8.31 | *9.38* | K2 | 1 | .. | 38456i |
| 48 | *3494* | 32.4 | +22 1 | 6.67 | *6.65* | B9 | 9 | .. | 37806i |
| 49 | 3528 | 32.4 | +11 35 | 8.5 | *8.6* | A2 | 4 | .. | 14170b |
| 50 | 3772 | 32.4 | + 7 56 | 9.1 | *10.2* | K2 | 1 | .. | 14170b |
| 51 | 3774 | 32.4 | + 7 27 | 7.7 | *8.3* | Go | 7 | .. | 14170b |
| 52 | 3757 | 32.4 | + 3 8 | 7.9 | *9.1* | K5 | 3 | E | 24025b |
| 53 | 3628 | 32.4 | + 2 33 | 7.8 | *8.2* | F5 | 7 | .. | 24025b |
| 54 | 4518 | 32.4 | − 4 54 | 6.72 | *7.06* | F2 | 9 | .. | 19014b |
| 55 | 4816 | 32.4 | − 6 53 | 8.3 | *9.3* | Ko | 1 | .. | 19014b |
| 56 | 4661 | 32.4 | − 8 50 | 9.1 | *9.1* | Ao | 1 | .. | 19014b |
| 57 | 5139 | 32.4 | −14 6 | 6.45 | *6.43* | B9 | 5 | .. | 44013b |
| 58 | 5022 | 32.4 | −18 28 | 8.9 | *10.1* | K5 | 1 | .. | 14619b |
| 59 | 5078 | 32.4 | −21 32 | 9.7 | 9.5 | A5 | 3 | .. | 40616b |
| 60 | 14570 | 32.4 | −23 11 | 7.47 | 8.5 | K2 | 4 | .. | 40616b |
| 61 | 14572 | 32.4 | −23 36 | 5.75 | *5.73* | B9 | .. | 0,8 | **56**,95 |
| 62 | 15173 | 32.4 | −29 44 | 7.8 | 7.5 | F8 | 5 | .. | 40326b |
| 63 | 15971 | 32.4 | −30 37 | 7.9 | 7.2 | B8 | 7 | .. | 40326b |
| 64 | 15785 | 32.4 | −31 18 | 10.2 | 8.8 | Fo | 4 | .. | 40291b |
| 65 | 12680 | 32.4 | −40 47 | 9.3 | 10.0 | Ao | 4 | 0,3 | 40856b |
| 66 | 12993 | 32.4 | −41 31 | 7.9 | 8.6 | B9 | 7 | .. | 40856b |
| 67 | 12699 | 32.4 | −43 16 | 5.36 | 6.7 | Mb | .. | 5,10 | **56**,143 |
| 68 | 12655 | 32.4 | −45 19 | 9.2 | 10.6 | G5 | 3 | .. | 40856b |
| 69 | 8997 | 32.4 | −54 51 | 9.01 | 9.9 | Ko | 3 | .. | 39457b |
| 70 | 5924 | 32.4 | −62 52 | *8.8* | 9.6 | G5 | 2 | .. | 42464b |
| 71 | 3941 | 32.4 | −64 35 | *8.7* | 9.8 | K2 | 2 | .. | 42464b |
| 72 | 2657 | 32.5 | +47 21 | 8.1 | *9.1* | Ko | 1 | .. | 37997i |
| 73 | 3495 | 32.5 | +21 15 | 8.6 | *8.6* | Ao | 5 | .. | 37806i |
| 74 | 3747 | 32.5 | +18 52 | 7.5 | *8.7* | K5 | 1 | .. | 19372i |
| 75 | 3530 | 32.5 | +11 21 | 6.36 | *6.36* | Ao | 9 | .. | 37901i |
| 76 | 3758 | 32.5 | + 3 6 | 8.6 | *8.6* | Ao | 2 | .. | 38022i |
| 77 | 3978 | 32.5 | + 0 45 | 9.0 | 9.1 | A5 | 5 | .. | 24025b |
| 78 | 3521 | 32.5 | − 0 24 | 5.80 | *5.80* | Ao | 10 | R | 38022i |
| 79 | 4638 | 32.5 | − 7 44 | 9.1 | *9.1* | Ao | 3 | .. | 19014b |
| 80 | 4779 | 32.5 | − 9 3 | 8.7 | *8.7* | B8 | 3 | .. | 19014b |
| 81 | 5079 | 32.5 | −21 16 | 9.2 | 9.7 | Go | 2 | .. | 40616b |
| 82 | 12762 | 32.5 | −37 47 | 8.3 | 9.2 | Ko | 4 | .. | 40285b |
| 83 | .. | 32.5 | −38 31 | .. | .. | Ma | .. | .. | M |
| 84 | 12790 | 32.5 | −39 31 | 9.9 | 10.7 | G5 | 3 | .. | 39272b |
| 85 | 12525 | 32.5 | −46 8 | 9.3 | 11.0 | G5 | 3 | .. | 39665b |
| 86 | 11201 | 32.5 | −52 17 | 7.4 | 7.3 | A2 | 6 | .. | 36342b |
| 87 | 8998 | 32.5 | −54 45 | 9.2 | 9.8 | F5 | 3 | .. | 39457b |
| 88 | 8899 | 32.5 | −56 11 | 7.3 | 8.6 | Ko | 6 | .. | 40463b |
| 89 | 5926 | 32.5 | −62 2 | *8.4* | 9.6 | K5 | 2 | .. | 42464b |
| 90 | 1314 | 32.5 | −77 58 | 6.33 | 6.9 | Go | 10 | .. | 19008b |
| 91 | 586 | 32.5 | −84 31 | *9.1* | 9.9 | G5 | 1 | .. | 43458b |
| 92 | 1079 | 32.6 | +67 41 | 6.81 | *7.99* | K5 | 6 | .. | 37907i |
| 93 | 2094 | 32.6 | +55 50 | 7.46 | *7.54* | A3 | 4 | .. | 38518i |
| 94 | 3563 | 32.6 | +16 7 | 6.38 | *7.38* | Ko | 8 | .. | 37901i |
| 95 | 3789 | 32.6 | + 9 10 | 8.5 | *9.6* | K2 | 4 | .. | 14170b |
| 96 | 3838 | 32.6 | + 5 56 | 9.2 | *9.2* | Ao | 3 | .. | 14170b |
| 97 | 3729 | 32.6 | + 1 39 | 8.7 | *9.8* | K2 | 3 | .. | 24025b |
| 98 | 4327 | 32.6 | − 3 50 | 9.2 | *10.0* | G5 | 2 | .. | 24025b |
| 99 | 4817 | 32.6 | − 6 52 | 8.8 | *9.6* | G5 | 4 | .. | 19014b |
| 100 | 4694 | 32.6 | −11 20 | 9.7 | *10.2* | F8 | 1 | .. | 38079b |



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## 172000 — 18h 32m.6

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 14356 | 32.6 | −32 2 | 9.9 | 9.8 | B8 | 2 | .. | 40291b |
| 2 | 12873 | 32.6 | −36 19 | 8.3 | 8.6 | F2 | 6 | .. | 40285b |
| 3 | 12765 | 32.6 | −37 23 | 7.73 | 9.0 | K5 | 4 | .. | 40285b |
| 4 | 12970 | 32.6 | −38 7 | 8.1 | 9.7 | G5 | 3 | .. | 40285b |
| 5 | 12442 | 32.6 | −47 39 | 9.9 | 11.6 | K5 | 1 | .. | 39665b |
| 6 | 3202 | 32.7 | +36 53 | 7.52 | *8.52* | Ko | 2 | .. | 37845i |
| 7 | 3245 | 32.7 | +30 22 | 7.46 | *8.24* | G5 | 2 | .. | 37845i |
| 8 | 3582a | 32.7 | +25 58 | var. | var. | Md | .. | R | M |
| 9 | 3604 | 32.7 | +12 11 | 8.1 | *8.9* | G5 | 2 | .. | 37901i |
| 10 | 3531 | 32.7 | +11 16 | 6.93 | *6.93* | Ao | 7 | .. | 37901i |
| 11 | 3594 | 32.7 | +10 17 | 9.7 | *9.7* | Ao | 4 | .. | 14170b |
| 12 | 3843 | 32.7 | + 5 27 | 9.1 | *9.1* | B9 | 3 | .. | 14170b |
| 13 | 4678 | 32.7 | − 2 41 | 7.07 | *8.07* | Ko | 9 | .. | 24025b |
| 14 | 5140 | 32.7 | −14 35 | 9.7 | *10.5* | G5 | 1 | .. | 39406b |
| 15 | 14813 | 32.7 | −28 44 | 9.7 | 10.2 | G5 | 1 | .. | 40326b |
| 16 | 13006 | 32.7 | −34 15 | 6.64 | 7.7 | Ao | 10 | .. | 40291b |
| 17 | 12972 | 32.7 | −38 33 | 10.3 | 11.0 | F2 | 3 | .. | 39272b |
| 18 | 12996 | 32.7 | −41 18 | 9.3 | 9.7 | A3 | 5 | .. | 40856b |
| 19 | 13482 | 32.7 | −42 21 | 9.0 | 8.8 | A5 | 6 | .. | 40856b |
| 20 | 12658 | 32.7 | −48 2 | 10.6 | 10.4 | F8 | 1 | .. | 39665b |
| 21 | 3942 | 32.7 | −64 44 | 6.54 | 7.0 | A2 | 9 | .. | 42464b |
| 22 | 1882 | 32.8 | +57 43 | 7.31 | *7.45* | A5 | 8 | .. | 38518i |
| 23 | 3176 | 32.8 | +37 58 | 7.34 | *7.76* | F5 | 4 | .. | 38500i |
| 24 | 3532 | 32.8 | +11 35 | 8.6 | *8.6* | Ao | 3 | .. | 14170b |
| 25 | 3862 | 32.8 | + 6 59 | 9.0 | *9.0* | Ao | 4 | .. | 14170b |
| 26 | 3730 | 32.8 | + 1 16 | 9.4 | *9.5* | A5 | 2 | .. | 24025b |
| 27 | 3522 | 32.8 | − 0 18 | 9.4 | *9.7* | F2 | 2 | .. | 24025b |
| 28 | 3523 | 32.8 | − 0 29 | 8.1 | *8.0* | B5 | 7 | .. | 24025b |
| 29 | 3526 | 32.8 | − 1 54 | 8.47 | *8.47* | Ao | 7 | .. | 24025b |
| 30 | 4709 | 32.8 | − 5 1 | 9.10 | *9.10* | Ao | 3 | .. | 19014b |
| 31 | 4820 | 32.8 | − 6 18 | 9.4 | *9.7* | F2 | 2 | .. | 19014b |
| 32 | 4963 | 32.8 | −16 24 | 7.9 | *8.2* | Fo | 5 | *5,7* | 38079b |
| 33 | 5024 | 32.8 | −18 52 | 9.4 | *9.5* | A3 | 4 | .. | 14619b |
| 34 | 14576 | 32.8 | −23 2 | 8.5 | 9.1 | Ko | 3 | .. | 40616b |
| 35 | 14555 | 32.8 | −24 48 | 9.2 | 9.7 | G5 | 3 | .. | 40616b |
| 36 | 12796 | 32.8 | −39 29 | 7.9 | 9.4 | Ma | 3 | .. | 40285b |
| 37 | 12532 | 32.8 | −46 40 | 10.1 | 10.2 | F2 | 3 | .. | 39665b |
| 38 | 12660 | 32.8 | −48 55 | 10.1 | 9.8 | F5 | 2 | .. | 39665b |
| 39 | 11203 | 32.8 | −52 39 | 8.7 | 9.0 | Ko | 5 | . | 39457b |
| 40 | 9260 | 32.8 | −53 50 | *9.9* | 10.4 | F8 | 2 | .. | 39457b |
| 41 | 2013 | 32.9 | +54 8 | 7.9 | *9.0* | K2 | 3 | .. | 38559i |
| 42 | 2659 | 32.9 | +47 11 | 8.3 | *8.4* | A2 | 1 | .. | 37997i |
| 43 | 3116 | 32.9 | +42 58 | 7.34 | *8.34* | Ko | 4 | .. | 38500i |
| 44 | 3154 | 32.9 | +33 23 | 5.46 | *5.41* | B8 | .. | 1,10- | 56,95 |
| 45 | 3596 | 32.9 | +14 47 | 8.0 | *9.0* | Ko | 2 | .. | 37901i |
| 46 | 3846 | 32.9 | + 5 47 | 6.64 | *6.59* | B8 | 10 | .. | 14170b |
| 47 | 3979 | 32.9 | + 0 49 | 9.0 | *9.5* | F8 | 3 | .. | 24025b |
| 48 | 3527 | 32.9 | − 1 49 | 9.4 | *9.5* | A2 | 3 | .. | 24025b |
| 49 | 5057 | 32.9 | −13 24 | 9.4 | *9.4* | Ao | 1 | .. | 38079b |
| 50 | 5113 | 32.9 | −19 12 | 8.6 | 9.1 | K5 | 1 | .. | 14619b |
| 51 | 5081 | 32.9 | −21 8 | 5.91 | 6.6 | G5 | .. | *5,6-* | 56,143 |
| 52 | 14580 | 32.9 | −23 16 | 6.79 | 7.1 | F8p | .. | *3,6* R | 56,143 |
| 53 | 14579 | 32.9 | −23 55 | 10.4 | 10.6 | A2 | 2 | .. | 40616b |
| 54 | 14821 | 32.9 | −28 16 | 7.46 | 7.9 | B9 | 7 | .. | 40326b |
| 55 | 14820 | 32.9 | −28 36 | 8.7 | 9.4 | K2 | 3 | .. | 40326b |
| 56 | 14818 | 32.9 | −28 49 | 10.4 | 10.0 | Ao | 1 | .. | 40326b |
| 57 | 14368 | 32.9 | −32 8 | 7.9 | 8.7 | G5 | 5 | .. | 40291b |
| 58 | 14366 | 32.9 | −32 31 | 8.6 | 8.5 | B9 | 5 | .. | 40291b |
| 59 | 13434 | 32.9 | −33 5 | 7.5 | 7.9 | Ao | 8 | .. | 40291b |
| 60 | 12973 | 32.9 | −38 10 | 9.9 | 10.6 | F2 | 2 | .. | 40285b |
| 61 | 12998 | 32.9 | −41 41 | 9.3 | 9.4 | Ao | 4 | .. | 40856b |
| 62 | 12444 | 32.9 | −47 42 | 9.5 | 10.9 | Ko | 2 | .. | 39665b |
| 63 | 12661 | 32.9 | −48 39 | 9.2 | 8.9 | G5 | 4 | .. | 39665b |
| 64 | 12073 | 32.9 | −50 57 | 11.0 | 10.7 | Ko | 1 | .. | 39457b |
| 65 | 3385 | 32.9 | −66 49 | *9.2* | 9.3 | A3 | 2 | .. | 41442b |
| 66 | 1003 | 33.0 | +68 31 | 7.60 | *8.38* | G5 | 6 | .. | 37907i |
| 67 | 2661 | 33.0 | +47 3 | 8.2 | *9.4* | K5 | 1 | .. | 37997i |
| 68 | 3100 | 33.0 | +41 12 | 6.86 | *6.86* | Ao | 6 | .. | 38500i |
| 69 | 3791 | 33.0 | + 9 8 | 9.1 | *9.2* | A3 | 4 | .. | 14170b |
| 70 | *3779* | 33.0 | + 8 0 | 9.0 | *10.0* | Ko | 1 | .. | 14170b |
| 71 | *3981* | 33.0 | + 1 0 | 9.2 | *10.0* | G5 | 1 | .. | 24025b |
| 72 | 4640 | 33.0 | − 7 22 | 9.4 | *9.9* | F8 | 3 | .. | 19014b |
| 73 | 4665 | 33.0 | − 8 42 | 8.8 | *9.1* | Fo | 2 | .. | 19014b |
| 74 | 5217 | 33.0 | −20 22 | 9.9 | 10.3 | K5 | 2 | .. | 40616b |
| 75 | 12809 | 33.0 | −35 22 | 8.3 | 9.3 | K2 | 3 | .. | 40291b |
| 76 | 12879 | 33.0 | −36 4 | 9.9 | 9.6 | G5 | 2 | .. | 40285b |
| 77 | 12975 | 33.0 | −38 52 | 9.7 | *10.8* | K2 | 2 | .. | 39272b |
| 78 | 12445 | 33.0 | −47 32 | 10.1 | 11.0 | Ko | 1 | .. | 39665b |
| 79 | 9261 | 33.0 | −53 30 | 9.2 | 9.2 | B9 | 6 | .. | 39457b |
| 80 | 9145 | 33.0 | −57 33 | *10.0* | 10.1 | A5 | 2 | .. | 40463b |
| 81 | 7336 | 33.0 | −59 31 | 9.0 | 9.6 | G5 | 2 | .. | 40463b |
| 82 | 2298 | 33.0 | −72 33 | *8.4* | 9.4 | Ko | 4 | .. | 21336b |
| 83 | 848 | 33.1 | +72 59 | 7.8 | *8.4* | Go | 4 | .. | 38029i |
| 84 | 2935 | 33.1 | +44 22 | 8.6 | *8.6* | Ao | 2 | .. | 37997i |
| 85 | 3469 | 33.1 | +24 21 | 7.43 | *7.93* | F8 | 7 | *0,3* R | 37806i |
| 86 | 3425 | 33.1 | +22 18 | 9.8 | *9.8* | A | 1 | .. | 37806i |
| 87 | 3982 | 33.1 | + 0 18 | 8.4 | *9.2* | G5 | 7 | .. | 24025b |
| 88 | 4331 | 33.1 | − 3 17 | 6.47 | *6.97* | F8 | 10 | .. | 24025b |
| 89 | 5126 | 33.1 | −12 42 | 9.4 | *9.4* | B9 | 2 | .. | 38079b |
| 90 | 5218 | 33.1 | −20 6 | 9.48 | 10.6 | Ma | .. | .. | M |
| 91 | 4814 | 33.1 | −22 24 | 9.4 | 9.5 | Ao | 3 | .. | 40616b |
| 92 | 15183 | 33.1 | −29 35 | 10.0 | 9.9 | Go | 2 | .. | 40326b |
| 93 | 15805 | 33.1 | −31 21 | 10.4 | 9.9 | Ao | 2 | .. | 40291b |
| 94 | 13493 | 33.1 | −42 1 | 8.6 | 8.2 | B5 | 7 | .. | 40856b |
| 95 | 12662 | 33.1 | −45 45 | 9.7 | 9.2 | A5 | 4 | .. | 39665b |
| 96 | 11707 | 33.1 | −51 9 | 10.3 | 10.1 | G5 | 1 | .. | 39457b |
| 97 | 9262 | 33.1 | −53 10 | *9.5* | 10.7 | K5 | 1 | .. | 39457b |
| 98 | 5931 | 33.1 | −62 25 | *9.0* | 9.6 | Go | 2 | .. | 42464b |
| 99 | 590a | 33.2 | +79 34 | 7.04 | *7.18* | A5 | 6 | *2,6* | 38044i |
| 100 | 3534 | 33.2 | +11 22 | 8.28 | *9.46* | K5 | 1 | .. | 14170b |



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**172100** **18h 33m.2**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3781 | 33.2 | + 7 55 | 8.7 | *8.7* | B9 | 5 | .. | 14170b |
| 2 | 3853 | 33.2 | + 5 16 | 9.7 | *9.7* | A0 | 3 | .. | 14170b |
| 3 | 3529 | 33.2 | − 1 12 | 6.49 | *6.83* | F2 | 3 | 0,10 | 38022i |
| 4 | 4332 | 33.2 | − 3 44 | 8.5 | *8.9* | F5 | 6 | .. | 24025b |
| 5 | 4823 | 33.2 | − 6 5 | 8.7 | *9.0* | F2 | 5 | .. | 19014b |
| 6 | 5127 | 33.2 | −12 8 | 8.0 | *8.1* | A2 | 1 | .. | 44013b |
| 7 | 5060 | 33.2 | −13 52 | 8.3 | *9.5* | K5 | 1 | .. | 38079b |
| 8 | 4815 | 33.2 | −22 44 | 10.1 | 9.7 | G0 | 2 | .. | 40616b |
| 9 | 13315 | 33.2 | −25 19 | 10.7 | 10.0 | A0 | 2 | .. | 40616b |
| 10 | 13001 | 33.2 | −41 4 | 8.9 | 10.5 | K2 | 3 | .. | 40856b |
| 11 | 12709 | 33.2 | −43 26 | 8.6 | 8.5 | F2 | 7 | .. | 40856b |
| 12 | 11710 | 33.2 | −51 17 | 7.8 | 7.8 | B9 | 7 | .. | 39457b |
| 13 | 2936 | 33.2 | −69 16 | *8.4* | 9.6 | K5 | 1 | .. | 41598b |
| 14 | 694 | 33.3 | +76 8 | 7.42 | *8.42* | K0 | 3 | .. | 38044i |
| 15 | 3156 | 33.3 | +33 9 | 8.4 | *9.2* | G5 | 1 | .. | 37828i |
| 16 | 3248 | 33.3 | +30 38 | 8.4 | *9.2* | G5 | 2 | .. | 37845i |
| 17 | 3792 | 33.3 | + 9 49 | 8.9 | *10.0* | K2 | 1 | .. | 14170b |
| 18 | 3794 | 33.3 | + 9 43 | 8.4 | *9.2* | G5 | 3 | .. | 14170b |
| 19 | 3793 | 33.3 | + 9 14 | 9.1 | *10.2* | K2 | 1 | .. | 14170b |
| 20 | .. | 33.3 | − 1 12 | .. | .. | A2 | 1 | .. | 24025b |
| 21 | 4333 | 33.3 | − 3 22 | 9.7 | *10.1* | F5 | 2 | .. | 24025b |
| 22 | 5220 | 33.3 | −20 26 | 8.7 | 8.2 | A2 | 5 | .. | 40616b |
| 23 | 4816 | 33.3 | −22 27 | 10.6 | 10.3 | A0 | 2 | .. | 40616b |
| 24 | 14374 | 33.3 | −32 10 | 9.3 | 9.4 | A2 | 3 | .. | 40291b |
| 25 | 12770 | 33.3 | −37 36 | 8.6 | 8.9 | F5 | 5 | .. | 40285b |
| 26 | 12981 | 33.3 | −38 8 | 9.9 | 11.0 | A2 | 1 | .. | 39272b |
| 27 | 12802 | 33.3 | −39 50 | 10.8 | 10.7 | B5 | 2 | .. | 39272b |
| 28 | 12449 | 33.3 | −47 7 | 6.94 | 7.0 | A0 | 9 | .. | 39665b |
| 29 | 12450 | 33.3 | −47 58 | 10.6 | 11.4 | G0 | 1 | .. | 39665b |
| 30 | 988 | 33.4 | +69 53 | 8.24 | *8.24* | A0 | 4 | .. | 38029i |
| 31 | 3257 | 33.4 | +34 47 | 8.0 | *9.0* | K0 | 2 | .. | 37845i |
| 32 | 3032 | 33.4 | +28 58 | 8.0 | *9.1* | K2 | 3 | .. | 38456i |
| 33 | 3500 | 33.4 | +21 26 | 8.6 | *8.6* | A0 | 4 | .. | 37806i |
| 34 | 3756 | 33.4 | +18 21 | 7.54 | *8.61* | K2 | 2 | .. | 19372b |
| 35 | 4683 | 33.4 | − 2 7 | 9.4 | *9.9* | F8 | 3 | .. | 24025b |
| 36 | 4334 | 33.4 | − 3 47 | 9.4 | *10.6* | K5 | 1 | .. | 38111b |
| 37 | 5043 | 33.4 | −15 8 | 7.75 | *8.93* | K5 | 3 | 0,3 | 38079b |
| 38 | 5046 | 33.4 | −15 21 | 9.9 | *9.9* | A0 | 2 | 0,1- | 38079b |
| 39 | 5045 | 33.4 | −15 45 | 10.3 | *10.3* | B8 | 1 | .. | 39406b |
| 40 | 15193 | 33.4 | −29 26 | 9.7 | 9.4 | B | 2 | .. | 40326b |
| 41 | 14378 | 33.4 | −32 16 | 9.7 | 9.6 | A2 | 2 | .. | 40291b |
| 42 | 13010 | 33.4 | −34 41 | 9.3 | 9.5 | A5 | 3 | .. | 40291b |
| 43 | 12886 | 33.4 | −36 8 | 10.1 | 9.8 | G5 | 3 | .. | 39272b |
| 44 | 12797 | 33.4 | −44 16 | 7.8 | 8.2 | G0 | .. | 2,8 | **56**,143 |
| 45 | 12663 | 33.4 | −45 50 | 9.7 | 9.7 | G0 | 4 | .. | 39665b |
| 46 | 9006 | 33.4 | −54 51 | *9.3* | 10.4 | K2 | 1 | .. | 39457b |
| 47 | 1907 | 33.5 | +59 10 | 9.0 | *10.2* | K5 | 1 | .. | 38518i |
| 48 | 3025 | 33.5 | +43 42 | 7.7 | *8.8* | K2 | 3 | .. | 37997i |
| 49 | 3237 | 33.5 | +38 26 | 7.8 | *8.2* | F5 | 2 | .. | 38500i |
| 50 | 3178 | 33.5 | +37 20 | 8.0 | *9.1* | K2 | 1 | .. | 38500i |
| 51 | 3599 | 33.5 | +14 52 | 8.59 | *9.37* | G5 | 1 | .. | 37901i |
| 52 | 3599 | 33.5 | +10 27 | 8.6 | *8.7* | A2 | 6 | .. | 14170b |
| 53 | 3731 | 33.5 | + 1 7 | 9.2 | *9.5* | F2 | 5 | .. | 24025b |
| 54 | 3984 | 33.5 | + 0 58 | 8.99 | *9.77* | G5 | 5 | .. | 24025b |
| 55 | *3525* | 33.5 | + 0 1 | 8.33 | *8.75* | F5 | 8 | .. | 24025b |
| 56 | 5143 | 33.5 | −14 30 | 9.7 | *10.7* | K0 | 1 | .. | 39406b |
| 57 | 5088 | 33.5 | −21 7 | 9.1 | 9.2 | A0 | 4 | .. | 40616b |
| 58 | 4817 | 33.5 | −22 3 | 8.1 | 7.9 | A0 | 3 | 2,7 | 10085b |
| 59 | 12887 | 33.5 | −36 36 | 8.3 | 9.5 | Ma | 3 | .. | 40285b |
| 60 | 12714 | 33.5 | −43 36 | 8.7 | 8.5 | F5 | 5 | .. | 40856b |
| 61 | 12664 | 33.5 | −45 52 | 9.9 | 9.7 | G0 | 2 | .. | 39665b |
| 62 | 8787 | 33.5 | −55 21 | *9.2* | 10.2 | K0 | 2 | .. | 39457b |
| 63 | 4441 | 33.5 | −63 44 | *9.5* | 9.8 | F0 | 2 | .. | 42464b |
| 64 | 1185 | 33.5 | −78 47 | *9.4* | 9.5 | A2 | 3 | .. | 19008b |
| 65 | 1004 | 33.6 | +68 54 | 9.1 | *9.6* | F8 | 1 | .. | 38029i |
| 66 | 2939 | 33.6 | +44 14 | 8.5 | *9.5* | K0 | 1 | .. | 37997i |
| 67 | 3238 | 33.6 | +38 41 | 0.14 | *0.14* | A0 | .. | R | **28**,213 |
| 68 | 3262 | 33.6 | +34 2 | 8.2 | *9.4* | K5 | 1 | .. | 37828i |
| 69 | 3302 | 33.6 | +29 29 | 6.76 | *7.76* | K0 | 3 | .. | 37845i |
| 70 | 3525 | 33.6 | +15 4 | 8.01 | *8.01* | A0 | 4 | .. | 37901i |
| 71 | 3780 | 33.6 | + 8 44 | var. | var. | Md | 7 | R | 14170b |
| 72 | 3634 | 33.6 | + 2 31 | 8.6 | *8.9* | F2 | 3 | .. | 24025b |
| 73 | 3734 | 33.6 | + 1 59 | 8.5 | *8.6* | A2 | 5 | .. | 24025b |
| 74 | 3733 | 33.6 | + 1 15 | 9.1 | *10.2* | K2 | 3 | .. | 24025b |
| 75 | 4642 | 33.6 | − 7 57 | 9.4 | *9.2* | B0 | 2 | R | 17034b |
| 76 | 5144 | 33.6 | −14 47 | 9.9 | *9.8* | B5 | 2 | .. | 39406b |
| 77 | 5028 | 33.6 | −18 46 | 8.9 | *9.9* | K0 | 1 | .. | 38063b |
| 78 | 13318 | 33.6 | −25 35 | 9.2 | 8.8 | A2 | 4 | .. | 40326b |
| 79 | 12891 | 33.6 | −36 29 | 9.3 | 9.8 | F5 | 3 | .. | 40285b |
| 80 | 12665 | 33.6 | −45 1 | 10.3 | 10.3 | F5 | 2 | .. | 38141b |
| 81 | 12079 | 33.6 | −50 34 | 6.60 | 7.8 | G5 | 5 | .. | 36342b |
| 82 | 8789 | 33.6 | −55 24 | 8.6 | 9.8 | Ma | 3 | .. | 39457b |
| 83 | 8906 | 33.6 | −56 19 | *9.6* | 10.4 | G5 | 1 | .. | 39661b |
| 84 | 5938 | 33.6 | −62 15 | *9.2* | 9.3 | A2 | 2 | .. | 42464b |
| 85 | 4442 | 33.6 | −63 44 | *8.7* | 9.3 | G0 | 3 | .. | 42464b |
| 86 | 781 | 33.7 | +74 31 | 8.7 | *9.2* | F8 | 2 | .. | 38044i |
| 87 | 3027 | 33.7 | +43 8 | 6.26 | *6.40* | A5 | 8 | .. | 38500i |
| 88 | 3569 | 33.7 | +16 25 | 7.7 | *8.0* | F0 | 2 | .. | 37901i |
| 89 | 3864 | 33.7 | + 5 23 | 8.7 | *8.8* | A2 | 5 | .. | 14170b |
| 90 | 3823 | 33.7 | + 4 46 | 6.60 | *7.60* | K0 | 7 | .. | 14170b |
| 91 | 4714 | 33.7 | − 5 48 | 9.1 | *10.1* | K0 | 2 | .. | 19014b |
| **92** | 5089 | 33.7 | −21 0 | 9.2 | 9.1 | G5 | 3 | .. | 40616b |
| 93 | 13320 | 33.7 | −25 37 | 8.7 | 8.7 | A0 | 4 | .. | 40326b |
| 94 | 15815 | 33.7 | −31 20 | 8.7 | 9.8 | G0 | 4 | .. | 40291b |
| 95 | 13450 | 33.7 | −33 45 | 9.3 | 9.3 | G0 | 3 | .. | 40291b |
| 96 | 12816 | 33.7 | −35 15 | 7.68 | 9.0 | G5 | 6 | .. | 40291b |
| 97 | 12818 | 33.7 | −35 21 | 10.3 | 9.8 | A | 1 | .. | 40291b |
| 98 | 12892 | 33.7 | −36 11 | 10.1 | 9.3 | G0 | 5 | .. | 39272b |
| 99 | 1112 | 33.8 | +66 16 | 7.18 | *7.18* | A0 | 5 | 0,4 | 37907i |
| 100 | 3432 | 33.8 | +22 17 | 8.6 | *8.9* | F0 | 3 | .. | 37806i |



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## 172200

## $18^h\ 33^m.8$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3799 | 33.8 | + 9 42 | 9.2 | *10.0* | G5 | 2 | .. | 14170b |
| 2 | 4531 | 33.8 | − 4 11 | 8.7 | *9.2* | F8 | 5 | .. | 38111b |
| 3 | 5129 | 33.8 | −12 20 | 7.68 | *7.68* | Ao | 2 | .. | 44013b |
| 4 | 5221 | 33.8 | −20 50 | 9.7 | 9.7 | A2 | 3 | .. | 40616b |
| 5 | 12809 | 33.8 | −39 11 | 8.9 | 10.0 | G5 | 2 | .. | 40285b |
| 6 | 12810 | 33.8 | −39 29 | 9.9 | 10.5 | F5 | 2 | .. | 39272b |
| 7 | 12702 | 33.8 | −40 29 | 9.3 | 10.6 | A5 | 3 | .. | 39272b |
| 8 | 12452 | 33.8 | −47 21 | 9.2 | 10.3 | Ko | 3 | .. | 39665b |
| 9 | 12081 | 33.8 | −50 27 | 9.7 | 10.1 | K2 | 1 | .. | 39457b |
| 10 | 9266 | 33.8 | −53 14 | 8.0 | 9.2 | Ko | 7 | .. | 39457b |
| 11 | 3943 | 33.8 | −64 39 | 5.84 | 7.3 | Ko | .. | 0,9 | 28,213 |
| 12 | 3602 | 33.9 | +14 18 | 7.88 | *8.38* | F8 | 4 | .. | 37901i |
| 13 | *3873* | 33.9 | + 7 0 | 9.1 | *9.1* | Ao | 3 | .. | 14170b |
| 14 | 3736 | 33.9 | + 1 23 | 8.6 | *9.6* | Ko | 3 | .. | 24025b |
| 15 | 3531 | 33.9 | − 1 11 | 8.9 | *8.9* | B9 | 7 | .. | 24025b |
| 16 | 4685 | 33.9 | − 2 23 | 9.9 | *9.9* | Ao | 3 | .. | 24025b |
| 17 | 4668 | 33.9 | − 8 35 | 8.7 | *9.7* | Ko | 2 | .. | 19014b |
| 18 | 5062 | 33.9 | −13 53 | 9.9 | *10.4* | F8 | 1 | .. | 39406b |
| 19 | 13357 | 33.9 | −26 43 | 10.9 | 10.5 | Go | 1 | .. | 40326b |
| 20 | 13452 | 33.9 | −33 6 | 8.9 | 8.7 | Ao | 4 | .. | 40291b |
| 21 | 13020 | 33.9 | −34 51 | 10.8 | 10.1 | Ao | 1 | .. | 40291b |
| 22 | 12671 | 33.9 | −45 20 | 8.9 | 9.4 | K2 | 3 | .. | 38141b |
| 23 | 12668 | 33.9 | −48 11 | 6.44 | 8.0 | Ko | 8 | .. | 39665b |
| 24 | 12666 | 33.9 | −48 49 | 10.1 | 9.5 | Fo | 4 | .. | 39665b |
| 25 | 9267 | 33.9 | −53 26 | *9.9* | 10.4 | F8 | 1 | .. | 39457b |
| 26 | 664 | 33.9 | −83 32 | 6.58 | *6.58* | Ao | 7 | 0,10 | 43414b |
| 27 | 2730 | 34.0 | +48 46 | 7.71 | *7.79* | A3 | 4 | .. | 37997i |
| 28 | *3603* | 34.0 | +15 0 | 6.86 | *6.86* | Ao | 8 | .. | 37901i |
| 29 | 3539 | 34.0 | +11 26 | 8.7 | *8.8* | A5 | 4 | .. | 14170b |
| 30 | 3874 | 34.0 | + 6 11 | 7.07 | *7.21* | A5 | 9 | .. | 14170b |
| 31 | 3636 | 34.0 | + 2 21 | 8.6 | *8.6* | Ao | 4 | .. | 24025b |
| 32 | 3737 | 34.0 | + 1 26 | 8.9 | *10.0* | K2 | 3 | .. | 24025b |
| 33 | *3526* | 34.0 | + 0 1 | 8.20 | *8.76* | Go | 8 | .. | 24025b |
| 34 | 4686 | 34.0 | − 2 3 | 7.18 | *8.18* | Ko | 8 | .. | 24025b |
| 35 | 5049 | 34.0 | −15 15 | 9.4 | *10.6* | K5 | 1 | .. | 38079b |
| 36 | 5223 | 34.0 | −20 10 | 6.76 | 7.4 | A5 | 6 | 2,10- | 43327b |
| 37 | 5224 | 34.0 | −20 46 | 8.8 | 8.5 | F5 | 5 | .. | 40616b |
| 38 | 13454 | 34.0 | −33 57 | 7.16 | 7.6 | Ko | 7 | .. | 40291b |
| 39 | 12673 | 34.0 | −45 44 | 9.1 | 9.2 | G5 | 4 | .. | 39665b |
| 40 | 3159 | 34.0 | −68 38 | *8.8* | 9.1 | Fo | 2 | .. | 41442b |
| 41 | 698 | 34.1 | +77 11 | 9.3 | *10.1* | G5 | 2 | .. | 38044i |
| 42 | 3029 | 34.1 | +43 49 | 8.2 | *8.3* | A2 | 3 | .. | 37997i |
| 43 | 3180 | 34.1 | +37 41 | 7.21 | *8.39* | K5 | 3 | .. | 38500i |
| 44 | 3037 | 34.1 | +28 32 | 6.59 | *6.59* | Ao | 6 | .. | 38456i |
| 45 | 3434 | 34.1 | +22 27 | 8.5 | *9.5* | Ko | 2 | .. | 37806i |
| 46 | 3572 | 34.1 | +16 27 | 7.60 | *8.38* | G5 | 3 | .. | 37901i |
| 47 | 3800 | 34.1 | + 9 3 | 9.4 | *9.5* | A2 | 2 | .. | 14170b |
| 48 | 3878 | 34.1 | + 5 22 | 9.2 | *9.2* | B9 | 5 | .. | 14170b |
| 49 | 3637 | 34.1 | + 2 26 | 9.2 | *9.2* | Ao | 2 | .. | 24025b |
| 50 | 3527 | 34.1 | − 0 0 | 9.4 | *9.4* | Ao | 4 | .. | 24025b |
| 51 | 4337 | 34.1 | − 3 15 | 9.1 | *9.1* | B9 | 5 | .. | 24025b |
| 52 | *5132* | 34.1 | −11 58 | 8.7 | *8.5* | Bo | 2 | .. | 38079b |
| 53 | 5148 | 34.1 | −14 46 | 9.9 | *9.9* | B8 | 2 | 1,1 | 39406b |
| 54 | 5050 | 34.1 | −15 17 | 10.3 | *10.3* | B8 | 2 | .. | 38079b |
| 55 | 5090 | 34.1 | −21 3 | 8.3 | 7.9 | B9 | 5 | .. | 40616b |
| 56 | 4820 | 34.1 | −22 45 | 8.9 | 8.0 | B5 | 5 | .. | 40616b |
| 57 | 14577 | 34.1 | −24 24 | 10.7 | 10.4 | F5 | 2 | .. | 40616b |
| 58 | 15211 | 34.1 | −29 59 | 8.5 | 8.2 | Ao | 5 | .. | 40326b |
| 59 | 13455 | 34.1 | −33 18 | 8.9 | 9.0 | Ao | 3 | .. | 40291b |
| 60 | 12823 | 34.1 | −35 9 | 8.9 | 9.2 | Go | 5 | .. | 40291b |
| 61 | 13511 | 34.1 | −42 15 | 7.2 | 7.5 | Ao | 10 | .. | 40856b |
| 62 | 13509 | 34.1 | −42 56 | 10.6 | 10.0 | Ao | 3 | .. | 40856b |
| 63 | 12727 | 34.1 | −43 57 | 9.3 | 8.8 | Ao | 5 | .. | 40856b |
| 64 | 12543 | 34.1 | −46 52 | 11.0 | 10.9 | G5 | 1 | .. | 39665b |
| 65 | 12289 | 34.1 | −49 5 | 9.7 | 9.2 | F5 | 3 | .. | 39665b |
| 66 | 2300 | 34.1 | −72 55 | *7.2* | 7.5 | F2 | 9 | .. | 21336b |
| 67 | 1005 | 34.2 | +68 59 | 8.6 | *9.4* | G5 | 2 | .. | 38029i |
| 68 | 2408 | 34.2 | +51 48 | 8.1 | *9.3* | K5 | 1 | .. | 38559i |
| 69 | 3313 | 34.2 | +31 14 | 7.7 | *8.5* | G5 | 4 | .. | 37845i |
| 70 | 3875 | 34.2 | + 6 11 | 8.9 | *9.5* | Go | 3 | .. | 14170b |
| 71 | 3879 | 34.2 | + 5 30 | 9.2 | *9.2* | Ao | 4 | .. | 14170b |
| 72 | 3738 | 34.2 | + 1 18 | 9.7 | *10.3* | G | 1 | .. | 24025b |
| 73 | 3985 | 34.2 | + 0 15 | 9.1 | *10.1* | Ko | 2 | .. | 24025b |
| 74 | 4687 | 34.2 | − 2 44 | 9.7 | *10.0* | Fo | 3 | .. | 24025b |
| 75 | 4645 | 34.2 | − 7 27 | 9.4 | *9.2* | B3 | 1 | .. | 19014b |
| 76 | 5281 | 34.2 | −17 52 | 9.4 | *9.4* | B8 | 3 | .. | 14619b |
| 77 | 14578 | 34.2 | −24 15 | 10.7 | 10.5 | G | 2 | .. | 40616b |
| 78 | 14391 | 34.2 | −32 23 | 10.1 | 9.8 | G5 | 1 | .. | 40291b |
| 79 | 12780 | 34.2 | −37 45 | 8.9 | 10.1 | K5 | 3 | .. | 39272b |
| 80 | 12991 | 34.2 | −38 27 | 8.6 | 9.1 | Fo | 6 | .. | 40285b |
| 81 | 12814 | 34.2 | −39 11 | 7.5 | 9.4 | Ma | 7 | 5,4 | 39340b |
| 82 | 12816 | 34.2 | −39 48 | 8.3 | 9.1 | A2 | 5 | .. | 40285b |
| 83 | 13016 | 34.2 | −41 31 | 8.0 | 9.1 | F8 | 5 | .. | 40856b |
| 84 | 12544 | 34.2 | −46 38 | 11.0 | 11.0 | Ko | 1 | .. | 39665b |
| 85 | 12459 | 34.2 | −47 10 | 9.2 | 8.8 | B9 | 5 | .. | 39665b |
| 86 | 12084 | 34.2 | −50 31 | 9.7 | 9.2 | Fo | 4 | .. | 39457b |
| 87 | 9272 | 34.2 | −53 46 | 9.0 | 9.6 | Go | 6 | .. | 39457b |
| 88 | 3944 | 34.2 | −64 4 | *9.3* | 9.8 | F8 | 2 | .. | 42464b |
| 89 | 3590 | 34.3 | +25 10 | 7.71 | *7.99* | Fo | 7 | 5,4 | 37806i |
| 90 | 3802 | 34.3 | + 9 46 | 9.1 | *9.2* | A5 | 4 | .. | 14170b |
| 91 | 3786 | 34.3 | + 7 2 | 9.1 | *9.6* | F8 | 3 | .. | 14170b |
| 92 | 3876 | 34.3 | + 6 27 | 9.7 | *10.3* | Go | 1 | .. | 14170b |
| 93 | 5051 | 34.3 | −15 24 | 10.3 | *10.2* | B5 | 1 | .. | 38079b |
| 94 | 14600 | 34.3 | −23 47 | 10.7 | 9.8 | Ao | 2 | .. | 40616b |
| 95 | 13331 | 34.3 | −25 5 | 9.78 | 10.5 | G5 | 2 | .. | 40616b |
| 96 | 13068 | 34.3 | −27 38 | 9.7 | 9.3 | Fo | 5 | .. | 40326b |
| 97 | 15824 | 34.3 | −31 1 | 7.9 | 9.0 | A2 | 5 | .. | 40291b |
| 98 | 14395 | 34.3 | −32 7 | 8.3 | 8.5 | A2 | 6 | .. | 40291b |
| 99 | 12826 | 34.3 | −35 2 | 9.3 | 9.6 | Go | 2 | .. | 40291b |
| 100 | 12827 | 34.3 | −35 12 | 8.9 | 8.9 | Ao | 6 | .. | 40291b |



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| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12782 | 34.3 | −37 56 | var. | var. | Md | 3 | R | 39272b |
| 2 | 13517 | 34.3 | −42 42 | 8.3 | 8.5 | Ao | 8 | .. | 40856b |
| 3 | 12675 | 34.3 | −45 25 | 9.5 | 9.7 | F8 | 3 | .. | 38141b |
| 4 | 12672 | 34.3 | −48 44 | 9.5 | 8.6 | Ao | 6 | .. | 39665b |
| 5 | 11207 | 34.3 | −52 15 | *9.5* | 10.9 | Ma | 1 | .. | 39457b |
| 6 | *8914* | 34.3 | −55 59 | 8.2 | 8.9 | F5 | 6 | .. | 40463b |
| 7 | 899 | 34.4 | +71 15 | 9.0 | *9.1* | A2 | 3 | .. | 38029i |
| 8 | 2733 | 34.4 | +48 58 | 8.1 | *8.1* | Ao | 2 | .. | 38559i |
| 9 | 2747 | 34.4 | +45 34 | 8.1 | *8.4* | Fo | 2 | .. | 37997i |
| 10 | 3039 | 34.4 | +28 51 | 8.2 | *9.0* | G5 | 3 | .. | 38456i |
| 11 | 3038 | 34.4 | +28 13 | 8.4 | *9.4* | Ko | 1 | .. | 38456i |
| 12 | 3608 | 34.4 | +10 56 | 7.8 | *7.8* | Ao | 2 | .. | 37901i |
| 13 | 3790 | 34.4 | + 7 22 | 10.0 | *10.1* | A2 | 1 | .. | 14170b |
| 14 | 3878 | 34.4 | + 6 18 | 9.2 | *10.0* | G5 | 1 | .. | 14170b |
| 15 | 3739 | 34.4 | + 1 54 | 10.0 | *10.6* | G | 1 | .. | 24025b |
| 16 | 4536 | 34.4 | − 4 30 | 8.7 | *8.7* | B9 | 3 | .. | 38111b |
| 17 | 4702 | 34.4 | −11 12 | 7.18 | *7.74* | Go | 3 | .. | 44013b |
| 18 | *16024* | 34.4 | −29 59 | 10.2 | 9.3 | Ao | 2 | .. | 40326b |
| 19 | 13026 | 34.4 | −34 58 | 10.3 | 9.2 | B9 | 3 | .. | 40291b |
| 20 | 12828 | 34.4 | −35 59 | 9.3 | 9.5 | A2 | 3 | .. | 39272b |
| 21 | 12785 | 34.4 | −37 35 | 8.6 | 9.3 | Mb | 5 | .. | 39272b |
| 22 | 9015 | 34.4 | −54 30 | *9.3* | 10.4 | K2 | 2 | .. | 39457b |
| 23 | 1439 | 34.5 | +63 37 | 8.1 | *8.9* | G5 | 3 | .. | 37907i |
| 24 | 3183 | 34.5 | +37 21 | 8.0 | *8.0* | Ap | 2 | R | 38500i |
| 25 | 3040 | 34.5 | +28 36 | 8.0 | *8.3* | Fo | 2 | .. | 38456i |
| 26 | *3887* | 34.5 | + 6 2 | 9.1 | *10.1* | Ko | 1 | .. | 14170b |
| 27 | 3989 | 34.5 | + 0 3 | 8.23 | *9.23* | Ko | 7 | .. | 24025b |
| 28 | 4338 | 34.5 | − 3 13 | 9.1 | *9.2* | A2 | 5 | .. | 24025b |
| 29 | 4747 | 34.5 | −10 18 | 9.2 | *9.2* | Ao | 2 | .. | 19014b |
| 30 | 14581 | 34.5 | −24 12 | 10.0 | 9.3 | B9 | 4 | .. | 40616b |
| 31 | 15218 | 34.5 | −29 25 | 9.7 | 9.1 | A3 | 3 | .. | 40326b |
| 32 | 14396 | 34.5 | −32 0 | 9.7 | 10.2 | A2 | 3 | .. | 40291b |
| 33 | 13460 | 34.5 | −33 58 | 8.3 | 8.8 | A2 | 7 | .. | 40291b |
| 34 | 12819 | 34.5 | −39 20 | 8.3 | 8.2 | A2 | 7 | .. | 40285b |
| 35 | 12546 | 34.5 | −46 34 | 9.7 | 10.3 | Ko | 3 | .. | 39665b |
| 36 | 9019 | 34.5 | −54 5 | 8.2 | 9.6 | Ko | 6 | .. | 39457b |
| 37 | 8801 | 34.5 | −55 3 | 8.91 | 9.2 | A3 | 7 | .. | 39457b |
| 38 | 8916 | 34.5 | −56 38 | 8.6 | 10.2 | K2 | 1 | .. | 39661b |
| 39 | 591 | 34.6 | +79 44 | 8.11 | *8.89* | G5 | 3 | .. | 38512i |
| 40 | 699 | 34.6 | +77 28 | 5.84 | *6.84* | Ko | 8 | .. | 38044i |
| 41 | 2250 | 34.6 | +52 52 | 9.0 | *9.0* | Ao | 2 | .. | 38559i |
| 42 | 3480 | 34.6 | +24 33 | 8.0 | *8.4* | F5 | 2 | 0,5 | 37848i |
| 43 | *3640* | 34.6 | + 3 0 | 8.0 | *9.1* | K2 | 3 | E | 24025b |
| 44 | 3740 | 34.6 | + 1 21 | 8.6 | *9.0* | F5 | 5 | .. | 24025b |
| 45 | 3741 | 34.6 | + 1 12 | 8.7 | *9.8* | K2 | 3 | .. | 24025b |
| 46 | 3534 | 34.6 | − 1 23 | 8.6 | *8.7* | A2 | 8 | .. | 24025b |
| 47 | 4649 | 34.6 | − 7 15 | 9.7 | *9.7* | Ao | 2 | .. | 17034b |
| 48 | 4648 | 34.6 | − 7 53 | 6.08 | *7.08* | Ko | 9 | 2,3 | 17034b |
| 49 | 4670 | 34.6 | − 8 18 | 9.1 | *9.2* | A2 | 2 | .. | 19014b |
| 50 | 5064 | 34.6 | −13 10 | 8.7 | *9.8* | K2 | 2 | .. | 38080b |
| 51 | 5149 | 34.6 | −14 51 | 9.16 | *9.72* | Go | 2 | 0,1 | 39406b |
| 52 | 4974 | 34.6 | −16 10 | 9.7 | *9.7* | B8 | 2 | 1,1 | 38079b |
| 53 | 4824 | 34.6 | −22 14 | 10.6 | 10.9 | K | 1 | .. | 40616b |
| 54 | 13341 | 34.6 | −25 6 | 9.25 | 9.0 | Ao | 4 | .. | 40616b |
| 55 | 15220 | 34.6 | −29 24 | 9.5 | 9.0 | Ao | 3 | .. | 40326b |
| 56 | 16026 | 34.6 | −30 37 | 7.7 | 8.4 | K2 | 6 | 0,4 | 40291b |
| 57 | 14400 | 34.6 | −32 48 | 9.3 | 8.7 | A5 | 3 | .. | 40291b |
| 58 | 12907 | 34.6 | −36 24 | 7.9 | 9.5 | K2 | 3 | .. | 40285b |
| 59 | 12908 | 34.6 | −36 51 | 9.7 | 9.9 | A2 | 1 | .. | 39272b |
| 60 | 9018 | 34.6 | −54 35 | 8.5 | 9.6 | G5 | 6 | .. | 39457b |
| 61 | 3160 | 34.7 | +33 12 | 8.8 | *9.4* | G | 1 | .. | 37845i |
| 62 | 3253 | 34.7 | +30 40 | 9.1 | *9.1* | A | 1 | .. | 38456i |
| 63 | 3482 | 34.7 | +24 12 | 8.6 | *9.4* | G5 | 2 | E | 37806i |
| 64 | 3877 | 34.7 | +20 47 | 8.6 | *9.0* | F5 | 2 | E | 37806i |
| 65 | 3891 | 34.7 | + 5 10 | 6.30 | *6.86* | Gop | 7 | 0,9 R | 38022i |
| 66 | 4690 | 34.7 | − 2 8 | 9.7 | *9.7* | Ao | 3 | .. | 24025b |
| 67 | 4650 | 34.7 | − 7 20 | 9.7 | *9.5* | Bo | 2 | .. | 17034b |
| 68 | 5150 | 34.7 | −14 39 | 9.7 | *10.8* | K2 | 1 | .. | 39406b |
| 69 | 5227 | 34.7 | −20 39 | 9.7 | 9.7 | A5 | 2 | .. | 40616b |
| 70 | 5096 | 34.7 | −21 35 | 8.7 | 8.2 | B9 | 6 | .. | 40616b |
| 71 | 5097 | 34.7 | −21 45 | 8.7 | 8.8 | F8 | 4 | .. | 40616b |
| 72 | 14605 | 34.7 | −23 14 | 10.9 | 10.3 | Ao | 2 | .. | 40616b |
| 73 | 15832 | 34.7 | −31 10 | 7.9 | 8.4 | B8 | 6 | .. | 40291b |
| 74 | 12910 | 34.7 | −36 20 | 10.3 | 9.8 | A3 | 2 | .. | 40285b |
| 75 | 12715 | 34.7 | −40 28 | 9.9 | 9.4 | F2 | 3 | .. | 40285b |
| 76 | 8918 | 34.7 | −56 23 | 8.8 | 9.2 | Fo | 3 | .. | 40463b |
| 77 | 9165 | 34.7 | −57 36 | 8.8 | 9.6 | G5 | 2 | .. | 40463b |
| 78 | 3590 | 34.7 | −67 2 | *9.8* | 9.8 | A | 1 | .. | 41442b |
| 79 | 2516 | 34.8 | +46 3 | 7.30 | *7.64* | F2 | 4 | .. | 37997i |
| 80 | 3476 | 34.8 | +39 35 | 6.14 | *7.49* | Mb | 6 | .. | 38500i |
| 81 | 3255 | 34.8 | +30 22 | 7.31 | *8.66* | Ma | 1 | .. | 38456i |
| 82 | 3069 | 34.8 | +27 46 | 9.0 | *9.5* | F8 | 2 | .. | 38456i |
| 83 | 3673 | 34.8 | +17 59 | 7.9 | *9.0* | K2 | 3 | .. | 19372i |
| 84 | 3789 | 34.8 | + 8 53 | 9.7 | *9.7* | Ao | 1 | .. | 14170b |
| 85 | 3796 | 34.8 | + 7 12 | 9.4 | *9.4* | Ao | 2 | .. | 14170b |
| 86 | 4717 | 34.8 | − 5 52 | 8.9 | *9.7* | G5 | 4 | .. | 17034b |
| 87 | 5056 | 34.8 | −15 35 | 9.4 | *9.4* | Ao | 3 | 1,3 | 14619b |
| 88 | 14863 | 34.8 | −28 21 | 7.98 | 9.0 | Ko | 4 | .. | 40326b |
| 89 | 13033 | 34.8 | −34 29 | 9.9 | 9.5 | Fo | 3 | .. | 40291b |
| 90 | 8921 | 34.8 | −56 5 | 9.0 | 10.6 | Go | 2 | .. | 39661b |
| 91 | 2020 | 34.9 | +54 44 | 7.66 | *8.66* | Ko | 4 | .. | 38559i |
| 92 | 2667 | 34.9 | +47 53 | 7.80 | *7.80* | Ao | 3 | .. | 37997i |
| 93 | 3123 | 34.9 | +42 35 | 8.7 | *9.5* | G5 | 1 | .. | 37997i |
| 94 | 3319 | 34.9 | +35 58 | 7.20 | *7.34* | A5 | 6 | .. | 37845i |
| 95 | 3321 | 34.9 | +31 22 | 8.0 | *9.1* | K2 | 1 | .. | 38456i |
| 96 | 3320 | 34.9 | +31 5 | 8.6 | *8.6* | Ao | 3 | .. | 37845i |
| 97 | 3879 | 34.9 | +20 25 | 7.45 | *7.40* | B8 | 4 | 2,6 | 37848i |
| 98 | 3546 | 34.9 | +11 41 | 9.1 | *9.5* | F5 | 3 | .. | 14170b |
| 99 | 3547 | 34.9 | +11 28 | 8.7 | *9.7* | Ko | 1 | .. | 14170b |
| 100 | 3545 | 34.9 | +11 17 | 9.0 | *9.0* | Ao | 4 | .. | 14170b |



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1922AnHar..97....1C



## 172400 — $18^h\ 34^m.9$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3791 | 34.9 | + 8 39 | 7.06 | *8.06* | Ko | 8 | .. | 14170b |
| 2 | 3881 | 34.9 | + 6 44 | 9.4 | *9.5* | A2 | 2 | .. | 14170b |
| 3 | 4790 | 34.9 | − 9 14 | 8.5 | *8.5* | B8 | 4 | .. | 19014b |
| 4 | 5228 | 34.9 | −20 36 | 9.4 | 9.1 | Go | 3 | .. | 40616b |
| 5 | 4826 | 34.9 | −22 24 | 9.4 | 9.7 | Ao | 3 | .. | 40616b |
| 6 | 13369 | 34.9 | −26 16 | 10.7 | 10.4 | Ao | 1 | .. | 40326b |
| 7 | 13371 | 34.9 | −26 50 | 8.1 | 8.5 | F5 | 6 | .. | 40326b |
| 8 | 13471 | 34.9 | −33 23 | 8.9 | 8.5 | B9 | 5 | .. | 40291b |
| 9 | 12788 | 34.9 | −37 0 | 9.3 | 10.1 | Ma | 1 | .. | 39272b |
| 10 | 12824 | 34.9 | −39 6 | 10.3 | 11.0 | A2 | 2 | .. | 39272b |
| 11 | 12823 | 34.9 | −39 47 | 8.3 | 9.1 | G5 | 5 | .. | 40285b |
| 12 | 12812 | 34.9 | −44 1 | 7.9 | 8.5 | Ko | 5 | .. | 40856b |
| 13 | 12811 | 34.9 | −44 24 | 10.6 | 10.9 | G5 | 1 | .. | 38141b |
| 14 | 12814 | 34.9 | −44 35 | 9.5 | 9.1 | A2 | 5 | 0,4 | 38141b |
| 15 | 12551 | 34.9 | −46 50 | 11.0 | 11.4 | Ko | 1 | .. | 39665b |
| 16 | 12467 | 34.9 | −47 51 | 6.76 | 7.1 | F5 | 9 | .. | 39665b |
| 17 | 12674 | 34.9 | −48 32 | 9.5 | 9.2 | G5 | 3 | .. | 39665b |
| 18 | 12090 | 34.9 | −50 2 | 9.9 | 9.3 | F2 | 3 | .. | 39457b |
| 19 | 8805 | 34.9 | −55 7 | 8.7 | 9.0 | Ao | 8 | .. | 39457b |
| 20 | 6223 | 34.9 | −61 34 | 8.5 | 7.8 | Fo | 6 | .. | 42464b |
| 21 | 3880 | 35.0 | +20 50 | 7.54 | *7.49* | B8 | 5 | 2,7 | 37848i |
| 22 | 3548 | 35.0 | +11 46 | 7.9 | *9.0* | K2 | 3 | .. | 14170b |
| 23 | 3797 | 35.0 | + 7 48 | 8.5 | *8.9* | F5 | 3 | .. | 14170b |
| 24 | 3798 | 35.0 | + 7 16 | 6.36 | *7.36* | Ko | 6 | 5,10 | 38022i |
| 25 | 3769 | 35.0 | + 3 15 | 8.6 | *8.6* | Ao | 5 | E | 24025b |
| 26 | 3743 | 35.0 | + 1 12 | 7.84 | *8.18* | F2 | 7 | .. | 24025b |
| 27 | 4749 | 35.0 | −10 48 | 8.9 | *8.7* | B2 | 2 | .. | 38079b |
| 28 | 5137 | 35.0 | −12 48 | 9.4 | *10.0* | Go | 3 | .. | 38080b |
| 29 | 5058 | 35.0 | −15 32 | 9.9 | *9.9* | B8 | 2 | 2,1 | 39406b |
| 30 | 5057 | 35.0 | −15 36 | 10.3 | *10.3* | Ao | 1 | .. | 39406b |
| 31 | 14869 | 35.0 | −28 26 | 7.7 | 7.9 | B8 | 6 | .. | 40326b |
| 32 | 12470 | 35.0 | −47 46 | 8.6 | 8.2 | Ao | 7 | .. | 39665b |
| 33 | 11723 | 35.0 | −51 51 | 10.6 | 10.1 | Ao | 3 | .. | 39457b |
| 34 | 546 | 35.1 | +82 38 | 8.19 | *9.19* | Ko | 3 | .. | 37820i |
| 35 | 3883 | 35.1 | + 6 3 | 8.6 | *8.7* | A2 | 5 | .. | 14170b |
| 36 | 5067 | 35.1 | −13 36 | 8.3 | *9.4* | K2 | 3 | .. | 38080b |
| 37 | 14590 | 35.1 | −24 42 | 10.4 | 9.6 | Ao | 2 | .. | 40616b |
| 38 | 13347 | 35.1 | −25 32 | 10.2 | 9.3 | Ao | 3 | .. | 40326b |
| 39 | 13087 | 35.1 | −27 58 | 9.7 | 10.8 | K2 | 1 | .. | 40326b |
| 40 | 14871 | 35.1 | −28 3 | 7.5 | 9.9 | K2 | 2 | .. | 40326b |
| 41 | 13526 | 35.1 | −42 0 | 7.2 | 8.5 | G5 | 8 | .. | 40856b |
| 42 | 12742 | 35.1 | −43 42 | 8.3 | 9.1 | Ko | 4 | .. | 40856b |
| 43 | 12554 | 35.1 | −46 54 | 10.6 | 11.1 | G5 | 1 | .. | 39665b |
| 44 | 11724 | 35.1 | −51 19 | 9.2 | 9.5 | G5 | 4 | .. | 39457b |
| 45 | 11210 | 35.1 | −52 34 | 8.1 | 8.3 | A2 | 8 | .. | 39457b |
| 46 | 11211 | 35.1 | −52 45 | *9.4* | 9.8 | F5 | 3 | .. | 39457b |
| 47 | 8807 | 35.1 | −55 52 | 7.4 | 8.7 | F5 | 7 | .. | 40463b |
| 48 | 3947 | 35.1 | −64 34 | *8.7* | 9.2 | F8 | 3 | .. | 42464b |
| 49 | 3479 | 35.2 | +39 20 | 7.8 | *7.8* | Ao | 2 | .. | 38500i |
| 50 | 3809 | 35.2 | + 9 53 | 8.01 | *9.36* | Mb | 5 | .. | 14170b |
| 51 | 3793 | 35.2 | + 8 43 | 10.0 | *10.5* | F8 | 1 | .. | 14170b |
| 52 | 3529 | 35.2 | − 0 56 | 8.9 | *9.2* | F2 | 5 | .. | 24025b |
| 53 | 4719 | 35.2 | − 5 48 | 8.3 | *9.3* | Ko | 5 | .. | 17034b |
| 54 | 5122 | 35.2 | −19 38 | 9.4 | 10.0 | K5 | 1 | .. | 38063b |
| 55 | 5121 | 35.2 | −19 52 | 10.1 | 9.4 | A | 2 | .. | 38063b |
| 56 | 14618 | 35.2 | −23 9 | 10.4 | 10.3 | F | 2 | .. | 38105b |
| 57 | 14617 | 35.2 | −23 51 | 10.0 | 10.9 | Ko | 1 | .. | 40616b |
| 58 | 13088 | 35.2 | −27 43 | 10.4 | 10.8 | G5 | 1 | .. | 40326b |
| 59 | 14873 | 35.2 | −28 13 | 10.2 | 9.3 | B9 | 4 | .. | 40326b |
| 60 | 15231 | 35.2 | −29 34 | 10.2 | 9.6 | Ao | 1 | .. | 40326b |
| 61 | 12837 | 35.2 | −35 41 | 8.9 | 10.1 | Mb | 2 | .. | 39272b |
| 62 | 12817 | 35.2 | −44 20 | 9.2 | 9.1 | Fo | 6 | 0,4 | 38141b |
| 63 | 12677 | 35.2 | −48 17 | 11.0 | 10.4 | Go | 1 | .. | 39665b |
| 64 | 11725 | 35.2 | −51 51 | 9.5 | 9.8 | Ro | 3 | .. | 39457b |
| 65 | 9025 | 35.2 | −54 27 | *9.6* | 10.7 | K2 | 1 | .. | 39457b |
| 66 | 3592 | 35.2 | −67 57 | *8.6* | 9.6 | Ko | 2 | .. | 41598b |
| 67 | 2108 | 35.3 | +53 5 | 8.3 | *8.8* | F8 | 3 | .. | 38559i |
| 68 | 2410 | 35.3 | +51 51 | 7.8 | *8.9* | K2 | 3 | .. | 38559i |
| 69 | 2519 | 35.3 | +46 43 | 8.50 | *9.57* | K2 | 1 | .. | 37997i |
| 70 | 3172 | 35.3 | +32 8 | 8.1 | *9.3* | K5 | 3 | .. | 37845i |
| 71 | *3606* | 35.3 | +15 0 | 7.39 | *7.45* | A2 | 5 | .. | 37901i |
| 72 | 3799 | 35.3 | + 7 40 | 7.7 | *8.8* | K2 | 3 | .. | 14170b |
| 73 | 3885 | 35.3 | + 6 31 | 8.7 | *9.9* | K5 | 1 | .. | 14170b |
| 74 | 4694 | 35.3 | − 2 21 | 9.4 | *10.0* | Go | 3 | .. | 24025b |
| 75 | 5152 | 35.3 | −14 36 | 8.5 | *9.5* | Ko | 3 | .. | 38080b |
| 76 | *5059* | 35.3 | −14 59 | 8.81 | *8.89* | A3 | 4 | .. | 38080b |
| 77 | 4981 | 35.3 | −16 38 | 9.1 | *9.1* | Ao | 3 | 0,3 | 39406b |
| 78 | 4979 | 35.3 | −16 46 | 9.7 | *9.7* | Ao | 1 | .. | 39406b |
| 79 | 5123 | 35.3 | −19 43 | 9.2 | 8.8 | Ao | 2 | .. | 14619b |
| 80 | 14592 | 35.3 | −24 1 | 10.4 | 9.7 | Ao | 3 | .. | 40616b |
| 81 | 14878 | 35.3 | −28 3 | 8.3 | 9.0 | Go | 4 | .. | 40326b |
| 82 | 15233 | 35.3 | −29 3 | 9.3 | 8.5 | Ao | 4 | .. | 40326b |
| 83 | 15848 | 35.3 | −31 16 | 8.0 | 8.8 | G5 | 4 | .. | 40291b |
| 84 | 14412 | 35.3 | −32 23 | 8.9 | 8.7 | F5 | 4 | .. | 40291b |
| 85 | 12827 | 35.3 | −39 42 | 8.6 | 9.1 | A5 | 6 | .. | 40285b |
| 86 | 12745 | 35.3 | −43 39 | 8.4 | 8.5 | Ao | 8 | .. | 40856b |
| 87 | 8808 | 35.3 | −55 38 | *9.7* | 10.7 | Ko | 1 | .. | 39661b |
| 88 | 4675 | 35.4 | − 8 49 | 7.9 | *7.7* | Bp | 6 | R | 19014b |
| 89 | 5124 | 35.4 | −19 34 | 8.8 | 8.8 | Ao | 4 | .. | 14619b |
| 90 | 14622 | 35.4 | −23 18 | 10.4 | 9.8 | B9 | 3 | .. | 40616b |
| 91 | 13351 | 35.4 | −25 5 | 8.35 | 9.3 | Ko | 3 | .. | 40616b |
| 92 | 14880 | 35.4 | −28 30 | 10.4 | 10.4 | Ao | 1 | .. | 40326b |
| 93 | 12476 | 35.4 | −47 28 | 10.1 | 10.3 | A3 | 2 | .. | 39665b |
| 94 | 11213 | 35.4 | −52 58 | 7.7 | 7.8 | A2 | 9 | .. | 39457b |
| 95 | 7348 | 35.4 | −59 5 | 8.4 | 9.0 | Ko | 5 | .. | 40463b |
| 96 | 2302 | 35.4 | −72 6 | *9.0* | 9.8 | G5 | 3 | .. | 42526b |
| 97 | 968 | 35.4 | −79 28 | *9.0* | 10.0 | Ko | 3 | .. | 42793b |
| 98 | 3310 | 35.5 | +29 26 | 8.7 | *9.8* | K2 | 2 | .. | 38456i |
| 99 | 3319 | 35.5 | +26 30 | 7.7 | *8.0* | Fo | 3 | .. | 38456i |
| 100 | 3594 | 35.5 | +25 47 | 8.6 | *8.6* | Ao | 2 | .. | 38456i |



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1922AnHar..97....1C



## 172500 — $18^h\ 35^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3736 | 35.5 | +19 59 | 8.35 | *8.33* | B9 | 2 | .. | 19372i |
| 2 | 3679 | 35.5 | +17 30 | 7.6 | *8.6* | Ko | 3 | .. | 37901i |
| 3 | 3607 | 35.5 | +14 4 | 7.7 | *7.8* | A5 | 1 | .. | 37901i |
| 4 | 3814 | 35.5 | + 9 36 | 8.5 | *8.9* | F5 | 4 | .. | 14170b |
| 5 | 3907 | 35.5 | + 5 56 | 9.1 | *9.1* | Ao | 2 | .. | 14170b |
| 6 | 3646 | 35.5 | + 2 36 | 7.8 | *8.1* | F2 | 6 | 3,3- | 24025b |
| 7 | 4696 | 35.5 | − 2 48 | 9.9 | *10.9* | Ko | 1 | .. | 24025b |
| 8 | 4547 | 35.5 | − 4 36 | 7.50 | *8.50* | Ko | 4 | .. | 38111b |
| 9 | 4721 | 35.5 | − 5 27 | 8.7 | *9.3* | Go | 3 | .. | 17034b |
| 10 | 5153 | 35.5 | −14 51 | 8.81 | *8.62* | B2 | 4 | .. | 38080b |
| 11 | 5288 | 35.5 | −17 10 | 8.1 | *9.5* | Ma | 2 | 0,1 | 39406b |
| 12 | 15849 | 35.5 | −31 35 | 7.42 | 8.1 | Ko | 7 | .. | 40291b |
| 13 | 13042 | 35.5 | −34 34 | 7.9 | 8.7 | G5 | 5 | .. | 40291b |
| 14 | 13005 | 35.5 | −38 44 | 9.9 | 10.6 | A2 | 3 | .. | 39272b |
| 15 | 12829 | 35.5 | −39 5 | 8.6 | 10.5 | K2 | 3 | .. | 39272b |
| 16 | 12727 | 35.5 | −40 41 | 9.3 | 9.4 | F2 | 2 | .. | 40285b |
| 17 | 12679 | 35.5 | −48 55 | 7.7 | 7.7 | Ko | 6 | .. | 39665b |
| 18 | 8811 | 35.5 | −55 21 | 9.0 | 9.3 | G5 | 7 | .. | 39457b |
| 19 | 8926 | 35.5 | −56 28 | 7.7 | 8.2 | F2 | 7 | .. | 40463b |
| 20 | 1008 | 35.6 | +68 22 | 8.9 | *10.0* | K2 | 1 | .. | 38029i |
| 21 | 3816 | 35.6 | + 9 36 | 8.5 | *8.8* | Fo | 5 | .. | 14170b |
| 22 | 3797 | 35.6 | + 8 46 | 7.07 | *7.13* | A2 | 10 | .. | 14170b |
| 23 | *3650* | 35.6 | + 3 2 | 8.9 | *9.0* | A5 | 4 | E | 24025b |
| 24 | 3537 | 35.6 | − 1 13 | 9.7 | *10.1* | F5 | 2 | .. | 24025b |
| 25 | 3535 | 35.6 | − 1 55 | 10.4 | *11.5* | K2 | 2 | .. | 24025b |
| 26 | 4347 | 35.6 | − 3 7 | 8.9 | *9.3* | F5 | 4 | .. | 24025b |
| 27 | 4548 | 35.6 | − 4 11 | var. | var. | B8 | 3 | 5,4R | 24025b |
| 28 | 4676 | 35.6 | − 8 16 | 9.4 | *9.4* | B8 | 3 | .. | 17034b |
| 29 | 4706 | 35.6 | −11 7 | 9.7 | *9.7* | B8 | 1 | .. | 39406b |
| 30 | 5071 | 35.6 | −13 58 | 7.9 | *7.9* | Ao | 6 | 0,2 | 38080b |
| 31 | 13352 | 35.6 | −25 16 | 10.0 | 10.2 | Ko | 1 | .. | 40616b |
| 32 | 13098 | 35.6 | −27 6 | 8.3 | 8.8 | Fo | 5 | .. | 40326b |
| 33 | 13097 | 35.6 | −27 33 | 8.1 | 8.1 | B5 | 6 | .. | 40326b |
| 34 | 14882 | 35.6 | −28 25 | 9.2 | 9.9 | Go | 1 | .. | 40326b |
| 35 | 14416 | 35.6 | −32 28 | 7.5 | 7.5 | B8 | 8 | .. | 40291b |
| 36 | 13045 | 35.6 | −34 9 | 8.9 | 9.2 | F8 | 4 | .. | 40291b |
| 37 | 12832 | 35.6 | −39 3 | 10.3 | 10.5 | A5 | 2 | .. | 39272b |
| 38 | 12681 | 35.6 | −48 29 | 9.0 | 8.9 | G5 | 4 | .. | 39665b |
| 39 | 12097 | 35.6 | −50 38 | 9.2 | 9.2 | Ko | 4 | .. | 39457b |
| 40 | 11215 | 35.6 | −52 36 | 9.0 | 9.3 | F8 | 5 | .. | 39457b |
| 41 | 3489 | 35.7 | +24 54 | 8.46 | *9.46* | Ko | 1 | .. | 38456i |
| 42 | 3580 | 35.7 | +16 28 | 7.9 | *8.0* | A3 | 2 | .. | 37901i |
| 43 | 3553 | 35.7 | +11 59 | 7.03 | *7.03* | Ao | 7 | .. | 37901i |
| 44 | 3991 | 35.7 | + 0 56 | 8.39 | *8.34* | B8 | 6 | .. | 24025b |
| 45 | 5037 | 35.7 | −18 5 | 8.7 | *9.3* | G | 3 | .. | 14619b |
| 46 | 14625 | 35.7 | −23 56 | 6.14 | 6.6 | A2 | .. | 0,9- | 56,143 |
| 47 | 14599 | 35.7 | −24 28 | 8.0 | 7.9 | Fo | 6 | 0,4 | 40616b |
| 48 | 13388 | 35.7 | −26 23 | 8.1 | 9.3 | G5 | 4 | .. | 40326b |
| 49 | 13480 | 35.7 | −33 46 | 10.6 | 9.3 | Ao | 3 | .. | 39273b |
| 50 | 13008 | 35.7 | −38 23 | 9.2 | 9.4 | Fo | 3 | .. | 40285b |
| 51 | 11727 | 35.7 | −51 9 | 9.3 | 9.8 | Ko | 2 | .. | 39457b |
| 52 | 11728 | 35.7 | −51 44 | var. | var. | Ao | 4 | R | 39457b |
| 53 | 11218 | 35.7 | −52 9 | *9.5* | 10.9 | Mb | .. | .. | M |
| 54 | 9033 | 35.7 | −54 23 | 8.5 | 9.2 | Fo | 7 | .. | 39457b |
| 55 | 3948 | 35.7 | −64 58 | 4.90 | *4.96* | A2 | .. | .. | 28,213 |
| 56 | 1276 | 35.8 | +64 59 | 8.30 | *8.30* | Ao | 2 | .. | 37907i |
| 57 | 1441 | 35.8 | +63 16 | 8.1 | *8.9* | G5 | 1 | .. | 37907i |
| 58 | 3704 | 35.8 | +13 16 | 7.5 | *8.1* | Go | 3 | .. | 37901i |
| 59 | 3886 | 35.8 | + 6 12 | 8.9 | *10.1* | K5 | 2 | .. | 14170b |
| 60 | 4677 | 35.8 | − 8 25 | 9.4 | *9.9* | F8 | 3 | .. | 17034b |
| 61 | 4791 | 35.8 | − 9 32 | 9.1 | *9.6* | F8 | 2 | .. | 19014b |
| 62 | 4984 | 35.8 | −16 5 | 9.2 | *10.3* | K2 | 2 | 0,1 | 38079b |
| 63 | 13102 | 35.8 | −27 27 | 10.7 | 9.9 | A2 | 2 | .. | 40326b |
| 64 | 15244 | 35.8 | −29 42 | 8.7 | 8.5 | B9 | 6 | .. | 40326b |
| 65 | 16066 | 35.8 | −30 44 | 9.5 | 9.0 | A2 | 4 | *2,3* | 40291b |
| 66 | 13047 | 35.8 | −34 50 | 10.6 | 9.8 | Ao | 3 | .. | 39273b |
| 67 | 12697 | 35.8 | −45 8 | 10.6 | 10.6 | K2 | 1 | .. | 38141b |
| 68 | 12562 | 35.8 | −46 0 | 9.1 | 9.2 | Go | 5 | .. | 39665b |
| 69 | 1283 | 35.9 | +65 24 | 6.00 | *6.08* | A3 | 9 | .. | 37907i |
| 70 | 3165 | 35.9 | +33 47 | 8.8 | *8.8* | Ao | 2 | .. | 37845i |
| 71 | 3741 | 35.9 | +19 37 | 8.05 | *8.05* | Ao | 2 | .. | 19372b |
| 72 | 3888 | 35.9 | + 6 25 | 10.4 | *10.4* | Ao | 1 | .. | 14170b |
| 73 | 3746 | 35.9 | + 1 59 | 9.2 | *9.2* | Ao | 3 | .. | 24025b |
| 74 | 4756 | 35.9 | −10 30 | 8.5 | *9.6* | K2 | 3 | 0,3- | 38079b |
| 75 | 13394 | 35.9 | −26 18 | 10.7 | 10.2 | Ao | 2 | .. | 40326b |
| 76 | 15245 | 35.9 | −29 15 | 9.2 | 9.3 | B9 | 2 | .. | 40326b |
| 77 | 12847 | 35.9 | −35 15 | 8.3 | 9.3 | K2 | 3 | .. | 39273b |
| 78 | 12848 | 35.9 | −35 21 | 9.3 | 9.5 | F8 | 3 | .. | 39273b |
| 79 | 12836 | 35.9 | −39 23 | 7.09 | 7.1 | B8 | 8 | .. | 40285b |
| 80 | 12480 | 35.9 | −47 13 | 9.3 | 9.7 | F8 | 3 | .. | 39665b |
| 81 | 12298 | 35.9 | −49 6 | 10.3 | 10.1 | K2 | 1 | .. | 39665b |
| 82 | 12100 | 35.9 | −50 15 | 9.2 | 9.2 | Go | 3 | .. | 39457b |
| 83 | 7352 | 35.9 | −59 21 | 8.5 | 8.7 | Ao | 6 | .. | 40463b |
| 84 | 5951 | 35.9 | −62 31 | *8.5* | 8.8 | Fo | 3 | .. | 42464b |
| 85 | 3324 | 36.0 | +35 16 | 9.0 | *9.3* | F | 1 | .. | 37845i |
| 86 | 3491 | 36.0 | +24 36 | 8.0 | *9.0* | Ko | 2 | .. | 37848i |
| 87 | 3617 | 36.0 | +10 52 | 7.63 | *7.61* | B9 | 4 | .. | 37901i |
| 88 | 3799 | 36.0 | + 8 41 | 7.22 | *7.30* | A3 | 10 | .. | 14170b |
| 89 | 3910 | 36.0 | + 5 17 | 10.0 | *10.1* | A2 | 1 | .. | 40333b |
| 90 | 3652 | 36.0 | + 2 56 | 8.7 | *9.8* | K2 | 2 | E | 24025b |
| 91 | 3538 | 36.0 | − 1 27 | 10.4 | *10.4* | Ao | 2 | .. | 24025b |
| 92 | 4352 | 36.0 | − 3 13 | 9.4 | *10.4* | Ko | 2 | .. | 24025b |
| 93 | 4351 | 36.0 | − 3 55 | 8.5 | *9.6* | K2 | 4 | 0,3 | 38111b |
| 94 | 5156 | 36.0 | −14 40 | 6.50 | *6.92* | F5 | 3 | *3,9* | 44013b |
| 95 | 5131 | 36.0 | −19 12 | 8.9 | 8.8 | A3 | 4 | .. | 14619b |
| 96 | 5232 | 36.0 | −20 4 | 9.03 | 10.3 | K2 | 2 | .. | 38063b |
| 97 | 5104 | 36.0 | −21 25 | 8.5 | 9.2 | Ko | 4 | .. | 40616b |
| 98 | 14604 | 36.0 | −24 8 | 8.1 | 11.3 | K | 1 | .. | 40616b |
| 99 | 14892 | 36.0 | −28 33 | 10.2 | 11.0 | Ko | 1 | .. | 40326b |
| 100 | 15863 | 36.0 | −31 40 | 10.4 | 10.5 | Ao | 1 | .. | 39273b |



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1922AnHar..97....1C



## 172600 — 18h 36m.0

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 13488 | 36.0 | −33 44 | 7.9 | 9.0 | K2 | 3 | .. | 39273b |
| 2 | 12797 | 36.0 | −37 38 | 10.6 | 9.9 | A2 | 2 | .. | 39272b |
| 3 | 12839 | 36.0 | −39 28 | 7.9 | 9.7 | K2 | 3 | .. | 40285b |
| 4 | 12758 | 36.0 | −43 29 | 10.3 | 10.6 | A3 | 2 | .. | 38141b |
| 5 | 12699 | 36.0 | −45 53 | var. | var. | Mb | 3 | 0,3 R | 39665b |
| 6 | 12481 | 36.0 | −47 6 | 9.1 | 9.1 | Fo | 5 | .. | 39665b |
| 7 | 12482 | 36.0 | −47 16 | 8.5 | 8.8 | F8 | 5 | .. | 39665b |
| 8 | 12101 | 36.0 | −50 16 | 9.9 | 9.8 | F8 | 2 | .. | 39457b |
| 9 | 9035 | 36.0 | −54 10 | *8.9* | 9.9 | Ko | 3 | .. | 39457b |
| 10 | 8815 | 36.0 | −55 38 | *9.7* | 10.7 | Ko | 1 | .. | 39661b |
| 11 | 852 | 36.1 | +72 18 | 7.34 | *8.34* | Ko | 6 | .. | 38029i |
| 12 | 2109 | 36.1 | +53 47 | 8.7 | *9.2* | F8 | 3 | .. | 38559i |
| 13 | 3193 | 36.1 | +37 26 | 7.7 | *8.9* | K5 | 1 | .. | 38500i |
| 14 | 3911 | 36.1 | + 5 27 | 10.0 | *10.5* | F8 | 3 | .. | 40333b |
| 15 | 3539 | 36.1 | − 1 55 | 8.37 | *8.45* | A3 | 7 | .. | 24025b |
| 16 | 4701 | 36.1 | − 2 34 | 9.4 | *9.8* | F5 | 6 | .. | 24025b |
| 17 | 4353 | 36.1 | − 3 53 | 9.7 | *9.8* | A5 | 4 | 5,3 | 38111b |
| 18 | 4679 | 36.1 | − 8 37 | 9.1 | *9.4* | Fo | 5 | .. | 17034b |
| 19 | 4709 | 36.1 | −11 28 | 8.7 | *9.3* | Go | 4 | .. | 38080b |
| 20 | 5142 | 36.1 | −12 13 | 9.4 | *9.4* | Ao | 1 | .. | 38080b |
| 21 | 4985 | 36.1 | −16 54 | 9.1 | *9.7* | Go | 3 | *2,2* | 38079b |
| 22 | 14633 | 36.1 | −23 14 | 9.7 | 8.8 | Ao | 4 | .. | 40616b |
| 23 | 14634 | 36.1 | −23 23 | 7.4 | 8.8 | K2 | 4 | .. | 40616b |
| 24 | 13397 | 36.1 | −26 23 | 10.2 | 9.6 | Go | 2 | .. | 40326b |
| 25 | 15867 | 36.1 | −31 10 | 10.0 | 9.9 | A2 | 1 | .. | 39273b |
| 26 | 12798 | 36.1 | −37 11 | 8.9 | 9.5 | A2 | 3 | .. | 39272b |
| 27 | 12759 | 36.1 | −43 17 | 9.5 | 10.9 | K5 | 1 | .. | 38141b |
| 28 | 12702 | 36.1 | −45 20 | 9.3 | 10.3 | K5 | 1 | .. | 38141b |
| 29 | 12701 | 36.1 | −45 25 | 9.3 | 9.4 | F8 | 3 | .. | 38141b |
| 30 | 6229 | 36.1 | −61 12 | 6.16 | 7.7 | K2 | 9 | .. | 42464b |
| 31 | 3262 | 36.2 | +30 46 | 6.48 | *7.48* | Ko | 7 | .. | 37845i |
| 32 | 3614 | 36.2 | +12 8 | 8.28 | *8.84* | Go | 1 | .. | 37901i |
| 33 | 3913 | 36.2 | + 5 23 | 10.4 | *10.5* | A2 | 1 | .. | 40333b |
| 34 | 3531 | 36.2 | − 0 18 | 10.4 | *10.7* | F2 | 1 | .. | 24025b |
| 35 | 4659 | 36.2 | − 7 9 | 9.4 | *9.4* | Ao | 5 | .. | 17034b |
| 36 | 4660 | 36.2 | − 7 57 | 10.3 | *10.3* | Ao | 2 | .. | 17034b |
| 37 | 4680 | 36.2 | − 8 10 | 9.7 | *9.6* | B5 | 3 | .. | 17034b |
| 38 | 4986 | 36.2 | −16 15 | 9.7 | *9.7* | Ao | 2 | 0,1 | 38079b |
| 39 | 4987 | 36.2 | −16 29 | 8.5 | *9.0* | F8 | 6 | 2,4 | 14619b |
| 40 | 14606 | 36.2 | −24 49 | 9.65 | 9.3 | A2 | 4 | .. | 40616b |
| 41 | 12732 | 36.2 | −40 49 | 8.6 | 9.1 | Fo | 4 | .. | 40285b |
| 42 | 13039 | 36.2 | −41 57 | 8.9 | 10.5 | Ko | 2 | 0,2 | 38141b |
| 43 | 12704 | 36.2 | −45 55 | 9.9 | 9.7 | Go | 3 | .. | 39665b |
| 44 | 12303 | 36.2 | −49 54 | 10.6 | 10.1 | Ko | 1 | .. | 39457b |
| 45 | 11221 | 36.2 | −52 25 | *9.3* | 10.1 | G5 | 2 | .. | 39457b |
| 46 | 3951 | 36.2 | −64 54 | 8.50 | 9.0 | Go | 3 | .. | 42464b |
| 47 | 2582 | 36.2 | −70 5 | 8.06 | 8.7 | Ao | 7 | .. | 41598b |
| 48 | 1908 | 36.3 | +59 41 | 8.7 | *9.9* | K5 | 1 | .. | 38518i |
| 49 | 3196 | 36.3 | +37 54 | 7.44 | *7.86* | F5 | 3 | .. | 38500i |
| 50 | 3324 | 36.3 | +26 2 | 6.74 | *6.72* | B9 | 8 | .. | 37848i |
| 51 | 3993 | 36.3 | + 0 28 | 7.83 | *8.90* | K2 | 7 | .. | 24025b |
| 52 | 3992 | 36.3 | + 0 9 | 9.88 | *10.02* | A5 | 2 | .. | 24025b |
| 53 | 3540 | 36.3 | − 1 19 | 10.4 | *10.7* | F2 | 2 | .. | 24025b |
| 54 | 4354 | 36.3 | − 3 13 | 6.88 | *7.88* | Ko | 9 | .. | 24025b |
| 55 | *4552* | 36.3 | − 3 59 | 9.7 | *10.3* | Go | 2 | 5,2 | 38111b |
| 56 | 4661 | 36.3 | − 7 22 | 8.9 | *10.0* | K2 | 3 | .. | 17034b |
| 57 | 4662 | 36.3 | − 7 23 | 10.3 | *10.3* | Ao | 3 | .. | 17034b |
| 58 | 14607 | 36.3 | −24 43 | 9.5 | 11.0 | K | 1 | .. | 40616b |
| 59 | 13111 | 36.3 | −27 37 | 10.4 | 11.2 | K2 | 1 | .. | 40326b |
| 60 | 15253 | 36.3 | −29 34 | 8.3 | 9.3 | Ko | 3 | .. | 40326b |
| 61 | 13490 | 36.3 | −33 33 | 10.3 | 9.3 | Fo | 2 | .. | 39273b |
| 62 | 12929 | 36.3 | −36 16 | 8.3 | 8.4 | A2 | 6 | .. | 40285b |
| 63 | 12800 | 36.3 | −37 57 | 9.9 | 10.1 | Ko | 1 | .. | 39272b |
| 64 | 13542 | 36.3 | −42 43 | 9.7 | 11.0 | K5 | 1 | .. | 38141b |
| 65 | 13541 | 36.3 | −42 51 | 10.1 | 10.5 | F5 | 2 | .. | 38141b |
| 66 | 12304 | 36.3 | −49 27 | 10.6 | 9.8 | A3 | 2 | .. | 39665b |
| 67 | 8937 | 36.3 | −56 13 | *9.6* | 9.6 | Ao | 2 | .. | 40463b |
| 68 | 535 | 36.4 | +83 18 | 7.32 | *8.10* | G5 | 4 | .. | 37294i |
| 69 | 1117 | 36.4 | +66 49 | 7.58 | *8.58* | Ko | 5 | .. | 37907i |
| 70 | 1890 | 36.4 | +57 8 | 8.3 | *9.3* | Ko | 2 | .. | 38518i |
| 71 | 3446 | 36.4 | +40 50 | 6.11 | *6.11* | Ao | 7 | .. | 38500i |
| 72 | 3324 | 36.4 | +31 34 | 8.0 | *9.0* | K | 1 | .. | 37845i |
| 73 | 3915 | 36.4 | + 5 44 | 9.7 | *9.7* | Ao | 3 | .. | 40333b |
| 74 | 3916 | 36.4 | + 5 8 | 9.4 | *10.2* | G5 | 2 | .. | 40333b |
| 75 | 3838 | 36.4 | + 4 27 | 7.10 | *7.60* | F8 | 4 | .. | 38022i |
| 76 | 3751 | 36.4 | + 1 17 | 9.7 | *9.7* | Ao | 2 | .. | 24025b |
| 77 | 4837 | 36.4 | − 6 42 | 10.3 | *10.3* | B8 | 2 | .. | 19014b |
| 78 | 4757 | 36.4 | −10 40 | 9.4 | *10.6* | K5 | 1 | .. | 39406b |
| 79 | 5062 | 36.4 | −15 46 | 8.8 | *9.9* | K2 | 1 | .. | 38079b |
| 80 | 5291 | 36.4 | −17 7 | 7.38 | *8.38* | Ko | 5 | 2,5 | 38079b |
| 81 | 5237 | 36.4 | −20 37 | 8.9 | 8.8 | F8 | 5 | .. | 40616b |
| 82 | 4831 | 36.4 | −22 6 | 9.4 | 9.2 | Go | 3 | .. | 40616b |
| 83 | 4832 | 36.4 | −22 26 | 9.7 | 9.2 | Ao | 3 | .. | 40616b |
| 84 | 13399 | 36.4 | −26 42 | 8.9 | 9.3 | Ko | 4 | .. | 40326b |
| 85 | 15873 | 36.4 | −31 18 | 10.9 | 10.6 | A2 | 1 | .. | 39273b |
| 86 | 13027 | 36.4 | −38 33 | 8.6 | 10.7 | K2 | 3 | .. | 39272b |
| 87 | 12705 | 36.4 | −45 24 | 9.0 | 10.3 | K5 | 1 | .. | 38141b |
| 88 | 12566 | 36.4 | −46 16 | 9.7 | 10.0 | F2 | 3 | .. | 39665b |
| 89 | 9290 | 36.4 | −53 54 | 7.3 | 7.8 | B9 | 6 | .. | 36342b |
| 90 | 587 | 36.4 | −84 4 | 7.61 | 7.4 | Ao | 3 | 0,8 | 43414b |
| 91 | 1083 | 36.5 | +67 50 | 9.1 | *9.2* | A2 | 2 | .. | 37907i |
| 92 | *3485* | 36.5 | +40 1 | 8.02 | *9.02* | Ko | 1 | .. | 38500i |
| 93 | 3618 | 36.5 | +12 7 | 7.88 | *8.66* | G5 | 1 | .. | 37901i |
| 94 | 5063 | 36.5 | −15 57 | 8.3 | *8.1* | B3 | 5 | *3,4* | 14619b |
| 95 | 5132 | 36.5 | −19 46 | 9.7 | 10.0 | F8 | 2 | .. | 38063b |
| 96 | 5240 | 36.5 | −20 24 | 7.17 | 6.9 | B9 | 4 | .. | 10085b |
| 97 | 14639 | 36.5 | −23 9 | 10.4 | 10.9 | F5 | 2 | .. | 40616b |
| 98 | 15257 | 36.5 | −29 21 | 10.2 | 10.2 | Fo | 2 | .. | 40326b |
| 99 | 16092 | 36.5 | −30 9 | 8.9 | 10.2 | Ko | 2 | .. | 40632b |
| 100 | 16089 | 36.5 | −30 29 | 10.2 | 9.3 | B9 | 3 | .. | 40632b |



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## 172700 — 18h 36m.5

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 15876 | 36.5 | −31 57 | 9.3 | 9.7 | F5 | 2 | .. | 39273b |
| 2 | 14424 | 36.5 | −32 51 | 7.9 | 8.2 | Fo | 6 | .. | 40291b |
| 3 | 13496 | 36.5 | −33 36 | 8.9 | 8.1 | B9 | 5 | .. | 39273b |
| 4 | 12804 | 36.5 | −37 59 | 9.3 | 11.1 | G5 | 1 | .. | 39272b |
| 5 | 13029 | 36.5 | −38 44 | 8.3 | 8.6 | F2 | 6 | .. | 40285b |
| 6 | 12488 | 36.5 | −47 21 | var. | var. | Mb | 2 | R | 39340b |
| 7 | 12307 | 36.5 | −49 37 | 9.9 | 10.4 | G5 | 1 | .. | 39665b |
| 8 | 11222 | 36.5 | −52 21 | 8.4 | 9.0 | G5 | 6 | .. | 39457b |
| 9 | 8821 | 36.5 | −55 33 | *9.3* | 9.9 | Go | 3 | .. | 39661b |
| 10 | 672 | 36.6 | +75 30 | 8.42 | *8.98* | Go | 2 | .. | 38044i |
| 11 | 2099 | 36.6 | +55 9 | 7.56 | *8.06* | F8 | 4 | .. | 38518i |
| 12 | 2258 | 36.6 | +52 14 | 6.86 | *6.94* | A3 | 7 | R | 38559i |
| 13 | | 36.6 | +52 14 | | | F2 | | | |
| 14 | 2751 | 36.6 | +45 16 | 8.5 | *8.8* | F | 1 | .. | 37997i |
| 15 | 3274 | 36.6 | +34 19 | 7.7 | *8.7* | Ko | 2 | .. | 37845i |
| 16 | 3264 | 36.6 | +30 12 | 8.46 | *8.46* | Ao | 4 | .. | 38456i |
| 17 | *3823* | 36.6 | +10 1 | 8.52 | *9.70* | K5 | 2 | .. | 40333b |
| 18 | 3805 | 36.6 | + 7 49 | 7.9 | *8.4* | F8 | 5 | .. | 14170b |
| 19 | 5292 | 36.6 | −17 57 | 9.4 | *9.4* | Ao | 4 | .. | 38063b |
| 20 | 5108 | 36.6 | −21 16 | 9.1 | 10.6 | Ko | 2 | .. | 40616b |
| 21 | 4833 | 36.6 | −22 16 | 8.8 | 8.8 | B8 | 5 | .. | 40616b |
| 22 | 14427 | 36.6 | −32 20 | 10.3 | 10.5 | Ko | 1 | .. | 39273b |
| 23 | 12708 | 36.6 | −45 23 | 9.7 | 10.3 | G5 | 1 | .. | 38141b |
| 24 | 9043 | 36.6 | −54 0 | *9.2* | 9.6 | F5 | 3 | .. | 39457b |
| 25 | 9044 | 36.6 | −54 0 | *9.0* | 9.5 | F8 | 3 | .. | 39457b |
| 26 | 6231 | 36.6 | −61 13 | *9.3* | 9.6 | Fo | 3 | .. | 42464b |
| 27 | 2303 | 36.6 | −72 28 | *8.7* | 9.8 | K2 | 1 | .. | 42526b |
| 28 | 1637 | 36.7 | +62 26 | 5.60 | *5.60* | Ao | 7 | 0,10 | 2916b |
| 29 | 3327 | 36.7 | +31 32 | 7.7 | *7.8* | A5 | 6 | .. | 37845i |
| 30 | 4553 | 36.7 | − 4 13 | var. | var. | G5 | 2 | R | 38111b |
| 31 | 5157 | 36.7 | −14 42 | 9.2 | *9.2* | B9 | 3 | .. | 38080b |
| 32 | 4990 | 36.7 | −16 0 | 8.9 | *9.5* | Go | 3 | .. | 38079b |
| 33 | 13368 | 36.7 | −25 8 | 8.35 | 9.6 | Ko | 4 | .. | 40616b |
| 34 | 13367 | 36.7 | −25 36 | 9.3 | 10.4 | Ko | 3 | E | 38105b |
| 35 | 13119 | 36.7 | −27 45 | 8.5 | 8.4 | B9 | 5 | .. | 40326b |
| 36 | 14908 | 36.7 | −28 9 | 10.9 | 10.8 | A3 | 1 | .. | 40326b |
| 37 | 14428 | 36.7 | −32 23 | Cl. | Cl. | Con. | 2 | R | 39273b |
| 38 | 8825 | 36.7 | −55 59 | *9.4* | 10.4 | Ko | 1 | .. | 39661b |
| 39 | 8938 | 36.7 | −56 36 | 8.8 | 9.8 | F8 | 2 | .. | 39661b |
| 40 | 3449 | 36.8 | +40 14 | 8.5 | *9.9* | Mb | .. | .. | M |
| 41 | 3254 | 36.8 | +38 16 | 6.48 | *6.56* | A3 | 7 | .. | 38500i |
| 42 | 3171 | 36.8 | +33 35 | 7.18 | *7.60* | F5 | 5 | .. | 37845i |
| 43 | 3493 | 36.8 | +24 43 | 7.79 | *7.93* | A5 | 4 | .. | 37848i |
| 44 | 3619 | 36.8 | +12 9 | 7.00 | *7.78* | G5 | 4 | .. | 37901i |
| 45 | 3532 | 36.8 | − 0 54 | 9.4 | *9.4* | Ao | 6 | .. | 24025b |
| 46 | 4708 | 36.8 | − 2 37 | 10.3 | *10.3* | Ao | 3 | .. | 24025b |
| 47 | 4554 | 36.8 | − 4 39 | 9.4 | *10.0* | Go | 3 | .. | 38111b |
| 48 | 4796 | 36.8 | − 9 9 | 4.74 | *5.02* | Fo | .. | 2,6 R | 56,95 |
| 49 | 5065 | 36.8 | −15 47 | 10.3 | *10.3* | B9 | 1 | .. | 38079b |
| 50 | 4991 | 36.8 | −16 2 | 9.4 | *9.4* | B9 | 4 | .. | 14619b |
| 51 | 14620 | 36.8 | −24 4 | 7.7 | 7.5 | Go | .. | 2,6- | 56,143 |
| 52 | 15883 | 36.8 | −31 44 | 8.3 | 8.4 | F2 | 6 | .. | 40291b |
| 53 | 13061 | 36.8 | −34 9 | 9.9 | 9.2 | Ao | 4 | .. | 39273b |
| 54 | 13059 | 36.8 | −34 44 | 10.3 | 9.9 | A5 | 3 | .. | 39273b |
| 55 | 12860 | 36.8 | −35 45 | 9.3 | 9.5 | A5 | 2 | .. | 39273b |
| 56 | 12744 | 36.8 | −40 54 | 8.3 | 8.2 | B8 | 6 | .. | 40285b |
| 57 | 13548 | 36.8 | −42 57 | 9.2 | 10.7 | K2 | 2 | .. | 38141b |
| 58 | 12310 | 36.8 | −49 36 | 9.5 | 10.4 | Ko | 1 | .. | 39665b |
| 59 | 12109 | 36.8 | −50 58 | 9.0 | 9.8 | Ko | 3 | .. | 39457b |
| 60 | 9045 | 36.8 | −54 56 | *9.4* | 9.8 | F5 | 2 | .. | 39457b |
| 61 | 8939 | 36.8 | −56 18 | 9.0 | 9.5 | Fo | 2 | .. | 40463b |
| 62 | 3268 | 36.9 | +30 18 | 8.4 | *9.6* | K5 | 1 | .. | 38456i |
| 63 | 3622 | 36.9 | +12 52 | 7.6 | *7.7* | A2 | 2 | .. | 37901i |
| 64 | 3655 | 36.9 | + 2 6 | 8.1 | *8.1* | Ao | 7 | .. | 24025b |
| 65 | 3534 | 36.9 | − 0 35 | 10.4 | *10.7* | Fo | 1 | .. | 24025b |
| 66 | 3533 | 36.9 | − 0 57 | 10.4 | *10.7* | Fo | 3 | .. | 24025b |
| 67 | 4556 | 36.9 | − 4 30 | 10.1 | *11.3* | K5 | 1 | .. | 38111b |
| 68 | 4664 | 36.9 | − 7 26 | 7.12 | *8.47* | Ma | 7 | .. | 17034b |
| 69 | 4798 | 36.9 | − 9 35 | 8.9 | *10.1* | K5 | 1 | *3,1* | 39406b |
| 70 | 4759 | 36.9 | −10 12 | 9.4 | *10.0* | Go | 1 | .. | 39406b |
| 71 | 4717 | 36.9 | −11 13 | 8.7 | *8.7* | B8 | 3 | .. | 39406b |
| 72 | 5067 | 36.9 | −15 37 | 7.02 | *7.80* | G5 | 7 | .. | 38080b |
| 73 | 5293 | 36.9 | −17 1 | 10.1 | *10.2* | A2 | 2 | .. | 38063b |
| 74 | 14623 | 36.9 | −24 25 | 9.7 | 10.4 | G5 | 2 | .. | 40616b |
| 75 | 14913 | 36.9 | −28 16 | 10.0 | 9.7 | F5 | 3 | .. | 40326b |
| 76 | 14432 | 36.9 | −32 17 | 10.6 | 9.6 | Ao | 3 | .. | 39273b |
| 77 | 13036 | 36.9 | −38 25 | 5.13 | 5.6 | Ao | .. | R | 56,143 |
| 78 | 13554 | 36.9 | −42 18 | 10.3 | 11.0 | K5 | 1 | .. | 38141b |
| 79 | 12492 | 36.9 | −47 4 | 8.7 | 8.6 | Ao | 6 | .. | 39665b |
| 80 | 11736 | 36.9 | −51 35 | 8.3 | 9.2 | Ko | 5 | .. | 39457b |
| 81 | *9180* | 36.9 | −56 59 | 6.30 | 8.4 | Ko | 8 | .. | 40463b |
| 82 | 3953 | 36.9 | −64 9 | *8.3* | 9.3 | Ko | 4 | .. | 42464b |
| 83 | 855 | 37.0 | +72 11 | 7.41 | *8.41* | Ko | 5 | .. | 38029i |
| 84 | 3131 | 37.0 | +42 58 | 8.1 | *8.9* | G5 | 1 | .. | 37997i |
| 85 | 3328 | 37.0 | +31 35 | 9.2 | *10.6* | Mb | 2 | .. | M |
| 86 | 3543 | 37.0 | − 1 4 | 8.6 | *9.6* | Ko | 8 | .. | 24025b |
| 87 | 4712 | 37.0 | − 2 10 | 9.9 | *10.4* | F8 | 3 | .. | 24025b |
| 88 | 4710 | 37.0 | − 2 26 | 9.9 | *9.9* | Ao | 4 | .. | 24025b |
| 89 | 4843 | 37.0 | − 6 55 | 9.4 | *9.4* | B8 | 3 | .. | 17034b |
| 90 | 4667 | 37.0 | − 7 21 | 9.4 | *9.5* | A2 | 4 | .. | 17034b |
| 91 | 4760 | 37.0 | −10 32 | 9.4 | *10.5* | K2 | 1 | .. | 39406b |
| 92 | 5150 | 37.0 | −12 0 | 8.9 | *9.0* | A2 | 2 | .. | 38080b |
| 93 | 5068 | 37.0 | −15 54 | 9.4 | *9.4* | B9 | 3 | *1,2* | 14619b |
| 94 | 14915 | 37.0 | −28 33 | 8.0 | 9.3 | Ko | 5 | .. | 40326b |
| 95 | 15265 | 37.0 | −29 45 | 9.0 | 8.7 | Fo | 5 | .. | 40326b |
| 96 | 13062 | 37.0 | −34 2 | 8.3 | 8.7 | F8 | 6 | .. | 39273b |
| 97 | 12712 | 37.0 | −45 16 | 9.7 | 9.1 | Ao | 5 | .. | 38141b |
| 98 | 11737 | 37.0 | −51 46 | 9.3 | 8.9 | Fo | 5 | .. | 39457b |
| 99 | 9053 | 37.0 | −54 8 | *10.4* | 10.4 | Ao | 2 | .. | 39457b |
| 100 | 8941 | 37.0 | −56 24 | 8.8 | 9.6 | F5 | 1 | .. | 40463b |



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## 172800

## $18^h\ 37^m.0$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3752 | 37.0 | −65 21 | 7.16 | 9.0 | K5 | 4 | .. | 42464b |
| 2 | 1937 | 37.0 | −73 4 | *8.6* | 9.7 | K2 | 1 | .. | 42526b |
| 3 | 1012 | 37.1 | +70 22 | 7.64 | *8.64* | Ko | 5 | .. | 38029i |
| 4 | 3898 | 37.1 | + 6 43 | 9.1 | .. | Np | 1 | R | 40333b |
| 5 | 3920 | 37.1 | + 5 51 | 8.7 | *8.7* | Ao | 4 | .. | 14170b |
| 6 | 3777 | 37.1 | + 3 56 | 8.0 | *8.0* | B9 | 5 | .. | 13424b |
| 7 | 4713 | 37.1 | − 2 8 | 10.6 | *10.6* | Ao | 1 | .. | 24025b |
| 8 | 4557 | 37.1 | − 4 54 | 9.20 | *9.76* | Go | 4 | .. | 38111b |
| 9 | 4669 | 37.1 | − 7 26 | 9.4 | *10.6* | K5 | 1 | .. | 17034b |
| 10 | 4668 | 37.1 | − 7 44 | 8.7 | *9.8* | K2 | 3 | .. | 17034b |
| 11 | 5161 | 37.1 | −14 34 | 9.7 | *9.8* | A2 | 2 | .. | 38080b |
| 12 | 5069 | 37.1 | −15 29 | 9.2 | *10.0* | G5 | 3 | .. | 38080b |
| 13 | 5297 | 37.1 | −17 23 | 9.9 | *10.9* | K | 1 | .. | 38063b |
| 14 | 5295 | 37.1 | −17 51 | 9.4 | *10.4* | Ko | 2 | .. | 38063b |
| 15 | 5041 | 37.1 | −18 10 | 9.7 | *10.7* | Ko | 1 | .. | 38063b |
| 16 | 5134 | 37.1 | −19 23 | 6.49 | 7.9 | Mb | 3 | .. | 10085b |
| 17 | 5111 | 37.1 | −21 24 | 10.7 | 10.3 | A | 2 | .. | 40616b |
| 18 | 13130 | 37.1 | −27 29 | 8.7 | 9.7 | K2 | 2 | .. | 40326b |
| 19 | 12806 | 37.1 | −37 14 | 8.9 | 9.9 | K5 | 2 | .. | 39272b |
| 20 | 13049 | 37.1 | −41 37 | 8.3 | 9.5 | K2 | 3 | .. | 38141b |
| 21 | 12112 | 37.1 | −50 36 | 8.6 | 8.6 | Fo | 7 | .. | 39457b |
| 22 | 11224 | 37.1 | −52 17 | *9.5* | 9.5 | Ao | 4 | .. | 39457b |
| 23 | 901 | 37.2 | +71 20 | 8.7 | *9.9* | K5 | 2 | .. | 38029i |
| 24 | 1085 | 37.2 | +67 41 | 7.36 | *7.36* | Ao | 8 | .. | 37907i |
| 25 | 1840 | 37.2 | +60 37 | 6.59 | *6.93* | F2 | 8 | .. | 38518i |
| 26 | 3687 | 37.2 | +17 35 | 7.91 | *9.09* | K5 | 1 | .. | 37901i |
| 27 | 3623 | 37.2 | +12 9 | 7.30 | *7.36* | A2 | 6 | .. | 37901i |
| 28 | 3755 | 37.2 | + 1 7 | 9.04 | *10.22* | K5 | 1 | .. | 24025b |
| 29 | 3995 | 37.2 | + 0 3 | 9.08 | *10.26* | K5 | 2 | .. | 24025b |
| 30 | 4732 | 37.2 | − 5 16 | 9.9 | *10.7* | G5 | 2 | .. | 38111b |
| 31 | 4670 | 37.2 | − 7 10 | 6.15 | *6.93* | G5 | 5 | .. | 44008b |
| 32 | 4800 | 37.2 | − 9 33 | 9.4 | *10.4* | Ko | 2 | 0,1 | 19014b |
| 33 | 5298 | 37.2 | −17 1 | 10.6 | *10.6* | A | 1 | .. | 38063b |
| 34 | 14435 | 37.2 | −32 35 | 8.6 | 10.2 | Ko | 2 | .. | 39273b |
| 35 | 13507 | 37.2 | −33 31 | 9.9 | 9.7 | A2 | 1 | .. | 39273b |
| 36 | 12837 | 37.2 | −44 45 | 9.5 | 9.7 | F5 | 4 | .. | 38141b |
| 37 | 12714 | 37.2 | −45 52 | 9.3 | 9.4 | F5 | 3 | .. | 38141b |
| 38 | 12494 | 37.2 | −47 42 | 8.5 | 9.8 | Ko | 3 | .. | 39665b |
| 39 | *12691* | 37.2 | −47 59 | 9.0 | 9.8 | K2 | 3 | .. | 39665b |
| 40 | 12314 | 37.2 | −49 44 | 9.9 | 9.5 | Fo | 3 | .. | 39457b |
| 41 | 11739 | 37.2 | −51 28 | 7.9 | 8.6 | G5 | 8 | .. | 39457b |
| 42 | 9295 | 37.2 | −53 7 | *9.4* | 10.4 | Ko | 1 | .. | 39457b |
| 43 | 969 | 37.2 | −79 18 | *8.5* | 8.6 | A2 | 3 | .. | 14161b |
| 44 | 2260 | 37.3 | +52 51 | 7.9 | *9.0* | K2 | 2 | .. | 38559i |
| 45 | 3317 | 37.3 | +29 23 | 9.1 | *9.2* | A5 | 2 | .. | 38456i |
| 46 | 3052 | 37.3 | +28 24 | 8.2 | *8.3* | A2 | 3 | .. | 38456i |
| 47 | 3900 | 37.3 | + 6 37 | 9.7 | *10.8* | K2 | 1 | .. | 40333b |
| 48 | 3996 | 37.3 | + 0 34 | 9.4 | *9.5* | A2 | 4 | .. | 24025b |
| 49 | 3536 | 37.3 | − 0 26 | 9.4 | *9.8* | F5 | 2 | .. | 24025b |
| 50 | 3544 | 37.3 | − 1 24 | 8.1 | *8.1* | B9 | 9 | .. | 24025b |
| 51 | 4673 | 37.3 | − 7 4 | 9.4 | *9.4* | Ao | 6 | .. | 17034b |
| 52 | 4672 | 37.3 | − 7 48 | 9.4 | *9.4* | Ao | 5 | .. | 17034b |
| 53 | 5044 | 37.3 | −18 16 | 9.4 | *10.4* | Ko | 2 | .. | 38063b |
| 54 | 4835 | 37.3 | −22 31 | 7.65 | 7.6 | B9 | 3 | *1,8* | 10085b |
| 55 | 14439 | 37.3 | −32 35 | 8.6 | 9.3 | Go | 4 | .. | 39273b |
| 56 | 13067 | 37.3 | −34 2 | 11.7 | 9.5 | B9 | 3 | .. | 39273b |
| 57 | 12809 | 37.3 | −37 51 | 8.9 | 9.5 | A2 | 4 | .. | 39272b |
| 58 | 13052 | 37.3 | −41 5 | 8.3 | 9.7 | K5 | 1 | .. | 40285b |
| 59 | 12776 | 37.3 | −43 46 | 9.7 | 9.8 | Ko | 3 | .. | 38141b |
| 60 | 11741 | 37.3 | −51 33 | 9.9 | 10.1 | Ko | 2 | .. | 39457b |
| 61 | 11226 | 37.3 | −52 31 | *9.1* | 10.1 | Ko | 1 | .. | 39457b |
| 62 | 11227 | 37.3 | −52 48 | 9.0 | 9.2 | Ko | 4 | .. | 39457b |
| 63 | 8830 | 37.3 | −55 20 | *9.4* | 10.2 | G5 | 2 | .. | 39661b |
| 64 | 536 | 37.4 | +83 6 | 6.15 | *6.21* | A2 | 10 | .. | 37294i |
| 65 | 3271 | 37.4 | +30 11 | 6.88 | *7.66* | G5 | 5 | .. | 37845i |
| 66 | 3080 | 37.4 | +27 49 | 8.0 | *8.1* | A2 | 3 | .. | 38456b |
| 67 | 3564 | 37.4 | +11 40 | 7.9 | *8.5* | Go | 3 | .. | 37901i |
| 68 | 3778 | 37.4 | + 3 23 | 8.5 | *8.5* | B9 | 4 | .. | 13424b |
| 69 | 5162 | 37.4 | −14 34 | 9.7 | *10.2* | F8 | 2 | .. | 38080b |
| 70 | 4995 | 37.4 | −16 34 | 9.4 | *10.4* | Ko | 2 | .. | 38063b |
| 71 | 5117 | 37.4 | −21 26 | 9.1 | 9.7 | G5 | 3 | .. | 40616b |
| 72 | 15274 | 37.4 | −29 11 | 9.7 | 9.9 | F2 | 2 | .. | 40326b |
| 73 | 14443 | 37.4 | −32 9 | 9.9 | 9.3 | A2 | 4 | .. | 39273b |
| 74 | 14442 | 37.4 | −32 34 | 9.3 | 10.2 | Go | 1 | .. | 39273b |
| 75 | 12946 | 37.4 | −36 49 | 6.38 | 7.5 | Ko | .. | 0,7 | **28**,213 |
| 76 | 13563 | 37.4 | −42 9 | 9.3 | 11.1 | K5 | 1 | .. | 38141b |
| 77 | 13564 | 37.4 | −42 41 | 8.3 | 8.5 | B9 | 8 | .. | 40856b |
| 78 | 12719 | 37.4 | −45 13 | 9.2 | 10.6 | Ma | 1 | .. | 39340b |
| 79 | 12578 | 37.4 | −46 43 | 9.2 | 9.8 | Ko | 3 | .. | 39665b |
| 80 | 9182 | 37.4 | −57 41 | 8.5 | 9.2 | F5 | 3 | .. | 40463b |
| 81 | 1939 | 37.4 | −73 6 | 6.22 | 6.2 | Ao | .. | *1,9* | **56**,143 |
| 82 | 858 | 37.4 | −80 51 | 6.75 | 6.5 | Ao | 9 | .. | 14161b |
| 83 | 2263 | 37.5 | +52 6 | 5.85 | *5.83* | B9 | 9 | .. | 38559i |
| 84 | *2639* | 37.5 | +51 0 | 8.6 | *9.4* | G5 | 1 | .. | 38559i |
| 85 | 3055 | 37.5 | +28 43 | var. | var. | Mc | .. | R | M |
| 86 | 3836 | 37.5 | + 9 58 | 8.57 | *9.64* | K2 | 3 | .. | 40333b |
| 87 | 3837 | 37.5 | + 9 6 | 8.3 | *9.3* | Ko | 4 | .. | 14170b |
| 88 | 3758 | 37.5 | + 1 35 | 9.2 | *10.0* | G5 | 2 | .. | 24025b |
| 89 | 4849 | 37.5 | − 6 35 | 10.6 | *10.6* | B8 | 1 | .. | 19014b |
| 90 | 4764 | 37.5 | −10 6 | 9.06 | *9.01* | B8 | 2 | .. | 39406b |
| 91 | 5163 | 37.5 | −14 47 | 9.2 | *9.2* | Ao | 3 | .. | 38080b |
| 92 | 5137 | 37.5 | −19 20 | 9.1 | 8.5 | Ao | 5 | .. | 38063b |
| 93 | 14630 | 37.5 | −24 36 | 9.5 | 9.3 | F2 | 3 | .. | 40616b |
| 94 | 14921 | 37.5 | −28 20 | 9.0 | 9.9 | Ko | 3 | .. | 40326b |
| 95 | 12580 | 37.5 | −46 37 | 9.1 | 10.0 | Ko | 4 | .. | 39665b |
| 96 | 11743 | 37.5 | −51 19 | 10.3 | 10.1 | G5 | 2 | .. | 39457b |
| 97 | *994* | 37.6 | +70 1 | 8.94 | *9.28* | F2 | 1 | .. | 38029i |
| 98 | 2760 | 37.6 | +45 59 | 8.7 | *10.1* | Ma | .. | .. | M |
| 99 | 3809 | 37.6 | + 8 13 | 9.0 | *9.1* | A2 | 4 | .. | 14170b |
| 100 | 3924 | 37.6 | + 5 11 | 9.7 | *9.8* | A3 | 4 | .. | 40333b |



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1922AnHar..97....1C



## 172900 — 18h 37m.6

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4561 | 37.6 | − 4 55 | 8.80 | *8.80* | Ao | 7 | .. | 38111b |
| 2 | 4734 | 37.6 | − 5 56 | var. | var. | Go | 2 | R | 17034b |
| 3 | 4802 | 37.6 | − 9 17 | 8.5 | *9.5* | Ko | 4 | 0,4 | 17034b |
| 4 | 4998 | 37.6 | −16 53 | 7.9 | *7.9* | Ao | 6 | 0,2 | 38080b |
| 5 | 5118 | 37.6 | −21 1 | 7.36 | 8.5 | Ko | 7 | 0,2 | 40616b |
| 6 | 14660 | 37.6 | −23 19 | 9.2 | 8.8 | B9 | 4 | .. | 40616b |
| 7 | 13413 | 37.6 | −26 20 | 9.0 | 10.4 | K5 | 2 | .. | 40632b |
| 8 | 15901 | 37.6 | −31 24 | 10.4 | 9.9 | Fo | 2 | .. | 39273b |
| 9 | 14445 | 37.6 | −32 34 | 8.6 | 9.9 | G5 | 2 | .. | 39273b |
| 10 | 12876 | 37.6 | −35 45 | 4.82 | *4.65* | B3 | .. | .. | **28**,213 |
| 11 | 12860 | 37.6 | −39 8 | 8.9 | 11.0 | Mb | .. | .. | M |
| 12 | 12760 | 37.6 | −40 56 | 9.9 | 9.7 | B9 | 2 | .. | 40285b |
| 13 | 13059 | 37.6 | −41 29 | 7.9 | 9.1 | Ko | 3 | 2,4- | 40856b |
| 14 | 13060 | 37.6 | −41 32 | 7.5 | 7.9 | F5 | 8 | .. | 38141b |
| 15 | 12839 | 37.6 | −44 31 | 10.3 | 10.6 | Ao | 3 | .. | 38141b |
| 16 | 12315 | 37.6 | −49 6 | 7.4 | 7.7 | G5 | 7 | .. | 39665b |
| 17 | 11744 | 37.6 | −51 59 | 7.9 | 8.6 | Ko | 5 | .. | 39457b |
| 18 | 9059 | 37.6 | −54 9 | *9.1* | 10.1 | Ko | 2 | .. | 39457b |
| 19 | 8942 | 37.6 | −56 54 | *9.2* | 10.2 | Ko | 1 | .. | 39661b |
| 20 | 7485 | 37.6 | −58 37 | 8.7 | 9.0 | Fo | 4 | .. | 40463b |
| 21 | 3393 | 37.6 | −66 12 | *9.8* | 9.8 | Ao | 1 | .. | 42464b |
| 22 | 857 | 37.7 | +72 18 | 6.93 | *8.00* | K2 | 7 | .. | 38029i |
| 23 | 1445 | 37.7 | +63 26 | 6.88 | *7.88* | Ko | 5 | .. | 37907i |
| 24 | 3135 | 37.7 | +42 52 | 8.5 | *8.9* | F5 | 1 | .. | 37997i |
| 25 | 3845 | 37.7 | + 4 42 | 8.7 | *9.2* | F8 | 2 | .. | 13424b |
| 26 | 3998 | 37.7 | + 0 34 | 10.0 | *10.1* | A3 | 2 | .. | 24025b |
| 27 | 4717 | 37.7 | − 2 4 | 8.9 | *10.0* | K2 | 4 | .. | 24025b |
| 28 | 4676 | 37.7 | − 7 35 | 10.6 | *10.6* | B8 | 3 | .. | 17034b |
| 29 | 4675 | 37.7 | − 7 49 | 8.7 | *9.7* | Ko | 4 | .. | 17034b |
| 30 | 5164 | 37.7 | −14 46 | 9.9 | *10.4* | F8 | 1 | .. | 38080b |
| 31 | 5071 | 37.7 | −15 49 | 9.4 | *10.4* | Ko | 2 | .. | 38080b |
| 32 | 5300 | 37.7 | −17 31 | 9.4 | *9.4* | Ao | 4 | .. | 38063b |
| 33 | 5243 | 37.7 | −20 20 | 9.4 | 9.7 | F5 | 2 | .. | 38063b |
| 34 | 4837 | 37.7 | −22 46 | 7.9 | 7.9 | F5 | 5 | 3,2 | 40616b |
| 35 | 12582 | 37.7 | −46 21 | 10.1 | 10.3 | Ko | 2 | .. | 39665b |
| 36 | 12497 | 37.7 | −47 15 | 9.9 | 10.6 | G5 | 2 | .. | 39665b |
| 37 | 11745 | 37.7 | −51 2 | 11.6 | 10.4 | Go | 1 | .. | 39457b |
| 38 | 9057 | 37.7 | −54 55 | 9.26 | 9.6 | F8 | 5 | .. | 39457b |
| 39 | 9186 | 37.7 | −57 11 | 8.7 | 9.8 | K2 | 2 | .. | 40463b |
| 40 | 7359 | 37.7 | −59 13 | 8.5 | 9.6 | Ko | 2 | .. | 40463b |
| 41 | 5959 | 37.7 | −62 50 | *8.1* | 8.7 | Go | 5 | .. | 42464b |
| 42 | 861 | 37.7 | −80 18 | *8.0* | 8.5 | F8 | 3 | .. | 14161b |
| 43 | 2113 | 37.8 | +53 13 | 8.5 | *8.5* | Ao | 3 | .. | 38559i |
| 44 | 3044 | 37.8 | +43 19 | 8.9 | *9.0* | A2 | 2 | .. | 37997i |
| 45 | 3116 | 37.8 | +41 50 | 7.68 | *7.68* | Ao | 4 | .. | 38500i |
| 46 | 3547 | 37.8 | − 1 33 | 9.7 | *10.5* | G5 | 2 | .. | 24025b |
| 47 | 4852 | 37.8 | − 6 56 | 8.9 | *8.9* | B9 | 6 | .. | 17034b |
| 48 | 4677 | 37.8 | − 7 5 | 8.8 | *8.9* | A2 | 7 | .. | 17034b |
| 49 | 15907 | 37.8 | −31 29 | 9.0 | 9.9 | Ko | 2 | .. | 39273b |
| 50 | 13515 | 37.8 | −33 35 | 9.3 | 9.7 | Go | 2 | .. | 39273b |
| 51 | 12878 | 37.8 | −35 18 | 9.9 | 9.8 | Ao | 2 | .. | 39273b |
| 52 | 13045 | 37.8 | −38 14 | 7.9 | 8.2 | F2 | 7 | .. | 40285b |
| 53 | 12766 | 37.8 | −40 7 | 8.43 | 8.2 | Ao | 5 | .. | 40285b |
| 54 | 13062 | 37.8 | −41 11 | 9.9 | 10.6 | A2 | 1 | .. | 38141b |
| 55 | 12842 | 37.8 | −44 39 | 10.1 | 10.0 | A2 | 3 | .. | 38141b |
| 56 | 11747 | 37.8 | −51 24 | 8.3 | 8.6 | A5 | 7 | .. | 39457b |
| 57 | 1911 | 37.9 | +59 26 | 7.11 | *8.29* | K5 | 5 | .. | 38518i |
| 58 | 3332 | 37.9 | +31 31 | 6.47 | *6.47* | Ao | 10 | .. | 37845i |
| 59 | 3499 | 37.9 | +24 55 | 7.91 | *9.09* | K5 | 1 | .. | 38456i |
| 60 | 3902 | 37.9 | + 6 31 | 9.7 | *9.7* | Ao | 2 | .. | 40333b |
| 61 | 3926 | 37.9 | + 5 35 | 7.6 | *8.0* | F5 | 7 | .. | 14170b |
| 62 | 4001 | 37.9 | + 0 29 | 10.0 | *10.1* | A2 | 3 | .. | 24025b |
| 63 | 4853 | 37.9 | − 6 8 | 9.9 | *9.9* | Ao | 3 | .. | 17034b |
| 64 | 4685 | 37.9 | − 8 57 | 9.2 | *9.2* | Ao | 2 | .. | 17034b |
| 65 | 5301 | 37.9 | −17 39 | 8.3 | *8.3* | Ao | 6 | .. | 14619b |
| 66 | 4838 | 37.9 | −22 44 | 9.4 | 9.7 | G5 | 1 | .. | 40616b |
| 67 | 14641 | 37.9 | −24 19 | 10.7 | 10.5 | Ao | 2 | .. | 38105b |
| 68 | 14640 | 37.9 | −24 48 | 9.5 | 9.3 | Ao | 3 | .. | 40616b |
| 69 | *12817* | 37.9 | −36 59 | 8.6 | 9.8 | Ma | 3 | .. | 39272b |
| 70 | 12816 | 37.9 | −37 37 | 9.3 | 9.8 | F8 | 2 | .. | 39272b |
| 71 | 12843 | 37.9 | −44 1 | 10.1 | 10.6 | A3 | 2 | .. | 38141b |
| 72 | 12499 | 37.9 | −47 7 | 10.6 | 11.0 | F8 | 1 | .. | 39665b |
| 73 | 8944 | 37.9 | −56 7 | *10.4* | 10.4 | Ao | 2 | .. | 39661b |
| 74 | 2305 | 37.9 | −72 47 | *9.0* | 9.1 | A5 | 4 | .. | 42526b |
| 75 | 831 | 38.0 | +73 12 | 7.45 | *8.23* | G5 | 2 | .. | 38044i |
| 76 | 2963 | 38.0 | +44 10 | 7.32 | *7.46* | A5 | 6 | .. | 37997i |
| 77 | *3180* | 38.0 | +34 0 | 7.7 | *7.7* | B9 | 7 | R | 37845i |
| 78 | 3903 | 38.0 | + 6 50 | 9.4 | *9.4* | Ao | 3 | .. | 39461b |
| 79 | 3927 | 38.0 | + 5 38 | 8.6 | *8.6* | B9 | 3 | .. | 14170b |
| 80 | 3548 | 38.0 | − 1 3 | 8.7 | *9.7* | Ko | 6 | .. | 24025b |
| 81 | 4804 | 38.0 | − 9 9 | 9.4 | *9.9* | F8 | 2 | .. | 17034b |
| 82 | 4726 | 38.0 | −11 26 | 7.15 | *8.33* | K5 | 6 | .. | 38080b |
| 83 | 5165 | 38.0 | −14 33 | 8.7 | *8.7* | B9 | 4 | .. | 38080b |
| 84 | 5303 | 38.0 | −17 2 | 7.7 | *7.8* | A2 | 7 | 3,3 | 38080b |
| 85 | 5046 | 38.0 | −18 6 | 10.1 | *10.1* | A | 1 | .. | 38063b |
| 86 | 5047 | 38.0 | −18 27 | 9.2 | *10.2* | Ko | 1 | .. | 38063b |
| 87 | 5244 | 38.0 | −20 0 | 8.23 | 8.8 | G5 | 4 | .. | 14619b |
| 88 | 13383 | 38.0 | −25 35 | 10.2 | 9.7 | A3 | 2 | .. | 38105b |
| 89 | 13420 | 38.0 | −26 44 | 10.2 | 11.0 | K2 | 1 | .. | 40632b |
| 90 | 15287 | 38.0 | −29 32 | 8.3 | 8.7 | Ko | 4 | .. | 40632b |
| 91 | 12864 | 38.0 | −39 48 | 5.48 | 6.2 | F8 | 8 | R | 40285b |
| 92 | | 38.0 | −39 48 | | | A2 | | | |
| 93 | 12866 | 38.0 | −39 51 | 6.70 | 7.2 | Go | .. | 2,7 | **56**,143 |
| 94 | 12502 | 38.0 | −47 19 | 10.6 | 10.9 | Go | 1 | .. | 39665b |
| 95 | 12702 | 38.0 | −48 22 | 7.13 | 7.2 | A5 | 9 | .. | 39665b |
| 96 | 12701 | 38.0 | −48 34 | 7.3 | 8.0 | Ko | 6 | .. | 39665b |
| 97 | 11748 | 38.0 | −51 1 | 9.9 | 10.1 | A5 | 1 | .. | 39457b |
| 98 | 8836 | 38.0 | −55 6 | *9.5* | 9.8 | Fo | 3 | .. | 39457b |
| 99 | 971 | 38.0 | −79 58 | 8.93 | 9.8 | K2 | 1 | .. | 14161b |
| 100 | 3537 | 38.1 | +15 6 | 6.84 | *6.84* | Ao | 8 | .. | 37901i |



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1922AnHar..97....1C



## 173000 — 18h 38m.1

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3929 | 38.1 | + 5 24 | 9.1 | *10.2* | K2 | 2 | .. | 40333b |
| 2 | 3930 | 38.1 | + 5 7 | 8.96 | *9.38* | F5 | 6 | .. | 40333b |
| 3 | 3549 | 38.1 | − 1 44 | 7.7 | *7.6* | B5 | 7 | .. | 24025b |
| 4 | 4360 | 38.1 | − 3 18 | 8.7 | *9.7* | Ko | 5 | 0,5 | 24025b |
| 5 | 4736 | 38.1 | − 5 48 | 7.86 | *8.93* | K2 | 5 | 0,5 | 38111b |
| 6 | 4737 | 38.1 | − 5 53 | 9.9 | *9.7* | B3 | 1 | .. | 19014b |
| 7 | 4680 | 38.1 | − 7 12 | 10.6 | *10.7* | A2 | 1 | .. | 17034b |
| 8 | 4679 | 38.1 | − 7 50 | 10.1 | *10.1* | Ao | 2 | .. | 17034b |
| 9 | 4686 | 38.1 | − 8 23 | 5.09 | *5.87* | G5 | 5 | R | 44013b |
| 10 | 4805 | 38.1 | − 9 26 | 9.1 | *8.9* | B | 2 | .. | 19014b |
| 11 | 4729 | 38.1 | −11 36 | 8.9 | *8.8* | B5 | 3 | .. | 38080b |
| 12 | 5076 | 38.1 | −15 22 | 8.9 | *10.3* | Ma | 1 | .. | 38080b |
| 13 | 14666 | 38.1 | −23 31 | 10.2 | 9.7 | A5 | 3 | .. | 38105b |
| 14 | 14647 | 38.1 | −24 16 | 10.4 | 10.2 | F5 | 2 | .. | 38105b |
| 15 | 13384 | 38.1 | −25 52 | 10.4 | 11.0 | G5 | 2 | E | 38105b |
| 16 | 16127 | 38.1 | −30 30 | 8.5 | 9.6 | A2 | 4 | .. | 40632b |
| 17 | 15913 | 38.1 | −31 30 | 8.1 | 9.3 | Ko | 5 | .. | 39273b |
| 18 | 14450 | 38.1 | −32 30 | 10.6 | 9.9 | B9 | 3 | .. | 39273b |
| 19 | 13574 | 38.1 | −42 45 | 9.5 | 10.0 | Fo | 3 | .. | 40856b |
| 20 | 12847 | 38.1 | −44 52 | 8.90 | 9.1 | F5 | 8 | .. | 38141b |
| 21 | 12589 | 38.1 | −46 22 | 9.9 | 11.1 | Ko | 1 | .. | 39665b |
| 22 | 12504 | 38.1 | −47 33 | 9.5 | 10.0 | F8 | 3 | .. | 39665b |
| 23 | 12503 | 38.1 | −47 42 | 9.7 | 10.6 | K5 | 2 | .. | 39665b |
| 24 | 3458 | 38.2 | +40 22 | 8.0 | *8.8* | G5 | 1 | .. | 38500i |
| 25 | 3691 | 38.2 | +17 37 | 7.96 | *9.03* | K2 | 2 | .. | 37901i |
| 26 | 3615 | 38.2 | +14 45 | 7.29 | *7.29* | Ao | 7 | .. | 37901i |
| 27 | 3905 | 38.2 | + 6 40 | 8.9 | *10.0* | K2 | 1 | .. | 40333b |
| 28 | 3904 | 38.2 | + 6 7 | 8.6 | *8.6* | B8 | 4 | .. | 14170b |
| 29 | 3538 | 38.2 | − 0 40 | 9.4 | *10.4* | Ko | 1 | .. | 24025b |
| 30 | 4718 | 38.2 | − 2 8 | 9.4 | *9.5* | A2 | 4 | .. | 24025b |
| 31 | 4738 | 38.2 | − 5 34 | 8.42 | *8.48* | A2 | 6 | 0,6 | 17034b |
| 32 | 4855 | 38.2 | − 6 34 | 10.1 | *10.1* | B8 | 1 | .. | 19014b |
| 33 | 4681 | 38.2 | − 7 0 | 10.3 | *11.5* | K5 | 1 | .. | 17034b |
| 34 | 4687 | 38.2 | − 8 28 | 7.06 | *8.06* | Ko | 5 | .. | 17034b |
| 35 | 4768 | 38.2 | −10 50 | 8.5 | *9.6* | K2 | 3 | .. | 38080b |
| 36 | 5048 | 38.2 | −18 52 | 9.1 | *10.1* | Ko | 4 | .. | 38063b |
| 37 | 5140 | 38.2 | −19 21 | 9.4 | 9.2 | Ao | 3 | .. | 38063b |
| 38 | 14668 | 38.2 | −23 6 | 8.9 | 10.0 | Ko | 2 | .. | 38105b |
| 39 | 14672 | 38.2 | −23 7 | 10.9 | 10.0 | Ao | 2 | .. | 38105b |
| 40 | 14651 | 38.2 | −24 27 | 10.4 | 10.2 | Go | 3 | R | 38105b |
| 41 | | 38.2 | −24 27 | | 10.4 | | | | |
| 42 | 15290 | 38.2 | −29 2 | 8.1 | 9.9 | K2 | 2 | .. | 40632b |
| 43 | 13520 | 38.2 | −33 5 | 9.5 | 9.7 | F8 | 2 | .. | 39273b |
| 44 | 13522 | 38.2 | −33 29 | 7.5 | 8.4 | Go | 6 | .. | 39273b |
| 45 | 13067 | 38.2 | −41 32 | 8.6 | 9.7 | K5 | 3 | .. | 38141b |
| 46 | 12848 | 38.2 | −44 32 | 10.1 | 10.3 | Fo | 2 | .. | 38141b |
| 47 | 12122 | 38.2 | −50 59 | 6.60 | 5.9 | B8 | 6 | .. | 36342b |
| 48 | 11751 | 38.2 | −51 54 | 9.5 | 9.5 | Ko | 3 | .. | 39457b |
| 49 | 5961 | 38.2 | −62 5 | *9.0* | 9.0 | Ao | 4 | .. | 42464b |
| 50 | 5960 | 38.2 | −62 38 | *8.6* | 9.6 | Ko | 1 | .. | 42464b |
| 51 | 1827 | 38.3 | +58 8 | 8.3 | *8.6* | Fo | 5 | .. | 38518i |
| 52 | 3117 | 38.3 | +41 18 | 7.9 | *7.9* | Ao | 2 | .. | 38500i |
| 53 | 3084 | 38.3 | +27 32 | 8.8 | *8.8* | Ao | 3 | .. | 38456i |
| 54 | 3713 | 38.3 | +13 28 | 7.39 | *7.39* | Ao | 5 | .. | 37901i |
| 55 | 3815 | 38.3 | + 7 37 | 8.6 | *9.6* | Ko | 3 | .. | 14170b |
| 56 | 3816 | 38.3 | + 7 10 | 8.0 | *8.0* | Ao | 6 | .. | 14170b |
| 57 | 4563 | 38.3 | − 4 48 | 9.9 | *9.9* | Ao | 2 | .. | 38111b |
| 58 | 4683 | 38.3 | − 7 50 | var. | var. | F8p | 7 | R | 17034b |
| 59 | 5142 | 38.3 | −19 25 | 6.67 | 7.4 | F2 | 5 | .. | 10085b |
| 60 | 14673 | 38.3 | −23 22 | 9.3 | 10.6 | G5p | 2 | R | 40616b |
| 61 | | 38.3 | −23 22 | | 10.0 | | | | |
| 62 | 13424 | 38.3 | −26 21 | 9.5 | 10.2 | Ao | 3 | .. | 40632b |
| 63 | 14934 | 38.3 | −28 9 | 9.0 | 10.5 | Ko | 1 | .. | 40326b |
| 64 | 16133 | 38.3 | −30 5 | 7.4 | 9.0 | K2 | 4 | .. | 40632b |
| 65 | 13068 | 38.3 | −41 48 | 9.3 | 10.9 | K2 | 1 | .. | 38141b |
| 66 | 12592 | 38.3 | −46 43 | 8.3 | 9.1 | K2 | 5 | .. | 39665b |
| 67 | *11233* | 38.3 | −51 59 | *9.7* | 9.8 | A3 | 3 | .. | 39457b |
| 68 | 8840 | 38.3 | −55 17 | *9.4* | 9.8 | F5 | 4 | .. | 39457b |
| 69 | 7161 | 38.3 | −60 29 | 8.0 | 7.4 | B9 | 9 | .. | 40463b |
| 70 | 1940 | 38.3 | −73 1 | *9.1* | 9.7 | Go | 3 | .. | 42526b |
| 71 | 3816 | 38.4 | + 8 56 | 8.0 | *8.6* | Go | 6 | .. | 14170b |
| 72 | 3850 | 38.4 | + 4 55 | 9.4 | *9.4* | Ao | 2 | .. | 40333b |
| 73 | 3784 | 38.4 | + 3 41 | 7.8 | *7.8* | Ao | 3 | .. | 38022i |
| 74 | 3551 | 38.4 | − 1 39 | 7.37 | *8.72* | Ma | 5 | .. | 24025b |
| 75 | 4858 | 38.4 | − 6 15 | 9.9 | *9.9* | B9 | 3 | .. | 17034b |
| 76 | 4811 | 38.4 | − 9 2 | 8.5 | *8.6* | A3 | 6 | .. | 17034b |
| 77 | 5246 | 38.4 | −20 20 | 9.7 | 9.7 | Ko | 2 | .. | 38063b |
| 78 | 14457 | 38.4 | −32 0 | 9.2 | 9.6 | A5 | 3 | .. | 39273b |
| 79 | 13527 | 38.4 | −33 22 | 8.9 | 8.8 | Ao | 4 | .. | 39273b |
| 80 | 13579 | 38.4 | −42 1 | 8.9 | 9.2 | Go | 4 | .. | 40856b |
| 81 | 7487 | 38.4 | −58 43 | 9.1 | 9.6 | Fo | 2 | .. | 40463b |
| 82 | 4449 | 38.4 | −63 5 | *9.1* | 10.1 | Ko | 1 | .. | 42464b |
| 83 | 1321 | 38.4 | −77 10 | *8.4* | 8.5 | A2 | 8 | .. | 19008b |
| 84 | 1087 | 38.5 | +67 2 | 8.1 | *8.9* | G5 | 5 | .. | 37907i |
| 85 | 2023 | 38.5 | +54 13 | 9.6 | *9.7* | A2 | 1 | .. | 38559i |
| 86 | 3459 | 38.5 | +40 37 | 6.66 | *6.94* | Fo | 6 | .. | 38500i |
| 87 | 3285 | 38.5 | +34 38 | 6.12 | *6.00* | B5 | 8 | .. | 37845i |
| 88 | *3085* | 38.5 | +28 1 | 7.44 | *7.44* | Ao | 4 | .. | 38456i |
| 89 | 3086 | 38.5 | +27 34 | 8.4 | *8.5* | A2 | 3 | .. | 38456i |
| 90 | 3842 | 38.5 | + 9 53 | 8.12 | *9.30* | K5 | 4 | .. | 40333b |
| 91 | 3841 | 38.5 | + 9 3 | 8.0 | *8.5* | F8 | 5 | .. | 14170b |
| 92 | 4860 | 38.5 | − 6 10 | 9.9 | *10.5* | Go | 2 | .. | 17034b |
| 93 | 4859 | 38.5 | − 6 55 | 6.32 | *6.74* | F5 | 6 | .. | 44008b |
| 94 | 4771 | 38.5 | −10 16 | 8.7 | *9.3* | Go | 3 | 2,3 | 38080b |
| 95 | 5146 | 38.5 | −19 14 | 9.9 | 9.4 | G5 | 3 | .. | 38063b |
| 96 | 5247 | 38.5 | −20 11 | 9.9 | 10.3 | Ko | 1 | .. | 38063b |
| 97 | 14675 | 38.5 | −23 56 | 10.9 | 10.0 | A | 2 | .. | 38105b |
| 98 | 13390 | 38.5 | −25 28 | 8.5 | 9.0 | Fo | 4 | .. | 38105b |
| 99 | 13391 | 38.5 | −25 54 | 7.7 | 8.2 | F8 | 7 | 0,7 | 40616b |
| 100 | 16136 | 38.5 | −30 7 | 9.7 | 9.9 | A | 2 | .. | 40632b |



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| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 15921 | 38.5 | −31 57 | 9.7 | 9.6 | B9 | 3 | .. | 39273b |
| 2 | 14461 | 38.5 | −32 39 | 9.9 | 9.3 | Ao | 4 | .. | 39273b |
| 3 | 13077 | 38.5 | −34 25 | 9.3 | 9.6 | Ao | 2 | .. | 39273b |
| 4 | 12892 | 38.5 | −35 14 | 10.1 | 10.1 | Ko | 1 | .. | 39273b |
| 5 | 12826 | 38.5 | −37 59 | 8.6 | 9.5 | G5 | 3 | .. | 39272b |
| 6 | 12850 | 38.5 | −44 6 | 10.1 | 10.2 | Fo | 2 | .. | 38141b |
| 7 | 12509 | 38.5 | −47 9 | 8.0 | 8.2 | Fo | 6 | .. | 39665b |
| 8 | 1446 | 38.6 | +63 41 | 8.6 | 8.7 | A3 | 2 | .. | 37907i |
| 9 | 3047 | 38.6 | +43 26 | 7.94 | *8.22* | Fo | 2 | .. | 37997i |
| 10 | 3498 | 38.6 | +39 53 | 8.77 | *9.05* | Fo | 1 | .. | 38500i |
| 11 | 3593 | 38.6 | +16 32 | 7.82 | *8.24* | F5 | 2 | .. | 37901i |
| 12 | 3852 | 38.6 | + 4 38 | 8.9 | *9.2* | Fo | 4 | .. | 40333b |
| 13 | *3666* | 38.6 | + 3 0 | 8.4 | *9.5* | K2 | 4 | .. | 24025b |
| 14 | 3539 | 38.6 | − 0 21 | 9.0 | *9.3* | F2 | 4 | .. | 24025b |
| 15 | 5003 | 38.6 | −16 30 | 9.7 | *9.7* | B9 | 4 | .. | 38063b |
| 16 | 5147 | 38.6 | −19 34 | 10.6 | 10.0 | A2 | 1 | .. | 38063b |
| 17 | 13394 | 38.6 | −25 5 | 5.76 | 6.4 | B8 | .. | 5,9- | **56**,143 |
| 18 | 13393 | 38.6 | −25 29 | 9.5 | 9.3 | Ao | 3 | .. | 38105b |
| 19 | 15297 | 38.6 | −29 37 | 9.5 | 9.3 | G5 | 4 | .. | 40632b |
| 20 | 16139 | 38.6 | −30 1 | 9.5 | 9.3 | F8 | 3 | .. | 40632b |
| 21 | 12893 | 38.6 | −35 5 | 9.33 | 10.1 | Ko | 1 | .. | 39273b |
| 22 | 12894 | 38.6 | −35 58 | 6.62 | 8.3 | Ko | .. | 0,7 | **28**,213 |
| 23 | 13585 | 38.6 | −42 32 | 8.4 | 9.1 | G5 | 4 | .. | 40856b |
| 24 | 12510 | 38.6 | −47 47 | 9.3 | 10.0 | A2 | 3 | .. | 39665b |
| 25 | 12707 | 38.6 | −48 23 | 8.6 | 8.3 | A5 | 5 | .. | 39665b |
| 26 | 12324 | 38.6 | −49 58 | 9.3 | 8.6 | A5 | 4 | .. | 39457b |
| 27 | .858 | 38.7 | +72 11 | 8.7 | *9.5* | G5 | 3 | .. | 38029i |
| 28 | 2647 | 38.7 | +50 36 | 7.8 | *8.8* | Ko | 2 | .. | 38559i |
| 29 | 2761 | 38.7 | +45 43 | 7.9 | *7.9* | Ao | 2 | .. | 37997i |
| 30 | 3288 | 38.7 | +34 27 | 8.4 | *9.6* | K5 | 1 | .. | 37845i |
| 31 | 3289 | 38.7 | +34 13 | 9.2 | *9.2* | A | 1 | .. | 37845i |
| 32 | 3606 | 38.7 | +25 40 | 8.2 | *9.2* | K | 2 | .. | 37848i |
| 33 | 3697 | 38.7 | +17 58 | 7.7 | *7.7* | B9 | 3 | .. | 19372i |
| 34 | 3908 | 38.7 | + 6 52 | 9.2 | *10.2* | Ko | 2 | .. | 40333b |
| 35 | 3552 | 38.7 | − 1 41 | 9.4 | *9.7* | Fo | 5 | .. | 24025b |
| 36 | 4720 | 38.7 | − 2 10 | 8.1 | *8.9* | G5 | 6 | .. | 24025b |
| 37 | 4565 | 38.7 | − 4 35 | 8.5 | *9.5* | Ko | 4 | .. | 38111b |
| 38 | 5083 | 38.7 | −13 20 | var. | var. | Nb | .. | R | M |
| 39 | 5049 | 38.7 | −18 27 | 10.6 | *10.6* | Ao | 2 | .. | 38063b |
| 40 | 5148 | 38.7 | −19 30 | var. | var. | Ao | 1 | R | 38063b |
| 41 | 5127 | 38.7 | −21 4 | 8.3 | 8.8 | K2 | 5 | .. | 40616b |
| 42 | 13153 | 38.7 | −27 11 | 10.7 | 9.6 | B9 | 3 | .. | 40326b |
| 43 | 14942 | 38.7 | −28 20 | 9.5 | 9.6 | F2 | 3 | .. | 40326b |
| 44 | 16146 | 38.7 | −30 52 | 9.5 | 9.7 | A5 | 2 | .. | 39273b |
| 45 | 15930 | 38.7 | −31 51 | 10.2 | 10.2 | G5 | 1 | .. | 39273b |
| 46 | 13529 | 38.7 | −33 25 | 9.0 | 9.0 | F8 | 3 | .. | 39273b |
| 47 | 12895 | 38.7 | −35 36 | 8.9 | 9.3 | F5 | 5 | .. | 40737b |
| 48 | 12829 | 38.7 | −37 57 | 8.9 | 9.5 | Go | 3 | .. | 39272b |
| 49 | 12875 | 38.7 | −39 55 | 9.3 | 9.5 | Go | 3 | .. | 40285b |
| 50 | 12851 | 38.7 | −44 58 | 8.36 | 8.8 | Fo | 9 | .. | 38141b |
| 51 | 12737 | 38.7 | −45 15 | 10.3 | 10.3 | Ao | 2 | .. | 38144b |
| 52 | 12599 | 38.7 | −46 6 | 9.7 | 9.7 | G5 | 3 | .. | 39665b |
| 53 | 8844 | 38.7 | −55 10 | *9.4* | 10.4 | Ko | 1 | .. | 39457b |
| 54 | 2762 | 38.8 | +45 49 | 8.02 | *8.10* | A3 | 2 | .. | 37997i |
| 55 | 3457 | 38.8 | +22 44 | 7.7 | *8.8* | K2 | 3 | .. | 36075i |
| 56 | 3531 | 38.8 | +21 27 | 7.7 | *8.7* | Ko | 3 | .. | 37848i |
| 57 | 3846 | 38.8 | + 9 6 | 8.7 | *8.7* | Ao | 3 | .. | 14170b |
| 58 | 3934 | 38.8 | + 5 37 | 8.1 | *9.1* | Ko | 2 | .. | 40333b |
| 59 | 3933 | 38.8 | + 5 32 | 8.1 | *8.2* | A2 | 8 | .. | 40333b |
| 60 | 3540 | 38.8 | − 0 19 | 7.9 | *7.9* | Ao | 7 | .. | 24025b |
| 61 | 4364 | 38.8 | − 3 4 | 10.1 | *11.2* | K2 | 1 | .. | 38111b |
| 62 | 14661 | 38.8 | −24 15 | 9.7 | 9.3 | B9 | 4 | .. | 38105b |
| 63 | 15301 | 38.8 | −29 12 | 10.0 | 9.9 | Ao | 3 | .. | 40632b |
| 64 | 12830 | 38.8 | −37 45 | 8.9 | 9.5 | A3 | 4 | .. | 39272b |
| 65 | 13075 | 38.8 | −41 35 | 7.4 | 8.8 | Ko | 5 | .. | 38141b |
| 66 | 12853 | 38.8 | −44 36 | 9.3 | 10.3 | K5 | 2 | .. | 38141b |
| 67 | 5963 | 38.8 | −62 20 | *7.2* | 7.7 | F8 | 7 | .. | 42464b |
| 68 | 3754 | 38.8 | −65 11 | 5.89 | *5.97* | A3 | .. | 2,9 R | **28**,213 |
| 69 | 3239 | 38.9 | +36 27 | 7.19 | *7.17* | B9 | 7 | .. | 37845i |
| 70 | 3063 | 38.9 | +28 12 | 7.52 | *7.50* | B9 | 5 | .. | 38456i |
| 71 | 3762 | 38.9 | +19 22 | 7.12 | *7.10* | B9 | 5 | .. | 37848i |
| 72 | 3701 | 38.9 | +17 23 | 7.16 | *7.14* | Ao | 6 | .. | 37901i |
| 73 | 3594 | 38.9 | +16 5 | 7.7 | *7.8* | A5 | 2 | .. | 37901i |
| 74 | 3668 | 38.9 | + 2 31 | 7.7 | *8.3* | Go | 7 | .. | 24025b |
| 75 | 5006 | 38.9 | −16 54 | 9.4 | *9.7* | Fo | 4 | .. | 38063b |
| 76 | 5149 | 38.9 | −19 26 | 9.2 | 8.8 | B9 | 3 | .. | 14619b |
| 77 | 14683 | 38.9 | −23 8 | 10.7 | 10.3 | Ao | 2 | .. | 38105b |
| 78 | 14684 | 38.9 | −23 45 | 9.2 | 9.7 | G5 | 4 | .. | 38105b |
| 79 | 14946 | 38.9 | −28 20 | 8.0 | 8.1 | B9 | 7 | .. | 40326b |
| 80 | 14948 | 38.9 | −28 29 | 10.9 | 9.7 | Fo | 3 | .. | 40326b |
| 81 | 12780 | 38.9 | −40 53 | 8.6 | 9.5 | F8 | 5 | .. | 38141b |
| 82 | 13592 | 38.9 | −42 38 | 7.46 | 8.2 | Ko | 4 | .. | 40856b |
| 83 | 13595 | 38.9 | −42 40 | 7.15 | 7.2 | F2 | 9 | .. | 40856b |
| 84 | 12854 | 38.9 | −44 20 | 6.72 | 7.9 | K5 | 8 | .. | 38141b |
| 85 | 12600 | 38.9 | −46 42 | 10.1 | 10.6 | Ko | 1 | 2,1- | 40856b |
| 86 | 12327 | 38.9 | −49 37 | 9.5 | 9.2 | F8 | 3 | .. | 39665b |
| 87 | 7489 | 38.9 | −58 4 | 8.8 | 9.6 | Ko | 1 | .. | 40463b |
| 88 | 1322 | 38.9 | −77 36 | *9.0* | 9.8 | G5 | 3 | .. | 42793b |
| 89 | 2024 | 39.0 | +54 49 | 8.1 | *8.5* | F5 | 3 | .. | 38559i |
| 90 | 3608 | 39.0 | +25 21 | 8.6 | *8.7* | A2 | 2 | .. | 37848i |
| 91 | 3631 | 39.0 | +10 22 | 8.7 | *8.7* | Ao | 2 | .. | 38537i |
| 92 | 3912 | 39.0 | + 6 57 | 9.4 | *10.4* | Ko | 1 | .. | 39461b |
| 93 | 3910 | 39.0 | + 6 25 | 8.7 | *8.7* | B9 | 4 | .. | 14170b |
| 94 | 3858 | 39.0 | + 4 51 | 9.00 | *9.42* | F5 | 3 | .. | 40333b |
| 95 | 3857 | 39.0 | + 4 33 | 8.9 | *10.1* | K5 | 2 | .. | 40333b |
| 96 | 3787 | 39.0 | + 3 15 | 8.6 | *8.6* | Ao | 6 | E | 24025b |
| 97 | 3789 | 39.0 | + 3 12 | 9.0 | *9.8* | G5 | 2 | E | 24025b |
| 98 | 3553 | 39.0 | − 1 39 | 8.1 | *7.9* | B3 | 6 | .. | 24025b |
| 99 | 4365 | 39.0 | − 3 20 | 10.1 | *11.1* | Ko | 1 | .. | 38111b |
| 100 | *4742* | 39.0 | − 4 59 | 9.7 | *9.8* | A2 | 3 | .. | 38111b |



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## 173200

**18h 39m.0**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4865 | 39.0 | − 6 20 | 10.7 | *10.7* | Ao | 2 | .. | 17034b |
| 2 | 4687 | 39.0 | − 7 44 | 8.8 | *9.1* | Fo | 7 | .. | 17034b |
| 3 | 4690 | 39.0 | − 8 27 | 10.3 | *10.3* | B9 | 2 | .. | 17034b |
| 4 | *5084* | 39.0 | −12 59 | 9.1 | *9.1* | B9 | 1 | .. | 38080b |
| 5 | 5128 | 39.0 | −21 28 | 9.7 | 9.1 | Fo | 4 | .. | 40616b |
| 6 | 14687 | 39.0 | −23 21 | 8.5 | 8.8 | Go | 4 | .. | 40616b |
| 7 | 13160 | 39.0 | −27 47 | 10.2 | 9.3 | Ao | 3 | .. | 40326b |
| 8 | 14952 | 39.0 | −28 13 | 10.7 | 10.5 | B8 | 4 | .. | 40326b |
| 9 | 15935 | 39.0 | −31 45 | 9.7 | 10.2 | Ko | 1 | .. | 39273b |
| 10 | 7166 | 39.0 | −60 38 | 9.2 | 9.9 | Ko | 1 | .. | 42464b |
| 11 | 3958 | 39.0 | −64 33 | *9.2* | 9.3 | A3 | 3 | .. | 42464b |
| 12 | 667 | 39.0 | −83 45 | *8.8* | 9.6 | G5 | 2 | .. | 14161b |
| 13 | 3326 | 39.1 | +29 42 | 8.8 | *10.2* | Ma | 1 | .. | 38456i |
| 14 | 3504 | 39.1 | +24 7 | 8.7 | *8.7* | A | 2 | .. | 37848i |
| 15 | 3633 | 39.1 | +10 48 | 6.84 | *8.02* | K5 | 2 | .. | 37901i |
| 16 | 3819 | 39.1 | + 8 31 | 7.19 | *7.69* | F8 | 8 | .. | 14170b |
| 17 | 3914 | 39.1 | + 6 48 | 9.7 | *9.8* | A2 | 2 | .. | 39461b |
| 18 | 3913 | 39.1 | + 6 32 | 9.2 | *10.2* | Ko | 1 | .. | 39461b |
| 19 | 4689 | 39.1 | − 7 13 | 8.3 | *8.1* | Bop | 8 | R | 17034b |
| 20 | 4688 | 39.1 | − 7 41 | 9.4 | *9.7* | Fo | 5 | .. | 17034b |
| 21 | 4815 | 39.1 | − 9 25 | 9.4 | *9.4* | Ao | 2 | 0,2 | 39406b |
| 22 | 4776 | 39.1 | −10 33 | 8.5 | *8.5* | Ao | 5 | .. | 38080b |
| 23 | 4734 | 39.1 | −11 23 | 9.7 | *9.7* | Ao | 1 | .. | 38080b |
| 24 | 5007 | 39.1 | −16 12 | 8.5 | *8.5* | B9 | 5 | .. | 38080b |
| 25 | 5051 | 39.1 | −18 1 | 10.1 | *10.1* | Ao | 1 | .. | 38063b |
| 26 | 5052 | 39.1 | −18 12 | 9.1 | *9.2* | A2 | 4 | .. | 14619b |
| 27 | 5050 | 39.1 | −18 15 | 10.1 | *10.1* | Ao | 3 | .. | 38063b |
| 28 | 5129 | 39.1 | −21 38 | 9.4 | 9.5 | K2 | 3 | .. | 40616b |
| 29 | 5130 | 39.1 | −21 52 | 9.4 | 9.1 | G5 | 3 | .. | 40616b |
| 30 | 14688 | 39.1 | −23 53 | 10.4 | 10.3 | A2 | 2 | .. | 38105b |
| 31 | 14668 | 39.1 | −24 24 | 9.2 | 10.4 | Ko | 2 | .. | 38105b |
| 32 | 13063 | 39.1 | −38 11 | 9.5 | 10.5 | F5 | 2 | .. | 40737b |
| 33 | 11756 | 39.1 | −51 1 | 11.6 | 10.1 | Ko | 1 | .. | 39457b |
| 34 | 9307 | 39.1 | −53 50 | *10.3* | 10.4 | A3 | 2 | .. | 39457b |
| 35 | 8848 | 39.1 | −55 34 | *10.7* | 10.7 | Ao | 2 | .. | 39661b |
| 36 | 7491 | 39.1 | −58 10 | 8.9 | 9.6 | G5 | 2 | .. | 40463b |
| 37 | 1014 | 39.2 | +68 49 | 8.7 | *9.7* | Ko | 2 | .. | 38029i |
| 38 | 2268 | 39.2 | +52 29 | 9.0 | *9.1* | A2 | 1 | .. | 38559i |
| 39 | *3279* | 39.2 | +31 2 | 8.0 | *8.0* | B9 | 3 | .. | 37845i |
| 40 | 3327 | 39.2 | +29 43 | 9.3 | *9.4* | A2 | 1 | .. | 38456i |
| 41 | 3426 | 39.2 | +23 21 | 8.2 | *9.2* | Ko | 2 | .. | 37848i |
| 42 | *3463* | 39.2 | +23 0 | 7.9 | *8.7* | G5 | 2 | .. | 37848i |
| 43 | 3461 | 39.2 | +22 45 | 8.2 | *9.2* | Ko | 3 | .. | 36075i |
| 44 | 3859 | 39.2 | + 4 54 | 8.90 | *9.46* | Go | 4 | .. | 40333b |
| 45 | 3860 | 39.2 | + 4 50 | 8.10 | *8.52* | F5 | 7 | .. | 40333b |
| 46 | 4726 | 39.2 | − 2 36 | 8.7 | *9.7* | Ko | 6 | .. | 38111b |
| 47 | 4725 | 39.2 | − 2 38 | 10.1 | *11.1* | Ko | 2 | .. | 38111b |
| 48 | 4568 | 39.2 | − 4 42 | 10.3 | *10.8* | F8 | 2 | .. | 38111b |
| 49 | 4868 | 39.2 | − 6 44 | 10.6 | *10.7* | A2 | 4 | .. | 17034b |
| 50 | 4777 | 39.2 | −10 43 | 8.7 | *9.1* | F5 | 5 | .. | 38080b |
| 51 | 5172 | 39.2 | −14 28 | 8.8 | *8.6* | B3 | 3 | .. | 38080b |
| 52 | *5251* | 39.2 | −19 58 | 9.7 | 9.8 | Go | 2 | .. | 38063b |
| 53 | 5252 | 39.2 | −20 34 | 10.1 | 10.6 | Mb | .. | .. | M |
| 54 | 14692 | 39.2 | −23 43 | 10.9 | 10.6 | A | 2 | .. | 38105b |
| 55 | 12975 | 39.2 | −36 50 | 10.3 | 10.1 | Ao | 1 | .. | 40737b |
| 56 | 12835 | 39.2 | −37 4 | 10.3 | 9.8 | Ao | 2 | .. | 40737b |
| 57 | 13064 | 39.2 | −38 49 | 8.9 | 10.5 | Ko | 2 | 5,1 | 40737b |
| 58 | 13602 | 39.2 | −42 2 | 7.10 | 8.0 | Ko | 7 | .. | 40856b |
| 59 | 13600 | 39.2 | −42 13 | 8.5 | 9.1 | K2 | 4 | .. | 40856b |
| 60 | 13601 | 39.2 | −42 34 | 9.0 | 9.1 | Fo | 5 | .. | 40856b |
| 61 | 12603 | 39.2 | −46 2 | 10.3 | 10.3 | Ao | 2 | .. | 38141b |
| 62 | 12330 | 39.2 | −49 11 | 9.7 | 9.2 | Ao | 4 | .. | 39665b |
| 63 | 12135 | 39.2 | −50 12 | 6.56 | 7.2 | Fo | 8 | .. | 39665b |
| 64 | 12133 | 39.2 | −50 56 | 8.5 | 8.0 | B9 | 8 | .. | 39457b |
| 65 | 11237 | 39.2 | −52 44 | 9.2 | 9.8 | Go | 3 | .. | 39457b |
| 66 | 9308 | 39.2 | −53 5 | 9.0 | 10.4 | G5 | 2 | .. | 39457b |
| 67 | 9071 | 39.2 | −54 53 | *9.7* | 10.7 | Ko | 1 | .. | 39457b |
| 68 | 9196 | 39.2 | −57 20 | 9.1 | 10.1 | Ko | 1 | .. | 40463b |
| 69 | 674 | 39.3 | +75 25 | 7.92 | *8.06* | A5 | 3 | .. | 38044i |
| 70 | 3066 | 39.3 | +28 50 | 8.5 | *8.6* | A5 | 3 | .. | 38456i |
| 71 | 3722 | 39.3 | +13 5 | 8.1 | *8.4* | F | 1 | .. | 37901i |
| 72 | 3631 | 39.3 | +12 4 | 7.28 | *8.35* | K2 | 2 | .. | 37901i |
| 73 | 3849 | 39.3 | + 9 18 | 8.7 | *9.2* | F8 | 2 | .. | 14170b |
| 74 | 3861 | 39.3 | + 4 44 | 10.0 | *10.0* | Ao | 3 | .. | 40333b |
| 75 | 3541 | 39.3 | − 0 13 | 10.0 | *10.1* | A2 | 3 | .. | 24025b |
| 76 | 4367 | 39.3 | − 3 16 | 8.7 | *8.8* | A2 | 6 | 1,7 | 38111b |
| 77 | 4368 | 39.3 | − 3 23 | 9.1 | *9.9* | G5 | 3 | 5,2 | 38111b |
| 78 | 4869 | 39.3 | − 6 38 | 7.02 | *8.20* | K5 | 7 | .. | 17034b |
| 79 | 4871 | 39.3 | − 6 45 | 9.1 | *10.2* | K2 | 4 | .. | 17034b |
| 80 | 4692 | 39.3 | − 8 14 | 9.4 | *9.4* | Ao | 3 | .. | 17034b |
| 81 | 4779 | 39.3 | −10 39 | 9.4 | *9.4* | Ao | 1 | .. | 38080b |
| 82 | 5131 | 39.3 | −21 7 | 6.35 | 7.0 | F5 | 6 | 0,10 | 10085b |
| 83 | 13537 | 39.3 | −33 26 | Neb. | Neb. | Pd | 2 | R | 39273b |
| 84 | 13087 | 39.3 | −34 41 | 7.9 | 9.2 | Ko | 6 | .. | 39273b |
| 85 | 12885 | 39.3 | −39 58 | 9.3 | 11.0 | Mb | .. | .. | M |
| 86 | 12516 | 39.3 | −47 11 | 11.0 | 11.0 | Ko | 1 | .. | 39665b |
| 87 | *2651* | 39.4 | +51 1 | 7.9 | *8.0* | A2 | 5 | .. | 38559i |
| 88 | 2537 | 39.4 | +46 18 | 8.5 | *9.5* | Ko | 1 | .. | 37997i |
| 89 | 2971 | 39.4 | +44 9 | 8.1 | *8.9* | G5 | 1 | .. | 37997i |
| 90 | 3502 | 39.4 | +39 48 | 8.5 | *9.5* | Ko | 1 | .. | 38500i |
| 91 | 3243 | 39.4 | +36 51 | 8.10 | .. | Nb | .. | R | M |
| 92 | 3581 | 39.4 | +11 6 | 8.4 | *8.4* | B8 | 3 | .. | 40333b |
| 93 | 3670 | 39.4 | + 2 13 | 9.0 | *10.1* | K2 | 1 | .. | 24025b |
| 94 | 3555 | 39.4 | − 1 54 | 8.62 | *9.40* | G5 | 4 | .. | 24025b |
| 95 | 4744 | 39.4 | − 5 18 | 8.3 | *8.4* | A5 | 7 | 2,7 | 17034b |
| 96 | 5254 | 39.4 | −20 21 | 9.4 | 10.0 | Go | 2 | .. | 38063b |
| 97 | 5253 | 39.4 | −20 45 | 8.1 | 8.5 | F5 | 2 | .. | 10085b |
| 98 | 14694 | 39.4 | −23 55 | 10.4 | 9.7 | Ao | 3 | .. | 38105b |
| 99 | 13440 | 39.4 | −26 57 | 9.0 | 9.3 | Ao | 4 | .. | 40326b |
| 100 | 13170 | 39.4 | −27 6 | 3.30 | *3.25* | B8 | .. | R | **28**,213 |



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## 173300 — $18^h\,39^m.4$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 14958 | 39.4 | −28 0 | 9.0 | 10.5 | Ma | 1 | .. | 40326b |
| 2 | 14956 | 39.4 | −28 53 | 8.3 | 8.2 | A | 5 | .. | 40632b |
| 3 | 15314 | 39.4 | −29 36 | 10.9 | 9.9 | Ao | 1 | .. | 40632b |
| 4 | 14476 | 39.4 | −32 18 | 9.9 | 9.6 | Fo | 3 | .. | 39273b |
| 5 | 12838 | 39.4 | −37 7 | 10.3 | 9.9 | A3 | 2 | .. | 40737b |
| 6 | 12863 | 39.4 | −44 35 | 11.0 | 10.9 | A2 | 1 | .. | 38141b |
| 7 | 12604 | 39.4 | −46 29 | 9.9 | 9.1 | Ao | 5 | .. | 39665b |
| 8 | 12333 | 39.4 | −49 25 | 9.5 | 9.5 | Go | 3 | .. | 39665b |
| 9 | 12138 | 39.4 | −50 0 | 10.6 | 9.8 | A2 | 2 | .. | 39665b |
| 10 | 11758 | 39.4 | −51 10 | 9.3 | 8.9 | F8 | 5 | .. | 39457b |
| 11 | 11760 | 39.4 | −51 15 | 10.1 | 10.4 | Ko | 1 | .. | 39457b |
| 12 | 8851 | 39.4 | −55 11 | *9.4* | 9.8 | F5 | 4 | .. | 39457b |
| 13 | 2307 | 39.4 | −72 18 | *9.1* | 9.9 | G5 | 2 | .. | 42526b |
| 14 | 3583 | 39.5 | +11 44 | 8.1 | *8.2* | A2 | 2 | .. | 37901i |
| 15 | 4005 | 39.5 | + 0 4 | 8.48 | *9.48* | Ko | 6 | .. | 24025b |
| 16 | 3556 | 39.5 | − 1 5 | 9.2 | *9.2* | Ao | 4 | .. | 24025b |
| 17 | 4570 | 39.5 | − 4 3 | 9.7 | *10.2* | F8 | 2 | .. | 38111b |
| 18 | 4872 | 39.5 | − 6 27 | 9.4 | *9.4* | B9 | 7 | .. | 17034b |
| 19 | 4692 | 39.5 | − 7 41 | 9.7 | *9.7* | B8 | 4 | .. | 17034b |
| 20 | 4735 | 39.5 | −11 34 | 6.97 | *6.92* | B8 | 9 | 1,4 | 38080b |
| 21 | 5156 | 39.5 | −12 54 | 8.5 | *9.3* | G5 | 2 | .. | 38080b |
| 22 | 5010 | 39.5 | −16 54 | 9.9 | *10.0* | A3 | 2 | .. | 38063b |
| 23 | 5255 | 39.5 | −20 54 | 8.9 | 9.7 | K2 | 2 | .. | 40616b |
| 24 | 13071 | 39.5 | −38 39 | 9.7 | 10.5 | F5 | 2 | .. | 40737b |
| 25 | 12334 | 39.5 | −49 0 | 9.5 | 9.8 | Go | 3 | .. | 39665b |
| 26 | 2844 | 39.6 | +49 18 | 7.87 | *9.05* | K5 | 2 | .. | 38559i |
| 27 | 3865 | 39.6 | + 4 56 | 9.05 | *9.83* | G5 | 2 | .. | 40333b |
| 28 | *3764* | 39.6 | + 2 1 | 8.5 | *9.6* | K2 | 5 | .. | 24025b |
| 29 | 3763 | 39.6 | + 1 47 | 8.1 | *9.5* | Ma | 3 | .. | 24025b |
| 30 | 4006 | 39.6 | + 0 37 | 9.2 | *10.0* | G5 | 1 | .. | 24025b |
| 31 | 4370 | 39.6 | − 3 40 | 10.3 | *10.3* | Ao | 1 | .. | 38111b |
| 32 | 4369 | 39.6 | − 3 43 | 8.7 | *9.0* | Fo | 5 | 2,4 | 38111b |
| 33 | 5011 | 39.6 | −16 44 | 9.7 | *9.8* | A2 | 3 | .. | 38063b |
| 34 | 5257 | 39.6 | −20 4 | 10.3 | 10.0 | Ao | 3 | .. | 38063b |
| 35 | 15317 | 39.6 | −29 5 | 9.2 | 9.0 | A3 | 4 | .. | 40632b |
| 36 | 16168 | 39.6 | −30 17 | 10.4 | 9.3 | A5 | 2 | .. | 40632b |
| 37 | 12908 | 39.6 | −35 58 | 8.9 | 9.3 | F5 | 4 | .. | 40737b |
| 38 | 13073 | 39.6 | −38 57 | 8.6 | 9.1 | B9 | 5 | .. | 40285b |
| 39 | 12805 | 39.6 | −43 54 | 7.7 | 7.9 | Fo | 10 | .. | 38141b |
| 40 | 12335 | 39.6 | −49 5 | 9.5 | 9.5 | Go | 3 | .. | 39665b |
| 41 | 12140 | 39.6 | −50 57 | 9.2 | 9.2 | Go | 4 | .. | 39457b |
| 42 | 9074 | 39.6 | −54 57 | *9.8* | 10.4 | Go | 1 | .. | 39457b |
| 43 | 8852 | 39.6 | −55 43 | 8.8 | 9.8 | F8 | 3 | .. | 39661b |
| 44 | 4451 | 39.6 | −63 23 | *8.0* | 8.0 | Ao | 8 | .. | 42464b |
| 45 | 3596 | 39.6 | −67 24 | *8.2* | 9.3 | K2 | 4 | .. | 41598b |
| 46 | 1945 | 39.6 | −73 43 | *7.8* | 7.9 | A2 | 6 | .. | 42526b |
| 47 | 3823 | 39.7 | + 7 23 | 8.9 | *9.9* | Ko | 3 | .. | 40333b |
| 48 | 4819 | 39.7 | − 9 31 | 9.1 | *9.1* | B8 | 4 | 1,3 | 19014b |
| 49 | 5158 | 39.7 | −12 42 | 8.69 | *9.87* | K5 | 1 | .. | 38080b |
| 50 | 5175 | 39.7 | −14 22 | 9.9 | *10.5* | Go | 1 | .. | 38080b |
| 51 | 5013 | 39.7 | −16 37 | 9.7 | *9.7* | Ao | 3 | .. | 38063b |
| 52 | 13173 | 39.7 | −27 53 | 9.5 | 9.0 | B9 | 5 | .. | 40326b |
| 53 | 15321 | 39.7 | −29 56 | 10.2 | 9.9 | Ao | 1 | .. | 40632b |
| 54 | 16169 | 39.7 | −30 36 | var. | var. | A2 | 1 | R | 40632b |
| 55 | 13544 | 39.7 | −33 22 | 9.3 | 9.9 | G5 | 2 | .. | 39273b |
| 56 | 12840 | 39.7 | −37 49 | 9.9 | 9.8 | A2 | 3 | .. | 40737b |
| 57 | 12887 | 39.7 | −39 50 | 6.78 | 8.2 | Ma | 6 | .. | 40285b |
| 58 | 13616 | 39.7 | −42 43 | 10.3 | 10.3 | Ao | 2 | .. | 38141b |
| 59 | 12718 | 39.7 | −48 14 | 9.9 | 10.4 | Ko | 1 | .. | 39665b |
| 60 | 12336 | 39.7 | −49 45 | 7.06 | 6.7 | B9 | 8 | .. | 39665b |
| 61 | 11240 | 39.7 | −52 35 | 8.5 | 8.7 | B9 | 7 | .. | 39457b |
| 62 | 11241 | 39.7 | −52 56 | *9.3* | 9.8 | F8 | 4 | .. | 39457b |
| 63 | 3960 | 39.7 | −64 54 | 8.09 | 9.5 | K2 | 2 | .. | 42464b |
| 64 | 1947 | 39.7 | −73 11 | *8.6* | 9.1 | F8 | 4 | .. | 42526b |
| 65 | 3271 | 39.8 | +38 16 | 8.4 | *8.4* | Ao | 2 | .. | 38500i |
| 66 | 3342 | 39.8 | +35 26 | 8.4 | *8.4* | A | 1 | .. | 37845i |
| 67 | *3091* | 39.8 | +28 0 | 8.5 | *9.5* | Ko | 2 | .. | 38456i |
| 68 | 3794 | 39.8 | +18 5 | 7.9 | *9.0* | K2 | 2 | .. | 19372i |
| 69 | 3824 | 39.8 | + 7 52 | 8.0 | *8.1* | A2 | 6 | .. | 14170b |
| 70 | 3766 | 39.8 | + 1 57 | 5.04 | *4.92* | B5 | .. | 4,10 | 56,95 - |
| 71 | 3543 | 39.8 | − 0 29 | 6.80 | *6.78* | B9 | 5 | .. | 38022i |
| 72 | 4745 | 39.8 | − 5 37 | 8.31 | *8.87* | Go | 6 | 0,6 | 17034b |
| 73 | 4746 | 39.8 | − 5 56 | 10.1 | *11.2* | K2 | 1 | .. | 19014b |
| 74 | 4694 | 39.8 | − 7 5 | 9.4 | *10.4* | Ko | 2 | .. | 17034b |
| 75 | 5310 | 39.8 | −17 39 | 7.06 | *6.89* | B3 | 4 | .. | 10085b |
| 76 | 14699 | 39.8 | −23 45 | 9.7 | 10.6 | Ko | 1 | .. | 38105b |
| 77 | 13449 | 39.8 | −26 44 | 11.2 | 10.2 | A2 | 2 | .. | 40632b |
| 78 | 13176 | 39.8 | −27 37 | 6.70 | 7.8 | G5 | 9 | .. | 40326b |
| 79 | 15951 | 39.8 | −31 15 | 9.5 | 9.3 | Ao | 4 | .. | 40632b |
| 80 | 12611 | 39.8 | −46 6 | 9.5 | 9.2 | Fo | 4 | .. | 38141b |
| 81 | 12612 | 39.8 | −46 58 | 9.9 | 10.6 | F5 | 2 | 0,1 | 39665b |
| 82 | 12141 | 39.8 | −50 38 | 9.5 | 10.1 | Ko | 1 | .. | 39457b |
| 83 | 3505 | 39.9 | +39 13 | 6.55 | *7.73* | K5 | 4 | .. | 38500i |
| 84 | 3281 | 39.9 | +30 18 | 8.0 | *8.0* | Ao | 2 | .. | 38456i |
| 85 | 4571 | 39.9 | − 4 47 | 9.9 | *10.0* | A3 | 2 | .. | 38111b |
| 86 | 4695 | 39.9 | − 7 5 | 10.1 | *10.1* | B9 | 4 | .. | 17034b |
| 87 | 4738 | 39.9 | −11 0 | 10.3 | *10.3* | Ao | 1 | .. | 38080b |
| 88 | 5159 | 39.9 | −12 42 | 7.72 | *8.72* | Ko | 4 | .. | 38080b |
| 89 | 5179 | 39.9 | −14 46 | 9.7 | *9.7* | Ao | 3 | .. | 38080b |
| 90 | 5015 | 39.9 | −16 43 | 10.1 | *10.1* | Ao | 3 | .. | 38063b |
| 91 | 13452 | 39.9 | −26 35 | 9.2 | 9.9 | G5 | 2 | .. | 40632b |
| 92 | 14967 | 39.9 | −28 1 | 10.7 | 10.8 | G5 | 1 | .. | 40632b |
| 93 | 12983 | 39.9 | −36 56 | 9.3 | 9.8 | Ko | 3 | .. | 40737b |
| 94 | 12721 | 39.9 | −48 45 | 10.6 | 10.9 | Ko | 1 | .. | 39665b |
| 95 | 11242 | 39.9 | −52 18 | 8.9 | 9.0 | A2 | 6 | .. | 39457b |
| 96 | 7171 | 39.9 | −60 23 | 8.4 | 9.1 | Ko | 4 | .. | 40463b |
| 97 | 5969 | 39.9 | −62 29 | 8.5 | 9.3 | G5 | 2 | .. | 42464b |
| 98 | 1641 | 40.0 | +62 39 | 6.01 | *7.01* | Ko | 6 | .. | 37907i |
| 99 | 2973 | 40.0 | +44 50 | 7.07 | *7.63* | Go | 5 | .. | 37997i |
| 100 | 3917 | 40.0 | + 6 55 | 9.2 | *9.8* | Go | 2 | .. | 39461b |



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| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4747 | 40.0 | − 5 31 | 9.7 | *10.8* | K2 | 1 | .. | 38111b |
| 2 | 4784 | 40.0 | −10 38 | 9.9 | *9.9* | Ao | 2 | .. | 38080b |
| 3 | 4782 | 40.0 | −10 57 | 10.1 | *10.1* | Ao | 1 | .. | 38080b |
| 4 | 5093 | 40.0 | −13 47 | 7.9 | *8.2* | F2 | 5 | .. | 38080b |
| 5 | 5181 | 40.0 | −14 19 | 9.1 | *9.4* | Fo | 3 | .. | 38080b |
| 6 | 5057 | 40.0 | −18 28 | 8.1 | *8.1* | B9 | 3 | .. | 10085b |
| 7 | 5153 | 40.0 | −19 12 | 8.9 | 9.2 | Ko | 4 | 5,2 | 38063b |
| 8 | 13453 | 40.0 | −26 44 | 10.7 | 9.9 | A2 | 1 | .. | 40632b |
| 9 | 15954 | 40.0 | −31 28 | 10.0 | 10.2 | Ro | 2 | .. | 39273b |
| 10 | 13095 | 40.0 | −34 1 | 7.71 | 8.9 | Go | 6 | .. | 39273b |
| 11 | 13097 | 40.0 | −41 16 | 7.8 | 9.1 | G5 | 7 | .. | 38141b |
| 12 | 12752 | 40.0 | −45 33 | 9.5 | 9.1 | A2 | 5 | .. | 38141b |
| 13 | 9315 | 40.0 | −53 47 | *9.7* | 10.7 | Ko | 1 | .. | 39457b |
| 14 | 868 | 40.0 | −80 28 | *8.5* | 9.5 | Ko | 1 | .. | 14161b |
| 15 | 2681 | 40.1 | +47 29 | 6.89 | *6.95* | A2 | 7 | .. | 37997i |
| 16 | 3246 | 40.1 | +36 28 | 6.25 | *7.25* | Ko | 7 | .. | 37845i |
| 17 | 3348 | 40.1 | +31 50 | 5.52 | *5.80* | Fo | 10 | .. | 37845i |
| 18 | 3543 | 40.1 | +15 31 | 8.5 | *8.9* | F5 | 2 | .. | 37901i |
| 19 | *3638* | 40.1 | +11 2 | 8.6 | *8.6* | Ao | 2 | .. | 40333b |
| 20 | *3918* | 40.1 | + 7 1 | 9.1 | *10.1* | Ko | 1 | .. | 39461b |
| 21 | 3919 | 40.1 | + 6 41 | 9.7 | *10.2* | F8 | 2 | .. | 39461b |
| 22 | 3767 | 40.1 | + 1 57 | 8.7 | *8.7* | Ao | 4 | .. | 24025b |
| 23 | 3557 | 40.1 | − 1 11 | 8.9 | *9.9* | Ko | 3 | .. | 24025b |
| 24 | 4740 | 40.1 | −11 9 | 9.4 | *9.4* | B9 | 2 | .. | 38080b |
| 25 | 5154 | 40.1 | −19 43 | 6.55 | 7.9 | Mb | 6 | 5,3 | 38063b |
| 26 | 5133 | 40.1 | −21 18 | 9.7 | 9.2 | Go | 3 | .. | 38105b |
| 27 | 13181 | 40.1 | −27 28 | 8.3 | 8.5 | Go | 6 | .. | 40326b |
| 28 | 14972 | 40.1 | −28 2 | 10.2 | 9.9 | Go | 1 | .. | 40632b |
| 29 | 15336 | 40.1 | −29 1 | 10.0 | 9.9 | A2 | 1 | .. | 40632b |
| 30 | 15335 | 40.1 | −29 37 | 8.1 | 8.4 | F8 | 6 | .. | 40632b |
| 31 | 14495 | 40.1 | −32 1 | 7.30 | 8.2 | Ko | 7 | .. | 39273b |
| 32 | 13553 | 40.1 | −33 5 | 10.8 | 10.2 | A | 2 | .. | 39273b |
| 33 | 11244 | 40.1 | −52 17 | 8.5 | 8.6 | F5 | 7 | .. | 39457b |
| 34 | 2122 | 40.2 | +53 3 | 8.5 | *9.0* | F8 | 1 | .. | 38559i |
| 35 | 3341 | 40.2 | +26 8 | 7.7 | *8.5* | G5 | 1 | .. | 38456i |
| 36 | 3920 | 40.2 | + 6 40 | 9.7 | *9.8* | A5 | 1 | .. | 39461b |
| 37 | 4373 | 40.2 | − 3 20 | 8.1 | *8.1* | B9 | 7 | 1,8 | 38111b |
| 38 | 4575 | 40.2 | − 4 42 | 8.1 | *7.9* | Bo | 5 | .. | 38111b |
| 39 | 4879 | 40.2 | − 6 11 | 9.1 | *10.1* | Ko | 4 | .. | 17034b |
| 40 | 4696 | 40.2 | − 7 42 | 9.7 | *9.7* | Ao | 4 | .. | 17034b |
| 41 | 5259 | 40.2 | −20 5 | 10.1 | 10.0 | A3 | 3 | .. | 38063b |
| 42 | R | 40.2 | −20 19 | *10.0* | 10.0 | Ao | 1 | .. | 38063b |
| 43 | 12990 | 40.2 | −36 7 | 10.1 | 9.6 | Fo | 3 | .. | 40737b |
| 44 | 12754 | 40.2 | −45 11 | 8.7 | 9.1 | Ko | 5 | .. | 38141b |
| 45 | 12527 | 40.2 | −47 30 | 9.3 | 10.0 | F8 | 3 | .. | 39665b |
| 46 | 9080 | 40.2 | −54 41 | 8.8 | 9.8 | Ko | 3 | .. | 39457b |
| 47 | 2309 | 40.2 | −72 19 | *8.7* | 9.7 | Ko | 2 | .. | 42526b |
| 48 | 2847 | 40.3 | +49 21 | 7.92 | *8.99* | K2 | 1 | .. | 38559i |
| 49 | 3297 | 40.3 | +34 26 | 8.2 | *8.2* | Ao | 4 | .. | 37845i |
| 50 | 3351 | 40.3 | +31 22 | 8.6 | *9.4* | G5 | 2 | .. | 37845i |
| 51 | 3438 | 40.3 | +23 25 | 7.8 | *8.8* | Ko | 3 | .. | 37848i |
| 52 | 3921 | 40.3 | + 6 33 | 8.1 | *8.1* | Ao | 3 | .. | 38537i |
| 53 | 4009 | 40.3 | + 0 3 | 9.7 | *9.7* | Ao | 2 | .. | 24025b |
| 54 | 3558 | 40.3 | − 1 27 | 10.4 | *10.5* | A2 | 2 | .. | 24025b |
| 55 | 4577 | 40.3 | − 4 47 | 9.4 | *10.4* | Ko | 3 | .. | 38111b |
| 56 | 4695 | 40.3 | − 8 39 | 8.7 | *9.8* | K2 | 3 | .. | 17034b |
| 57 | 4787 | 40.3 | −10 36 | 6.84 | *7.18* | F2 | 8 | .. | 38080b |
| 58 | 5160 | 40.3 | −12 12 | 8.5 | *8.6* | A3 | 3 | .. | 38080b |
| 59 | 5260 | 40.3 | −20 53 | 9.7 | 10.3 | K2 | 2 | .. | 38105b |
| 60 | 4854 | 40.3 | −22 30 | 5.80 | 7.5 | K2 | .. | 0,6- | 56,143 |
| 61 | 14684 | 40.3 | −24 1 | 9.0 | 9.6 | F2 | 4 | .. | 38105b |
| 62 | 13420 | 40.3 | −25 27 | 10.7 | 10.2 | Ao | 3 | .. | 38105b |
| 63 | 13099 | 40.3 | −34 20 | 9.9 | 10.1 | Ko | 1 | .. | 39273b |
| 64 | 12895 | 40.3 | −39 41 | 8.20 | 8.5 | A2 | 7 | .. | 40285b |
| 65 | 12870 | 40.3 | −44 51 | 9.10 | 9.1 | A2 | 5 | .. | 38141b |
| 66 | 12529 | 40.3 | −47 21 | 9.9 | 10.3 | G5 | 1 | .. | 39665b |
| 67 | 12528 | 40.3 | −47 54 | 7.6 | 9.7 | K2 | 4 | .. | 39665b |
| 68 | 12345 | 40.3 | −49 21 | 10.1 | 9.5 | Ao | 3 | .. | 39665b |
| 69 | 8965 | 40.3 | −56 36 | 8.9 | 9.5 | G5 | 3 | .. | 40463b |
| 70 | 162 | 40.3 | −88 30 | *9.5* | 10.3 | G5 | 3 | .. | 22980b |
| 71 | *3095* | 40.4 | +28 0 | 7.24 | *7.52* | Fo | 5 | 0,5 | 38456i |
| 72 | 3832 | 40.4 | + 8 51 | 8.6 | *9.4* | G5 | 3 | .. | 14170b |
| 73 | 3826 | 40.4 | + 7 25 | 9.4 | *9.4* | Ao | 3 | .. | 39461b |
| 74 | 3544 | 40.4 | − 0 53 | 10.4 | *10.4* | Ao | 1 | .. | 38111b |
| 75 | 3545 | 40.4 | − 0 54 | 10.4 | *11.5* | K2 | 1 | .. | 38111b |
| 76 | 4749 | 40.4 | − 5 17 | 10.6 | *11.6* | Ko | 1 | .. | 38111b |
| 77 | 4882 | 40.4 | − 6 34 | 9.2 | *10.3* | K2 | 3 | .. | 17034b |
| 78 | 4788 | 40.4 | −10 6 | 8.36 | *9.36* | Ko | 3 | 0,3 | 38080b |
| 79 | 5086 | 40.4 | −15 35 | 8.1 | *8.1* | Ao | 4 | .. | 38080b |
| 80 | 5059 | 40.4 | −18 41 | 10.1 | *10.5* | F5 | 2 | .. | 38063b |
| 81 | 5156 | 40.4 | −19 7 | 10.6 | 10.0 | Ao | 2 | .. | 38063b |
| 82 | 14981 | 40.4 | −28 53 | 9.7 | 11.0 | Ko | 1 | .. | 40632b |
| 83 | 15343 | 40.4 | −29 36 | 8.5 | 8.4 | Go | 4 | .. | 40632b |
| 84 | 15345 | 40.4 | −29 45 | 6.82 | 8.1 | Mb | 7 | .. | 40632b |
| 85 | 13101 | 40.4 | −34 42 | 10.1 | 9.9 | Ao | 1 | .. | 39273b |
| 86 | 12917 | 40.4 | −35 50 | 9.3 | 9.8 | Ao | 3 | .. | 40737b |
| 87 | 12995 | 40.4 | −36 38 | 9.9 | 9.8 | Ao | 3 | .. | 40737b |
| 88 | 12853 | 40.4 | −37 8 | 9.3 | 9.5 | F8 | 4 | .. | 40737b |
| 89 | 13087 | 40.4 | −38 56 | 8.3 | 9.2 | F8 | 4 | .. | 40285b |
| 90 | 12818 | 40.4 | −43 40 | 8.0 | 8.8 | K5 | 6 | .. | 38141b |
| 91 | 1436 | 40.4 | −75 5 | 7.35 | 7.9 | Ao | 10 | .. | 19008b |
| 92 | 3332 | 40.5 | +29 49 | 9.1 | *9.1* | Ao | 1 | .. | 38456i |
| 93 | 3096 | 40.5 | +27 26 | 8.0 | *8.8* | G5 | 3 | .. | 38456i |
| 94 | 3439 | 40.5 | +23 29 | 6.17 | *6.51* | F2 | 8 | .. | 37848i |
| 95 | 3941 | 40.5 | + 5 23 | 5.72 | *5.72* | Ao | .. | 0,7- | 56,96 |
| 96 | 4732 | 40.5 | − 2 5 | 9.1 | *9.9* | G5 | 3 | .. | 24025b |
| 97 | 4698 | 40.5 | − 7 9 | 10.3 | *10.4* | A2 | 3 | .. | 17034b |
| 98 | 4792 | 40.5 | −10 24 | 8.3 | *9.4* | K2 | 6 | .. | 38080b |
| 99 | 5021 | 40.5 | −16 10 | 9.4 | *9.4* | B9 | 2 | .. | 38063b |
| 100 | 5019 | 40.5 | −16 52 | 10.1 | *10.1* | Ao | 1 | .. | 38063b |



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## 173500 — $18^h\,40^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4855 | 40.5 | −22 3 | 9.2 | 10.6 | K2 | 2 | .. | 38105b |
| 2 | 16198 | 40.5 | −30 5 | 9.7 | 9.3 | B3 | 2 | .. | 40632b |
| 3 | 15967 | 40.5 | −31 39 | 8.3 | 10.2 | Ko | 1 | .. | 39273b |
| 4 | 13558 | 40.5 | −33 28 | 11.3 | 9.9 | Go | 2 | .. | 39273b |
| 5 | 12856 | 40.5 | −37 40 | 6.95 | 7.3 | B9 | 8 | 0,8 | 40285b |
| 6 | 12346 | 40.5 | −49 46 | 9.2 | 9.8 | K2 | 2 | .. | 39457b |
| 7 | 8967 | 40.5 | −56 35 | 8.3 | 9.3 | Ko | 3 | .. | 40463b |
| 8 | 9206 | 40.5 | −57 27 | 8.9 | 9.6 | Ko | 2 | .. | 40463b |
| 9 | 1435 | 40.5 | −75 56 | *8.5* | 9.1 | Go | 5 | .. | 19008b |
| 10 | 1275 | 40.5 | −76 55 | *9.2* | 9.8 | Go | 3 | .. | 42793b |
| 11 | 1768 | 40.6 | +61 27 | 7.37 | *8.55* | K5 | 2 | .. | 38518i |
| 12 | 2849 | 40.6 | +49 38 | 7.97 | *9.15* | K5 | 1 | .. | 38559i |
| 13 | 3771 | 40.6 | + 1 35 | 9.1 | *9.1* | Ao | 3 | .. | 24025b |
| 14 | 3546 | 40.6 | − 0 23 | 8.3 | *8.3* | B9 | 6 | .. | 24025b |
| 15 | 4828 | 40.6 | − 9 35 | 9.4 | *9.4* | Ao | 3 | 0,2- | 19014b |
| 16 | *5261* | 40.6 | −19 59 | 10.6 | 9.8 | A2 | 1 | .. | 38063b |
| 17 | 5262 | 40.6 | −20 20 | 9.4 | 10.3 | Ko | 1 | .. | 38063b |
| 18 | 13560 | 40.6 | −33 5 | 8.4 | 9.7 | K5 | 2 | .. | 39273b |
| 19 | 13103 | 40.6 | −34 44 | 9.3 | 10.4 | K5 | 1 | .. | 39273b |
| 20 | 12621 | 40.6 | −46 29 | 10.3 | 11.0 | K5 | 1 | .. | 38141b |
| 21 | 9082 | 40.6 | −54 38 | 8.9 | 10.1 | K2 | 3 | .. | 39457b |
| 22 | 7371 | 40.6 | −59 32 | 8.3 | 9.0 | A2 | 4 | .. | 40463b |
| 23 | 5971 | 40.6 | −62 17 | *9.0* | 9.0 | Ao | 4 | .. | 42464b |
| 24 | 2107 | 40.7 | +55 26 | 5.08 | *5.08* | Ao | .. | R | **56**,96 |
| 25 | 3276 | 40.7 | +38 26 | 6.81 | *7.99* | K5 | 3 | .. | 38500i |
| 26 | 3472 | 40.7 | +22 27 | 7.50 | *8.50* | Ko | 3 | .. | 37848i |
| 27 | 3712 | 40.7 | +17 52 | 7.7 | *8.7* | Ko | 2 | .. | 19372i |
| 28 | 3829 | 40.7 | + 7 16 | 9.1 | *9.1* | B9 | 2 | .. | 39461b |
| 29 | 3943 | 40.7 | + 5 14 | 10.0 | *10.0* | Ao | 3 | .. | 40333b |
| 30 | 3870 | 40.7 | + 4 29 | 9.0 | *9.0* | B9 | 4 | .. | 40333b |
| 31 | 4751 | 40.7 | − 5 46 | 9.4 | *9.4* | Ao | 3 | 0,2 | 17034b |
| 32 | 4885 | 40.7 | − 6 22 | 8.15 | *9.15* | Ko | 6 | .. | 17034b |
| 33 | 4886 | 40.7 | − 6 26 | 8.62 | *8.60* | B9 | 7 | .. | 17034b |
| 34 | 5157 | 40.7 | −19 46 | 10.6 | 9.8 | Ao | 3 | .. | 38063b |
| 35 | 14708 | 40.7 | −23 13 | 10.2 | 9.2 | A2 | 3 | .. | 38105b |
| 36 | 14709 | 40.7 | −23 45 | 9.2 | 8.2 | Ao | 6 | .. | 38105b |
| 37 | 13427 | 40.7 | −25 2 | 9.55 | 10.8 | K2 | 2 | .. | 38105b |
| 38 | 15973 | 40.7 | −31 51 | 7.51 | 8.4 | F5 | 7 | .. | 39273b |
| 39 | 13089 | 40.7 | −38 16 | var. | var. | Ro | .. | R | M |
| 40 | 12807 | 40.7 | −40 31 | 5.28 | 6.5 | Go | .. | 5,R | **56**,143 |
| 41 | 12822 | 40.7 | −43 23 | 8.5 | 10.3 | Ma | 3 | 0,2 | 39340b |
| 42 | 12760 | 40.7 | −45 56 | 10.6 | 10.9 | G5 | 1 | .. | 38141b |
| 43 | 12623 | 40.7 | −46 13 | 9.0 | 9.4 | Ko | 4 | .. | 38141b |
| 44 | 3961 | 40.7 | −64 3 | *9.0* | 9.8 | G5 | 2 | .. | 42464b |
| 45 | 1950 | 40.7 | −73 45 | 7.13 | 6.6 | B8 | 8 | .. | 42526b |
| 46 | 2653 | 40.8 | +50 30 | 8.22 | *9.40* | K5 | 1 | .. | 38559i |
| 47 | 2751 | 40.8 | +48 52 | 9.0 | *10.0* | Ko | 1 | .. | 37884i |
| 48 | 3190 | 40.8 | +33 54 | 8.0 | *8.5* | F8 | 4 | .. | 37845i |
| 49 | 3344 | 40.8 | +26 6 | 7.8 | *7.8* | B9 | 4 | .. | 37848i |
| 50 | 3589 | 40.8 | +11 30 | 7.97 | *9.15* | K5 | 1 | .. | 37901i |
| 51 | 3830 | 40.8 | + 7 49 | 8.9 | *9.9* | Ko | 2 | .. | 40333b |
| 52 | 3772 | 40.8 | + 1 57 | 8.7 | *8.7* | A | 2 | .. | 24025b |
| 53 | 4734 | 40.8 | − 2 8 | 9.1 | *9.1* | Ao | 4 | .. | 24025b |
| 54 | 4888 | 40.8 | − 6 14 | 9.4 | *9.4* | Ao | 6 | .. | 17034b |
| 55 | 5160 | 40.8 | −19 6 | 9.7 | 9.1 | B9 | 4 | .. | 38063b |
| 56 | 14507 | 40.8 | −32 45 | 9.3 | 8.8 | B9 | 7 | .. | 39273b |
| 57 | 13105 | 40.8 | −41 1 | 9.3 | 9.7 | A2 | 4 | .. | 38141b |
| 58 | 12873 | 40.8 | −44 9 | 8.7 | 9.7 | K2 | 3 | .. | 38141b |
| 59 | 12624 | 40.8 | −46 26 | 9.9 | 10.3 | F8 | 2 | .. | 38141b |
| 60 | 12149 | 40.8 | −50 49 | 8.9 | 8.9 | Go | 5 | .. | 39457b |
| 61 | 9209 | 40.8 | −57 40 | 8.4 | 8.7 | Ao | 6 | .. | 40463b |
| 62 | 7373 | 40.8 | −59 4 | 8.0 | 8.1 | Ao | 8 | .. | 40463b |
| 63 | 3397 | 40.8 | −66 54 | *9.5* | 9.5 | Ao | 3 | .. | 41442b |
| 64 | 3713 | 40.9 | +17 38 | 7.26 | *7.40* | A5 | .. | *2,4* | **56**,96 |
| 65 | 3834 | 40.9 | + 8 51 | 8.99 | *8.99* | Ao | 3 | .. | 14170b |
| 66 | 3773 | 40.9 | + 1 13 | 7.6 | *7.6* | Ao | 3 | .. | 38022i |
| 67 | 3548 | 40.9 | − 0 21 | 9.2 | *9.8* | Go | 2 | .. | 24025b |
| 68 | 4793 | 40.9 | −10 26 | 8.7 | *9.8* | K2 | 3 | .. | 38080b |
| 69 | 5315 | 40.9 | −17 30 | 10.6 | *10.6* | Ao | 1 | .. | 38063b |
| 70 | 4859 | 40.9 | −22 24 | 8.7 | 8.2 | B9 | 6 | .. | 38105b |
| 71 | 4858 | 40.9 | −22 42 | 8.7 | 8.2 | Ao | 6 | .. | 38105b |
| 72 | 16207 | 40.9 | −30 59 | 8.0 | 9.0 | A5 | 5 | .. | 40632b |
| 73 | 15978 | 40.9 | −31 40 | 9.2 | 8.8 | Ao | 4 | .. | 39273b |
| 74 | 13001 | 40.9 | −36 39 | 9.9 | 9.5 | F2 | 3 | .. | 40737b |
| 75 | 12905 | 40.9 | −39 24 | 10.1 | 10.5 | A3 | 2 | .. | 40737b |
| 76 | 12827 | 40.9 | −43 41 | 7.7 | 8.3 | K5 | 7 | .. | 38141b |
| 77 | 12874 | 40.9 | −44 27 | 9.9 | 10.6 | Ko | 1 | .. | 38141b |
| 78 | 8864 | 40.9 | −55 15 | *9.7* | 10.9 | K5 | 1 | .. | 39661b |
| 79 | 859 | 41.0 | +72 53 | 8.1 | *9.3* | K5 | 2 | .. | 38044i |
| 80 | 2108 | 41.0 | +55 21 | 7.26 | *8.26* | Ko | 3 | .. | 38518i |
| 81 | 2764 | 41.0 | +45 39 | 7.8 | *8.9* | K2 | 1 | .. | 37997i |
| 82 | 3509 | 41.0 | +39 34 | 5.06 | *5.14* | A3 | .. | *1*,R | **56**,96 |
| 83 | | 41.0 | +39 34 | 6.02 | *6.10* | | | | |
| 84 | 3335 | 41.0 | +29 21 | 9.2 | *9.7* | F8 | 1 | .. | 38456i |
| 85 | 3837 | 41.0 | + 8 24 | 8.5 | *9.1* | Go | 3 | .. | 14170b |
| 86 | 3925 | 41.0 | + 6 25 | 9.4 | *9.4* | Ao | 2 | .. | 39461b |
| 87 | 3926 | 41.0 | + 6 9 | 9.2 | *9.3* | A2 | 3 | .. | 39461b |
| 88 | 3945 | 41.0 | + 5 26 | 9.7 | *9.8* | A2 | 3 | .. | 40333b |
| 89 | 3872 | 41.0 | + 4 36 | 9.1 | *10.2* | K2 | 2 | .. | 40333b |
| 90 | 3794 | 41.0 | + 3 30 | 9.4 | *10.0* | Go | 2 | .. | 13424b |
| 91 | 5162 | 41.0 | −12 45 | 9.1 | *9.1* | Ao | 3 | .. | 38080b |
| 92 | 5022 | 41.0 | −16 55 | 9.2 | *9.2* | B9 | 3 | .. | 38063b |
| 93 | 5061 | 41.0 | −18 5 | 10.3 | *10.8* | F8 | 1 | .. | 38063b |
| 94 | 14715 | 41.0 | −23 18 | 10.4 | 10.6 | K5 | 1 | .. | 38105b |
| 95 | 13468 | 41.0 | −26 20 | 9.7 | 9.3 | Go | 4 | .. | 40632b |
| 96 | 14509 | 41.0 | −32 30 | 10.6 | 10.2 | A5 | 2 | .. | 39273b |
| 97 | 14511 | 41.0 | −32 34 | 10.6 | 9.9 | F8 | 1 | .. | 39273b |
| 98 | 12864 | 41.0 | −37 20 | 10.6 | 10.1 | F8 | 2 | .. | 40737b |
| 99 | 13631 | 41.0 | −42 13 | 9.5 | 10.0 | F5 | 3 | .. | 38141b |
| 100 | 12537 | 41.0 | −47 0 | 10.6 | 10.6 | Ao | 1 | .. | 38141b |



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1922AnHar..97....1C



## 173600

$18^h\,41^m.0$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 11770 | 41.0 | −51 14 | 7.9 | 8.0 | Ko | 7 | .. | 39457b |
| 2 | 11772 | 41.0 | −51 36 | 9.7 | 9.8 | Ko | 3 | .. | 39457b |
| 3 | 11248 | 41.0 | −52 57 | 8.6 | 8.7 | G5 | 4 | .. | 39457b |
| 4 | 7177 | 41.0 | −60 22 | 8.9 | 10.2 | Ma | 1 | .. | 42464b |
| 5 | 1895 | 41.1 | +57 45 | 7.8 | *8.6* | G5 | 5 | .. | 38518i |
| 6 | 2540 | 41.1 | +46 7 | 8.5 | *8.5* | Ao | 2 | .. | 37997i |
| 7 | 3510 | 41.1 | +39 30 | 5.14 | *5.28* | A5 | .. | 2,R | 56,96 |
| 8 | | 41.1 | +39 30 | 5.37 | *5.51* | | | | |
| 9 | 3546 | 41.1 | +15 37 | 6.60 | *6.66* | A2 | 7 | .. | 37901i |
| 10 | 3592 | 41.1 | +11 23 | 7.03 | *7.03* | Ao | 7 | .. | 37901i |
| 11 | 4701 | 41.1 | − 8 13 | 7.02 | *7.02* | Ao | 5 | .. | 44008b |
| 12 | 4699 | 41.1 | − 8 32 | 9.4 | *9.4* | Ao | 5 | .. | 17034b |
| 13 | *4831* | 41.1 | − 8 59 | 9.7 | *9.7* | B9 | 2 | .. | 17034b |
| 14 | 5187 | 41.1 | −14 33 | 7.06 | *7.56* | F8 | 8 | .. | 38080b |
| 15 | 5186 | 41.1 | −14 57 | 8.76 | *8.76* | Ao | 6 | .. | 38080b |
| 16 | 5264 | 41.1 | −20 34 | 8.9 | 10.0 | K2 | 3 | .. | 38105b |
| 17 | 13430 | 41.1 | −25 7 | 10.4 | 9.9 | Ao | 2 | .. | 38105b |
| 18 | 13431 | 41.1 | −25 19 | 10.0 | 9.3 | Go | 4 | .. | 38105b |
| 19 | 13469 | 41.1 | −26 4 | 10.2 | 10.4 | A2 | 2 | .. | 40632b |
| 20 | 13470 | 41.1 | −26 32 | 10.0 | 10.5 | K2 | 1 | .. | 40632b |
| 21 | 14512 | 41.1 | −32 40 | 7.5 | 8.4 | Ko | 5 | .. | 39273b |
| 22 | 12814 | 41.1 | −40 51 | 9.3 | 9.5 | A2 | 5 | .. | 38141b |
| 23 | 12626 | 41.1 | −46 34 | 8.1 | 8.2 | K2 | 5 | .. | 39665b |
| 24 | 12351 | 41.1 | −49 8 | 9.7 | 9.5 | F5 | 3 | .. | 39665b |
| 25 | 12349 | 41.1 | −49 39 | 11.0 | 9.8 | F8 | 2 | 0,1 | 39661b |
| 26 | 8977 | 41.1 | −56 38 | *9.1* | 10.2 | K2 | 1 | .. | 39661b |
| 27 | 9212 | 41.1 | −57 4 | 9.2 | 9.3 | Ao | 3 | .. | 40463b |
| 28 | 789 | 41.2 | +74 32 | 8.3 | *8.4* | A5 | 3 | .. | 38044i |
| 29 | 2125 | 41.2 | +53 20 | 8.5 | *9.6* | K2 | 1 | .. | 38559i |
| 30 | 2684 | 41.2 | +47 31 | 6.78 | *7.85* | K2 | 3 | .. | 37997i |
| 31 | 3278 | 41.2 | +38 58 | 7.7 | *7.8* | A2 | 3 | .. | 38500i |
| 32 | 3192 | 41.2 | +33 5 | 7.7 | *8.9* | K5 | 2 | .. | 37845i |
| 33 | 3779 | 41.2 | +19 53 | 6.68 | *7.68* | Ko | 3 | .. | 37848i |
| 34 | 3862 | 41.2 | + 9 43 | 7.32 | *7.74* | F5 | 5 | .. | 38537i |
| 35 | 3875 | 41.2 | + 4 56 | 9.7 | *10.0* | Fo | 2 | .. | 40333b |
| 36 | 4015 | 41.2 | + 0 49 | 9.4 | *9.4* | Ao | 3 | .. | 24025b |
| 37 | 4702 | 41.2 | − 8 2 | 9.2 | *9.0* | Bo | 4 | .. | 17034b |
| 38 | 4797 | 41.2 | −10 14 | 5.81 | *6.23* | F5 | .. | .. | 56,143 |
| 39 | 5188 | 41.2 | −14 50 | 9.46 | *10.24* | G5 | 2 | .. | 38080b |
| 40 | 5091 | 41.2 | −15 1 | 8.06 | *9.06* | Ko | 6 | .. | 38080b |
| 41 | 5317 | 41.2 | −17 54 | 10.1 | *10.2* | A2 | 1 | .. | 38063b |
| 42 | 5265 | 41.2 | −20 30 | 9.4 | 9.2 | Ao | 4 | .. | 38105b |
| 43 | 4860 | 41.2 | −22 52 | 9.4 | 9.2 | F5 | 3 | .. | 38105b |
| 44 | 13207 | 41.2 | −27 28 | 10.2 | 10.5 | Ko | 1 | .. | 40632b |
| 45 | 12926 | 41.2 | −35 37 | 7.9 | 8.9 | F5 | 6 | .. | 40737b |
| 46 | 12881 | 41.2 | −44 24 | 9.5 | 10.3 | K2 | 1 | .. | 38141b |
| 47 | 7376 | 41.2 | −59 32 | 8.0 | 9.3 | F5 | 3 | .. | 40463b |
| 48 | 3222 | 41.3 | +37 30 | 4.29 | *4.37* | A3 | .. | 1,R | 56,96 |
| 49 | 3223 | 41.3 | +37 30 | 5.87 | *5.95* | A3 | .. | 2,7 R | |
| 50 | 3550 | 41.3 | +21 53 | 6.39 | *6.39* | Aop | 8 | R | 37848i |
| 51 | 3676 | 41.3 | + 2 52 | 8.1 | *8.5* | F5 | 6 | .. | 13424b |
| 52 | 4017 | 41.3 | + 0 45 | 9.4 | *10.4* | Ko | 1 | .. | 24025b |
| 53 | 3550 | 41.3 | − 0 47 | 9.1 | *9.1* | Ao | 5 | .. | 24025b |
| 54 | 3559 | 41.3 | − 1 3 | 5.68 | *5.68* | Ao | .. | .. | 56,96 |
| 55 | 4832 | 41.3 | − 9 51 | 9.7 | *9.7* | Ao | 2 | 0,2 | 38080b |
| 56 | 5163 | 41.3 | −12 23 | 8.8 | *8.6* | B | 2 | .. | 38080b |
| 57 | 14997 | 41.3 | −28 24 | 7.24 | 7.5 | B9 | 9 | .. | 40632b |
| 58 | 13571 | 41.3 | −33 22 | 9.9 | 9.7 | Ko | 2 | .. | 39273b |
| 59 | 12872 | 41.3 | −37 42 | 9.2 | 9.2 | A3 | 4 | .. | 40737b |
| 60 | 12911 | 41.3 | −39 43 | 6.97 | 7.4 | Ao | 8 | .. | 40737b |
| 61 | 747 | 41.3 | −82 41 | *8.3* | 8.6 | F2 | 2 | .. | 14161b |
| 62 | 1286 | 41.4 | +65 14 | 8.7 | *8.8* | A3 | 1 | .. | 37907i |
| 63 | 2128 | 41.4 | +56 43 | 8.5 | *8.6* | A2 | 4 | .. | 38518i |
| 64 | 2126 | 41.4 | +53 47 | 6.08 | *6.14* | A2 | 9 | 0,8 | 38559i |
| 65 | *2765* | 41.4 | +46 1 | 8.8 | *9.8* | K | 1 | .. | 37997i |
| 66 | 2983 | 41.4 | +44 47 | 7.82 | *8.16* | F2 | 2 | .. | 37997i |
| 67 | 3926 | 41.4 | +20 27 | 4.26 | *4.68* | F5 | .. | 0,10 | 2001c |
| 68 | 3833 | 41.4 | + 7 54 | 9.7 | *10.8* | K2 | 1 | .. | 40333b |
| 69 | 3948 | 41.4 | + 5 3 | 7.81 | *7.81* | Ao | 3 | 0,9 | 38022i |
| 70 | 3677 | 41.4 | + 2 47 | 9.1 | *9.7* | G | 1 | .. | 13424b |
| 71 | 4018 | 41.4 | + 0 46 | 9.0 | *10.2* | K5 | 2 | .. | 24025b |
| 72 | 3560 | 41.4 | − 1 54 | 10.4 | *11.4* | Ko | 2 | .. | 38111b |
| 73 | 4893 | 41.4 | − 6 47 | 7.9 | *7.9* | B8 | 10 | .. | 17034b |
| 74 | 5164 | 41.4 | −12 29 | 9.1 | *9.1* | B9 | 2 | .. | 38080b |
| 75 | 5026 | 41.4 | −16 48 | 9.4 | *9.8* | F5 | 2 | .. | 38063b |
| 76 | 5164 | 41.4 | −19 48 | 9.9 | 10.0 | A3 | 4 | .. | 38063b |
| 77 | 5137 | 41.4 | −21 14 | 9.9 | 9.7 | Ao | 3 | .. | 38105b |
| 78 | 14706 | 41.4 | −24 26 | 7.9 | 9.3 | Ko | 4 | .. | 38105b |
| 79 | 14705 | 41.4 | −24 37 | 9.2 | 9.6 | A2 | 3 | .. | 38105b |
| 80 | 13211 | 41.4 | −27 51 | 8.7 | 9.3 | F8 | 5 | .. | 40632b |
| 81 | 14523 | 41.4 | −32 14 | 9.9 | 9.3 | F8 | 2 | .. | 39273b |
| 82 | 14519 | 41.4 | −32 17 | 10.1 | 9.3 | F2 | 2 | .. | 39273b |
| 83 | 12873 | 41.4 | −37 36 | 9.3 | 9.8 | Go | 1 | .. | 40737b |
| 84 | 11250 | 41.4 | −52 58 | 8.7 | 9.0 | Ko | 3 | .. | 39457b |
| 85 | 8867 | 41.4 | −55 38 | *10.6* | 10.7 | A3 | 1 | .. | 39661b |
| 86 | 8981 | 41.4 | −56 29 | 9.2 | 10.4 | K5 | 1 | .. | 39661b |
| 87 | 2942 | 41.4 | −69 17 | *8.9* | 9.0 | A2 | 3 | .. | 41598b |
| 88 | 3148 | 41.5 | +42 26 | 8.1 | *9.1* | Ko | 1 | .. | 37997i |
| 89 | 3302 | 41.5 | +34 55 | 7.12 | *7.10* | B9 | 8 | .. | 37845i |
| 90 | 3289 | 41.5 | +30 7 | 8.56 | *8.62* | A2 | 2 | .. | 38456i |
| 91 | 3679 | 41.5 | + 2 28 | 9.1 | *9.4* | A3 | 3 | .. | 13424b |
| 92 | 4736 | 41.5 | − 2 41 | 9.7 | *10.5* | G5 | 1 | .. | 38111b |
| 93 | 4700 | 41.5 | − 7 41 | 7.16 | *7.14* | B9 | 10 | .. | 17034b |
| 94 | 5166 | 41.5 | −12 14 | 9.2 | *9.0* | B | 1 | .. | 38080b |
| 95 | 13213 | 41.5 | −27 41 | 10.9 | 10.5 | G5 | 1 | .. | 40632b |
| 96 | 12884 | 41.5 | −44 6 | 8.9 | 9.4 | Ko | 3 | .. | 38141b |
| 97 | 12772 | 41.5 | −45 23 | 7.36 | 8.2 | G5 | 8 | .. | 38141b |
| 98 | 9087 | 41.5 | −54 43 | *9.9* | 10.7 | G5 | 1 | .. | 39661b |
| 99 | 8982 | 41.5 | −56 33 | *9.1* | 10.1 | Ko | 1 | .. | 39661b |
| 100 | 1896 | 41.6 | +57 44 | 7.8 | *8.3* | F8 | 6 | .. | 38518i |



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1922AnHar..97....1C



## 173700 — $18^h\,41^m.6$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3058 | 41.6 | +43 44 | 7.66 | *8.66* | Ko | 3 | .. | 37997i |
| 2 | 3073 | 41.6 | +28 10 | 8.1 | *9.1* | Ko | 3 | .. | 38456i |
| 3 | *3834* | 41.6 | + 8 0 | 9.0 | *10.2* | K5 | 2 | .. | 40333b |
| 4 | 3930 | 41.6 | + 6 27 | 9.2 | *9.2* | Ao | 3 | .. | 39461b |
| 5 | 3878 | 41.6 | + 4 55 | 8.75 | *8.83* | A3 | 4 | .. | 40333b |
| 6 | 4737 | 41.6 | − 2 7 | 9.7 | *9.7* | B9 | 2 | .. | 38111b |
| 7 | 4834 | 41.6 | − 9 44 | 10.1 | *10.1* | A | 1 | .. | 38080b |
| 8 | 5189 | 41.6 | −14 37 | 9.7 | *10.8* | K2 | 1 | .. | 38080b |
| 9 | 5063 | 41.6 | −18 51 | 9.4 | *10.4* | Ko | 2 | .. | 38063b |
| 10 | 13574 | 41.6 | −33 5 | 9.0 | 9.0 | A3 | 3 | .. | 39273b |
| 11 | 13575 | 41.6 | −33 54 | 9.9 | 9.9 | Ao | 2 | .. | 39273b |
| 12 | 12877 | 41.6 | −37 8 | 6.98 | 8.4 | Ko | 5 | .. | 40285b |
| 13 | 12917 | 41.6 | −39 37 | 9.0 | 9.1 | F5 | 4 | 3,4 | 40737b |
| 14 | 13118 | 41.6 | −41 45 | 8.7 | 9.5 | Fo | 3 | .. | 38141b |
| 15 | 12841 | 41.6 | −43 48 | 5.59 | 6.6 | A2 | .. | R | **56**,143 |
| 16 | 12544 | 41.6 | −47 39 | 8.9 | 10.3 | K5 | 3 | .. | 39665b |
| 17 | 7178 | 41.6 | −60 31 | 9.1 | 10.2 | Ko | 1 | .. | 42464b |
| 18 | 589 | 41.6 | −84 1 | *9.2* | 9.3 | A2 | 2 | .. | 14161b |
| 19 | 3526 | 41.7 | +24 44 | 8.6 | *8.7* | A2 | 2 | .. | 37848i |
| 20 | 3814 | 41.7 | +18 23 | 6.75 | *6.75* | Ao | .. | 0,5 | **56**,96 |
| 21 | 3681 | 41.7 | + 2 46 | 9.2 | *9.3* | A2 | 2 | .. | 13424b |
| 22 | 3553 | 41.7 | − 0 55 | 9.7 | *9.8* | A2 | 4 | .. | 38111b |
| 23 | 3561 | 41.7 | − 1 14 | 10.4 | *10.8* | F5 | 1 | .. | 38111b |
| 24 | 4738 | 41.7 | − 2 29 | 9.1 | *9.2* | A3 | 3 | .. | 38111b |
| 25 | 4378 | 41.7 | − 3 53 | 8.8 | *8.9* | A2 | 4 | .. | 38111b |
| 26 | 4748 | 41.7 | −11 19 | 8.6 | *8.6* | Ao | 4 | .. | 38080b |
| 27 | 5266 | 41.7 | −20 30 | 10.3 | 10.3 | Ao | 3 | .. | 38105b |
| 28 | 14724 | 41.7 | −23 13 | 10.9 | 10.3 | A | 2 | .. | 38105b |
| 29 | 13480 | 41.7 | −26 5 | 9.7 | 10.2 | G5 | 2 | .. | 40632b |
| 30 | 13219 | 41.7 | −27 13 | 8.7 | 8.1 | B8 | 7 | .. | 40632b |
| 31 | 15004 | 41.7 | −28 34 | 10.2 | 9.6 | Ao | 3 | .. | 40632b |
| 32 | 13116 | 41.7 | −34 0 | 7.06 | 7.5 | A2 | 8 | .. | 39273b |
| 33 | 13123 | 41.7 | −41 0 | 7.3 | 8.5 | Ko | 6 | .. | 38141b |
| 34 | 12545 | 41.7 | −47 23 | 9.9 | 10.6 | A3 | 2 | .. | 39665b |
| 35 | 12546 | 41.7 | −47 51 | 9.0 | 10.6 | K5 | 2 | .. | 39665b |
| 36 | 12356 | 41.7 | −49 50 | 8.09 | 8.9 | Ko | 4 | .. | 39457b |
| 37 | 11251 | 41.7 | −52 16 | *9.2* | 9.8 | Go | 2 | .. | 39457b |
| 38 | 7179 | 41.7 | −60 38 | *9.6* | 9.6 | Ao | 2 | .. | 42464b |
| 39 | 1915 | 41.8 | +59 29 | 8.76 | *9.94* | K5 | 1 | R | 38518i |
| 40 | | 41.8 | +59 29 | | | | | | |
| 41 | 3280 | 41.8 | +38 13 | 7.60 | *8.60* | Ko | 1 | .. | 38500i |
| 42 | 3307 | 41.8 | +34 7 | 7.9 | *8.7* | G5 | 4 | .. | 37845i |
| 43 | 4741 | 41.8 | − 2 5 | 10.3 | *10.4* | A2 | 2 | .. | 38111b |
| 44 | 4897 | 41.8 | − 6 0 | 7.08 | *7.08* | Ao | 9 | 0,10 | 38111b |
| 45 | 5028 | 41.8 | −16 5 | 8.3 | *8.4* | A5 | 5 | .. | 38080b |
| 46 | 5065 | 41.8 | −18 13 | 9.7 | *10.5* | G5 | 1 | .. | 38063b |
| 47 | *5267* | 41.8 | −19 58 | 8.43 | 8.5 | F8 | 6 | 0,5 | 38063b |
| 48 | 4863 | 41.8 | −22 16 | 9.1 | 9.7 | Go | 3 | .. | 38105b |
| 49 | 14726 | 41.8 | −23 22 | 8.5 | 8.8 | A2 | 5 | .. | 38105b |
| 50 | 15008 | 41.8 | −28 0 | 9.0 | 9.9 | F8 | 2 | .. | 40632b |
| 51 | 16225 | 41.8 | −30 28 | 7.4 | 8.1 | F2 | 7 | .. | 40632b |
| 52 | 13117 | 41.8 | −34 39 | 9.9 | 10.1 | G5 | 1 | .. | 39273b |
| 53 | 13014 | 41.8 | −36 25 | 9.9 | 9.3 | B9 | 4 | .. | 40737b |
| 54 | 12774 | 41.8 | −45 53 | 9.5 | 9.4 | F8 | 3 | .. | 38141b |
| 55 | 12735 | 41.8 | −48 54 | 9.9 | 9.2 | F8 | 3 | .. | 39665b |
| 56 | 12157 | 41.8 | −50 50 | 10.1 | 9.5 | F8 | 2 | .. | 39457b |
| 57 | 9089 | 41.8 | −54 39 | 8.6 | 9.8 | Ko | 3 | .. | 39661b |
| 58 | 9090 | 41.8 | −54 53 | *9.2* | 10.2 | Ko | 3 | .. | 39661b |
| 59 | 2587 | 41.8 | −70 2 | 8.57 | 8.7 | A2 | 5 | .. | 41598b |
| 60 | 2986 | 41.9 | +44 16 | 7.9 | *8.3* | F5 | 2 | .. | 37997i |
| 61 | 3256 | 41.9 | +36 28 | 6.92 | *6.90* | B9 | 8 | .. | 37845i |
| 62 | 3649 | 41.9 | +10 41 | 9.1 | *9.1* | B9 | 4 | .. | 40333b |
| 63 | 4740 | 41.9 | − 2 33 | 9.4 | *9.7* | Fo | 2 | .. | 38111b |
| 64 | 4582 | 41.9 | − 4 51 | 4.47 | *5.03* | Go | .. | R | **56**,96 |
| 65 | 4706 | 41.9 | − 7 57 | 10.1 | *10.1* | Ao | 3 | .. | 17034b |
| 66 | 5191 | 41.9 | −14 47 | 9.7 | *10.2* | F8 | 2 | .. | 38080b |
| 67 | 5066 | 41.9 | −18 42 | 9.1 | *9.1* | Ao | 5 | .. | 38063b |
| 68 | 14714 | 41.9 | −24 29 | 10.2 | 9.6 | Ao | 4 | .. | 38105b |
| 69 | 13223 | 41.9 | −27 33 | 10.4 | 9.3 | B9 | 4 | .. | 40632b |
| 70 | *14530* | 41.9 | −31 58 | 7.37 | 7.7 | B8 | 8 | .. | 39273b |
| 71 | 13016 | 41.9 | −36 44 | 8.9 | 9.3 | Ao | 5 | .. | 40737b |
| 72 | 13125 | 41.9 | −41 27 | 7.5 | 8.5 | G5 | 6 | .. | 38141b |
| 73 | 12844 | 41.9 | −43 3 | 9.5 | 10.0 | F5 | 2 | .. | 38141b |
| 74 | 12637 | 41.9 | −46 38 | 9.9 | 10.6 | K2 | 1 | .. | 38141b |
| 75 | 12549 | 41.9 | −47 38 | 9.9 | 10.9 | Ko | 1 | .. | 39665b |
| 76 | 7503 | 41.9 | −58 50 | 8.4 | 9.0 | F8 | 4 | .. | 40463b |
| 77 | 7381 | 41.9 | −59 9 | 8.6 | 9.3 | F8 | 4 | .. | 40463b |
| 78 | 975 | 41.9 | −79 16 | *8.6* | 9.8 | K5 | 2 | .. | 42793b |
| 79 | 2130 | 42.0 | +56 47 | 9.0 | *10.0* | Ko | 1 | .. | 38518i |
| 80 | 3349 | 42.0 | +26 34 | 4.92 | *5.92* | Ko | .. | 0,9 | **56**,96 |
| 81 | 3448 | 42.0 | +23 12 | 8.6 | *9.6* | Ko | 1 | .. | 37848i |
| 82 | 3836 | 42.0 | + 7 12 | 8.9 | *9.9* | Ko | 1 | .. | 39461b |
| 83 | 4835 | 42.0 | − 9 25 | 9.2 | *9.0* | B | 2 | .. | 17034b |
| 84 | 5192 | 42.0 | −14 38 | 9.2 | *9.2* | B9 | 3 | .. | 38080b |
| 85 | 5069 | 42.0 | −18 13 | 10.1 | *10.1* | B9 | 2 | .. | 38063b |
| 86 | 5068 | 42.0 | −18 26 | 10.1 | *10.4* | Fo | 2 | .. | 38063b |
| 87 | 5268 | 42.0 | −20 22 | 6.87 | 7.0 | B9 | 4 | *1*,8 | 10085b |
| 88 | 5138 | 42.0 | −21 4 | 9.1 | 9.2 | Ao | 3 | .. | 38105b |
| 89 | 14715 | 42.0 | −24 52 | 8.85 | 8.8 | A2 | 6 | .. | 38105b |
| 90 | 14532 | 42.0 | −32 18 | 9.9 | 9.7 | Ao | 3 | .. | 39273b |
| 91 | 12779 | 42.0 | −45 55 | 5.79 | 7.0 | Ko | .. | .. | **56**,143 |
| 92 | 12639 | 42.0 | −46 27 | 9.3 | 9.7 | Ko | 4 | 0,2 | 38141b |
| 93 | 11780 | 42.0 | −51 27 | 11.0 | 9.8 | A2 | 3 | .. | 39457b |
| 94 | 11252 | 42.0 | −52 14 | 7.1 | 7.2 | A2 | 6 | .. | 36342b |
| 95 | 9094 | 42.0 | −54 29 | 8.0 | 9.0 | Ko | 5 | .. | 39661b |
| 96 | 9092 | 42.0 | −54 35 | 8.1 | 8.2 | B9 | 8 | .. | 39661b |
| 97 | 1898 | 42.1 | +57 51 | 8.7 | *9.0* | F2 | 7 | .. | 38518i |
| 98 | .. | 42.1 | +43 32 | var. | var. | Md | .. | R | M |
| 99 | 3866 | 42.1 | + 9 19 | 7.7 | *9.1* | Ma | 4 | .. | 39461b |
| 100 | 3934 | 42.1 | + 6 32 | 9.7 | *9.8* | A2 | 2 | .. | 39461b |



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1922AnHar..97....1C



173800 — 18h 42m.1

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3563 | 42.1 | − 1 52 | 10.4 | *10.7* | Fo | 2 | .. | 38111b |
| 2 | 4708 | 42.1 | − 7 40 | 11.0 | *11.0* | B9 | 3 | .. | 17034b |
| 3 | 5168 | 42.1 | −12 26 | 7.69 | *8.87* | K5 | 4 | .. | 38080b |
| 4 | 5193 | 42.1 | −14 4 | 9.4 | *10.2* | G5 | 3 | .. | 38080b |
| 5 | 5070 | 42.1 | −18 19 | 8.3 | *8.6* | F2 | 7 | R | 38063b |
| 6 | | 42.1 | −18 19 | | | A2 | | | |
| 7 | 14718 | 42.1 | −24 41 | 10.7 | 10.4 | G | 1 | .. | 38105b |
| 8 | 13226 | 42.1 | −27 2 | 10.2 | 9.3 | B9 | 3 | .. | 40632b |
| 9 | 12942 | 42.1 | −35 45 | 9.9 | 9.8 | G5 | 2 | .. | 39273b |
| 10 | 12923 | 42.1 | −39 51 | 9.3 | 9.7 | Ao | 3 | .. | 38141b |
| 11 | 12894 | 42.1 | −44 38 | 10.1 | 10.3 | Ko | 1 | .. | 38141b |
| 12 | 12161 | 42.1 | −50 48 | 10.6 | 9.8 | Ao | 2 | .. | 39457b |
| 13 | 5979 | 42.1 | −62 46 | *7.6* | 7.6 | Ao | 8 | .. | 42464b |
| 14 | *2769* | 42.2 | +46 1 | 7.9 | *7.9* | Ao | 5 | .. | 37997i |
| 15 | 3310 | 42.2 | +34 25 | 6.91 | *7.05* | A5 | 7 | .. | 37845i |
| 16 | 3651 | 42.2 | +12 28 | 7.73 | *7.73* | Ao | 4 | .. | 37901i |
| 17 | 3683 | 42.2 | + 2 30 | 8.7 | *8.7* | B8 | 5 | .. | 13424b |
| 18 | 4380 | 42.2 | − 3 44 | 8.7 | *9.9* | K5 | 4 | .. | 38111b |
| 19 | 4760 | 42.2 | − 5 49 | var. | var. | Kop | 9 | R | 38111b |
| 20 | 4903 | 42.2 | − 6 25 | 10.1 | *9.9* | B | 1 | .. | 17034b |
| 21 | 4904 | 42.2 | − 6 46 | 10.8 | *10.8* | Ao | 2 | .. | 17034b |
| 22 | 5033 | 42.2 | −16 53 | 7.07 | *8.14* | K2 | 7 | .. | 38080b |
| 23 | 5073 | 42.2 | −18 31 | 8.5 | *8.6* | A5 | 7 | .. | 38063b |
| 24 | 4864 | 42.2 | −22 31 | 8.8 | 9.8 | K5 | 2 | .. | 38105b |
| 25 | 15374 | 42.2 | −29 51 | 9.7 | 10.2 | Ao | 2 | .. | 40632b |
| 26 | 16239 | 42.2 | −30 7 | 9.53 | 9.3 | Ao | 3 | .. | 40632b |
| 27 | 14536 | 42.2 | −32 20 | 8.9 | 10.2 | Ko | 1 | .. | 39273b |
| 28 | 12163 | 42.2 | −50 7 | 8.6 | 8.1 | A2 | 5 | .. | 39457b |
| 29 | 8988 | 42.2 | −56 43 | *9.3* | 9.8 | F8 | 2 | .. | 39661b |
| 30 | 4453 | 42.2 | −63 57 | *8.2* | 8.3 | A2 | 6 | .. | 42464b |
| 31 | 702 | 42.3 | +77 35 | 6.94 | *7.22* | Fo | 7 | .. | 38044i |
| 32 | 3201 | 42.3 | +32 16 | 8.7 | *8.8* | A3 | 1 | .. | 38456i |
| 33 | 3817 | 42.3 | +18 36 | 6.27 | *7.45* | K5 | 4 | 0,3 | 19372i |
| 34 | 3653 | 42.3 | +12 25 | 7.81 | *7.81* | Ao | 3 | .. | 37901i |
| 35 | 3844 | 42.3 | + 8 50 | 8.56 | *8.54* | B9 | 5 | .. | 39461b |
| 36 | 3781 | 42.3 | + 1 38 | 8.6 | *8.9* | F2 | 3 | .. | 13424b |
| 37 | 4905 | 42.3 | − 6 44 | 9.7 | *9.7* | Ao | 5 | .. | 17034b |
| 38 | 4710 | 42.3 | − 7 1 | 9.2 | *9.8* | Go | 4 | .. | 17034b |
| 39 | .. | 42.3 | − 7 16 | .. | .. | B9 | 3 | .. | 17034b |
| 40 | 4802 | 42.3 | −10 28 | 10.3 | *10.3* | Ao | 1 | .. | 38080b |
| 41 | 12925 | 42.3 | −39 45 | 8.9 | 10.6 | Ma | 2 | 5,2 | 39340b |
| 42 | 12164 | 42.3 | −50 7 | 9.1 | 8.6 | A3 | 4 | .. | 39457b |
| 43 | 6259 | 42.3 | −61 27 | 9.2 | 9.6 | A2 | 2 | .. | 42464b |
| 44 | 1899 | 42.4 | +57 7 | 9.0 | *9.1* | A2 | 2 | .. | 38518i |
| 45 | 2419 | 42.4 | +51 55 | 8.7 | *9.1* | F5 | 2 | .. | 38559i |
| 46 | 3355 | 42.4 | +35 46 | 8.4 | *8.4* | B8 | 3 | .. | 37845i |
| 47 | 3655 | 42.4 | +10 40 | 8.1 | *8.1* | Ao | 3 | .. | 38537i |
| 48 | 3935 | 42.4 | + 6 43 | 8.0 | *8.1* | A2 | 2 | .. | 38537i |
| 49 | 3881 | 42.4 | + 4 31 | 8.9 | *9.3* | F5 | 3 | .. | 40333b |
| 50 | 4713 | 42.4 | − 7 9 | 9.2 | *9.1* | B5 | 7 | .. | 17034b |
| 51 | *4709* | 42.4 | − 7 59 | 10.3 | *10.3* | Ao | 2 | .. | 17034b |
| 52 | 4752 | 42.4 | −11 13 | 9.2 | *10.4* | K5 | 1 | .. | 38080b |
| 53 | 5034 | 42.4 | −16 31 | 7.9 | *8.9* | Ko | 4 | .. | 38080b |
| 54 | 5168 | 42.4 | −19 19 | 7.04 | 8.5 | K5 | 2 | .. | 10085b |
| 55 | 5169 | 42.4 | −19 42 | 9.7 | 9.2 | F5 | 3 | 3,2 | 38105b |
| 56 | 4865 | 42.4 | −22 11 | 9.4 | 9.8 | Go | 2 | .. | 38105b |
| 57 | 13232 | 42.4 | −27 14 | 10.7 | 10.2 | Ao | 1 | .. | 40632b |
| 58 | 15376 | 42.4 | −29 32 | 10.2 | 9.9 | Go | 3 | .. | 40632b |
| 59 | 16245 | 42.4 | −30 13 | 9.5 | 9.3 | Go | 3 | .. | 40632b |
| 60 | 13124 | 42.4 | −34 41 | 9.9 | 10.1 | G5 | 2 | .. | 39273b |
| 61 | 12854 | 42.4 | −43 32 | 5.64 | 6.1 | B9 | .. | R | **56**,143 |
| 62 | 11254 | 42.4 | −52 50 | 8.2 | 8.0 | F5 | 6 | .. | 39457b |
| 63 | 9100 | 42.4 | −54 5 | 8.3 | 8.9 | F2 | 8 | .. | 39661b |
| 64 | 9098 | 42.4 | −54 49 | 9.46 | 10.1 | G5 | 2 | .. | 39661b |
| 65 | 3962 | 42.4 | −64 42 | *9.0* | 9.8 | G5 | 2 | .. | 42464b |
| 66 | 998 | 42.5 | +69 25 | 9.0 | *10.0* | Ko | 1 | .. | 38029i |
| 67 | 3135 | 42.5 | +41 17 | 8.7 | *10.1* | Ma | .. | .. | M |
| 68 | 3261 | 42.5 | +36 36 | 8.4 | *9.4* | K | 1 | .. | 37845i |
| 69 | 3623 | 42.5 | +25 26 | 8.0 | *8.0* | Ao | 3 | .. | 38456i |
| 70 | 3554 | 42.5 | − 0 35 | 9.7 | *10.3* | Go | 2 | .. | 38111b |
| 71 | 3564 | 42.5 | − 1 35 | 9.7 | *9.8* | A5 | 3 | .. | 38111b |
| 72 | 4804 | 42.5 | −10 15 | 8.7 | *9.7* | Ko | 4 | .. | 38080b |
| 73 | 5075 | 42.5 | −18 9 | 10.1 | *10.1* | Ao | 4 | .. | 38063b |
| 74 | 13492 | 42.5 | −26 58 | 8.3 | 9.0 | A3 | 5 | .. | 40632b |
| 75 | 14541 | 42.5 | −32 49 | 6.80 | 7.5 | Ko | 8 | .. | 39273b |
| 76 | 13026 | 42.5 | −36 1 | 10.1 | 9.8 | A2 | 3 | .. | 40737b |
| 77 | 13027 | 42.5 | −36 21 | 10.3 | 9.8 | A2 | 2 | .. | 40737b |
| 78 | 11786 | 42.5 | −51 21 | 9.7 | 9.8 | Fo | 2 | .. | 39457b |
| 79 | 3450 | 42.6 | +23 29 | 8.5 | *9.5* | Ko | 2 | .. | 37848i |
| 80 | 3823 | 42.6 | +18 4 | 4.37 | *4.45* | A3 | .. | .. | **56**,96 |
| 81 | 3611 | 42.6 | +16 25 | 7.7 | *8.9* | K5 | 1 | .. | 37901i |
| 82 | 3783 | 42.6 | + 1 40 | 8.0 | *8.1* | A2 | 2 | .. | 38022i |
| 83 | 3555 | 42.6 | − 0 21 | 7.9 | *8.5* | Go | 7 | .. | 24025b |
| 84 | 4710 | 42.6 | − 8 7 | 10.3 | *10.3* | Ao | 2 | .. | 17034b |
| 85 | 5195 | 42.6 | −14 49 | 6.86 | *7.42* | Go | 10 | .. | 38080b |
| 86 | 5170 | 42.6 | −19 48 | 8.68 | 8.5 | B8 | 7 | 2,6 | 38063b |
| 87 | 14733 | 42.6 | −23 20 | 9.5 | 10.9 | Ma | 1 | .. | 38105b |
| 88 | 15020 | 42.6 | −28 27 | 10.9 | 10.2 | Ao | 1 | .. | 40632b |
| 89 | 16253 | 42.6 | −30 45 | 8.5 | 9.3 | A3 | 4 | .. | 40632b |
| 90 | 13029 | 42.6 | −36 14 | 9.9 | 9.8 | G5 | 2 | .. | 40737b |
| 91 | 13031 | 42.6 | −36 45 | 8.9 | 8.9 | Fo | 5 | .. | 40737b |
| 92 | 12365 | 42.6 | −49 23 | 9.9 | 10.1 | G5 | 1 | .. | 39665b |
| 93 | 11256 | 42.6 | −52 44 | 8.5 | 8.6 | G5 | 5 | .. | 39457b |
| 94 | 8993 | 42.6 | −56 13 | 9.0 | 10.2 | Ko | 1 | .. | 39661b |
| 95 | 6260 | 42.6 | −61 1 | 7.7 | 7.8 | Fo | 8 | .. | 40463b |
| 96 | 1716 | 42.6 | −74 48 | *8.6* | 9.8 | K5 | 2 | .. | 42526b |
| 97 | 4715 | 42.7 | − 7 53 | 10.8 | *10.8* | B8 | 2 | .. | 17034b |
| 98 | 5171 | 42.7 | −19 2 | 10.6 | 9.7 | A3 | 4 | .. | 38063b |
| 99 | 5144 | 42.7 | −21 41 | 10.3 | 10.3 | A2 | 2 | .. | 38105b |
| 100 | 15023 | 42.7 | −28 30 | 9.5 | 10.4 | F8 | 2 | .. | 40632b |



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## 173900 — $18^h\,42^m.7$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 16011 | 42.7 | −31 24 | 9.5 | 10.8 | Ao | 4 | .. | 39273b |
| 2 | 13128 | 42.7 | −34 51 | 6.56 | 8.3 | Ko | 8 | .. | 40737b |
| 3 | 12559 | 42.7 | −47 13 | 9.9 | 10.3 | F5 | 1 | .. | 38141b |
| 4 | 2944 | 42.7 | −69 57 | 8.16 | 9.1 | Ko | 3 | .. | 41598b |
| 5 | 1441 | 42.7 | −75 59 | *8.7* | 9.1 | F5 | 6 | .. | 19008b |
| 6 | 1900 | 42.8 | +57 11 | 8.1 | *8.7* | Go | 7 | .. | 38518i |
| 7 | 33112 | 42.8 | +34 53 | 8.42 | *8.42* | A | 1 | .. | 37845i |
| 8 | 3294 | 42.8 | +30 29 | 7.71 | *8.78* | K2 | 2 | .. | 38456i |
| 9 | 3111 | 42.8 | +27 23 | 8.0 | *9.0* | Ko | 3 | .. | 38456i |
| 10 | 3604 | 42.8 | +11 5 | 8.7 | *8.7* | Ao | 2 | .. | 40333b |
| 11 | 4717 | 42.8 | − 7 32 | 10.1 | *11.1* | Ko | 2 | .. | 17034b |
| 12 | 4753 | 42.8 | −11 30 | 7.25 | *8.03* | G5 | 7 | .. | 38080b |
| 13 | 5098 | 42.8 | −15 23 | 9.9 | *9.9* | Ao | 2 | .. | 38080b |
| 14 | 5078 | 42.8 | −18 48 | 9.4 | *9.4* | B9 | 4 | .. | 38063b |
| 15 | 5173 | 42.8 | −19 1 | 11.2 | 10.3 | A2 | 2 | .. | 38063b |
| 16 | 5172 | 42.8 | −19 9 | 10.1 | 9.1 | A2 | 4 | .. | 38063b |
| 17 | 14728 | 42.8 | −24 10 | 10.4 | 10.8 | A | 2 | .. | 38105b |
| 18 | 13497 | 42.8 | −26 10 | 9.0 | 9.3 | F8 | 4 | .. | 40632b |
| 19 | 12949 | 42.8 | −35 8 | 8.69 | 9.2 | Fo | 4 | .. | 40737b |
| 20 | 2034 | 42.9 | +54 47 | 6.26 | *7.04* | G5 | .. | 5,4- | **56**,96 |
| 21 | 3613 | 42.9 | +16 48 | 6.66 | *6.61* | B8 | .. | 2,8 | **56**,96 |
| 22 | 3567 | 42.9 | +15 24 | 7.20 | *7.18* | B9 | 6 | 0,7 | 37901i |
| 23 | 3873 | 42.9 | + 9 9 | 8.7 | *8.7* | B9 | 3 | .. | 39461b |
| 24 | 3802 | 42.9 | + 3 43 | 9.1 | *9.1* | Ao | 3 | .. | 13424b |
| 25 | 3565 | 42.9 | − 1 7 | 9.4 | *9.7* | Fo | 4 | .. | 38111b |
| 26 | 5099 | 42.9 | −15 24 | 8.3 | *8.3* | B9 | 6 | .. | 38080b |
| 27 | 5324 | 42.9 | −17 8 | 8.1 | *9.1* | Ko | 3 | .. | 38080b |
| 28 | 5079 | 42.9 | −18 42 | 6.46 | *6.46* | Ao | 3 | 0,7 | 10085b |
| 29 | 5272 | 42.9 | −20 15 | 8.1 | 7.8 | B8 | 7 | .. | 38105b |
| 30 | 14543 | 42.9 | −32 21 | 9.5 | 9.0 | A2 | 4 | .. | 39273b |
| 31 | 12891 | 42.9 | −37 26 | 8.3 | 9.2 | Ko | 3 | .. | 40285b |
| 32 | 12859 | 42.9 | −43 13 | 9.7 | 10.6 | K2 | 1 | .. | 38141b |
| 33 | 11258 | 42.9 | −52 25 | 7.7 | 7.6 | G5 | 7 | .. | 39457b |
| 34 | 8876 | 42.9 | −55 37 | *10.3* | 10.4 | A5 | 1 | .. | 39661b |
| 35 | 3170 | 42.9 | −68 55 | *8.4* | 8.7 | F2 | 5 | .. | 41598b |
| 36 | 3137 | 43.0 | +41 20 | 5.88 | *5.86* | B9 | 8 | .. | 38500i |
| 37 | 4585 | 43.0 | − 4 19 | 9.7 | *9.7* | Ao | 3 | .. | 38111b |
| 38 | 5173 | 43.0 | −12 25 | 9.9 | *9.9* | B8 | 2 | .. | 38080b |
| 39 | 5038 | 43.0 | −16 52 | 10.3 | *10.3* | Ao | 1 | .. | 38080b |
| 40 | 5080 | 43.0 | −18 44 | 7.02 | *7.08* | A2 | 7 | 0,4 | 38063b |
| 41 | 13501 | 43.0 | −26 31 | 8.9 | 9.6 | G5 | 4 | .. | 40632b |
| 42 | 13239 | 43.0 | −27 13 | 10.0 | 9.3 | A2 | 3 | .. | 40632b |
| 43 | 13241 | 43.0 | −27 50 | 9.3 | 9.9 | Ko | 2 | .. | 40632b |
| 44 | 16264 | 43.0 | −30 34 | 7.9 | 9.3 | Ko | 4 | .. | 40632b |
| 45 | 13135 | 43.0 | −34 47 | var. | var. | A2 | 2 | R | 39273b |
| 46 | 12791 | 43.0 | −45 16 | 11.0 | 10.0 | A3 | 1 | .. | 38141b |
| 47 | 12745 | 43.0 | −48 30 | 8.0 | 8.6 | Ko | 4 | .. | 39665b |
| 48 | 5983 | 43.0 | −62 18 | 4.42 | *4.23* | B2 | .. | R | **28**,213 |
| 49 | 1845 | 43.1 | +60 56 | 6.23 | *7.23* | Ko | 9 | .. | 38518i |
| 50 | 3292 | 43.1 | +38 15 | 8.1 | *8.9* | G5 | 1 | .. | 38500i |
| 51 | 3537 | 43.1 | +24 17 | 8.4 | *8.7* | Fo | 3 | .. | 37848i |
| 52 | 3753 | 43.1 | +13 20 | 7.09 | *7.07* | B9 | 7 | .. | 37202i |
| 53 | 3841 | 43.1 | + 7 37 | 8.3 | *8.4* | A3 | 1 | .. | 38537i |
| 54 | 3884 | 43.1 | + 4 8 | 6.34 | *7.52* | K5 | 4 | .. | 38022i |
| 55 | 4749 | 43.1 | − 2 25 | 9.4 | *9.9* | F8 | 2 | .. | 38111b |
| 56 | 4768 | 43.1 | − 5 2 | 9.00 | *9.42* | F5 | 4 | .. | 38111b |
| 57 | 4719 | 43.1 | − 7 40 | 10.7 | *11.5* | G5 | 1 | .. | 17034b |
| 58 | 5105 | 43.1 | −13 19 | 9.4 | *10.5* | K2 | 1 | .. | 38080b |
| 59 | 5100 | 43.1 | −15 8 | 8.7 | *9.7* | Ko | 3 | .. | 38080b |
| 60 | 5040 | 43.1 | −16 21 | 8.7 | *8.7* | Ao | 5 | .. | 38080b |
| 61 | 5325 | 43.1 | −17 14 | 10.1 | *10.1* | Ao | 2 | .. | 38080b |
| 62 | 5082 | 43.1 | −18 17 | 10.1 | *10.1* | B9 | 3 | .. | 38063b |
| 63 | 5081 | 43.1 | −18 47 | 10.6 | *10.6* | Ao | 3 | .. | 38063b |
| 64 | .. | 43.1 | −18 55 | .. | .. | Ao | 2 | .. | 38063b |
| 65 | 5176 | 43.1 | −19 11 | 10.3 | 9.5 | Ao | 2 | .. | 38063b |
| 66 | 15033 | 43.1 | −28 23 | 8.5 | 10.4 | Ko | 1 | .. | 40632b |
| 67 | 15389 | 43.1 | −29 11 | 9.5 | 9.7 | F8 | 3 | .. | 40632b |
| 68 | 13603 | 43.1 | −33 42 | 7.80 | 8.1 | F2 | 7 | .. | 39273b |
| 69 | 12951 | 43.1 | −35 8 | 9.78 | 9.8 | A3 | 2 | .. | 39273b |
| 70 | 12933 | 43.1 | −39 27 | 7.5 | 8.8 | F2 | 7 | .. | 40737b |
| 71 | 12935 | 43.1 | −39 54 | 8.9 | 10.0 | F5 | 3 | .. | 38141b |
| 72 | 13657 | 43.1 | −42 20 | 8.0 | 9.1 | K2 | 6 | .. | 38141b |
| 73 | 11259 | 43.1 | −52 1 | 8.8 | 9.2 | G5 | 3 | .. | 39457b |
| 74 | 6263 | 43.1 | −61 14 | 8.9 | 9.0 | F5 | 4 | .. | 40463b |
| 75 | 3599 | 43.1 | −67 48 | *8.7* | 8.7 | Ao | 4 | .. | 41598b |
| 76 | 1846 | 43.2 | +60 15 | 8.5 | *9.7* | K5 | 4 | .. | 38518i |
| 77 | *2134* | 43.2 | +57 0 | 8.3 | *8.6* | F2 | 5 | .. | 38518i |
| 78 | *3066* | 43.2 | +44 2 | 7.9 | *8.0* | A5 | 3 | .. | 37997i |
| 79 | 3065 | 43.2 | +43 54 | 8.8 | *10.2* | Mb | .. | .. | M |
| 80 | 3140 | 43.2 | +41 35 | 7.9 | *8.0* | A2 | 2 | .. | 38500i |
| 81 | 3202 | 43.2 | +33 11 | 8.4 | *9.4* | Ko | 2 | .. | 37845i |
| 82 | 3487 | 43.2 | +22 59 | 8.6 | *9.4* | G5 | 1 | .. | 37848i |
| 83 | 3608 | 43.2 | +11 4 | 7.33 | *7.31* | B9 | 6 | 1,5 | 38537i |
| 84 | 3851 | 43.2 | + 8 10 | 9.0 | *9.0* | Ao | 4 | .. | 39461b |
| 85 | 3943 | 43.2 | + 6 33 | 8.1 | *9.1* | Ko | 4 | .. | 39461b |
| 86 | 3559 | 43.2 | − 0 30 | 8.9 | *9.3* | F5 | 5 | .. | 38111b |
| 87 | 4910 | 43.2 | − 6 34 | 9.1 | *8.9* | Bo | 5 | .. | 17034b |
| 88 | 4721 | 43.2 | − 7 14 | 8.9 | *10.1* | K5 | 3 | .. | 17034b |
| 89 | 4712 | 43.2 | − 8 43 | 9.4 | *10.2* | G5 | 3 | .. | 17034b |
| 90 | 4756 | 43.2 | −11 49 | 9.4 | *9.4* | Ao | 2 | .. | 38080b |
| 91 | 5174 | 43.2 | −12 40 | 8.7 | *8.5* | B2 | 4 | .. | 38080b |
| 92 | 5083 | 43.2 | −18 51 | 9.7 | *9.8* | A2 | 5 | .. | 38063b |
| 93 | 13137 | 43.2 | −34 38 | 8.03 | 9.3 | Ma | 2 | .. | 40737b |
| 94 | 12565 | 43.2 | −47 53 | 7.30 | 6.7 | B5 | 7 | .. | 39665b |
| 95 | 12368 | 43.2 | −49 42 | 9.5 | 9.5 | Go | 2 | .. | 39665b |
| 96 | 12367 | 43.2 | −49 56 | 10.1 | 9.8 | F5 | 2 | .. | 39661b |
| 97 | 4456 | 43.2 | −63 51 | *9.2* | 9.3 | A3 | 2 | .. | 42464b |
| 98 | 1645 | 43.3 | +62 53 | 8.3 | *8.4* | A2 | 2 | .. | 37907i |
| 99 | *3069* | 43.3 | +44 3 | 8.1 | *9.3* | K5 | 1 | .. | 37997i |
| 100 | 3538 | 43.3 | +24 32 | 8.2 | *9.0* | G5 | 2 | .. | 37848i |



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## 174000 — $18^h 43^m.3$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3569 | 43.3 | +15 28 | 8.4 | *8.7* | Fo | 2 | E | 37202i |
| 2 | *3660* | 43.3 | +11 2 | 8.13 | *8.11* | B9 | 2 | .. | 38537i |
| 3 | 3662 | 43.3 | +10 16 | 8.72 | *9.90* | K5 | 1 | .. | 40333b |
| 4 | 3853 | 43.3 | + 8 35 | 9.1 | *9.2* | A2 | 4 | .. | 39461b |
| 5 | 4913 | 43.3 | − 6 7 | 6.53 | *6.59* | A2 | 6 | .. | 44008b |
| 6 | *5326* | 43.3 | −16 59 | 10.1 | *10.2* | A3 | 2 | .. | 38080b |
| 7 | 5178 | 43.3 | −19 6 | 10.6 | 10.3 | A3 | 2 | .. | 38063b |
| 8 | 14737 | 43.3 | −24 39 | 9.2 | 8.8 | Ao | 5 | .. | 38105b |
| 9 | 15036 | 43.3 | −28 48 | 10.4 | 10.5 | A2 | 1 | .. | 40632b |
| 10 | 15037 | 43.3 | −28 57 | 10.2 | 10.8 | Ao | 1 | .. | 40632b |
| 11 | 13140 | 43.3 | −34 17 | 8.4 | 8.1 | A2 | 6 | .. | 40737b |
| 12 | 13043 | 43.3 | −36 10 | 8.9 | 9.8 | K2 | 2 | .. | 40737b |
| 13 | 12868 | 43.3 | −43 42 | 8.5 | 8.2 | A5 | 8 | .. | 38141b |
| 14 | 12174 | 43.3 | −50 16 | 9.3 | 9.8 | Ko | 2 | .. | 39457b |
| 15 | 11790 | 43.3 | −51 27 | 10.3 | 9.8 | A5 | 2 | .. | 39457b |
| 16 | 1771 | 43.4 | +61 51 | 8.0 | *8.4* | F5 | 4 | R | 38518i |
| 17 | | 43.4 | +61 51 | | | A2 | | | |
| 18 | *2136* | 43.4 | +57 0 | 7.59 | *8.59* | Ko | 5 | .. | 38518i |
| 19 | 2547 | 43.4 | +46 32 | 7.91 | *7.91* | Ao | 4 | .. | 37348i |
| 20 | 3072 | 43.4 | +43 27 | 7.58 | *8.76* | K5 | 2 | .. | 37997i |
| 21 | 3210 | 43.4 | +32 11 | 8.8 | *9.1* | F | 2 | .. | 37845i |
| 22 | 3365 | 43.4 | +31 17 | 7.10 | *7.88* | G5 | 4 | .. | 37845i |
| 23 | 3081 | 43.4 | +28 53 | 8.1 | *8.2* | A2 | 4 | .. | 38456i |
| 24 | *3842* | 43.4 | + 8 1 | 8.4 | *8.4* | Ao | 2 | .. | 38537i |
| 25 | 3566 | 43.4 | − 1 16 | 9.7 | *9.7* | Ao | 2 | .. | 38111b |
| 26 | 4382 | 43.4 | − 3 13 | 8.1 | *8.1* | Ao | 7 | .. | 38111b |
| 27 | 4915 | 43.4 | − 6 34 | 10.3 | *10.3* | Ao | 4 | .. | 17034b |
| 28 | 5109 | 43.4 | −13 9 | 9.9 | *9.9* | B8 | 1 | .. | 38080b |
| 29 | 5197 | 43.4 | −14 1 | 7.7 | *8.0* | Fo | 7 | .. | 38080b |
| 30 | 5327 | 43.4 | −17 55 | 10.3 | *10.4* | A3 | 3 | .. | 38063b |
| 31 | 14739 | 43.4 | −24 30 | 10.2 | 10.4 | F5 | 2 | .. | 38105b |
| 32 | 13458 | 43.4 | −25 43 | 8.5 | 10.4 | K2 | 1 | .. | 40632b |
| 33 | 13248 | 43.4 | −27 14 | 7.5 | 8.1 | Ao | 7 | .. | 40632b |
| 34 | 13247 | 43.4 | −27 42 | 9.5 | 10.4 | K2 | 1 | .. | 40632b |
| 35 | 16029 | 43.4 | −31 27 | 10.7 | 9.9 | Go | 2 | .. | 39273b |
| 36 | 12871 | 43.4 | −43 29 | 9.3 | 10.3 | G5 | 2 | .. | 38141b |
| 37 | 12911 | 43.4 | −44 21 | 9.9 | 9.7 | Ao | 3 | .. | 38141b |
| 38 | 12795 | 43.4 | −45 39 | 9.3 | 9.1 | A5 | 6 | .. | 38141b |
| 39 | 12569 | 43.4 | −47 16 | 10.3 | 10.3 | Ao | 1 | .. | 38141b |
| 40 | 8997 | 43.4 | −56 51 | 8.3 | 9.0 | A2 | 5 | .. | 40463b |
| 41 | 7510 | 43.4 | −58 3 | 7.7 | 8.2 | Ao | 8 | .. | 40463b |
| 42 | 6266 | 43.4 | −61 18 | 9.0 | 9.0 | F8 | 4 | .. | 40463b |
| 43 | 3663 | 43.5 | +10 32 | 8.0 | *8.8* | G5 | 3 | .. | 39461b |
| 44 | 3854 | 43.5 | + 8 14 | 8.7 | *9.0* | Fo | 4 | .. | 39461b |
| 45 | 3560 | 43.5 | − 0 9 | 9.1 | *9.1* | Ao | 2 | .. | 24025b |
| 46 | 4587 | 43.5 | − 4 0 | 9.1 | *9.1* | Ao | 4 | .. | 38111b |
| 47 | 4916 | 43.5 | − 6 27 | 8.9 | *9.7* | G5 | 3 | .. | 17034b |
| 48 | 4722 | 43.5 | − 7 47 | 10.6 | *11.1* | F8 | 2 | .. | 17034b |
| 49 | 4841 | 43.5 | − 9 6 | 9.4 | *9.9* | F8 | 3 | .. | 17034b |
| 50 | 4840 | 43.5 | − 9 8 | 9.7 | *9.7* | Ao | 2 | .. | 17034b |
| 51 | 5102 | 43.5 | −15 15 | 8.8 | *8.8* | B8 | 5 | .. | 38080b |
| 52 | 5104 | 43.5 | −15 41 | 10.3 | *10.4* | A2 | 1 | .. | 38080b |
| 53 | 5086 | 43.5 | −18 24 | 8.9 | *8.9* | Ao | 5 | .. | 38063b |
| 54 | 5087 | 43.5 | −18 31 | 9.4 | *9.4* | Ao | 4 | .. | 38063b |
| 55 | 5085 | 43.5 | −18 53 | 9.4 | *10.0* | Go | 6 | .. | 38063b |
| 56 | 15394 | 43.5 | −29 51 | 10.2 | 9.9 | B9 | 3 | .. | 40632b |
| 57 | 16277 | 43.5 | −30 7 | 8.88 | 8.8 | B8 | 5 | .. | 40632b |
| 58 | 13611 | 43.5 | −33 42 | 8.11 | 8.1 | F5 | 7 | .. | 39273b |
| 59 | 9110 | 43.5 | −54 49 | *9.8* | 10.4 | Go | 2 | .. | 39661b |
| 60 | 8882 | 43.5 | −55 15 | 8.0 | 9.0 | Ko | 5 | .. | 40463b |
| 61 | 1772 | 43.6 | +61 31 | 8.7 | *9.1* | F5 | 2 | .. | 38518i |
| 62 | 1918 | 43.6 | +59 20 | 8.9 | *10.0* | K2 | 1 | .. | 38518i |
| 63 | 3361 | 43.6 | +35 46 | 7.29 | *7.29* | Ao | 6 | .. | 37845i |
| 64 | 3205 | 43.6 | +33 59 | 8.0 | *9.0* | Ko | 4 | .. | 37845i |
| 65 | 3846 | 43.6 | + 7 30 | 9.4 | *10.6* | K5 | 1 | .. | 40333b |
| 66 | 4023 | 43.6 | + 0 25 | 8.5 | *9.6* | K2 | 3 | .. | 24025b |
| 67 | 4723 | 43.6 | − 7 4 | 10.1 | *11.3* | K5 | 1 | .. | 17034b |
| 68 | .. | 43.6 | − 7 54 | .. | .. | Ao | 2 | .. | 17034b |
| 69 | 4714 | 43.6 | − 8 34 | 7.64 | *7.47* | B3 | 9 | .. | 17034b |
| 70 | 5177 | 43.6 | −12 42 | 9.1 | *9.0* | B5 | 3 | .. | 38080b |
| 71 | 5178 | 43.6 | −12 53 | 9.7 | *9.7* | B9 | 2 | .. | 38080b |
| 72 | 5181 | 43.6 | −19 1 | 8.7 | 8.2 | Ao | 7 | .. | 38063b |
| 73 | 5179 | 43.6 | −19 7 | 9.4 | 8.8 | B8 | 4 | .. | 38063b |
| 74 | 13612 | 43.6 | −33 38 | 8.7 | 8.7 | F8 | 5 | .. | 39273b |
| 75 | 12176 | 43.6 | −50 32 | 10.3 | 10.4 | G5 | 2 | .. | 39661b |
| 76 | 11792 | 43.6 | −51 38 | 7.2 | 7.4 | G5 | 8 | .. | 39457b |
| 77 | 1282 | 43.6 | −76 29 | *8.9* | 9.7 | G5 | 4 | .. | 42793b |
| 78 | 906 | 43.7 | +71 33 | 8.5 | *9.3* | G5 | 3 | .. | 38029i |
| 79 | *3790* | 43.7 | +20 1 | 8.15 | *8.15* | Ao | 2 | .. | 19372i |
| 80 | 3665 | 43.7 | +10 39 | 8.0 | *9.0* | Ko | 4 | 2,3 | 39461b |
| 81 | 4383 | 43.7 | − 3 8 | 9.7 | *10.7* | Ko | 1 | .. | 38111b |
| 82 | 4917 | 43.7 | − 6 56 | 9.7 | *9.7* | B9 | 5 | .. | 17034b |
| 83 | 4716 | 43.7 | − 8 16 | 10.3 | *10.2* | B5 | 2 | .. | 17034b |
| 84 | 4815 | 43.7 | −10 3 | 8.36 | *8.34* | B9 | 5 | .. | 38080b |
| 85 | 4816 | 43.7 | −10 42 | 9.4 | *9.8* | F5 | 3 | .. | 38080b |
| 86 | 4757 | 43.7 | −11 5 | 8.1 | *8.2* | A2 | 5 | .. | 38080b |
| 87 | 5179 | 43.7 | −12 52 | 10.3 | *10.3* | B9 | 1 | .. | 38080b |
| 88 | 5198 | 43.7 | −14 30 | 8.5 | *8.6* | A3 | 6 | .. | 38080b |
| 89 | 5041 | 43.7 | −16 50 | var. | var. | G5p | 6 | R | 20060b |
| 90 | 5151 | 43.7 | −21 0 | 10.6 | 10.6 | B9 | 2 | .. | 38105b |
| 91 | 14744 | 43.7 | −23 28 | 9.7 | 10.6 | Ko | 2 | .. | 38105b |
| 92 | 13045 | 43.7 | −36 23 | 9.9 | 9.6 | Ao | 3 | .. | 40737b |
| 93 | 12852 | 43.7 | −40 31 | 7.9 | 9.1 | Ko | 7 | .. | 38141b |
| 94 | *13667* | 43.7 | −41 59 | 9.2 | 8.8 | A2 | 6 | .. | 38141b |
| 95 | 12797 | 43.7 | −45 8 | 7.80 | 7.8 | A3 | 8 | .. | 38141b |
| 96 | 12372 | 43.7 | −49 53 | 8.69 | 8.0 | Ao | 5 | .. | 39665b |
| 97 | 11260 | 43.7 | −52 2 | 10.0 | 11.2 | K5 | 1 | .. | 39457b |
| 98 | 7391 | 43.7 | −59 3 | 8.6 | 9.6 | F5 | 2 | .. | 40463b |
| 99 | 7185 | 43.7 | −60 20 | 8.5 | 8.2 | Ao | 8 | .. | 40463b |
| 100 | 3760 | 43.7 | −65 1 | 8.85 | 9.5 | Ko | 3 | .. | 42464b |



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## 174100 — $18^h\,43^m.7$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 1328 | 43.7 | −77 42 | *9.0* | 10.0 | Ko | 3 | .. | 42793b |
| 2 | 1020 | 43.8 | +70 29 | 8.1 | *8.1* | Ao | 6 | .. | 38029i |
| 3 | *1094* | 43.8 | +68 1 | 9.0 | *10.0* | Ko | 1 | .. | 38029i |
| 4 | 3085 | 43.8 | +28 37 | 8.4 | *9.2* | G5 | 2 | .. | 38456i |
| 5 | 3573 | 43.8 | +15 17 | 6.87 | *6.82* | B8 | 9 | .. | 37202i |
| 6 | 3667 | 43.8 | +10 4 | 8.77 | *8.75* | B9 | 4 | .. | 39461b |
| 7 | .. | 43.8 | + 0 28 | Nov. | Nov. | Pec. | .. | R | M |
| 8 | 4751 | 43.8 | − 2 37 | 8.9 | *9.2* | F2 | 4 | .. | 38111b |
| 9 | 4717 | 43.8 | − 8 25 | 7.26 | *8.26* | Ko | 8 | .. | 17034b |
| 10 | 4817 | 43.8 | −10 20 | 9.4 | *9.4* | B8 | 3 | .. | 38080b |
| 11 | 5181 | 43.8 | −12 31 | 10.6 | *10.6* | B9 | 1 | .. | 38080b |
| 12 | 5182 | 43.8 | −12 56 | 8.9 | *9.4* | F8 | 2 | .. | 38080b |
| 13 | 5332 | 43.8 | −17 1 | 8.2 | *8.2* | B9 | 6 | .. | 38080b |
| 14 | 5088 | 43.8 | −18 36 | 10.6 | *10.6* | Ao | 1 | .. | 38063b |
| 15 | 5182 | 43.8 | −19 15 | 6.42 | 6.9 | Ao | 7 | *1,6* | 38063b |
| 16 | 5277 | 43.8 | −20 26 | 5.37 | 6.7 | Ko | .. | 0,7- | **56**,143 |
| 17 | 13520 | 43.8 | −26 3 | 9.2 | 9.7 | G5 | 4 | .. | 40632b |
| 18 | 13519 | 43.8 | −26 12 | 11.4 | 10.2 | A2 | 3 | .. | 40632b |
| 19 | 16033 | 43.8 | −31 15 | 8.7 | 9.0 | Fo | 4 | .. | 40632b |
| 20 | 13047 | 43.8 | −36 55 | 7.74 | 8.4 | Go | 7 | .. | 40737b |
| 21 | 11261 | 43.8 | −52 30 | 7.5 | 7.6 | Ko | 7 | .. | 39457b |
| 22 | 9114 | 43.8 | −54 24 | 9.0 | 9.2 | Go | 5 | .. | 39661b |
| 23 | 999 | 43.9 | +69 14 | 7.94 | *8.72* | G5 | 4 | .. | 38029i |
| 24 | 3317 | 43.9 | +34 9 | 8.7 | *9.1* | F5 | 2 | .. | 37845i |
| 25 | 3212 | 43.9 | +32 13 | 9.0 | *9.0* | A | 2 | .. | 37845i |
| 26 | 3086 | 43.9 | +28 32 | 7.6 | *8.7* | K2 | 2 | .. | 38456i |
| 27 | 3668 | 43.9 | +10 22 | 9.7 | *9.7* | Ao | 1 | .. | 40333b |
| 28 | 3856 | 43.9 | + 8 6 | 9.1 | *9.6* | F8 | 2 | .. | 39461b |
| 29 | 4026 | 43.9 | + 0 11 | 8.88 | *9.30* | F5 | 4 | .. | 24025b |
| 30 | *3568* | 43.9 | − 0 58 | 9.4 | *9.9* | F8 | 3 | .. | 38111b |
| 31 | 4845 | 43.9 | − 9 48 | 9.9 | *10.7* | G5 | 2 | .. | 38080b |
| 32 | 4760 | 43.9 | −11 17 | 9.1 | *9.1* | Ao | 2 | .. | 38080b |
| 33 | 4758 | 43.9 | −11 54 | 8.1 | *8.1* | B9 | 5 | .. | 38080b |
| 34 | 5278 | 43.9 | −20 7 | 8.5 | 9.1 | F8 | 3 | .. | 38105b |
| 35 | 5279 | 43.9 | −20 42 | 10.6 | 10.3 | B9 | 2 | .. | 38105b |
| 36 | 12655 | 43.9 | −46 33 | 9.1 | 9.0 | A5 | 7 | .. | 38141b |
| 37 | 11795 | 43.9 | −51 36 | 8.1 | 8.6 | K2 | 3 | .. | 39457b |
| 38 | 9115 | 43.9 | −54 2 | *9.5* | 10.1 | Go | 2 | .. | 39661b |
| 39 | 9228 | 43.9 | −57 18 | 7.7 | 8.4 | Ao | 6 | .. | 40463b |
| 40 | 3849 | 44.0 | + 7 50 | 7.9 | *8.0* | A2 | 4 | .. | 38537i |
| 41 | 4919 | 44.0 | − 6 16 | 9.9 | *10.5* | Go | 2 | .. | 17034b |
| 42 | 4819 | 44.0 | −10 30 | 7.9 | *8.9* | Ko | 6 | .. | 38080b |
| 43 | 5183 | 44.0 | −12 28 | 9.7 | *10.8* | K2 | 1 | .. | 38080b |
| 44 | 5334 | 44.0 | −17 2 | 9.2 | *9.2* | B9 | 3 | .. | 38063b |
| 45 | 5090 | 44.0 | −18 13 | 9.4 | *9.4* | B8 | 4 | .. | 38063b |
| 46 | 14748 | 44.0 | −24 21 | 10.9 | 10.4 | F | 2 | .. | 38105b |
| 47 | 14750 | 44.0 | −24 44 | 8.3 | 9.0 | G5 | 5 | .. | 38105b |
| 48 | 13465 | 44.0 | −25 13 | 9.7 | 9.7 | Go | 1 | .. | 40632b |
| 49 | 13523 | 44.0 | −26 54 | 10.2 | 9.9 | A2 | 2 | .. | 40632b |
| 50 | 16291 | 44.0 | −30 19 | 8.7 | 9.7 | Go | 1 | .. | 40632b |
| 51 | 13049 | 44.0 | −36 35 | 9.0 | 9.5 | G5 | 3 | .. | 40737b |
| 52 | 13159 | 44.0 | −41 10 | 6.82 | 6.9 | B5 | .. | .. | **56**,143 |
| 53 | 12917 | 44.0 | −44 35 | 7.3 | 8.1 | Go | 8 | .. | 38141b |
| 54 | 12754 | 44.0 | −48 34 | 8.6 | 9.8 | G5 | 2 | .. | 39665b |
| 55 | 11262 | 44.0 | −52 20 | *8.8* | 9.3 | F8 | 3 | .. | 39457b |
| 56 | 1289 | 44.1 | +64 42 | 7.30 | *8.30* | Ko | 4 | .. | 37907i |
| 57 | *2113* | 44.1 | +56 0 | 8.9 | *9.0* | A2 | 2 | .. | 38518i |
| 58 | 3087 | 44.1 | +28 56 | 8.4 | *8.5* | A5 | 3 | .. | 38456i |
| 59 | 3459 | 44.1 | +23 36 | 7.8 | *7.8* | B9 | 5 | .. | 37848i |
| 60 | 3461 | 44.1 | +23 24 | 6.04 | *6.46* | F5 | 8 | .. | 37848i |
| 61 | 3886 | 44.1 | + 4 35 | 9.7 | *10.2* | F8 | 2 | .. | 40333b |
| 62 | 3570 | 44.1 | − 1 5 | 7.9 | *7.9* | Ao | 8 | .. | 38111b |
| 63 | 4726 | 44.1 | − 7 41 | 8.1 | *8.1* | B9 | 8 | .. | 17034b |
| 64 | 5107 | 44.1 | −15 9 | 8.9 | *10.1* | K5 | 1 | .. | 38080b |
| 65 | 5184 | 44.1 | −19 51 | 9.08 | 9.2 | Ao | 3 | .. | 38105b |
| 66 | *4873* | 44.1 | −21 58 | 9.9 | 9.8 | Fo | 2 | .. | 38105b |
| 67 | 4872 | 44.1 | −22 11 | 11.2 | 10.6 | A | 2 | .. | 38105b |
| 68 | R | 44.1 | −22 18 | 11.6 | 10.9 | A | 2 | .. | 23765b |
| 69 | | 44.1 | −22 19 | | 10.9 | A | | | |
| 70 | R | 44.1 | −22 57 | 7.41 | 8.5 | G5 | 6 | .. | 38105b |
| 71 | 15055 | 44.1 | −28 43 | 7.5 | 9.3 | G5 | 5 | .. | 40632b |
| 72 | 13150 | 44.1 | −34 28 | 8.9 | 9.8 | Ko | 2 | .. | 39273b |
| 73 | 12803 | 44.1 | −45 58 | 8.5 | 8.8 | Fo | 7 | .. | 38141b |
| 74 | 9345 | 44.1 | −53 33 | 8.4 | 8.9 | A2 | 4 | .. | 39661b |
| 75 | 2358 | 44.1 | −71 12 | *8.3* | 9.3 | Ko | 5 | .. | 41442b |
| 76 | 1902 | 44.2 | +57 31 | 9.3 | *10.4* | K2 | 2 | .. | 38518i |
| 77 | 2551 | 44.2 | +46 12 | 6.47 | *6.47* | Ao | 9 | .. | 37348i |
| 78 | 3143 | 44.2 | +41 56 | 7.8 | *9.0* | K5 | 1 | .. | 38500i |
| 79 | 3369 | 44.2 | +31 39 | 5.78 | *5.61* | B3 | 10 | .. | 37845i |
| 80 | 3630 | 44.2 | +25 56 | 8.4 | *9.4* | Ko | 1 | .. | 37848i |
| 81 | 3564 | 44.2 | − 0 7 | 8.68 | *9.86* | K5 | 2 | .. | 24025b |
| 82 | 3563 | 44.2 | − 0 30 | 8.3 | *8.2* | B5 | 6 | .. | 38111b |
| 83 | 4385 | 44.2 | − 3 9 | 9.7 | *10.7* | Ko | 1 | .. | 38111b |
| 84 | 4920 | 44.2 | − 6 45 | 9.7 | *9.7* | Ao | 4 | .. | 17034b |
| 85 | 4847 | 44.2 | − 9 8 | 9.4 | *10.6* | K5 | 2 | .. | 17034b |
| 86 | 4765 | 44.2 | −11 11 | 10.6 | *10.6* | Ao | 1 | .. | 38080b |
| 87 | 4764 | 44.2 | −11 39 | 9.1 | *9.1* | B9 | 3 | .. | 38080b |
| 88 | 5112 | 44.2 | −13 21 | 10.1 | *10.1* | B9 | 1 | .. | 38080b |
| 89 | 5110 | 44.2 | −15 44 | 9.4 | *9.4* | B8 | 4 | .. | 38080b |
| 90 | 5093 | 44.2 | −18 3 | 8.3 | *8.3* | B8 | 6 | .. | 38063b |
| 91 | 5091 | 44.2 | −18 33 | 9.1 | *9.5* | F5 | 3 | R | 37622b |
| 92 | | 44.2 | −18 33 | | | A2 | | | |
| 93 | 13271 | 44.2 | −27 16 | 10.4 | 9.9 | Ao | 2 | .. | 40632b |
| 94 | 13269 | 44.2 | −27 25 | 11.2 | 10.5 | Ao | 1 | .. | 40632b |
| 95 | 15058 | 44.2 | −28 45 | 11.6 | 10.2 | A | 1 | .. | 40632b |
| 96 | 13153 | 44.2 | −34 25 | 7.23 | 7.6 | B9 | 8 | .. | 40737b |
| 97 | 13138 | 44.2 | −38 11 | 8.9 | 10.0 | F5 | 1 | .. | 40737b |
| 98 | 13139 | 44.2 | −38 30 | 8.9 | 9.4 | A3 | 3 | .. | 40737b |
| 99 | 12943 | 44.2 | −39 17 | 7.06 | 8.2 | K2 | 7 | .. | 40737b |
| 100 | 12889 | 44.2 | −43 45 | 10.6 | 10.9 | Ao | 1 | .. | 38141b |



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1922AnHar..97....1C



## 174200 — $18^h\ 44^m.2$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12583 | 44.2 | −47 20 | 9.3 | 9.6 | Go | 1 | .. | 38141b |
| 2 | 11797 | 44.2 | −51 29 | 9.7 | 9.5 | F5 | 3 | .. | 39661b |
| 3 | 9120 | 44.2 | −54 28 | *9.2* | 10.2 | Ko | 2 | .. | 39661b |
| 4 | 8886 | 44.2 | −55 16 | *9.6* | 10.4 | G5 | 2 | .. | 39661b |
| 5 | 1023 | 44.3 | +70 41 | 6.56 | *7.63* | K2 | 8 | .. | 38029i |
| 6 | 3671 | 44.3 | +10 29 | 9.7 | *9.7* | Ao | 1 | .. | 40333b |
| 7 | 3565 | 44.3 | − 0 40 | 10.4 | *10.9* | F8 | 1 | .. | 38111b |
| 8 | 4922 | 44.3 | − 6 1 | 6.22 | *7.22* | Ko | 3 | 0,9 | 44008b |
| 9 | 4923 | 44.3 | − 6 3 | 8.7 | *9.7* | Ko | 5 | .. | 38111b |
| 10 | 4921 | 44.3 | − 6 56 | 9.9 | *9.9* | B9 | 3 | .. | 17034b |
| 11 | 4728 | 44.3 | − 7 34 | 10.1 | *10.1* | B9 | 4 | .. | 17034b |
| 12 | 4719 | 44.3 | − 8 42 | 10.3 | *10.3* | Ao | 3 | .. | 17034b |
| 13 | 4876 | 44.3 | −22 11 | 10.6 | 10.3 | Ao | 2 | .. | 38105b |
| 14 | 15062 | 44.3 | −28 55 | 9.7 | 10.4 | F2 | 2 | .. | 40632b |
| 15 | 16304 | 44.3 | −30 21 | 8.3 | 9.0 | Ao | 5 | .. | 40632b |
| 16 | 12966 | 44.3 | −35 18 | 9.9 | 9.9 | A3 | 1 | .. | 39273b |
| 17 | 12906 | 44.3 | −37 21 | 7.59 | 8.9 | K2 | 5 | .. | 40737b |
| 18 | 13141 | 44.3 | −38 16 | 9.9 | 10.5 | Ao | 1 | .. | 40737b |
| 19 | 12660 | 44.3 | −46 21 | 9.7 | 9.9 | A2 | 3 | .. | 38141b |
| 20 | 1919 | 44.4 | +59 27 | 7.9 | *9.1* | K5 | 3 | .. | 38518i |
| 21 | 3362 | 44.4 | +35 56 | 8.8 | *9.1* | F | 2 | .. | 37845i |
| 22 | 3319 | 44.4 | +34 32 | 8.6 | *8.6* | B9 | 3 | .. | 37845i |
| 23 | 3796 | 44.4 | +19 42 | 7.9 | *7.9* | B9 | 3 | .. | 37848i |
| 24 | 3622 | 44.4 | +16 9 | 8.1 | *8.7* | Go | 4 | .. | 37202i |
| 25 | 4721 | 44.4 | − 8 18 | 8.7 | *9.9* | K5 | 3 | .. | 17034b |
| 26 | 5115 | 44.4 | −13 23 | 9.2 | *9.8* | Go | 4 | .. | 38080b |
| 27 | 5096 | 44.4 | −18 19 | 10.6 | *10.6* | Ao | 2 | .. | 38063b |
| 28 | 5186 | 44.4 | −19 5 | 9.1 | 8.8 | B8 | 6 | .. | 38063b |
| 29 | 13535 | 44.4 | −26 53 | 7.22 | 7.5 | A2 | 9 | .. | 40632b |
| 30 | 14566 | 44.4 | −32 40 | 10.6 | 10.5 | A2 | 1 | .. | 39273b |
| 31 | *12861* | 44.4 | −39 58 | 9.3 | 10.6 | K5 | 2 | .. | 38141b |
| 32 | 13167 | 44.4 | −41 38 | 7.3 | 8.1 | G5 | 7 | .. | 38141b |
| 33 | 12378 | 44.4 | −49 46 | 8.7 | 7.8 | F5 | 4 | .. | 39665b |
| 34 | 8887 | 44.4 | −55 0 | 9.0 | 9.5 | Ao | 3 | .. | 40463b |
| 35 | 8888 | 44.4 | −55 56 | *9.6* | 10.7 | K2 | 1 | .. | 39661b |
| 36 | 9002 | 44.4 | −56 8 | *9.4* | 10.4 | Ko | 1 | .. | 39661b |
| 37 | 2280 | 44.5 | +52 53 | 5.76 | *5.64* | B5 | 9 | 3,9 | 37884i |
| 38 | 3764 | 44.5 | +13 6 | 8.3 | *8.3* | Ao | 3 | R | 38537i |
| 39 | 3617 | 44.5 | +11 13 | 8.6 | *9.2* | Go | 1 | .. | 40333b |
| 40 | 4027 | 44.5 | + 0 44 | 6.26 | *6.26* | Ao | 8 | .. | 38022i |
| 41 | 3567 | 44.5 | − 0 56 | 10.0 | *10.5* | F8 | 2 | .. | 38111b |
| 42 | 4729 | 44.5 | − 7 35 | 9.2 | *9.2* | Ao | 7 | .. | 17034b |
| 43 | 4730 | 44.5 | − 7 46 | 10.1 | *9.9* | B3 | 4 | .. | 17034b |
| 44 | 4768 | 44.5 | −11 1 | 10.3 | *10.3* | B9 | 1 | .. | 38080b |
| 45 | 4766 | 44.5 | −11 17 | 10.1 | *10.1* | B8 | 3 | .. | 38080b |
| 46 | 5111 | 44.5 | −15 33 | 10.1 | *11.1* | Ko | 1 | .. | 38080b |
| 47 | 4878 | 44.5 | −22 56 | 9.2 | 8.5 | B9 | 3 | .. | 38105b |
| 48 | 13539 | 44.5 | −26 27 | 9.5 | 9.6 | A2 | 3 | .. | 40632b |
| 49 | 16050 | 44.5 | −31 4 | 7.88 | 8.1 | Ao | 7 | .. | 40632b |
| 50 | *13634* | 44.5 | −32 59 | 9.0 | 9.3 | Go | 4 | .. | 39273b |
| 51 | 13158 | 44.5 | −34 35 | 9.3 | 9.9 | Go | 1 | .. | 39273b |
| 52 | 12892 | 44.5 | −43 49 | 9.2 | 9.9 | Fo | 3 | .. | 38141b |
| 53 | 8890 | 44.5 | −55 36 | *9.7* | 10.7 | Ko | 1 | .. | 39661b |
| 54 | 8889 | 44.5 | −55 40 | *9.5* | 10.7 | K5 | 1 | .. | 39661b |
| 55 | 2315 | 44.5 | −72 58 | *9.4* | 9.5 | A2 | 2 | .. | 42526b |
| 56 | 164 | 44.5 | −88 38 | *9.8* | 10.6 | G5 | 2 | .. | 22980b |
| 57 | 678 | 44.6 | +75 12 | 7.42 | *7.70* | Fo | 4 | .. | 38044i |
| 58 | 1848 | 44.6 | +60 25 | 9.0 | *10.0* | Ko | 2 | .. | 38518i |
| 59 | 1921 | 44.6 | +59 35 | 7.31 | *8.31* | Ko | 5 | .. | 38518i |
| 60 | 3270 | 44.6 | +36 58 | 7.18 | *7.13* | B8 | 7 | .. | 37845i |
| 61 | 3560 | 44.6 | +21 3 | 6.93 | *6.81* | B5 | 6 | .. | 37848i |
| 62 | 3798 | 44.6 | +19 13 | 5.82 | *5.82* | Ao | 8 | 0,9 | 19372i |
| 63 | 3654 | 44.6 | +14 33 | 7.05 | *7.05* | Ao | 8 | .. | 37202i |
| 64 | 3766 | 44.6 | +13 23 | 8.3 | *8.3* | Ao | 3 | .. | 37202i |
| 65 | 3958 | 44.6 | + 5 35 | 8.7 | *8.8* | A2 | 5 | .. | 39461b |
| 66 | 5117 | 44.6 | −13 22 | 10.1 | *10.1* | Ao | 2 | .. | 38080b |
| 67 | 5202 | 44.6 | −14 55 | 10.3 | *10.3* | Ao | 1 | .. | 38080b |
| 68 | 5336 | 44.6 | −17 21 | 9.4 | *10.2* | G5 | 2 | .. | 38063b |
| 69 | 5098 | 44.6 | −18 20 | 10.1 | *10.1* | B9 | 3 | .. | 38063b |
| 70 | 5189 | 44.6 | −19 25 | 8.9 | 9.1 | Go | 4 | .. | 38063b |
| 71 | 16310 | 44.6 | −30 55 | 8.0 | 8.7 | Ao | 6 | .. | 40632b |
| 72 | 12970 | 44.6 | −35 11 | 10.8 | 10.1 | A2 | 1 | .. | 39273b |
| 73 | 13144 | 44.6 | −38 58 | 7.9 | 8.2 | Fo | 6 | .. | 40737b |
| 74 | 12863 | 44.6 | −40 1 | 8.3 | 8.6 | Ao | 7 | .. | 38141b |
| 75 | 9003 | 44.6 | −56 37 | 9.2 | 10.2 | Ko | 2 | .. | 39661b |
| 76 | 6272 | 44.6 | −61 34 | *9.6* | 9.6 | Ao | 2 | .. | 42464b |
| 77 | 3619 | 44.7 | +11 18 | 8.9 | *8.9* | Ao | 2 | .. | 40333b |
| 78 | 3856 | 44.7 | + 7 47 | 9.1 | *9.1* | Ao | 2 | .. | 39461b |
| 79 | 4775 | 44.7 | − 5 4 | 8.65 | *9.43* | G5 | 5 | .. | 38111b |
| 80 | 4926 | 44.7 | − 6 5 | 9.4 | *9.4* | Ao | 6 | .. | 38111b |
| 81 | 4925 | 44.7 | − 6 32 | 9.4 | *10.6* | K5 | 2 | .. | 17034b |
| 82 | 4924 | 44.7 | − 6 37 | 9.7 | *10.0* | F2 | 4 | .. | 17034b |
| 83 | 4723 | 44.7 | − 8 30 | 9.2 | *10.4* | K5 | 2 | .. | 17034b |
| 84 | *4849* | 44.7 | − 8 58 | 9.4 | *9.7* | Fo | 3 | .. | 17034b |
| 85 | 4850 | 44.7 | − 9 2 | 9.4 | *9.5* | A5 | 3 | .. | 17034b |
| 86 | 5281 | 44.7 | −20 57 | 9.9 | 10.0 | A5 | 2 | .. | 38105b |
| 87 | 4880 | 44.7 | −22 23 | 8.7 | 9.1 | Ko | 3 | .. | 38105b |
| 88 | 13540 | 44.7 | −26 57 | 10.7 | 9.6 | Fo | 3 | .. | 40632b |
| 89 | 15419 | 44.7 | −29 51 | 10.2 | 10.2 | F5 | 1 | .. | 40632b |
| 90 | 14573 | 44.7 | −32 47 | 8.9 | 9.6 | Go | 3 | .. | 39273b |
| 91 | 12864 | 44.7 | −40 42 | 8.6 | 9.2 | Fo | 5 | .. | 38141b |
| 92 | 12896 | 44.7 | −43 44 | 11.6 | 10.8 | Ao | 1 | .. | 38141b |
| 93 | 12923 | 44.7 | −44 48 | 8.0 | 8.5 | A2 | 7 | .. | 38141b |
| 94 | 12760 | 44.7 | −48 33 | 8.6 | 8.7 | Ao | 4 | .. | 39665b |
| 95 | 11268 | 44.7 | −52 13 | 5.27 | 6.4 | Ko | .. | R | 56,143 |
| 96 | 3209 | 44.8 | +33 40 | 7.8 | *8.8* | Ko | 4 | .. | 37845i |
| 97 | 3220 | 44.8 | +32 40 | 7.54 | *8.72* | K5 | 3 | .. | 37845i |
| 98 | 3465 | 44.8 | +23 57 | 6.51 | *6.34* | B3 | 8 | .. | 37848i |
| 99 | 4028 | 44.8 | + 0 26 | 9.1 | *9.4* | Fo | 2 | .. | 13424b |
| 100 | 4732 | 44.8 | − 7 42 | 10.6 | *10.7* | A3 | 2 | .. | 17034b |



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## 174300 — 18h 44m.8

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4823 | 44.8 | −10 39 | 9.2 | *10.4* | K5 | 2 | .. | 38080b |
| 2 | 5204 | 44.8 | −14 30 | 8.5 | *8.8* | Fo | 6 | .. | 38080b |
| 3 | 5113 | 44.8 | −15 23 | 9.7 | *10.2* | F8 | 2 | .. | 38080b |
| 4 | 5101 | 44.8 | −18 19 | 9.9 | *10.7* | G5 | 1 | .. | 38063b |
| 5 | 5193 | 44.8 | −19 20 | 9.7 | 10.6 | K5 | 1 | .. | 38063b |
| 6 | 5192 | 44.8 | −19 46 | 10.6 | 9.8 | B9 | 2 | .. | 38063b |
| 7 | 5283 | 44.8 | −20 23 | 9.7 | 10.6 | A | 3 | .. | 38105b |
| 8 | 5282 | 44.8 | −20 45 | 9.1 | 10.6 | K2 | 2 | .. | 38105b |
| 9 | 4881 | 44.8 | −22 17 | 6.24 | 6.4 | Fo | .. | 2,6- | 56,143 |
| 10 | 14757 | 44.8 | −23 3 | 11.4 | 10.9 | K2 | 1 | R | 38105b |
| 11 | 14756 | 44.8 | −23 4 | 10.7 | 10.9 | | | | |
| 12 | 14758 | 44.8 | −23 43 | 8.9 | 9.2 | Go | 3 | .. | 38105b |
| 13 | 14761 | 44.8 | −24 37 | 9.7 | 10.5 | Go | 2 | .. | 38105b |
| 14 | 13279 | 44.8 | −27 39 | 9.7 | 10.5 | Ko | 1 | .. | 40632b |
| 15 | 14578 | 44.8 | −32 6 | 9.9 | 10.5 | Ao | 1 | .. | 39273b |
| 16 | 12925 | 44.8 | −44 11 | 10.6 | 10.7 | G5 | 1 | .. | 38141b |
| 17 | 12807 | 44.8 | −45 38 | 9.9 | 10.4 | F8 | 2 | .. | 38141b |
| 18 | 11801 | 44.8 | −51 46 | 9.9 | 8.9 | Fo | 3 | .. | 39661b |
| 19 | 2588 | 44.8 | −70 36 | *8.4* | 9.4 | Ko | 2 | .. | 41598b |
| 20 | 1849 | 44.9 | +60 44 | 8.5 | *8.6* | A5 | 5 | .. | 38518i |
| 21 | 3239 | 44.9 | +37 43 | 7.8 | *8.8* | Ko | 1 | .. | 38500i |
| 22 | 3621 | 44.9 | +11 33 | 7.9 | *9.0* | K2 | 2 | .. | 40333b |
| 23 | 4388 | 44.9 | − 3 44 | 7.15 | *8.22* | K2 | 7 | .. | 38111b |
| 24 | 4733 | 44.9 | − 7 23 | 9.1 | *9.2* | A5 | 8 | .. | 17034b |
| 25 | 4726 | 44.9 | − 8 1 | var. | var. | Nb | 2 | R | 17034b |
| 26 | 4773 | 44.9 | −11 7 | 8.9 | *8.9* | B9 | 4 | .. | 38080b |
| 27 | 4772 | 44.9 | −11 14 | 10.1 | *10.1* | B9 | 1 | .. | 38080b |
| 28 | 5119 | 44.9 | −13 41 | 6.51 | *7.58* | K2 | 7 | .. | 38080b |
| 29 | 5046 | 44.9 | −16 52 | 8.6 | *9.6* | Ko | 3 | .. | 38080b |
| 30 | 5340 | 44.9 | −17 50 | 10.1 | *10.1* | Ao | 2 | .. | 38063b |
| 31 | 4882 | 44.9 | −22 42 | 9.9 | 9.7 | Go | 3 | .. | 38105b |
| 32 | 13281 | 44.9 | −27 50 | 8.9 | 9.6 | Ao | 3 | .. | 40632b |
| 33 | 15422 | 44.9 | −29 32 | 9.3 | 10.2 | K5 | 1 | .. | 40632b |
| 34 | 16321 | 44.9 | −30 8 | 8.58 | 9.0 | Ao | 6 | .. | 40632b |
| 35 | 12973 | 44.9 | −35 4 | 8.63 | 8.9 | Fo | 5 | .. | 40737b |
| 36 | 13064 | 44.9 | −36 34 | 7.5 | 8.9 | K5 | 4 | .. | 40737b |
| 37 | 12927 | 44.9 | −44 39 | 7.14 | 8.1 | Ko | 7 | .. | 38141b |
| 38 | 12183 | 44.9 | −50 48 | 9.3 | 10.1 | Ko | 3 | .. | 39661b |
| 39 | 9005 | 44.9 | −56 36 | 9.2 | 10.2 | F5 | 1 | .. | 39661b |
| 40 | 2947 | 44.9 | −69 54 | 8.46 | 9.3 | G5 | 2 | .. | 41598b |
| 41 | 755 | 44.9 | −82 38 | *7.6* | 8.2 | Go | 5 | .. | 14161b |
| 42 | 1095 | 45.0 | +67 23 | 9.5 | *10.6* | K2 | 1 | .. | 37907i |
| 43 | 2871 | 45.0 | +49 19 | 7.18 | *7.60* | F5 | 4 | R | 36773i |
| 44 | | 45.0 | +49 19 | | | A | | | |
| 45 | 3272 | 45.0 | +36 20 | 7.32 | *7.30* | B9 | 5 | .. | 37845i |
| 46 | 3323 | 45.0 | +34 20 | 8.0 | *8.8* | G5 | 2 | .. | 37845i |
| 47 | 3221 | 45.0 | +32 23 | 8.37 | *8.43* | A2 | 2 | .. | 37845i |
| 48 | 3677 | 45.0 | +10 34 | 8.03 | *8.11* | A3 | 3 | .. | 38537i |
| 49 | 3675 | 45.0 | +10 25 | 7.53 | *8.60* | K2 | 2 | .. | 38537i |
| 50 | 3951 | 45.0 | + 6 45 | 7.7 | *8.8* | K2 | 4 | .. | 39461b |
| 51 | *3809* | 45.0 | + 4 2 | 8.4 | *9.0* | Go | 7 | .. | 40333b |
| 52 | *4734* | 45.0 | − 6 57 | 10.8 | *10.9* | A3 | 2 | .. | 17034b |
| 53 | *4735* | 45.0 | − 6 59 | 9.1 | *9.4* | Fo | 6 | .. | 17034b |
| 54 | 5194 | 45.0 | −19 0 | 10.6 | 10.6 | K5 | 1 | .. | 38063b |
| 55 | 14760 | 45.0 | −23 9 | 8.9 | 10.7 | Ko | 2 | .. | 38105b |
| 56 | 14762 | 45.0 | −24 30 | 8.7 | 9.0 | B9 | 5 | .. | 38105b |
| 57 | 13482 | 45.0 | −25 6 | 9.50 | 9.3 | A2 | 4 | .. | 38105b |
| 58 | 13546 | 45.0 | −26 8 | 9.2 | 9.6 | G5 | 3 | .. | 40632b |
| 59 | 13282 | 45.0 | −27 6 | 10.0 | 9.3 | B8 | 3 | .. | 40632b |
| 60 | 16323 | 45.0 | −30 14 | 7.4 | 9.0 | Ko | 4 | .. | 40632b |
| 61 | 12977 | 45.0 | −35 29 | 8.3 | 8.9 | Ko | 6 | .. | 40737b |
| 62 | 13692 | 45.0 | −42 20 | 10.1 | 10.0 | Ko | 1 | .. | 38141b |
| 63 | 12898 | 45.0 | −43 20 | 10.1 | 11.1 | K2 | 1 | .. | 38141b |
| 64 | 9132 | 45.0 | −54 39 | *9.8* | 9.8 | Ao | 3 | .. | 39661b |
| 65 | 6274 | 45.0 | −61 5 | 8.7 | 9.6 | Ko | 1 | .. | 40463b |
| 66 | 2767 | 45.1 | +48 58 | 6.41 | *6.41* | Ao | 7 | 0,8 | 37884i |
| 67 | 2774 | 45.1 | +45 37 | 8.2 | *9.3* | K2 | 2 | .. | 37348i |
| 68 | 3325 | 45.1 | +34 21 | 8.8 | *8.8* | Ao | 1 | .. | 37845i |
| 69 | 3545 | 45.1 | +24 56 | 6.56 | *6.56* | Ao | 7 | .. | 37848i |
| 70 | 3626 | 45.1 | +11 42 | 8.3 | *9.5* | K5 | 1 | .. | 38537i |
| 71 | 3624 | 45.1 | +11 3 | 7.8 | *7.8* | Ao | 4 | .. | 38537i |
| 72 | 3862 | 45.1 | + 8 24 | 8.9 | *8.9* | B8 | 4 | .. | 39461b |
| 73 | 3568 | 45.1 | − 0 8 | 9.1 | *9.5* | F5 | 5 | .. | 38111b |
| 74 | 3571 | 45.1 | − 1 41 | 9.7 | *10.0* | Fo | 3 | .. | 38111b |
| 75 | 4757 | 45.1 | − 2 15 | 9.2 | *9.3* | A3 | 5 | .. | 38111b |
| 76 | 4736 | 45.1 | − 7 7 | 8.7 | *9.0* | F2 | 8 | .. | 17034b |
| 77 | 4737 | 45.1 | − 7 25 | 9.4 | *10.2* | G5 | 4 | .. | 17034b |
| 78 | .. | 45.1 | − 8 3 | .. | .. | A | 2 | .. | 17034b |
| 79 | 4852 | 45.1 | − 9 44 | 9.4 | *9.4* | Ao | 2 | .. | 38080b |
| 80 | 4825 | 45.1 | −10 14 | 9.4 | *10.2* | G5 | 2 | .. | 38080b |
| 81 | 4824 | 45.1 | −10 41 | 10.3 | *10.3* | B9 | 1 | .. | 38080b |
| 82 | 5122 | 45.1 | −13 53 | 9.4 | *10.4* | Ko | 1 | .. | 38080b |
| 83 | 5286 | 45.1 | −20 24 | var. | var. | Go | 6 | 0,3 R | 38105b |
| 84 | 13547 | 45.1 | −26 50 | 10.0 | 10.2 | A2 | 2 | .. | 40632b |
| 85 | *16064* | 45.1 | −30 59 | 8.82 | 9.7 | Ko | 1 | .. | 40632b |
| 86 | 12931 | 45.1 | −44 27 | 8.9 | 8.4 | F5 | 7 | .. | 38141b |
| 87 | 12669 | 45.1 | −46 42 | 5.49 | 6.9 | Ma | .. | 5,10 | 56,143 |
| 88 | 11804 | 45.1 | −51 3 | 9.3 | 9.2 | F8 | 4 | .. | 39661b |
| 89 | 9352 | 45.1 | −53 39 | 8.4 | 9.2 | Fo | 4 | .. | 39661b |
| 90 | 3213 | 45.2 | +33 13 | 8.2 | *8.8* | Go | 2 | .. | 37845i |
| 91 | 3583 | 45.2 | +15 49 | 6.54 | *6.37* | B3 | 8 | .. | 37202i |
| 92 | 3883 | 45.2 | + 9 41 | 9.1 | *9.1* | Ao | 2 | .. | 40333b |
| 93 | 3569 | 45.2 | − 0 2 | 8.63 | *9.81* | K5 | 3 | .. | 38111b |
| 94 | 4777 | 45.2 | − 5 30 | 8.9 | *9.4* | F8 | 3 | .. | 38111b |
| 95 | 4739 | 45.2 | − 7 57 | 8.5 | *8.5* | B9 | 9 | .. | 17034b |
| 96 | *4854* | 45.2 | − 8 59 | 9.4 | *9.4* | B9 | 3 | .. | 17034b |
| 97 | 5205 | 45.2 | −14 2 | 9.7 | *9.8* | A2 | 1 | .. | 38080b |
| 98 | 5117 | 45.2 | −15 22 | 9.4 | *9.5* | A3 | 5 | .. | 38080b |
| 99 | 5343 | 45.2 | −17 37 | 10.3 | *10.3* | Ao | 1 | .. | 38063b |
| 100 | 5342 | 45.2 | −17 55 | 8.5 | *8.5* | B9 | 7 | .. | 38063b |



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1922AnHar..97....1C



## 174400 — $18^h\,45^m.2$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 5102 | 45.2 | −18 18 | 10.1 | *10.9* | G5 | 3 | .. | 38063b |
| 2 | 5287 | 45.2 | −20 16 | 9.7 | 10.0 | Ko | 2 | 5,2 | 23765b |
| 3 | 5288 | 45.2 | −20 25 | 8.5 | 7.1 | B9 | 3 | 0,8 | 10085b |
| 4 | 13486 | 45.2 | −25 18 | 9.7 | 10.5 | Ko | 2 | .. | 38105b |
| 5 | 13284 | 45.2 | −27 16 | 7.36 | 8.5 | Ko | 6 | .. | 40632b |
| 6 | 13169 | 45.2 | −34 7 | 8.3 | 9.2 | Ko | 5 | .. | 39273b |
| 7 | 13180 | 45.2 | −41 49 | 6.52 | 7.9 | K2 | 9 | .. | 38141b |
| 8 | 12188 | 45.2 | −50 38 | 9.7 | 9.8 | A3 | 4 | .. | 39661b |
| 9 | 11272 | 45.2 | −52 42 | 7.8 | 7.6 | F5 | 7 | .. | 39661b |
| 10 | 9137 | 45.2 | −54 23 | *9.3* | 9.6 | Fo | 6 | .. | 39661b |
| 11 | 9136 | 45.2 | −54 33 | *9.6* | 9.6 | Ao | 6 | .. | 39661b |
| 12 | 7518 | 45.2 | −58 47 | 8.7 | 9.3 | A2 | 1 | .. | 40463b |
| 13 | 2115 | 45.3 | +55 41 | 7.9 | *7.9* | Ao | 5 | .. | 38518i |
| 14 | 3122 | 45.3 | +27 36 | 7.00 | *8.00* | Ko | 5 | .. | 37848i |
| 15 | 3678 | 45.3 | +10 30 | 8.15 | *8.15* | Ao | 3 | .. | 38537i |
| 16 | 3859 | 45.3 | + 7 54 | 10.4 | *10.4* | Ao | 1 | .. | 40333b |
| 17 | 4758 | 45.3 | − 2 33 | 9.4 | *10.4* | Ko | 2 | .. | 38111b |
| 18 | 4778 | 45.3 | − 5 4 | 8.60 | *8.68* | A3 | 7 | .. | 38111b |
| 19 | 4779 | 45.3 | − 5 53 | 10.6 | *10.6* | Ao | 2 | .. | 38111b |
| 20 | 4729 | 45.3 | − 8 6 | 9.1 | *9.9* | G5 | 3 | .. | 17034b |
| 21 | 5104 | 45.3 | −18 7 | 10.3 | *10.3* | Ao | 3 | .. | 38063b |
| 22 | 5105 | 45.3 | −18 56 | 9.4 | *10.4* | Ko | 2 | .. | 38063b |
| 23 | 5195 | 45.3 | −19 44 | 8.6 | 8.8 | Ko | 6 | .. | 23765b |
| 24 | 4886 | 45.3 | −22 8 | 8.5 | 9.1 | Ko | 4 | .. | 38105b |
| 25 | 13170 | 45.3 | −34 21 | 9.9 | 10.1 | A2 | 2 | .. | 39273b |
| 26 | 13076 | 45.3 | −36 32 | 9.0 | 9.3 | A2 | 4 | .. | 40737b |
| 27 | 12917 | 45.3 | −37 16 | 9.3 | 9.5 | F8 | 3 | .. | 40737b |
| 28 | 13181 | 45.3 | −41 2 | 10.3 | 7.5 | A2 | 8 | .. | 38141b |
| 29 | 12190 | 45.3 | −50 17 | 7.9 | 8.0 | G5 | 6 | .. | 39661b |
| 30 | 11273 | 45.3 | −52 3 | 6.48 | 6.9 | B8 | .. | .. | **56**,143 |
| 31 | 8892 | 45.3 | −55 49 | 8.6 | 9.3 | F5 | 3 | .. | 40463b |
| 32 | 2137 | 45.4 | +53 18 | 8.5 | *8.6* | A2 | 1 | .. | 37884i |
| 33 | 3326 | 45.4 | +34 25 | 8.4 | *8.8* | F5 | 4 | .. | 37845i |
| 34 | 3371 | 45.4 | +31 28 | 8.6 | *8.6* | Ao | 3 | .. | 37845i |
| 35 | 3469 | 45.4 | +23 47 | 8.6 | *9.1* | F8 | 2 | .. | 37848i |
| 36 | 3494 | 45.4 | +22 51 | 8.2 | *8.3* | A3 | 4 | .. | 37848i |
| 37 | 3860 | 45.4 | + 7 48 | 10.0 | *10.0* | Ao | 1 | .. | 40333b |
| 38 | 3693 | 45.4 | + 2 50 | 8.5 | *8.9* | F5 | 4 | .. | 13424b |
| 39 | 5123 | 45.4 | −13 33 | 8.7 | *9.8* | K2 | 3 | .. | 38080b |
| 40 | 5206 | 45.4 | −14 28 | 10.3 | *10.3* | B9 | 1 | .. | 38080b |
| 41 | 5120 | 45.4 | −15 43 | 9.7 | *9.7* | Ao | 2 | .. | 38080b |
| 42 | 5344 | 45.4 | −17 49 | 8.5 | *8.5* | B8 | 6 | .. | 38063b |
| 43 | 5106 | 45.4 | −18 23 | 8.8 | *8.8* | Ao | 7 | .. | 38063b |
| 44 | 4887 | 45.4 | −22 27 | 8.7 | 8.8 | Ao | 6 | .. | 38105b |
| 45 | 14767 | 45.4 | −24 28 | 8.1 | 9.0 | G5 | 5 | .. | 38105b |
| 46 | 15432 | 45.4 | −29 26 | 9.7 | 9.3 | F8 | 3 | .. | 40632b |
| 47 | 16066 | 45.4 | −31 23 | 7.61 | 8.4 | G5 | 5 | .. | 40632b |
| 48 | 14592 | 45.4 | −32 25 | 10.1 | 9.9 | A5 | 1 | .. | 39273b |
| 49 | 12919 | 45.4 | −37 6 | 9.3 | 9.0 | A2 | 3 | .. | 40737b |
| 50 | 13182 | 45.4 | −41 18 | 8.9 | 9.4 | A2 | 3 | .. | 38141b |
| 51 | 12935 | 45.4 | −44 26 | 9.5 | 10.2 | Ko | 1 | .. | 38141b |
| 52 | 12385 | 45.4 | −49 46 | 8.9 | 9.2 | Ko | 2 | .. | 39665b |
| 53 | 7189 | 45.4 | −60 44 | 8.0 | 9.3 | K5 | 3 | .. | 40463b |
| 54 | 3965 | 45.4 | −64 26 | *8.2* | 9.3 | K2 | 4 | .. | 42464b |
| 55 | 1922 | 45.5 | +59 12 | 8.1 | *8.6* | F8 | 4 | .. | 38518i |
| 56 | 3126 | 45.5 | +27 36 | 8.7 | *9.1* | F5 | 2 | .. | 38456i |
| 57 | 3584 | 45.5 | +15 11 | 7.54 | *8.04* | F8 | 4 | .. | 37202i |
| 58 | 3681 | 45.5 | +10 28 | 9.7 | *9.7* | Ao | 2 | .. | 40333b |
| 59 | 3885 | 45.5 | + 9 24 | 8.3 | *8.4* | A3 | 2 | .. | 38537i |
| 60 | *3861* | 45.5 | + 8 1 | 9.1 | *10.1* | Ko | 2 | .. | 40333b |
| 61 | 3570 | 45.5 | − 0 28 | 8.5 | *9.7* | K5 | 4 | .. | 38111b |
| 62 | 3574 | 45.5 | − 1 56 | 9.4 | *9.9* | F8 | 3 | .. | 38111b |
| 63 | 4731 | 45.5 | − 8 11 | 9.9 | *11.0* | K2 | 1 | .. | 17034b |
| 64 | 4859 | 45.5 | − 9 53 | 5.89 | *6.17* | Fo | .. | .. | **56**,143 |
| 65 | 4775 | 45.5 | −11 41 | 9.7 | *10.2* | F8 | 2 | .. | 38080b |
| 66 | 5048 | 45.5 | −16 16 | 8.1 | *8.7* | Go | 6 | .. | 38080b |
| 67 | 5347 | 45.5 | −17 16 | 6.79 | *6.85* | A2 | 4 | .. | 10085b |
| 68 | 5345 | 45.5 | −17 30 | 9.4 | *9.4* | B8 | 4 | .. | 38063b |
| 69 | 5197 | 45.5 | −19 6 | 11.0 | 10.0 | B9 | 2 | .. | 38063b |
| 70 | 5160 | 45.5 | −21 34 | 9.9 | 10.3 | Go | 3 | .. | 38105b |
| 71 | 5159 | 45.5 | −21 50 | 10.1 | 9.7 | Ao | 3 | .. | 38105b |
| 72 | 13155 | 45.5 | −38 3 | 7.5 | 9.1 | K2 | 4 | .. | 40737b |
| 73 | 12814 | 45.5 | −45 41 | 9.1 | 9.4 | Ko | 5 | .. | 38141b |
| 74 | 12769 | 45.5 | −48 28 | 6.50 | 6.7 | Ao | 6 | 1,8 | 39665b |
| 75 | 12387 | 45.5 | −49 28 | 8.6 | 8.0 | A2 | 7 | .. | 39661b |
| 76 | 11274 | 45.5 | −52 22 | 7.7 | 7.4 | Fo | 8 | .. | 39661b |
| 77 | 9354 | 45.5 | −53 55 | 8.3 | 9.2 | G5 | 4 | .. | 39661b |
| 78 | 7397 | 45.5 | −59 12 | 8.4 | 9.0 | F5 | 5 | .. | 40463b |
| 79 | 2359 | 45.5 | −71 25 | *8.2* | 9.4 | K5 | 3 | .. | 41442b |
| 80 | 1195 | 45.5 | −78 45 | *8.2* | 9.2 | Ko | 4 | .. | 42793b |
| 81 | 2770 | 45.6 | +48 39 | 6.02 | *6.10* | A3 | 8 | .. | 37884i |
| 82 | 3539 | 45.6 | +39 57 | 8.57 | *8.85* | F | 1 | .. | 38500i |
| 83 | *3214* | 45.6 | +34 1 | 9.1 | *9.7* | Go | 1 | .. | 37845i |
| 84 | 3223 | 45.6 | +32 33 | 9.3 | *9.9* | G | 1 | .. | 37845i |
| 85 | 3630 | 45.6 | +11 24 | 7.06 | *7.06* | Ao | 4 | 2,5 | 37202i |
| 86 | 3888 | 45.6 | + 9 43 | 9.1 | *9.1* | Ao | 3 | .. | 40333b |
| 87 | 3862 | 45.6 | + 7 21 | 7.06 | *8.24* | K5 | 3 | .. | 38537i |
| 88 | 3953 | 45.6 | + 6 7 | 8.1 | *9.2* | K2 | 3 | .. | 39461b |
| 89 | 4828 | 45.6 | −10 21 | 8.8 | *9.1* | Fo | 5 | .. | 38080b |
| 90 | 5198 | 45.6 | −19 45 | 8.6 | 8.8 | F5 | 6 | .. | 23765b |
| 91 | R | 45.6 | −20 11 | *10.3* | 10.3 | Ao | 2 | .. | 23765b |
| 92 | 5291 | 45.6 | −20 33 | 9.9 | 9.7 | Ao | 3 | 2,3 | 38105b |
| 93 | *4889* | 45.6 | −21 57 | 10.1 | 9.8 | Go | 2 | .. | 38105b |
| 94 | 15089 | 45.6 | −28 19 | 8.3 | 9.0 | G5 | 5 | .. | 40632b |
| 95 | 15090 | 45.6 | −28 26 | 8.9 | 10.8 | G5 | 1 | .. | 40632b |
| 96 | 14595 | 45.6 | −32 0 | 8.3 | 10.2 | K5 | 2 | .. | 39273b |
| 97 | 12981 | 45.6 | −35 15 | 8.6 | 9.5 | K5 | 2 | .. | 40737b |
| 98 | 12982 | 45.6 | −35 44 | 7.9 | 8.3 | F2 | 7 | .. | 40737b |
| 99 | 12913 | 45.6 | −43 8 | 10.1 | 10.7 | A2 | 2 | .. | 38141b |
| 100 | 12676 | 45.6 | −46 42 | 6.34 | 6.9 | A2 | .. | .. | **56**,143 |



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1922AnHar..97....1C



## 174500 — $18^h\,45^m.6$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 12389 | 45.6 | −49 32 | 9.7 | 8.6 | A3 | 5 | .. | 39661b |
| 2 | *11275* | 45.6 | −51 59 | 9.2 | 10.1 | Ko | 1 | .. | 39661b |
| 3 | 9140 | 45.6 | −54 37 | *10.3* | 10.4 | A2 | 2 | .. | 39661b |
| 4 | 2777 | 45.7 | +45 9 | 6.84 | *7.12* | Fo | 8 | .. | 37348i |
| 5 | 3084 | 45.7 | +43 5 | 8.0 | *8.4* | F5 | 5 | .. | 37348i |
| 6 | 3093 | 45.7 | +28 6 | 8.5 | *8.6* | A2 | 4 | .. | 38456i |
| 7 | 3676 | 45.7 | +12 21 | 8.5 | *8.6* | A2 | 1 | .. | 38537i |
| 8 | 3864 | 45.7 | + 8 43 | 8.9 | *9.3* | F5 | 3 | .. | 39461b |
| 9 | 3571 | 45.7 | − 0 40 | 9.0 | *9.0* | B8 | 5 | .. | 38111b |
| 10 | 4782 | 45.7 | − 5 47 | 10.1 | *10.9* | G5 | 1 | .. | 38111b |
| 11 | 4781 | 45.7 | − 5 51 | 10.1 | *10.7* | Go | 1 | .. | 38111b |
| 12 | 4929 | 45.7 | − 6 23 | 7.97 | *7.92* | B8 | 5 | R | 17034b |
| 13 | 4740 | 45.7 | − 7 54 | 8.9 | *8.7* | B2 | 5 | .. | 17034b |
| 14 | 4732 | 45.7 | − 8 3 | 8.3 | *9.3* | Ko | 4 | .. | 17034b |
| 15 | 4733 | 45.7 | − 8 7 | 7.37 | *8.37* | Ko | 6 | .. | 17034b |
| 16 | 5209 | 45.7 | −14 8 | 9.7 | *10.3* | Go | 3 | .. | 38080b |
| 17 | 5210 | 45.7 | −14 48 | 7.96 | *7.94* | B9 | 7 | .. | 38080b |
| 18 | 5161 | 45.7 | −21 1 | 9.4 | 9.1 | B9 | 3 | .. | 38105b |
| 19 | *4890* | 45.7 | −21 59 | 9.4 | 8.8 | Ao | 5 | .. | 38105b |
| 20 | 14773 | 45.7 | −24 20 | 8.3 | 10.2 | K5 | 3 | .. | 38105b |
| 21 | 14772 | 45.7 | −24 46 | 8.20 | 9.0 | Ko | 5 | .. | 38105b |
| 22 | 13491 | 45.7 | −25 29 | 10.4 | 10.5 | Ao | 2 | .. | 38105b |
| 23 | 13555 | 45.7 | −26 50 | 10.2 | 9.7 | Ao | 3 | .. | 40632b |
| 24 | 13296 | 45.7 | −27 16 | 10.2 | 9.3 | B5 | 2 | .. | 40632b |
| 25 | 13158 | 45.7 | −38 43 | 8.0 | 8.8 | G5 | 5 | .. | 40737b |
| 26 | 12680 | 45.7 | −46 0 | 10.3 | 10.2 | Ao | 2 | .. | 38141b |
| 27 | 12390 | 45.7 | −49 34 | 10.1 | 9.5 | F5 | 2 | .. | 39661b |
| 28 | 9009 | 45.7 | −56 14 | *9.3* | 10.4 | K2 | 1 | .. | 39661b |
| 29 | 1293 | 45.8 | +65 53 | 8.7 | *8.7* | Ao | 5 | .. | 37907i |
| 30 | 3215 | 45.8 | +33 35 | 6.89 | *6.89* | Ao | 7 | .. | 37845i |
| 31 | *3776* | 45.8 | +14 1 | 8.6 | *8.6* | A | 1 | .. | 37202i |
| 32 | 4390 | 45.8 | − 3 22 | 6.89 | *6.95* | A2 | 10 | .. | 38111b |
| 33 | 4830 | 45.8 | −10 26 | 10.6 | *10.6* | B9 | 1 | .. | 38080b |
| 34 | 5124 | 45.8 | −13 12 | 10.1 | *10.2* | A3 | 1 | .. | 38080b |
| 35 | 5211 | 45.8 | −14 2 | 9.4 | *10.5* | K2 | 3 | .. | 38080b |
| 36 | 5350 | 45.8 | −17 25 | 8.6 | *8.9* | F2 | 4 | R | 38063b |
| 37 | | 45.8 | −17 25 | | | A2 | | | |
| 38 | 5294 | 45.8 | −20 19 | 10.3 | 10.3 | A2 | 2 | .. | 23765b |
| 39 | 5162 | 45.8 | −21 48 | 9.7 | 9.8 | F2 | 3 | .. | 38105b |
| 40 | 16346 | 45.8 | −30 54 | 8.3 | 9.6 | G5 | 2 | .. | 40632b |
| 41 | 13083 | 45.8 | −36 42 | 7.9 | 9.0 | Go | 5 | .. | 40737b |
| 42 | 12819 | 45.8 | −45 20 | 10.6 | 10.2 | A3 | 2 | .. | 38141b |
| 43 | 12679 | 45.8 | −46 53 | 9.2 | 8.8 | Ao | 3 | .. | 38141b |
| 44 | *12598* | 45.8 | −46 58 | 10.6 | 11.8 | Mb | .. | .. | M |
| 45 | 8896 | 45.8 | −55 1 | 8.66 | 9.5 | K2 | 3 | .. | 40463b |
| 46 | 1461 | 45.9 | +63 9 | 7.28 | *8.28* | Ko | 3 | .. | 37907i |
| 47 | 3329 | 45.9 | +34 8 | 8.4 | *8.4* | Ao | 3 | .. | 37845i |
| 48 | 3312 | 45.9 | +30 35 | 9.0 | *9.1* | A2 | 2 | .. | 37845i |
| 49 | 3368 | 45.9 | +26 19 | 6.92 | *6.98* | A2 | 6 | .. | 37848i |
| 50 | 3891 | 45.9 | + 9 49 | 8.5 | *8.5* | Ao | 2 | .. | 38537i |
| 51 | 4033 | 45.9 | + 0 8 | 8.63 | *8.63* | Ao | 3 | .. | 13424b |
| 52 | 3572 | 45.9 | − 0 11 | 9.1 | *10.1* | Ko | 3 | .. | 38111b |
| 53 | 4932 | 45.9 | − 6 28 | 9.9 | *10.4* | F8 | 4 | .. | 17034b |
| 54 | 4862 | 45.9 | − 9 9 | 9.1 | *9.2* | A2 | 5 | .. | 17034b |
| 55 | 4832 | 45.9 | −10 35 | 9.7 | *10.5* | G5 | 1 | .. | 38080b |
| 56 | 5126 | 45.9 | −13 2 | 9.4 | *9.4* | B8 | 3 | .. | 38080b |
| 57 | 5124 | 45.9 | −15 47 | 10.1 | *10.1* | B8 | 1 | .. | 38080b |
| 58 | 5050 | 45.9 | −16 15 | 10.6 | *10.6* | Ao | 2 | .. | 38080b |
| 59 | *5164* | 45.9 | −20 59 | 9.1 | 8.8 | F8 | 3 | .. | 38105b |
| 60 | 5163 | 45.9 | −21 39 | 9.4 | 10.3 | G5 | 2 | .. | 38105b |
| 61 | 14772 | 45.9 | −23 28 | 10.2 | 10.3 | A5 | 2 | .. | 38105b |
| 62 | 13188 | 45.9 | −41 20 | 8.6 | 8.5 | F2 | 4 | .. | 38141b |
| 63 | 9356 | 45.9 | −53 36 | *9.9* | 10.9 | Ko | 1 | .. | 39661b |
| 64 | 9142 | 45.9 | −54 28 | 9.1 | 9.8 | K2 | 3 | .. | 39661b |
| 65 | 985 | 45.9 | −79 20 | *7.3* | 7.7 | F5 | 5 | .. | 14161b |
| 66 | 3496 | 46.0 | +40 27 | 8.4 | *8.5* | A3 | 2 | .. | 38500i |
| 67 | 3373 | 46.0 | +31 31 | 6.50 | *6.48* | B9 | 8 | .. | 37845i |
| 68 | 3095 | 46.0 | +28 22 | 9.1 | *9.2* | A2 | 3 | .. | 38456i |
| 69 | 3685 | 46.0 | +10 52 | 6.63 | *7.70* | K2 | 5 | 0,4 | 38537i |
| 70 | 3683 | 46.0 | +10 32 | 9.1 | *10.3* | K5 | 1 | .. | 40333b |
| 71 | 3866 | 46.0 | + 8 35 | 8.4 | *8.2* | B2 | 3 | .. | 39461b |
| 72 | 3695 | 46.0 | + 2 26 | 9.1 | *9.2* | A3 | 1 | .. | 13424b |
| 73 | 3577 | 46.0 | − 1 22 | 10.0 | *10.1* | A2 | 3 | .. | 38111b |
| 74 | *4735* | 46.0 | − 7 57 | 10.3 | *10.3* | B9 | 4 | .. | 17034b |
| 75 | 4833 | 46.0 | −10 11 | 10.3 | *10.3* | B8 | 1 | .. | 38080b |
| 76 | 5125 | 46.0 | −15 18 | 9.7 | *9.7* | Ao | 3 | .. | 38080b |
| 77 | 5165 | 46.0 | −21 49 | 10.3 | 9.7 | Fo | 3 | .. | 38105b |
| 78 | 13495 | 46.0 | −25 28 | 9.7 | 10.5 | G5 | 2 | .. | 38105b |
| 79 | 16350 | 46.0 | −30 4 | 9.0 | 9.3 | Ao | 2 | .. | 40632b |
| 80 | 16071 | 46.0 | −31 6 | 8.41 | 8.7 | A2 | 5 | .. | 40632b |
| 81 | 12941 | 46.0 | −44 53 | 10.1 | 9.9 | Ao | 2 | .. | 38141b |
| 82 | 11808 | 46.0 | −51 18 | 9.7 | 9.2 | F2 | 4 | .. | 39661b |
| 83 | 3602 | 46.0 | −67 47 | *8.1* | 9.1 | Ko | 3 | .. | 41442b |
| 84 | 1448 | 46.0 | −75 31 | 6.69 | 8.8 | K2 | 8 | .. | 19008b |
| 85 | 3227 | 46.1 | +32 42 | 5.77 | *5.58* | B2 | .. | 1,9 | 6914c |
| 86 | 3361 | 46.1 | +29 42 | 7.46 | *7.41* | B8 | 4 | .. | 37845i |
| 87 | 3867 | 46.1 | + 8 27 | 8.9 | *8.9* | Ao | 3 | .. | 39461b |
| 88 | 3574 | 46.1 | − 0 43 | 8.9 | *8.9* | Ao | 4 | .. | 38111b |
| 89 | 4392 | 46.1 | − 3 26 | 6.04 | *6.12* | A3 | 7 | .. | 44008b |
| 90 | 4742 | 46.1 | − 7 32 | 10.6 | *11.6* | Ko | 1 | .. | 17034b |
| 91 | 5051 | 46.1 | −16 38 | 8.5 | *9.3* | G5 | 3 | .. | 38080b |
| 92 | 5352 | 46.1 | −17 17 | 9.7 | *10.5* | G5 | 2 | .. | 38080b |
| 93 | 5110 | 46.1 | −18 34 | 9.4 | *9.4* | Ao | 5 | .. | 38063b |
| 94 | 5295 | 46.1 | −20 30 | 8.3 | 8.2 | Ao | 7 | .. | 38105b |
| 95 | 5297 | 46.1 | −20 43 | 9.2 | 8.8 | Ao | 5 | .. | 38105b |
| 96 | 4892 | 46.1 | −22 2 | 6.66 | 6.2 | A2 | .. | 0,6 | 56,143 |
| 97 | 4891 | 46.1 | −22 33 | 10.7 | 10.6 | G5 | 1 | .. | 38105b |
| 98 | 16075 | 46.1 | −31 51 | 9.3 | 9.3 | B9 | 3 | .. | 39273b |
| 99 | 13190 | 46.1 | −41 8 | 10.1 | 9.7 | A2 | 2 | .. | 38141b |
| 100 | 2779 | 46.2 | +45 11 | 8.62 | *9.62* | Ko | 2 | .. | 37348i |



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1922AnHar..97....1C



## 174600 — $18^h\ 46^m.2$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3312 | 46.2 | +38 19 | 7.78 | *7.78* | Ao | 3 | .. | 37845i |
| 2 | 3228 | 46.2 | +32 26 | 5.16 | *5.22* | A2 | .. | 2, R | 6914c |
| 3 | 3687 | 46.2 | +10 47 | 9.1 | *10.5* | Ma | 1 | .. | 40333b |
| 4 | *3869* | 46.2 | + 9 3 | 8.7 | *9.2* | F8 | 3 | .. | 39461b |
| 5 | 3812 | 46.2 | + 3 49 | 9.1 | *9.1* | Ao | 4 | .. | 40333b |
| 6 | 4035 | 46.2 | + 0 43 | 7.8 | *8.1* | F2 | 5 | .. | 13424b |
| 7 | 4863 | 46.2 | − 9 52 | 9.16 | *10.51* | Ma | 1 | .. | 38080b |
| 8 | 4783 | 46.2 | −11 16 | 9.7 | *10.3* | Go | 2 | .. | 38080b |
| 9 | *5353* | 46.2 | −16 59 | 8.9 | *8.9* | B9 | 5 | .. | 38080b |
| 10 | 5299 | 46.2 | −20 11 | 9.1 | 8.8 | Ao | 6 | .. | 23765b |
| 11 | 4893 | 46.2 | −22 19 | 10.3 | 9.7 | G5 | 2 | .. | 38105b |
| 12 | 14778 | 46.2 | −24 7 | 9.5 | 9.3 | B9 | 3 | .. | 38105b |
| 13 | 13498 | 46.2 | −25 6 | 10.15 | 10.4 | Fo | 3 | .. | 38105b |
| 14 | 13306 | 46.2 | −27 32 | 10.7 | 9.6 | Ao | 2 | .. | 40632b |
| 15 | 12991 | 46.2 | −35 9 | 8.33 | 8.3 | A5 | 6 | .. | 40737b |
| 16 | 11809 | 46.2 | −51 38 | 9.9 | 9.8 | Go | 3 | .. | 39661b |
| 17 | 1198 | 46.2 | −78 30 | *8.5* | 9.1 | Go | 4 | .. | 42793b |
| 18 | 680 | 46.3 | +75 46 | 9.02 | *9.80* | G5 | 2 | .. | 38044i |
| 19 | 1019 | 46.3 | +68 38 | 7.9 | *7.9* | Ao | 6 | .. | 37907i |
| 20 | 1905 | 46.3 | +57 25 | 8.1 | *9.3* | K5 | 4 | .. | 38518i |
| 21 | 3085 | 46.3 | +43 37 | 6.79 | *7.57* | G5 | 7 | . | 37348i |
| 22 | 3281 | 46.3 | +36 34 | 8.0 | *8.6* | Go | 2 | .. | 37845i |
| 23 | 3477 | 46.3 | +23 59 | 7.06 | *8.24* | K5 | 4 | .. | 37848i |
| 24 | 3813 | 46.3 | + 3 42 | 9.2 | *10.4* | K5 | 1 | .. | 40333b |
| 25 | 4761 | 46.3 | − 2 49 | 9.2 | *9.6* | F5 | 3 | .. | 38111b |
| 26 | 4393 | 46.3 | − 3 35 | 9.9 | *10.7* | G5 | 1 | .. | 38111b |
| 27 | 4786 | 46.3 | − 5 27 | 8.7 | *8.7* | Ao | 7 | .. | 38111b |
| 28 | 4736 | 46.3 | − 8 31 | 9.4 | *9.4* | B9 | 6 | .. | 17034b |
| 29 | 5128 | 46.3 | −13 51 | 9.9 | *9.9* | Ao | 1 | .. | 38080b |
| 30 | 13562 | 46.3 | −26 46 | 6.32 | 7.7 | G5 | 9 | .. | 40632b |
| 31 | 15449 | 46.3 | −29 29 | 6.29 | 7.8 | Ko | 8 | .. | 40632b |
| 32 | 16356 | 46.3 | −30 51 | 6.63 | 6.5 | B8 | .. | 0,9 | **56**,143 |
| 33 | 13185 | 46.3 | −34 40 | 8.03 | 9.3 | K2 | 4 | .. | 40737b |
| 34 | 12931 | 46.3 | −37 9 | 9.3 | 9.5 | Fo | 2 | .. | 40737b |
| 35 | 13193 | 46.3 | −41 3 | 10.6 | 10.6 | G5 | 1 | .. | 38141b |
| 36 | 9145 | 46.3 | −54 28 | *10.3* | 10.4 | A2 | 1 | .. | 39661b |
| 37 | 2702 | 46.4 | +47 24 | 7.75 | *9.10* | Mb | 3 | .. | 37348i |
| 38 | 3223 | 46.4 | +33 15 | var. | var. | B8p | .. | R | 13399c |
| 39 | | 46.4 | +33 15 | | | B2p | | | |
| 40 | 3682 | 46.4 | +12 3 | 8.6 | *8.7* | A2 | 2 | .. | 38537i |
| 41 | *3865* | 46.4 | + 8 3 | 10.0 | *10.1* | A2 | 1 | .. | 40333b |
| 42 | *3815* | 46.4 | + 4 3 | 9.2 | *9.6* | F5 | 1 | .. | 40333b |
| 43 | 3816 | 46.4 | + 3 43 | 9.1 | *9.1* | B9 | 3 | .. | 40333b |
| 44 | 3796 | 46.4 | + 1 17 | 8.6 | *9.0* | F5 | 3 | .. | 13424b |
| 45 | 3575 | 46.4 | − 0 42 | 9.4 | *9.5* | A2 | 3 | .. | 38111b |
| 46 | 3581 | 46.4 | − 1 10 | 8.1 | *8.1* | B9 | 8 | .. | 38111b |
| 47 | 3580 | 46.4 | − 1 40 | 8.9 | *9.5* | Go | 5 | .. | 38111b |
| 48 | 3582 | 46.4 | − 1 53 | 8.75 | *8.73* | B9 | 7 | .. | 38111b |
| 49 | 4762 | 46.4 | − 2 6 | 9.4 | *9.8* | F5 | 4 | .. | 38111b |
| 50 | 4743 | 46.4 | − 7 49 | 9.7 | *9.7* | B8 | 4 | .. | 17034b |
| 51 | 5302 | 46.4 | −20 19 | 8.7 | 8.8 | Ao | 8 | .. | 23765b |
| 52 | 5301 | 46.4 | −20 26 | 8.9 | 8.8 | B9 | 6 | .. | 23765b |
| 53 | 4894 | 46.4 | −22 31 | 11.0 | 10.3 | F | 1 | .. | 38105b |
| 54 | 15103 | 46.4 | −28 50 | 8.5 | 9.3 | F2 | 5 | .. | 40632b |
| 55 | 14610 | 46.4 | −32 23 | 9.9 | 9.7 | K2 | 1 | .. | 39273b |
| 56 | 13091 | 46.4 | −36 17 | 9.3 | 10.2 | G5 | 2 | .. | 40737b |
| 57 | 13165 | 46.4 | −38 18 | 10.8 | 10.3 | A2 | 2 | .. | 40737b |
| 58 | 13196 | 46.4 | −41 19 | 10.3 | 10.5 | Go | 1 | .. | 38141b |
| 59 | 12828 | 46.4 | −45 5 | 9.5 | 10.2 | Go | 3 | .. | 38141b |
| 60 | 12201 | 46.4 | −50 5 | 10.1 | 10.1 | K2 | 1 | .. | 39661b |
| 61 | 11812 | 46.4 | −51 45 | 9.9 | 9.8 | F5 | 2 | .. | 39661b |
| 62 | 9364 | 46.4 | −53 40 | 8.6 | 9.2 | F8 | 4 | .. | 39661b |
| 63 | 5994 | 46.4 | −62 14 | *9.6* | 9.6 | Ao | 3 | .. | 42464b |
| 64 | 3224 | 46.5 | +33 14 | 7.78 | *7.78* | B3 | 2 | R | 37845i |
| 65 | 3317 | 46.5 | +30 15 | 8.8 | *8.9* | A2 | 2 | .. | 37845i |
| 66 | 3867 | 46.5 | + 7 58 | 8.7 | *9.9* | K5 | 3 | .. | 40333b |
| 67 | 4787 | 46.5 | − 5 12 | 8.7 | *9.3* | Go | 5 | .. | 38111b |
| 68 | .. | 46.5 | − 7 58 | .. | .. | Ao | 2 | .. | 17034b |
| 69 | 5168 | 46.5 | −21 33 | 10.1 | 10.6 | G5 | 2 | .. | 38105b |
| 70 | 4896 | 46.5 | −22 41 | 10.6 | 10.6 | K | 1 | .. | 38105b |
| 71 | 14611 | 46.5 | −32 39 | 9.9 | 10.4 | K2 | 1 | .. | 39273b |
| 72 | 14614 | 46.5 | −32 49 | 9.3 | 9.9 | Ao | 2 | .. | 39273b |
| 73 | 13668 | 46.5 | −33 19 | 9.3 | 9.3 | A5 | 4 | .. | 39273b |
| 74 | 12892 | 46.5 | −40 40 | 9.3 | 9.4 | A3 | 4 | .. | 38141b |
| 75 | 12395 | 46.5 | −49 47 | 8.04 | 8.3 | Ko | 4 | .. | 39665b |
| 76 | 3170 | 46.6 | +42 58 | 8.7 | *10.1* | Ma | .. | .. | M |
| 77 | 3497 | 46.6 | +40 37 | 7.7 | *8.8* | K2 | 1 | .. | 38500i |
| 78 | 3479 | 46.6 | +23 40 | 9.2 | *10.6* | Mb | .. | .. | M |
| 79 | *4601* | 46.6 | − 3 59 | 9.7 | *9.7* | B9 | 3 | .. | 38111b |
| 80 | 4744 | 46.6 | − 7 40 | 9.2 | *9.2* | B9 | 5 | .. | 17034b |
| 81 | 4737 | 46.6 | − 8 34 | 9.9 | *11.1* | K5 | 2 | .. | 17034b |
| 82 | 4866 | 46.6 | − 9 23 | 9.7 | *10.7* | Ko | 2 | .. | 17034b |
| 83 | 5129 | 46.6 | −15 33 | 9.4 | *10.0* | Go | 3 | .. | 38080b |
| 84 | 5306 | 46.6 | −20 6 | 8.18 | 8.5 | B8 | 8 | .. | 23765b |
| 85 | 5304 | 46.6 | −20 25 | 8.9 | 9.4 | B9 | 6 | .. | 23765b |
| 86 | 4897 | 46.6 | −22 25 | 8.1 | 8.2 | F5 | 6 | .. | 38105b |
| 87 | 16366 | 46.6 | −30 24 | 8.0 | 9.9 | K2 | 1 | .. | 40632b |
| 88 | 13092 | 46.6 | −36 32 | 9.3 | 10.2 | K2 | 1 | .. | 40737b |
| 89 | 12939 | 46.6 | −37 23 | 7.04 | 7.3 | Ao | 9 | .. | 40737b |
| 90 | 12967 | 46.6 | −39 27 | 8.3 | 10.0 | K2 | 2 | .. | 40737b |
| 91 | 12603 | 46.6 | −47 23 | 7.20 | 7.4 | F5 | .. | 0,8 | **56**,143 |
| 92 | 9149 | 46.6 | −54 49 | *9.2* | 10.2 | Ko | 3 | .. | 39661b |
| 93 | 8900 | 46.6 | −55 1 | *9.4* | 10.4 | Ko | 2 | .. | 39661b |
| 94 | 3603 | 46.6 | −67 21 | var. | var. | F5p | .. | R | **28**,213 |
| 95 | 3099 | 46.7 | +28 25 | 8.0 | *9.0* | Ko | 5 | .. | 37848i |
| 96 | 3480 | 46.7 | +23 18 | 8.0 | *9.0* | Ko | 2 | .. | 37848i |
| 97 | 3667 | 46.7 | +14 26 | 8.5 | *8.6* | A2 | 3 | .. | 37202i |
| 98 | 3895 | 46.7 | + 4 29 | 8.5 | *8.8* | Fo | 7 | .. | 40333b |
| 99 | 4788 | 46.7 | − 5 16 | 9.4 | *9.4* | Ao | 4 | .. | 38111b |
| 100 | 4747 | 46.7 | − 7 6 | 8.5 | *8.5* | Ao | 7 | .. | 17034b |



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## 174700 — 18h 46m.7

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m | ° ′ | | | | | | |
| 1 | 4746 | 46.7 | − 7 22 | 8.5 | *8.5* | B9 | 9 | .. | 17034b |
| 2 | 4745 | 46.7 | − 7 43 | 9.7 | *9.7* | B9 | 4 | .. | 17034b |
| 3 | 4739 | 46.7 | − 8 1 | 10.3 | *11.3* | K0 | 2 | .. | 17034b |
| 4 | 4868 | 46.7 | − 9 12 | 8.1 | *8.4* | F2 | 7 | .. | 17034b |
| 5 | 4786 | 46.7 | −11 45 | 7.9 | *7.7* | B3 | 5 | .. | 38080b |
| 6 | R | 46.7 | −20 18 | *9.9* | 10.0 | A2 | 2 | .. | 23765b |
| 7 | 5307 | 46.7 | −20 39 | 9.4 | 10.3 | K2 | 2 | .. | 38105b |
| 8 | 4898 | 46.7 | −22 31 | 8.9 | 9.7 | K5 | 3 | .. | 38105b |
| 9 | 15107 | 46.7 | −28 15 | 7.7 | 9.3 | K0 | 4 | .. | 40632b |
| 10 | 12898 | 46.7 | −40 31 | 8.3 | 9.7 | K5 | 3 | .. | 38141b |
| 11 | 12926 | 46.7 | −43 36 | 9.9 | 10.5 | F8 | 2 | .. | 38141b |
| 12 | 12927 | 46.7 | −43 44 | 9.5 | 11.2 | K5 | 1 | .. | 38141b |
| 13 | 12605 | 46.7 | −47 23 | 7.3 | 7.4 | A0 | .. | 0,8 | 56,143 |
| 14 | 3552 | 46.8 | +24 36 | 8.5 | *8.5* | B8 | 3 | .. | 37848i |
| 15 | 3698 | 46.8 | +10 12 | 9.7 | *9.7* | A0 | 3 | .. | 40333b |
| 16 | *3956* | 46.8 | + 7 2 | 8.3 | *8.3* | B9 | 4 | .. | 39461b |
| 17 | 3897 | 46.8 | + 4 56 | 8.85 | *9.27* | F5 | 4 | .. | 40333b |
| 18 | 3898 | 46.8 | + 4 35 | 9.4 | *10.5* | K2 | 2 | .. | 40333b |
| 19 | 3699 | 46.8 | + 2 55 | 7.7 | *8.5* | G5 | 8 | 0,3 | 13424b |
| 20 | 4939 | 46.8 | − 6 55 | 9.9 | *10.0* | A2 | 3 | .. | 17034b |
| 21 | 4839 | 46.8 | −10 17 | 10.6 | *10.6* | A0 | 2 | .. | 38080b |
| 22 | 5130 | 46.8 | −13 35 | 9.4 | *10.2* | G5 | 1 | .. | 38080b |
| 23 | 5308 | 46.8 | −20 21 | 8.7 | 8.8 | B8 | 8 | .. | 23765b |
| 24 | 5169 | 46.8 | −21 32 | 10.3 | 10.0 | F8 | 2 | .. | 38105b |
| 25 | 13505 | 46.8 | −25 0 | 9.75 | 10.2 | G0 | 2 | .. | 38105b |
| 26 | 13567 | 46.8 | −26 31 | 8.3 | 9.0 | K0 | 5 | .. | 40632b |
| 27 | 16088 | 46.8 | −31 25 | 9.2 | 9.9 | F8 | 3 | .. | 39273b |
| 28 | 13192 | 46.8 | −34 44 | 8.6 | 9.7 | K2 | 2 | .. | 40737b |
| 29 | 13201 | 46.8 | −41 48 | 9.3 | 10.5 | K5 | 1 | .. | 38141b |
| 30 | 12206 | 46.8 | −50 0 | 6.62 | 7.2 | A2 | 10 | 2,10 | 39661b |
| 31 | 3761 | 46.8 | −65 36 | *7.7* | 8.7 | K0 | 6 | .. | 41442b |
| 32 | 1096 | 46.9 | +67 41 | 7.00 | *7.00* | A0 | 8 | .. | 37907i |
| 33 | 3132 | 46.9 | +27 37 | 8.2 | *9.0* | G5 | 2 | .. | 38456i |
| 34 | 3699 | 46.9 | +10 12 | 8.89 | *8.89* | A0 | 2 | .. | 40333b |
| 35 | 3577 | 46.9 | − 0 32 | 10.4 | *10.5* | A2 | 1 | .. | 38111b |
| 36 | 4395 | 46.9 | − 3 39 | 9.4 | *10.5* | K2 | 1 | .. | 38111b |
| 37 | 4749 | 46.9 | − 7 17 | 10.1 | *10.6* | F8 | 3 | .. | 17034b |
| 38 | 4740 | 46.9 | − 8 54 | 9.1 | *10.1* | K0 | 4 | .. | 17034b |
| 39 | 5359 | 46.9 | −17 33 | 9.7 | *9.7* | A0 | 3 | .. | 38063b |
| 40 | 5309 | 46.9 | −20 2 | 10.1 | 9.7 | A0 | 3 | .. | 23765b |
| 41 | 4900 | 46.9 | −22 32 | 9.7 | 8.8 | B9 | 4 | .. | 38105b |
| 42 | 13319 | 46.9 | −27 52 | 7.43 | 7.9 | A5 | 8 | .. | 40632b |
| 43 | 12904 | 46.9 | −40 31 | 8.7 | 9.7 | K2 | 3 | .. | 38141b |
| 44 | 12209 | 46.9 | −50 15 | 9.0 | 9.2 | G0 | 4 | .. | 39661b |
| 45 | 9369 | 46.9 | −53 33 | 8.2 | 8.9 | G5 | 5 | .. | 39661b |
| 46 | 862 | 47.0 | +72 56 | 8.7 | *9.9* | K5 | 1 | .. | 38029i |
| 47 | 3895 | 47.0 | + 9 45 | 9.1 | *9.2* | A3 | 3 | 3,1 | 39461b |
| 48 | 3870 | 47.0 | + 7 44 | 9.7 | *10.3* | G0 | 2 | .. | 40333b |
| 49 | 3967 | 47.0 | + 5 24 | 10.0 | *11.1* | K2 | 1 | .. | 40333b |
| 50 | 3817 | 47.0 | + 3 41 | 9.2 | *9.8* | G0 | 2 | .. | 40333b |
| 51 | 3578 | 47.0 | − 0 21 | 8.0 | *8.1* | A3 | 5 | .. | 13424b |
| 52 | 3585 | 47.0 | − 1 5 | 9.7 | *9.7* | A0 | 3 | .. | 38111b |
| 53 | 4741 | 47.0 | − 8 27 | 9.4 | *9.7* | F2 | 5 | .. | 17034b |
| 54 | 5194 | 47.0 | −12 29 | 9.1 | *9.4* | F2 | 2 | .. | 38080b |
| 55 | 5202 | 47.0 | −19 14 | 8.5 | 8.2 | A0 | 8 | 0,2 | 23765b |
| 56 | 5310 | 47.0 | −20 38 | 9.2 | 9.1 | B9 | 4 | .. | 38105b |
| 57 | 4901 | 47.0 | −22 21 | 10.3 | 10.6 | K0 | 1 | R | 38105b |
| 58 | | | | | 10.6 | | | | |
| 59 | 15464 | 47.0 | −29 10 | 10.2 | 9.3 | F5 | 3 | .. | 40632b |
| 60 | 13177 | 47.0 | −38 5 | 8.9 | 10.9 | K5 | 1 | .. | 40737b |
| 61 | 12210 | 47.0 | −50 17 | 8.4 | 9.2 | G5 | 4 | .. | 39661b |
| 62 | 11815 | 47.0 | −51 24 | 10.1 | 9.8 | F8 | 2 | .. | 39661b |
| 63 | 11282 | 47.0 | −52 7 | *9.3* | 9.8 | F8 | 2 | .. | 39661b |
| 64 | 3367 | 47.1 | +29 36 | 8.4 | *9.5* | K2 | 1 | E | 38456i |
| 65 | 3640 | 47.1 | +16 28 | 8.7 | *8.7* | A0 | 2 | .. | 37202i |
| 66 | 3957 | 47.1 | + 6 28 | 8.7 | *8.8* | A5 | 3 | .. | 39461b |
| 67 | 3968 | 47.1 | + 5 27 | 9.1 | *9.4* | F2 | 4 | .. | 40333b |
| 68 | 3700 | 47.1 | + 2 25 | 8.7 | *9.7* | K0 | 2 | .. | 13424b |
| 69 | 4790 | 47.1 | − 5 29 | 9.9 | *10.7* | G5 | 2 | .. | 38111b |
| 70 | 4871 | 47.1 | − 9 3 | 9.4 | *9.5* | A3 | 3 | .. | 17034b |
| 71 | 4841 | 47.1 | −10 20 | 8.8 | *10.0* | K5 | 3 | .. | 38080b |
| 72 | 4790 | 47.1 | −11 0 | 10.3 | *10.8* | F8 | 1 | .. | 38080b |
| 73 | 5195 | 47.1 | −12 1 | 9.4 | *9.7* | F0 | 2 | .. | 38080b |
| 74 | 5114 | 47.1 | −18 23 | 8.1 | *9.3* | K5 | 5 | .. | 38063b |
| 75 | 5201 | 47.1 | −19 47 | 8.66 | 8.5 | B8 | 7 | .. | 23765b |
| 76 | 14794 | 47.1 | −23 29 | 8.5 | 9.7 | K2 | 3 | .. | 38105b |
| 77 | 13323 | 47.1 | −27 14 | 9.7 | 10.5 | G5 | 1 | .. | 40632b |
| 78 | 13101 | 47.1 | −36 24 | 6.90 | 7.3 | A3 | 9 | .. | 40737b |
| 79 | 12839 | 47.1 | −45 36 | 7.03 | 7.3 | A0 | 8 | .. | 41842b |
| 80 | 12783 | 47.1 | −48 55 | 9.7 | 10.3 | K2 | 1 | .. | 41441b |
| 81 | 12399 | 47.1 | −49 4 | 7.1 | 7.2 | A0 | 10 | .. | 39661b |
| 82 | 11284 | 47.1 | −52 43 | 8.6 | 9.8 | K2 | 2 | .. | 39661b |
| 83 | 11283 | 47.1 | −52 49 | 8.6 | 7.8 | B9 | 6 | .. | 39661b |
| 84 | 9156 | 47.1 | −54 16 | *10.3* | 10.4 | A5 | 1 | .. | 39661b |
| 85 | 7527 | 47.1 | −58 22 | 7.8 | 8.2 | F0 | 6 | .. | 40463b |
| 86 | 7403 | 47.1 | −59 36 | 8.3 | 8.7 | A0 | 6 | .. | 40463b |
| 87 | 3401 | 47.1 | −66 27 | *8.0* | 8.3 | F0 | 7 | .. | 41442b |
| 88 | 1130 | 47.2 | +66 40 | 8.8 | *9.6* | G5 | 2 | .. | 37907i |
| 89 | 2707 | 47.2 | +47 31 | 9.0 | *9.0* | A | 2 | .. | 37348i |
| 90 | 2780 | 47.2 | +45 22 | 9.1 | *10.1* | K | 1 | .. | 37348i |
| 91 | 3783 | 47.2 | +13 24 | 7.8 | *8.6* | G5 | 2 | .. | 37202i |
| 92 | 3703 | 47.2 | +10 39 | 8.3 | *8.3* | A0 | 3 | .. | 38537i |
| 93 | *3873* | 47.2 | + 9 1 | 8.6 | *8.6* | A0 | 1 | .. | 38537i |
| 94 | 3900 | 47.2 | + 4 24 | 8.3 | *8.6* | F2 | 5 | .. | 40333b |
| 95 | 3800 | 47.2 | + 1 46 | 9.1 | 9.2 | A3 | 2 | .. | 13424b |
| 96 | 4397 | 47.2 | − 3 51 | 7.28 | *8.46* | K5 | 6 | .. | 38111b |
| 97 | 4792 | 47.2 | − 5 27 | 9.4 | *10.8* | Ma | 2 | .. | 38111b |
| 98 | 4750 | 47.2 | − 7 38 | 9.4 | *9.4* | B9 | 5 | .. | 17034b |
| 99 | 5133 | 47.2 | −13 55 | 9.1 | *9.1* | B8 | 3 | .. | 38080b |
| 100 | 5132 | 47.2 | −15 27 | 8.1 | *8.9* | G5 | 6 | .. | 38080b |



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1922AnHar..97....1C



## 174800 — $18^h\ 47^m.2$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 5060 | 47.2 | −16 30 | 6.84 | *6.82* | B9 | 3 | .. | 10085b |
| 2 | 5115 | 47.2 | −18 45 | 6.86 | *7.86* | K0 | 3 | 0,8 | 10085b |
| 3 | 14798 | 47.2 | −24 42 | 8.7 | 9.3 | B9 | 5 | .. | 38105b |
| 4 | 16095 | 47.2 | −31 15 | 9.2 | 9.7 | A5 | 3 | .. | 39273b |
| 5 | 14628 | 47.2 | −32 6 | 7.06 | 8.7 | K5 | 7 | .. | 39273b |
| 6 | 11818 | 47.2 | −51 18 | 10.6 | 10.1 | G5 | 2 | .. | 39661b |
| 7 | 11286 | 47.2 | −52 51 | 8.3 | 8.9 | A2 | 6 | .. | 39661b |
| 8 | 6282 | 47.2 | −61 56 | 7.3 | 7.4 | F2 | 8 | .. | 42464b |
| 9 | 3551 | 47.3 | +39 13 | 7.20 | *7.70* | F8 | 3 | .. | 38500i |
| 10 | 3376 | 47.3 | +35 35 | 8.6 | *8.6* | A | 1 | .. | 37845i |
| 11 | 3229 | 47.3 | +33 30 | 9.2 | *10.0* | G5 | 1 | .. | 37845i |
| 12 | 3969 | 47.3 | + 5 43 | 9.7 | *9.7* | A0 | 2 | .. | 40333b |
| 13 | 3702 | 47.3 | + 2 44 | 8.7 | *9.7* | K0 | 1 | .. | 13424b |
| 14 | 4765 | 47.3 | − 2 47 | 8.9 | *9.7* | G5 | 2 | .. | 38111b |
| 15 | 4793 | 47.3 | − 5 34 | 10.6 | *10.6* | B9 | 1 | .. | 38111b |
| 16 | 4744 | 47.3 | − 8 34 | 10.7 | *10.7* | A0 | 1 | .. | 17034b |
| 17 | 4742 | 47.3 | − 8 38 | 10.3 | *10.3* | A0 | 3 | .. | 17034b |
| 18 | 5116 | 47.3 | −18 14 | 10.6 | *10.6* | A | 1 | .. | 38063b |
| 19 | 5170 | 47.3 | −21 51 | 8.7 | 8.8 | A2 | 4 | .. | 38105b |
| 20 | 14800 | 47.3 | −24 6 | 8.9 | 8.8 | F0 | 4 | .. | 38105b |
| 21 | 15117 | 47.3 | −28 3 | 10.4 | 9.9 | A0 | 2 | .. | 40632b |
| 22 | 13685 | 47.3 | −33 53 | 9.0 | 9.0 | A0 | 4 | .. | 39273b |
| 23 | *12936* | 47.3 | −42 59 | 9.3 | 10.9 | K2 | 1 | .. | 38141b |
| 24 | 12784 | 47.3 | −48 36 | 9.5 | 11.7 | Ma | .. | .. | M |
| 25 | 11288 | 47.3 | −52 24 | *9.8* | 10.3 | F8 | 2 | .. | 39661b |
| 26 | 592 | 47.3 | −84 3 | *8.6* | 9.6 | K0 | 2 | .. | 14161b |
| 27 | 167 | 47.3 | −88 2 | *9.7* | 10.3 | G0 | 2 | .. | 22980b |
| 28 | 423 | 47.4 | +84 32 | 8.8 | *9.1* | F0 | 2 | .. | 37294i |
| 29 | 3174 | 47.4 | +42 46 | 7.44 | *8.44* | K0 | 4 | .. | 37348i |
| 30 | 3334 | 47.4 | +34 16 | 6.91 | *6.97* | A2 | 7 | .. | 37845i |
| 31 | 3691 | 47.4 | +12 32 | 8.6 | *8.7* | A3 | 2 | .. | 38537i |
| 32 | 3642 | 47.4 | +11 40 | 8.5 | *8.9* | F5 | 3 | .. | 38537i |
| 33 | 3970 | 47.4 | + 5 51 | 9.7 | *9.8* | A2 | 1 | .. | 40333b |
| 34 | 3819 | 47.4 | + 3 25 | 9.2 | *9.3* | A2 | 2 | .. | 40333b |
| 35 | 4768 | 47.4 | − 2 22 | 8.7 | *8.8* | A3 | 3 | .. | 38111b |
| 36 | *4941* | 47.4 | − 5 57 | 7.65 | *7.63* | B9 | 8 | .. | 38111b |
| 37 | 4844 | 47.4 | −10 28 | 9.9 | *9.9* | B9 | 3 | .. | 38080b |
| 38 | 4793 | 47.4 | −11 33 | 8.3 | *8.3* | B8 | 4 | .. | 38080b |
| 39 | 5119 | 47.4 | −18 55 | 8.9 | *8.9* | B9 | 2 | 1,8 | 10085b |
| 40 | 5204 | 47.4 | −19 55 | 8.53 | 9.1 | A0 | 6 | .. | 23765b |
| 41 | 5171 | 47.4 | −21 27 | 9.7 | 9.7 | A0 | 3 | .. | 38105b |
| 42 | 15119 | 47.4 | −28 51 | 9.2 | 10.2 | G0 | 2 | .. | 40632b |
| 43 | 16098 | 47.4 | −31 49 | 9.3 | 9.3 | A3 | 4 | .. | 39273b |
| 44 | 12910 | 47.4 | −40 56 | 8.9 | 9.2 | F2 | 5 | .. | 38141b |
| 45 | 13208 | 47.4 | −41 6 | 9.3 | 10.6 | K5 | 1 | .. | 38141b |
| 46 | 12843 | 47.4 | −45 23 | 10.1 | 9.9 | B9 | 4 | .. | 38141b |
| 47 | 12610 | 47.4 | −47 46 | 9.1 | 9.9 | G5 | 1 | .. | 38141b |
| 48 | 12213 | 47.4 | −50 30 | 9.5 | 10.9 | K5 | 2 | .. | 39661b |
| 49 | 11821 | 47.4 | −51 31 | 10.6 | 11.2 | A3 | 2 | .. | 39661b |
| 50 | 8909 | 47.4 | −55 59 | *9.6* | 10.1 | F8 | 4 | .. | 39661b |
| 51 | 9026 | 47.4 | −56 33 | 6.86 | 8.0 | K5 | 6 | .. | 40463b |
| 52 | 2559 | 47.5 | +46 30 | 9.0 | *9.8* | G5 | 2 | .. | 37348i |
| 53 | 3787 | 47.5 | +13 51 | 6.09 | *6.07* | B9 | 10 | .. | 37202i |
| 54 | 3900 | 47.5 | + 9 9 | 9.1 | *9.1* | B9 | 4 | .. | 40333b |
| 55 | 3877 | 47.5 | + 8 13 | 10.0 | *11.2* | K5 | 1 | .. | 40333b |
| 56 | 4603 | 47.5 | − 4 53 | 9.20 | *9.20* | A0 | 4 | .. | 38111b |
| 57 | 5133 | 47.5 | −15 33 | 8.8 | *9.9* | K2 | 3 | .. | 38080b |
| 58 | 14636 | 47.5 | −32 18 | 9.3 | 9.3 | F5 | 4 | .. | 39273b |
| 59 | 13011 | 47.5 | −35 51 | 8.6 | 10.1 | K0 | 2 | .. | 40737b |
| 60 | 13733 | 47.5 | −42 14 | 9.2 | 9.4 | F2 | 3 | .. | 38141b |
| 61 | 12941 | 47.5 | −43 50 | 9.0 | 10.2 | G5 | 2 | .. | 38141b |
| 62 | 12693 | 47.5 | −46 6 | 9.3 | 9.7 | A3 | 4 | .. | 38141b |
| 63 | 4942 | 47.6 | − 6 24 | 9.4 | *10.0* | G0 | 5 | .. | 38111b |
| 64 | 4753 | 47.6 | − 7 37 | 10.3 | *11.3* | K0 | 2 | .. | 17034b |
| 65 | *4747* | 47.6 | − 7 58 | 9.4 | *9.4* | A0 | 6 | .. | 17034b |
| 66 | 4876 | 47.6 | − 9 42 | 6.26 | *6.34* | A3 | 6 | .. | 44008b |
| 67 | 5120 | 47.6 | −18 31 | 9.7 | *10.7* | K0 | 2 | .. | 38063b |
| 68 | 5206 | 47.6 | −19 52 | 8.93 | 9.1 | B9 | 6 | .. | 23765b |
| 69 | 5314 | 47.6 | −20 34 | 11.2 | 10.0 | A0 | 2 | .. | 38105b |
| 70 | 16105 | 47.6 | −31 19 | 7.9 | 9.9 | K2 | 3 | .. | 39273b |
| 71 | 12915 | 47.6 | −40 3 | 8.4 | 9.1 | F2 | 4 | .. | 38141b |
| 72 | 12916 | 47.6 | −40 42 | 7.5 | 8.8 | G5 | 7 | .. | 38141b |
| 73 | 12787 | 47.6 | −48 50 | 9.5 | 10.9 | K2 | 1 | .. | 41441b |
| 74 | 12214 | 47.6 | −50 11 | 7.9 | 8.5 | F0 | 6 | .. | 39661b |
| 75 | 8911 | 47.6 | −55 27 | *9.8* | 10.4 | G0 | 3 | .. | 39661b |
| 76 | 7529 | 47.6 | −58 43 | 8.5 | 9.0 | K2 | 3 | .. | 40463b |
| 77 | 6002 | 47.6 | −62 55 | 6.50 | 8.0 | K0 | 8 | .. | 42464b |
| 78 | 282 | 47.7 | +86 35 | 6.82 | *8.17* | Ma | 5 | .. | 37294i |
| 79 | 1907 | 47.7 | +57 43 | 8.2 | *8.2* | A0 | 7 | .. | 38518i |
| 80 | 3094 | 47.7 | +43 50 | 7.23 | *8.23* | K0 | 5 | .. | 37348i |
| 81 | 3104 | 47.7 | +28 39 | 6.43 | *7.43* | K0 | 6 | 0,7 | 37845i |
| 82 | 3694 | 47.7 | +12 22 | 7.9 | *9.0* | K2 | 1 | .. | 38537i |
| 83 | 3902 | 47.7 | + 9 7 | 9.1 | *10.5* | Ma | 1 | .. | 40333b |
| 84 | 3821 | 47.7 | + 3 56 | 8.0 | *8.0* | B8 | 7 | 2,3 | 40333b |
| 85 | 4943 | 47.7 | − 6 15 | 9.1 | *9.6* | F8 | 7 | .. | 38111b |
| 86 | 4848 | 47.7 | −10 21 | 8.1 | *8.1* | B8 | 7 | .. | 38080b |
| 87 | 4795 | 47.7 | −11 28 | 7.9 | *7.9* | B9 | 5 | .. | 38080b |
| 88 | 5198 | 47.7 | −12 42 | 9.2 | *9.8* | G | 1 | .. | 38080b |
| 89 | 5215 | 47.7 | −14 26 | 8.3 | *9.5* | K5 | 3 | .. | 38080b |
| 90 | 5173 | 47.7 | −21 10 | 8.5 | 8.5 | F5 | 5 | .. | 38105b |
| 91 | 12976 | 47.7 | −39 41 | 8.1 | 9.4 | K0 | 3 | .. | 38141b |
| 92 | 12611 | 47.7 | −47 44 | 9.2 | 9.7 | G0 | 2 | .. | 38141b |
| 93 | 11825 | 47.7 | −51 18 | 10.6 | 11.2 | K0 | 2 | .. | 39661b |
| 94 | 9029 | 47.7 | −56 39 | 8.5 | 9.5 | K2 | 2 | .. | 40463b |
| 95 | 1027 | 47.8 | +70 17 | 8.09 | *8.43* | F2 | 3 | .. | 38029i |
| 96 | 3371 | 47.8 | +29 59 | 8.31 | *8.31* | A | 2 | .. | 37845i |
| 97 | 3680 | 47.8 | +14 25 | 6.51 | *7.51* | K0 | 6 | .. | 37202i |
| 98 | 3705 | 47.8 | +10 34 | 10.0 | *10.0* | B9 | 2 | .. | 40333b |
| 99 | 3903 | 47.8 | + 9 7 | 9.4 | *10.4* | K0 | 1 | .. | 40333b |
| 100 | 3960 | 47.8 | + 6 47 | 8.5 | *8.5* | B9 | 3 | .. | 39461b |



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1922AnHar..97....1C



## 174900 — 18h 47m.8

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. | H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | | | | m. | ° ′ | | | | | | |
| 1 | 4754 | 47.8 | − 7 7 | 9.9 | *11.0* | K2 | 1 | .. | 17034b | 51 | 13518 | 48.0 | −25 16 | 10.9 | 10.2 | A5 | 2 | .. | 38105b |
| 2 | 4755 | 47.8 | − 7 12 | 9.7 | *9.6* | B5 | 5 | .. | 17034b | 52 | 16396 | 48.0 | −30 42 | 9.5 | 9.9 | Ao | 3 | 0,2 | 39273b |
| 3 | 5362 | 47.8 | −17 3 | 9.2 | *10.3* | K2 | 1 | .. | 38080b | 53 | 16108 | 48.0 | −31 45 | 7.9 | 9.0 | B9 | 4 | .. | 39273b |
| 4 | 5209 | 47.8 | −19 35 | 9.1 | 8.8 | Ao | 7 | .. | 23765b | 54 | 13737 | 48.0 | −42 5 | 9.7 | 9.5 | A2 | 2 | .. | 38141b |
| 5 | 5208 | 47.8 | −19 48 | 9.9 | 10.3 | Fo | 3 | .. | 23765b | 55 | 11292 | 48.0 | −52 3 | 8.22 | 9.7 | K5 | 4 | .. | 39661b |
| 6 | 14807 | 47.8 | −23 48 | 11.2 | 10.6 | G5 | 1 | .. | 23765b | 56 | 9382 | 48.0 | −53 52 | *9.4* | 10.4 | Ko | 1 | .. | 39661b |
| 7 | 15126 | 47.8 | −28 44 | 8.9 | 9.9 | F8 | 3 | .. | 40632b | 57 | *9032* | 48.0 | −55 59 | 8.0 | 8.4 | F5 | 7 | .. | 40463b |
| 8 | 15478 | 47.8 | −29 12 | 8.5 | 9.3 | Ko | 3 | .. | 40632b | 58 | 3553 | 48.1 | +39 12 | 7.17 | *7.17* | Ao | 5 | .. | 38500i |
| 9 | 13012 | 47.8 | −35 17 | 9.9 | 9.4 | F5 | 3 | .. | 40737b | 59 | 3295 | 48.1 | +36 25 | 6.01 | *5.89* | B5 | 9 | .. | 37845i |
| 10 | 13212 | 47.8 | −41 2 | 10.3 | 10.0 | A2 | 2 | .. | 38141b | 60 | 3381 | 48.1 | +31 50 | 9.0 | *9.0* | Ao | 2 | .. | 37845i |
| 11 | 11826 | 47.8 | −51 49 | 11.0 | 10.0 | A2 | 3 | .. | 39661b | 61 | 3382 | 48.1 | +31 16 | 8.6 | *8.6* | B9 | 3 | .. | 37845i |
| 12 | 3327 | 47.9 | +38 31 | 7.18 | *7.68* | F8 | 3 | .. | 37845i | 62 | 3106 | 48.1 | +28 39 | 8.2 | *8.8* | Go | 3 | E | 38456i |
| 13 | 3904 | 47.9 | + 9 7 | 7.9 | *9.0* | K2 | 3 | .. | 38537i | 63 | 3142 | 48.1 | +27 8 | 7.6 | *7.7* | A5 | 5 | .. | 37848i |
| 14 | 3579 | 47.9 | − 0 5 | 8.63 | *9.81* | K5 | 2 | .. | 13424b | 64 | 3963 | 48.1 | + 6 31 | 9.1 | *9.1* | Ao | 2 | .. | 39461b |
| 15 | 4606 | 47.9 | − 4 11 | 8.9 | *10.1* | K5 | 2 | .. | 38111b | 65 | 3964 | 48.1 | + 6 20 | 9.4 | *9.9* | F8 | 3 | .. | 40333b |
| 16 | 4607 | 47.9 | − 4 51 | 7.50 | *7.50* | Ao | 8 | .. | 38111b | 66 | 3803 | 48.1 | + 1 38 | 7.7 | *7.8* | A3 | 3 | .. | 38022i |
| 17 | 4944 | 47.9 | − 6 23 | 9.4 | *10.5* | K2 | 4 | .. | 38111b | 67 | 3587 | 48.1 | − 1 49 | 9.42 | *9.42* | Ao | 5 | .. | 38111b |
| 18 | 4748 | 47.9 | − 8 48 | 9.4 | *10.5* | K2 | 3 | .. | 17034b | 68 | 4773 | 48.1 | − 2 33 | 9.1 | *9.6* | F8 | 4 | .. | 38111b |
| 19 | 5211 | 47.9 | −19 55 | 7.23 | 8.2 | Ko | 3 | 0,8 | 10085b | 69 | 4796 | 48.1 | − 5 49 | 10.6 | *10.6* | Ao | 2 | .. | 38111b |
| 20 | 5316 | 47.9 | −20 32 | 9.2 | 10.3 | Ko | 2 | .. | 38105b | 70 | 4751 | 48.1 | − 8 8 | 9.4 | *9.5* | A2 | 5 | .. | 17034b |
| 21 | 5315 | 47.9 | −20 57 | 9.7 | 9.8 | Ao | 3 | .. | 38105b | 71 | 4749 | 48.1 | − 8 42 | 9.2 | *9.2* | Ao | 7 | .. | 17034b |
| 22 | 14645 | 47.9 | −32 33 | 9.3 | 9.3 | F5 | 3 | .. | 39273b | 72 | 4851 | 48.1 | −10 43 | 10.3 | *10.7* | F5 | 2 | .. | 38080b |
| 23 | 13214 | 47.9 | −41 33 | 9.3 | 9.5 | A3 | 3 | .. | 38141b | 73 | 4906 | 48.1 | −22 42 | 7.35 | 7.6 | B8 | 6 | 1,7 | 38063b |
| 24 | 12944 | 47.9 | −43 17 | 9.5 | 10.7 | Ko | 1 | .. | 38141b | 74 | 4907 | 48.1 | −22 52 | 4.96 | 6.7 | G5 | .. | 0,8 R | **28**,213 |
| 25 | 12965 | 47.9 | −44 10 | 9.5 | 9.6 | F5 | 3 | .. | 38141b | 75 | 14812 | 48.1 | −23 6 | 10.9 | 9.8 | Fo | 2 | .. | 38105b |
| 26 | 8915 | 47.9 | −55 53 | 8.5 | 9.8 | Ko | 2 | .. | 39661b | 76 | 13521 | 48.1 | −25 50 | 10.2 | 10.2 | F8 | 2 | .. | 40632b |
| 27 | 9030 | 47.9 | −56 19 | *10.3* | 10.4 | A2 | 1 | .. | 39661b | 77 | 13216 | 48.1 | −41 44 | 8.3 | 9.7 | K2 | 3 | .. | 38141b |
| 28 | 4461 | 47.9 | −63 30 | *8.5* | 8.6 | A2 | 4 | .. | 42464b | 78 | 12967 | 48.1 | −44 0 | 9.5 | 9.6 | F8 | 3 | .. | 38141b |
| 29 | 1288 | 47.9 | −76 43 | *8.8* | 9.8 | Ko | 4 | .. | 42793b | 79 | 2322 | 48.1 | −72 50 | *9.4* | 9.5 | A5 | 2 | .. | 42526b |
| 30 | 674 | 47.9 | −83 37 | 7.45 | 7.4 | F5 | 8 | .. | 14161b | 80 | 835 | 48.2 | +73 58 | 5.38 | *6.16* | G5 | 9 | .. | 38044i |
| 31 | 1837 | 48.0 | +58 35 | 9.1 | *9.1* | Ao | 3 | .. | 38518i | 81 | 2042 | 48.2 | +54 12 | 7.30 | *7.28* | B9 | 7 | .. | 38518i |
| 32 | 3555 | 48.0 | +24 23 | 8.8 | *8.8* | B9 | 3 | .. | 37848i | 82 | 2438 | 48.2 | +51 45 | 8.1 | *9.2* | K2 | 1 | .. | 37884i |
| 33 | 3582 | 48.0 | +21 18 | 5.33 | *5.31* | B9 | .. | 0,10 | **56**,96 | 83 | 3505 | 48.2 | +40 17 | 8.6 | *8.6* | Ao | 1 | E | 38520i |
| 34 | 3795 | 48.0 | +13 53 | 7.9 | *9.0* | K2 | 1 | .. | 37202i | 84 | 3650 | 48.2 | +25 54 | 7.7 | *8.0* | F2 | 6 | .. | 37848i |
| 35 | 3706 | 48.0 | +10 7 | 8.17 | *8.45* | Fo | 4 | 0,3 | 39461b | 85 | 3906 | 48.2 | + 9 50 | 8.4 | *9.0* | Go | 3 | .. | 39461b |
| 36 | 3707 | 48.0 | + 2 43 | 8.3 | *8.4* | A2 | 7 | .. | 13424b | 86 | 3872 | 48.2 | + 7 42 | 8.5 | *8.5* | Ao | 4 | .. | 39461b |
| 37 | 4609 | 48.0 | − 4 20 | 8.5 | *8.5* | B9 | 4 | .. | 38111b | 87 | 3902 | 48.2 | + 4 6 | 9.1 | *9.2* | A2 | 4 | .. | 40333b |
| 38 | 4794 | 48.0 | − 5 22 | 8.9 | *10.0* | K2 | 4 | .. | 38111b | 88 | 3580 | 48.2 | − 0 36 | 10.4 | *11.5* | K2 | 1 | .. | 38111b |
| 39 | 4945 | 48.0 | − 6 35 | 9.7 | *10.8* | K2 | 3 | .. | 38111b | 89 | 3581 | 48.2 | − 0 41 | 10.4 | *11.0* | Go | 1 | .. | 38111b |
| 40 | 4946 | 48.0 | − 6 41 | 9.1 | *10.3* | K5 | 3 | .. | 38111b | 90 | 4401 | 48.2 | − 3 40 | 8.6 | *8.6* | Ao | 5 | .. | 38111b |
| 41 | 5217 | 48.0 | −14 28 | 9.7 | *10.3* | Go | 2 | .. | 38080b | 91 | 4400 | 48.2 | − 3 44 | 10.3 | *11.5* | K5 | 1 | .. | 38111b |
| 42 | 5066 | 48.0 | −16 17 | 8.7 | *9.2* | F8 | 3 | .. | 38080b | 92 | 5214 | 48.2 | −19 40 | 10.3 | 9.2 | Fo | 5 | .. | 23765b |
| 43 | 5213 | 48.0 | −19 12 | 9.7 | 8.8 | Ao | 5 | .. | 23765b | 93 | 5177 | 48.2 | −21 3 | 8.7 | 8.8 | B9 | 4 | .. | 38105b |
| 44 | 5212 | 48.0 | −19 51 | 10.1 | 9.8 | F8 | 2 | .. | 38063b | 94 | 4908 | 48.2 | −22 48 | 7.83 | 8.2 | F5 | 3 | 3,4 | 38063b |
| 45 | 5317 | 48.0 | −20 5 | 9.18 | 9.5 | Ao | 5 | .. | 23765b | 95 | 14813 | 48.2 | −23 1 | 9.2 | 8.8 | G5 | 4 | .. | 38105b |
| 46 | R | 48.0 | −20 15 | *9.8* | 9.8 | Ao | 3 | .. | 23765b | 96 | 14816 | 48.2 | −24 53 | 7.20 | 7.3 | B8 | 4 | 5,9 | 10085b |
| 47 | 5176 | 48.0 | −21 29 | 5.75 | 6.9 | Ko | .. | 0,5- | **56**,143 | 97 | 13340 | 48.2 | −27 34 | 10.7 | 9.9 | A5 | 2 | .. | 40632b |
| 48 | *4905* | 48.0 | −21 58 | 10.1 | 8.8 | Ao | 3 | .. | 38105b | 98 | 13341 | 48.2 | −27 58 | 8.5 | 9.3 | Fo | 4 | .. | 40632b |
| 49 | 4904 | 48.0 | −22 31 | 10.6 | 10.3 | A | 1 | .. | 38105b | 99 | 16401 | 48.2 | −30 17 | 8.7 | 9.6 | G5 | 2 | .. | 40632b |
| 50 | 14810 | 48.0 | −23 2 | 9.7 | 10.3 | Ko | 2 | .. | 38105b | 100 | 16109 | 48.2 | −31 13 | 10.2 | 10.2 | Ao | 3 | .. | 39273b |



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1922AnHar..97....1C



## 175000 — $18^h\,48^m.2$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 16111 | 48.2 | −31 15 | 8.3 | 8.5 | Ao | 7 | .. | 40632b |
| 2 | 12981 | 48.2 | −39 22 | 8.3 | 8.5 | Ao | 5 | .. | 40737b |
| 3 | 12980 | 48.2 | −39 46 | 10.1 | 10.3 | Fo | 1 | .. | 38141b |
| 4 | 13218 | 48.2 | −41 3 | 8.9 | 10.0 | Ko | 2 | .. | 38141b |
| 5 | 12699 | 48.2 | −46 28 | 9.9 | 10.5 | Go | 1 | .. | 38141b |
| 6 | 7532 | 48.2 | −58 49 | 8.7 | 9.0 | Fo | 4 | .. | 40463b |
| 7 | 2593 | 48.2 | −70 35 | 6.74 | 6.7 | A5 | 9 | .. | 41598b |
| 8 | 2323 | 48.2 | −72 3 | 6.94 | 6.8 | B9 | 10 | .. | 42526b |
| 9 | 1029 | 48.3 | +70 51 | 8.7 | *9.8* | K2 | 1 | .. | 38029i |
| 10 | 2880 | 48.3 | +49 19 | 8.5 | *8.5* | A | 2 | E | 37348i |
| 11 | 3558 | 48.3 | +24 57 | 8.68 | *9.68* | Ko | 1 | .. | 37848i |
| 12 | 3651 | 48.3 | +11 30 | 9.0 | *9.0* | Ao | 2 | .. | 40333b |
| 13 | 3880 | 48.3 | + 8 36 | 8.0 | *8.0* | B9 | 4 | .. | 38537i |
| 14 | 3874 | 48.3 | + 7 57 | 9.4 | *10.5* | K2 | 1 | .. | 40333b |
| 15 | 3876 | 48.3 | + 7 46 | 7.9 | *7.9* | Ao | 5 | .. | 38537i |
| 16 | 3873 | 48.3 | + 7 10 | 8.7 | *9.9* | K5 | 2 | .. | 40333b |
| 17 | 3875 | 48.3 | + 7 4 | 9.7 | *9.8* | A2 | 1 | .. | 40333b |
| 18 | 3825 | 48.3 | + 3 15 | 8.7 | *9.1* | F5 | 4 | .. | 40333b |
| 19 | 3582 | 48.3 | − 0 56 | 10.4 | *11.6* | K5 | 1 | .. | 38111b |
| 20 | 4611 | 48.3 | − 4 48 | 9.65 | *10.72* | K2 | 1 | .. | 38111b |
| 21 | 4883 | 48.3 | − 9 11 | 10.1 | *10.5* | F5 | 2 | .. | 17034b |
| 22 | 5138 | 48.3 | −13 55 | 8.9 | *9.2* | F2 | 3 | .. | 38080b |
| 23 | .. | 48.3 | −18 4 | .. | .. | Ao | 1 | .. | 38063b |
| 24 | 5216 | 48.3 | −19 27 | 10.3 | 10.3 | G | 1 | .. | 23765b |
| 25 | 15136 | 48.3 | −28 49 | 7.7 | 9.7 | K2 | 3 | .. | 40632b |
| 26 | 13216 | 48.3 | −34 22 | 10.3 | 9.7 | Go | 2 | .. | 39273b |
| 27 | 13018 | 48.3 | −35 50 | 8.3 | 9.4 | G5 | 4 | .. | 40737b |
| 28 | 13120 | 48.3 | −36 38 | 8.3 | 8.5 | A3 | 6 | .. | 40737b |
| 29 | 12953 | 48.3 | −43 49 | 8.3 | 8.2 | Go | 5 | .. | 38141b |
| 30 | 12793 | 48.3 | −48 43 | 9.9 | 10.3 | Go | 2 | .. | 41441b |
| 31 | 8916 | 48.3 | −55 23 | *9.7* | 10.7 | Ko | 1 | .. | 39661b |
| 32 | 3402 | 48.3 | −66 2 | *8.8* | 9.3 | F8 | 4 | .. | 41442b |
| 33 | 2360 | 48.3 | −71 40 | *8.1* | 8.1 | Ao | 7 | .. | 41442b |
| 34 | 2563 | 48.4 | +46 38 | 8.5 | *9.9* | Ma | 3 | .. | 37348i |
| 35 | 3378 | 48.4 | +26 37 | 8.0 | *8.0* | Ao | 4 | .. | 37848i |
| 36 | 3379 | 48.4 | +26 24 | 7.9 | *8.5* | Go | 2 | .. | 37848i |
| 37 | 4045 | 48.4 | + 0 45 | 7.7 | *7.7* | Ao | 3 | .. | 38022i |
| 38 | 3583 | 48.4 | − 0 42 | 9.2 | *9.2* | B9 | 5 | .. | 38111b |
| 39 | 4798 | 48.4 | − 5 40 | 8.9 | *9.7* | G5 | 4 | .. | 38111b |
| 40 | 4884 | 48.4 | − 9 3 | 10.6 | *10.6* | Ao | 2 | .. | 17034b |
| 41 | 4852 | 48.4 | −10 23 | 9.4 | *9.4* | B9 | 5 | .. | 38080b |
| 42 | 5366 | 48.4 | −17 17 | 10.1 | *10.1* | Ao | 1 | .. | 38080b |
| 43 | 5321 | 48.4 | −20 4 | 8.18 | 8.0 | B8 | 8 | .. | 23765b |
| 44 | 14814 | 48.4 | −23 50 | 9.7 | 8.8 | Ao | 5 | .. | 23765b |
| 45 | 14820 | 48.4 | −24 50 | 8.65 | 9.0 | Go | 4 | .. | 40632b |
| 46 | 13348 | 48.4 | −27 0 | 7.9 | 8.1 | B8 | 8 | .. | 40632b |
| 47 | 13020 | 48.4 | −35 15 | 8.6 | 8.5 | Fo | 5 | .. | 40737b |
| 48 | 13194 | 48.4 | −38 42 | 8.3 | 8.2 | A3 | 6 | .. | 40737b |
| 49 | 13221 | 48.4 | −41 2 | 9.9 | 9.2 | Ao | 5 | .. | 38141b |
| 50 | 12954 | 48.4 | −43 29 | 9.9 | 10.5 | Ko | 1 | .. | 38141b |
| 51 | 12704 | 48.4 | −46 24 | 9.7 | 10.2 | A3 | 2 | .. | 38141b |
| 52 | *12617* | 48.4 | −46 59 | 10.3 | 10.4 | F5 | 1 | .. | 38141b |
| 53 | 11294 | 48.4 | −52 37 | *10.3* | 10.8 | F8 | 2 | .. | 39661b |
| 54 | 9166 | 48.4 | −54 41 | 7.56 | 7.8 | Ao | 9 | .. | 40463b |
| 55 | *3003* | 48.5 | +45 0 | 7.22 | *7.20* | B9 | 8 | .. | 37348i |
| 56 | 3709 | 48.5 | +10 3 | 7.97 | *7.97* | Ao | 5 | *1,5* | 38537i |
| 57 | 3973 | 48.5 | + 5 51 | 8.6 | *8.6* | B9 | 5 | .. | 40333b |
| 58 | 4886 | 48.5 | − 9 30 | 6.92 | *6.98* | A2 | 9 | .. | 38080b |
| 59 | 4853 | 48.5 | −10 11 | 9.9 | *9.9* | B9 | 1 | .. | 38080b |
| 60 | 5140 | 48.5 | −13 45 | 7.9 | *7.9* | B9 | 7 | .. | 38080b |
| 61 | 5138 | 48.5 | −15 8 | 8.9 | *9.9* | Ko | 2 | .. | 38080b |
| 62 | 5069 | 48.5 | −16 32 | 9.4 | *9.9* | F8 | 2 | .. | 38080b |
| 63 | *5125* | 48.5 | −17 59 | 10.1 | *10.1* | B9 | 2 | .. | 38063b |
| 64 | 5126 | 48.5 | −18 10 | 9.7 | *10.8* | K2 | 2 | .. | 38063b |
| 65 | 5217 | 48.5 | −19 32 | 10.6 | 10.0 | Ao | 2 | .. | 23765b |
| 66 | 5218 | 48.5 | −19 44 | 10.3 | 9.5 | Ao | 3 | .. | 23765b |
| 67 | 5178 | 48.5 | −21 26 | 9.7 | 9.7 | Ko | 2 | .. | 38105b |
| 68 | 5180 | 48.5 | −21 29 | 10.6 | 10.3 | A | 1 | .. | 38105b |
| 69 | 5179 | 48.5 | −21 37 | 10.6 | 10.9 | A | 1 | .. | 38105b |
| 70 | 4912 | 48.5 | −22 24 | 10.1 | 9.2 | G5 | 3 | .. | 38105b |
| 71 | 13526 | 48.5 | −25 24 | 9.2 | 9.6 | Ao | 2 | .. | 40632b |
| 72 | 13710 | 48.5 | −33 53 | 9.0 | 9.3 | Go | 2 | .. | 39273b |
| 73 | 12969 | 48.5 | −37 37 | 7.9 | 8.1 | G5 | 7 | .. | 40737b |
| 74 | 12984 | 48.5 | −39 40 | 9.3 | 10.9 | Mb | 1 | .. | 38141b |
| 75 | *12926* | 48.5 | −39 59 | 9.3 | 10.7 | A2 | 2 | .. | 38141b |
| 76 | 12956 | 48.5 | −43 15 | 9.9 | 10.5 | Fo | 1 | .. | 38141b |
| 77 | 12219 | 48.5 | −50 57 | 11.0 | 11.2 | G5 | 1 | .. | 39661b |
| 78 | 110 | 48.6 | +88 38 | 8.76 | *9.18* | F5 | 4 | .. | 37793i |
| 79 | 3165 | 48.6 | +41 36 | 8.09 | *9.16* | K2 | 1 | .. | 38500i |
| 80 | 3164 | 48.6 | +41 21 | 7.31 | *8.31* | Ko | 4 | *5,4* | 38500i |
| 81 | 3262 | 48.6 | +37 24 | 7.08 | *6.91* | B3 | 4 | .. | 37845i |
| 82 | 3241 | 48.6 | +33 14 | 8.8 | *8.8* | Ao | 2 | .. | 37845i |
| 83 | 3375 | 48.6 | +29 24 | 8.1 | *8.1* | Ao | 2 | .. | 37845i |
| 84 | 3380 | 48.6 | +26 34 | 8.1 | *8.1* | B9 | 4 | .. | 37848i |
| 85 | 3587 | 48.6 | +21 20 | 7.8 | *7.9* | A2 | 3 | .. | 37848i |
| 86 | 3910 | 48.6 | + 9 4 | 10.4 | *10.4* | Ao | 2 | .. | 40333b |
| 87 | 3585 | 48.6 | − 0 23 | 9.7 | *10.3* | Go | 3 | .. | 38111b |
| 88 | 3589 | 48.6 | − 1 50 | 9.87 | *10.94* | K2 | 1 | .. | 38111b |
| 89 | 4888 | 48.6 | − 9 38 | 9.4 | *9.4* | B8 | 3 | .. | 38080b |
| 90 | 5127 | 48.6 | −18 17 | 10.3 | *10.3* | A | 1 | .. | 38063b |
| 91 | 5322 | 48.6 | −20 3 | 8.68 | 8.8 | B8 | 8 | .. | 23765b |
| 92 | 13222 | 48.6 | −34 13 | 9.3 | 10.1 | G5 | 1 | .. | 39273b |
| 93 | 12970 | 48.6 | −37 30 | 6.56 | 7.0 | Ko | 9 | .. | 40737b |
| 94 | *13749* | 48.6 | −41 59 | 9.0 | 9.1 | Ko | 3 | .. | 38141b |
| 95 | 12857 | 48.6 | −45 20 | 9.5 | 10.5 | K2 | 1 | .. | 38141b |
| 96 | 11829 | 48.6 | −51 38 | 9.7 | 10.3 | G5 | 2 | .. | 39661b |
| 97 | 11297 | 48.6 | −52 23 | 9.0 | 10.0 | G5 | 2 | .. | 39661b |
| 98 | 11299 | 48.6 | −52 24 | 8.4 | 7.9 | Ao | 8 | .. | 39661b |
| 99 | 1289 | 48.6 | −76 46 | *9.0* | 9.8 | G5 | 3 | .. | 42793b |
| 100 | 3911 | 48.7 | + 9 32 | 7.5 | *8.9* | Ma | 3 | *0,2* | 39461b |



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## 175100 — $18^h\,48^m.7$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3912 | 48.7 | + 9 4 | 10.0 | *10.4* | F5 | 1 | .. | 40333b |
| 2 | 3807 | 48.7 | + 1 55 | 9.7 | *9.8* | A2 | 2 | .. | 13424b |
| 3 | 3808 | 48.7 | + 1 37 | 9.4 | *9.5* | A5 | 2 | .. | 13424b |
| 4 | 4614 | 48.7 | − 4 45 | 7.95 | *7.93* | B9 | 7 | .. | 38111b |
| 5 | 4800 | 48.7 | − 5 46 | 9.1 | *10.1* | Ko | 3 | .. | 38111b |
| 6 | 4949 | 48.7 | − 6 14 | 9.2 | *10.0* | G5 | 5 | .. | 38111b |
| 7 | 4760 | 48.7 | − 7 11 | 10.3 | *10.3* | B9 | 2 | .. | 17034b |
| 8 | 4759 | 48.7 | − 7 39 | 9.4 | *9.5* | A2 | 5 | .. | 17034b |
| 9 | 4754 | 48.7 | − 8 6 | 9.4 | *10.4* | Ko | 2 | .. | 17034b |
| 10 | 4855 | 48.7 | −10 39 | 9.1 | *9.1* | B9 | 4 | .. | 38080b |
| 11 | 5128 | 48.7 | −18 36 | 10.6 | *10.6* | A | 1 | .. | 38063b |
| 12 | 14824 | 48.7 | −24 31 | 10.9 | 10.5 | A2 | 2 | .. | 23765b |
| 13 | 16412 | 48.7 | −30 36 | Cl. | Cl. | Con. | 4 | R | 40632b |
| 14 | 14661 | 48.7 | −32 34 | 7.9 | 8.7 | F5 | 5 | .. | 39273b |
| 15 | 11830 | 48.7 | −51 17 | 10.1 | 11.2 | Ko | 2 | .. | 39661b |
| 16 | 3976 | 48.8 | + 5 39 | 8.9 | *9.2* | Fo | 3 | .. | 40333b |
| 17 | 3975 | 48.8 | + 5 20 | 8.9 | *10.1* | K5 | 1 | .. | 40333b |
| 18 | 3827 | 48.8 | + 3 15 | 9.4 | *10.2* | G5 | 2 | .. | 40333b |
| 19 | 3590 | 48.8 | − 1 46 | 10.0 | *11.2* | K5 | 1 | .. | 38111b |
| 20 | 4404 | 48.8 | − 3 49 | 9.4 | *10.4* | Ko | 1 | .. | 38111b |
| 21 | 4405 | 48.8 | − 3 52 | 10.1 | *10.7* | Go | 1 | .. | 38111b |
| 22 | 4761 | 48.8 | − 7 27 | 9.1 | *9.1* | B9 | 6 | .. | 17034b |
| 23 | 4857 | 48.8 | −10 37 | 10.6 | *10.6* | B9 | 2 | .. | 38080b |
| 24 | 5202 | 48.8 | −12 44 | var. | var. | Fo | 1 | R | 38080b |
| 25 | 5143 | 48.8 | −13 8 | 8.7 | *9.9* | K5 | 1 | .. | 38080b |
| 26 | 5140 | 48.8 | −15 52 | 9.4 | *9.4* | B9 | 2 | .. | 38080b |
| 27 | *5071* | 48.8 | −15 58 | 9.9 | *9.9* | Ao | 2 | .. | 38080b |
| 28 | 14663 | 48.8 | −32 40 | 7.9 | 9.3 | Go | 4 | .. | 39273b |
| 29 | 13754 | 48.8 | −42 15 | 8.5 | 8.8 | Go | 5 | .. | 38141b |
| 30 | 12860 | 48.8 | −45 16 | 8.4 | 9.0 | G5 | 6 | .. | 38141b |
| 31 | 3006 | 48.9 | +44 7 | 8.6 | *9.4* | G5 | 3 | .. | 37348i |
| 32 | 3167 | 48.9 | +41 16 | 6.20 | *6.18* | B9 | 8 | 0,8 | 38520i |
| 33 | 3587 | 48.9 | − 0 49 | 10.4 | *10.9* | F8 | 3 | .. | 38111b |
| 34 | 3591 | 48.9 | − 1 26 | 8.7 | *9.3* | Go | 6 | .. | 38111b |
| 35 | 4757 | 48.9 | − 8 17 | 10.8 | *10.8* | B9 | 1 | .. | 17034b |
| 36 | 4756 | 48.9 | − 8 28 | 9.4 | *9.4* | Ao | 5 | .. | 17034b |
| 37 | 4890 | 48.9 | − 9 36 | 9.9 | *9.9* | B9 | 2 | .. | 38080b |
| 38 | 4804 | 48.9 | −11 43 | 7.9 | *8.2* | Fo | 4 | .. | 38080b |
| 39 | 4805 | 48.9 | −11 46 | 9.4 | *9.4* | Ao | 2 | .. | 38080b |
| 40 | 5220 | 48.9 | −19 47 | 9.7 | 9.1 | Ao | 4 | .. | 23765b |
| 41 | *5326* | 48.9 | −19 59 | 8.88 | 8.8 | B5 | 8 | .. | 23765b |
| 42 | 4914 | 48.9 | −22 5 | 9.4 | 9.4 | Ao | 3 | .. | 38105b |
| 43 | 2993 | 48.9 | −39 32 | 8.6 | 9.2 | Go | 3 | .. | 40737b |
| 44 | 12707 | 48.9 | −46 41 | 10.3 | 10.8 | Ko | 1 | .. | 38141b |
| 45 | 12417 | 48.9 | −49 7 | 6.78 | 7.7 | G5 | 9 | .. | 39661b |
| 46 | 11834 | 48.9 | −51 9 | 7.7 | 8.8 | F5 | 7 | .. | 39661b |
| 47 | 13967 | 48.9 | −64 7 | *7.6* | 8.6 | Ko | 7 | .. | 42464b |
| 48 | 1852 | 49.0 | +60 43 | 6.78 | *7.85* | K2 | 7 | .. | 38518i |
| 49 | 2680 | 49.0 | +50 56 | 8.0 | *9.2* | K5 | 1 | .. | 37884i |
| 50 | 3237 | 49.0 | +32 17 | 8.7 | *9.9* | K5 | 2 | .. | 37845i |
| 51 | 3384 | 49.0 | +31 17 | 8.6 | *8.9* | F | 2 | .. | 37845i |
| 52 | 3592 | 49.0 | − 1 40 | 8.3 | *8.8* | F8 | 7 | .. | 38111b |
| 53 | 4952 | 49.0 | − 6 36 | 9.2 | *9.2* | Ao | 4 | .. | 38111b |
| 54 | 4763 | 49.0 | − 7 43 | 9.2 | *9.2* | B9 | 7 | .. | 17034b |
| 55 | 5221 | 49.0 | −14 34 | 9.9 | *9.9* | Ao | 2 | .. | 38080b |
| 56 | 5143 | 49.0 | −15 43 | 5.04 | *4.92* | B5 | .. | 2,7 | 56,96 |
| 57 | 5072 | 49.0 | −16 31 | 9.4 | *9.4* | B9 | 4 | .. | 38080b |
| 58 | 5371 | 49.0 | −17 17 | 9.1 | *9.1* | Ao | 3 | .. | 38080b |
| 59 | 14830 | 49.0 | −24 8 | 10.0 | 11.0 | K5 | 2 | .. | 23765b |
| 60 | 13594 | 49.0 | −26 48 | 9.7 | 11.2 | Ma | .. | .. | M |
| 61 | 16130 | 49.0 | −31 21 | 10.2 | 10.5 | Ko | 1 | .. | 39273b |
| 62 | 14669 | 49.0 | −32 9 | 8.3 | 9.0 | B9 | 5 | .. | 39273b |
| 63 | 13225 | 49.0 | −34 46 | 9.2 | 9.9 | Ko | 3 | .. | 40737b |
| 64 | 12978 | 49.0 | −44 16 | 9.3 | 9.9 | Ko | 2 | .. | 38141b |
| 65 | 12863 | 49.0 | −45 52 | 10.1 | 10.2 | A2 | 2 | .. | 38141b |
| 66 | 8920 | 49.0 | −55 57 | 7.5 | 8.2 | Fo | 7 | .. | 40463b |
| 67 | 2594 | 49.0 | −70 4 | 8.02 | 9.0 | G5 | 3 | .. | 41598b |
| 68 | 1729 | 49.0 | −74 13 | *8.6* | 9.2 | Go | 3 | .. | 42526b |
| 69 | 881 | 49.0 | −80 41 | *8.1* | 8.9 | G5 | 2 | .. | 14161b |
| 70 | 1030 | 49.1 | +70 33 | 8.7 | *9.1* | F5 | 1 | .. | 38029i |
| 71 | 2440 | 49.1 | +51 42 | 8.7 | *9.0* | Fo | 1 | .. | 37884i |
| 72 | 3388 | 49.1 | +35 21 | 7.47 | *8.54* | K2 | 2 | .. | 37845i |
| 73 | 3764 | 49.1 | +17 53 | 7.9 | *7.9* | Ao | 4 | .. | 37202i |
| 74 | 3707 | 49.1 | +12 52 | 7.7 | *7.8* | A3 | 3 | .. | 37202i |
| 75 | 3969 | 49.1 | + 6 43 | 9.0 | *10.2* | K5 | 1 | .. | 40333b |
| 76 | 3978 | 49.1 | + 5 53 | 8.9 | *10.1* | K5 | 1 | .. | 40333b |
| 77 | 3593 | 49.1 | − 1 24 | 9.7 | *10.3* | Go | 3 | .. | 38111b |
| 78 | 4618 | 49.1 | − 4 0 | 9.9 | *9.9* | B9 | 1 | .. | 38111b |
| 79 | 4617 | 49.1 | − 4 43 | 9.4 | *10.0* | Go | 4 | .. | 38111b |
| 80 | 4802 | 49.1 | − 5 30 | 8.9 | *8.9* | B8 | 5 | .. | 38111b |
| 81 | 4953 | 49.1 | − 6 5 | 8.1 | *8.9* | G5 | 8 | .. | 38111b |
| 82 | 4758 | 49.1 | − 8 17 | 11.0 | *11.0* | Ao | 1 | .. | 17034b |
| 83 | 4892 | 49.1 | − 9 39 | 9.9 | *9.9* | B9 | 2 | .. | 38080b |
| 84 | 4859 | 49.1 | −10 4 | 9.46 | *9.42* | B9 | 3 | .. | 38080b |
| 85 | 5146 | 49.1 | −13 35 | 9.4 | *10.5* | K2 | 1 | .. | 38080b |
| 86 | 5222 | 49.1 | −14 28 | 8.7 | *9.0* | F2 | 3 | .. | 38080b |
| 87 | 5146 | 49.1 | −15 21 | 9.1 | *9.9* | G5 | 3 | .. | 38080b |
| 88 | 5074 | 49.1 | −16 39 | var. | var. | Mb | 4 | R | 38080b |
| 89 | 5328 | 49.1 | −20 25 | 8.9 | 9.2 | K2 | 4 | .. | 38105b |
| 90 | 4915 | 49.1 | −22 47 | 5.04 | 6.4 | Ko | .. | 0,7 R | 28,213 |
| 91 | 13595 | 49.1 | −26 25 | 2.14 | *1.97* | B3 | .. | R | 28,213 |
| 92 | 15152 | 49.1 | −28 40 | 8.7 | 9.3 | F5 | 5 | .. | 40632b |
| 93 | 15509 | 49.1 | −29 20 | 6.92 | 8.1 | G5 | 8 | .. | 40632b |
| 94 | 14673 | 49.1 | −32 23 | Neb. | Neb. | Pd | 1 | R | M |
| 95 | 13135 | 49.1 | −36 42 | 8.6 | 10.2 | K5 | 1 | .. | 40737b |
| 96 | 12799 | 49.1 | −48 12 | 7.6 | 9.4 | K2 | 4 | .. | 41441b |
| 97 | 593 | 49.1 | −84 57 | *9.3* | 9.3 | Ao | 4 | .. | 14161b |
| 98 | 1026 | 49.2 | +68 28 | 8.7 | *9.2* | F8 | 2 | .. | 37907i |
| 99 | 1300 | 49.2 | +65 23 | 8.8 | *9.3* | F8 | 2 | .. | 37907i |
| 100 | 2150 | 49.2 | +56 11 | 8.5 | *9.9* | Ma | 1 | .. | 38518i |



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1922AnHar..97....1C



175200 — 18h 49m.2

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 2783 | 49.2 | +45 7 | 8.72 | *9.00* | Fo | 3 | .. | 37348i |
| 2 | *3168* | 49.2 | +42 1 | 8.1 | *9.2* | K2 | 2 | .. | 37997i |
| 3 | 3389 | 49.2 | +35 54 | 9.3 | *10.7* | Ma | .. | .. | M |
| 4 | 3654 | 49.2 | +25 15 | 7.61 | *8.39* | G5 | 4 | .. | 37848i |
| 5 | 3888 | 49.2 | + 8 50 | 9.2 | *10.0* | G5 | 2 | .. | 40333b |
| 6 | 3594 | 49.2 | − 1 10 | 8.9 | *9.7* | G5 | 4 | .. | 38111b |
| 7 | 4407 | 49.2 | − 3 29 | 9.9 | *10.0* | A2 | 2 | .. | 38111b |
| 8 | 4619 | 49.2 | − 4 47 | 9.4 | *9.9* | F8 | 2 | .. | 38111b |
| 9 | 4620 | 49.2 | − 4 51 | 9.75 | *10.25* | F8 | 2 | .. | 38111b |
| 10 | 4803 | 49.2 | − 5 26 | 10.6 | *10.6* | Ao | 2 | .. | 38111b |
| 11 | 4804 | 49.2 | − 5 52 | 9.7 | *10.8* | K2 | 2 | .. | 38111b |
| 12 | 4894 | 49.2 | − 9 52 | 9.9 | *10.9* | Ko | 1 | .. | 38080b |
| 13 | 5222 | 49.2 | −19 46 | 8.3 | 8.8 | Ko | 7 | .. | 23765b |
| 14 | 14833 | 49.2 | −23 48 | 10.9 | 9.7 | Ao | 2 | .. | 23765b |
| 15 | 14831 | 49.2 | −24 24 | 10.4 | 10.5 | G | 1 | .. | 23765b |
| 16 | 12931 | 49.2 | −40 5 | 9.0 | 9.1 | Fo | 6 | .. | 38141b |
| 17 | 12930 | 49.2 | −40 45 | 10.3 | 10.6 | Ko | 1 | .. | 38141b |
| 18 | 13230 | 49.2 | −41 28 | 8.9 | 9.7 | Ko | 3 | .. | 38141b |
| 19 | 13761 | 49.2 | −42 50 | 5.42 | 6.7 | Ko | .. | .. | 56,143 |
| 20 | 12864 | 49.2 | −45 58 | 9.3 | 9.9 | F5 | 2 | .. | 38141b |
| 21 | 12800 | 49.2 | −48 41 | 9.7 | 10.6 | Ko | 2 | .. | 41441b |
| 22 | *12226* | 49.2 | −49 58 | 8.64 | 10.0 | K5 | 3 | 0,2 | 39661b |
| 23 | 8922 | 49.2 | −55 28 | *9.8* | 9.8 | Ao | 4 | .. | 39661b |
| 24 | 9037 | 49.2 | −56 6 | 8.7 | 10.1 | K5 | 3 | .. | 39661b |
| 25 | 2294 | 49.3 | +52 50 | 5.62 | *6.40* | G5 | .. | 5,8 | 56,96 |
| 26 | 3107 | 49.3 | +43 35 | 7.48 | *7.90* | F5 | 5 | .. | 37348i |
| 27 | 3568 | 49.3 | +24 9 | 8.4 | *8.4* | A | 3 | .. | 37848i |
| 28 | 3716 | 49.3 | + 2 51 | 8.4 | *8.4* | Ao | 6 | .. | 40333b |
| 29 | 3588 | 49.3 | − 0 11 | 9.7 | *9.8* | A2 | 3 | .. | 38111b |
| 30 | 4956 | 49.3 | − 6 12 | 10.1 | *10.7* | Go | 1 | .. | 38111b |
| 31 | 4760 | 49.3 | − 8 20 | 10.6 | *11.1* | F8 | 1 | .. | 17034b |
| 32 | 4895 | 49.3 | − 9 35 | 9.7 | *10.7* | Ko | 2 | .. | 38080b |
| 33 | 4862 | 49.3 | −10 51 | 9.4 | *10.5* | K2 | 2 | .. | 38080b |
| 34 | 5147 | 49.3 | −15 9 | 10.1 | *11.1* | Ko | 1 | .. | 38080b |
| 35 | 5329 | 49.3 | −20 23 | 8.1 | 8.2 | Ao | 3 | *1,8* | 10085b |
| 36 | 13365 | 49.3 | −27 39 | 10.7 | 9.6 | G5 | 2 | .. | 40632b |
| 37 | 12969 | 49.3 | −43 28 | 9.3 | 9.9 | Go | 3 | .. | 38141b |
| 38 | 12982 | 49.3 | −44 8 | 10.6 | 10.5 | Ao | 1 | .. | 38141b |
| 39 | 12983 | 49.3 | −44 53 | 9.9 | 9.9 | Ao | 3 | .. | 38141b |
| 40 | 12418 | 49.3 | −49 15 | 8.7 | 9.4 | F8 | 4 | .. | 39661b |
| 41 | 2325 | 49.3 | −72 46 | *8.8* | 9.8 | Ko | 2 | .. | 42526b |
| 42 | 1912 | 49.4 | +57 59 | 9.0 | *10.1* | K2 | 2 | .. | 38518i |
| 43 | 3612 | 49.4 | +15 8 | 8.29 | *8.29* | Ao | 2 | .. | 37202i |
| 44 | 3886 | 49.4 | + 7 56 | 9.1 | *10.1* | Ko | 2 | .. | 40333b |
| 45 | 3885 | 49.4 | + 7 36 | 9.2 | *9.2* | Ao | 3 | .. | 40333b |
| 46 | 3589 | 49.4 | − 0 30 | 9.7 | *10.9* | K5 | 2 | .. | 38111b |
| 47 | .. | 49.4 | − 1 17 | .. | .. | A2 | 1 | .. | 38111b |
| 48 | 3595 | 49.4 | − 1 26 | 9.0 | *9.5* | F8 | 4 | .. | 38111b |
| 49 | 4896 | 49.4 | − 9 7 | 9.1 | *9.1* | B8 | 5 | .. | 17034b |
| 50 | 4863 | 49.4 | −10 38 | 6.85 | *6.83* | B9 | 9 | .. | 38080b |
| 51 | 5148 | 49.4 | −13 2 | 9.2 | *10.0* | G5 | 1 | .. | 38080b |
| 52 | 5130 | 49.4 | −18 24 | 10.1 | *10.5* | F5 | 2 | .. | 38063b |
| 53 | 5226 | 49.4 | −19 6 | 9.4 | 8.2 | B9 | 7 | .. | 23765b |
| 54 | 5224 | 49.4 | −19 35 | 10.6 | 9.2 | Ao | 4 | .. | 23765b |
| 55 | 5223 | 49.4 | −19 55 | 10.3 | 9.1 | B9 | 5 | .. | 23765b |
| 56 | 5330 | 49.4 | −20 10 | 10.1 | 10.0 | Go | 2 | .. | 23765b |
| 57 | *5183* | 49.4 | −20 58 | 9.1 | 8.5 | Ao | 4 | .. | 38105b |
| 58 | 14837 | 49.4 | −23 37 | 10.7 | 10.9 | G5 | 1 | .. | 23765b |
| 59 | 13540 | 49.4 | −25 9 | 8.9 | 10.2 | K2 | 1 | .. | 40632b |
| 60 | 13724 | 49.4 | −33 23 | 7.4 | 8.1 | G5 | 6 | .. | 39273b |
| 61 | 12978 | 49.4 | −37 0 | 9.3 | 9.7 | Fo | 2 | .. | 40737b |
| 62 | 12933 | 49.4 | −40 7 | 10.8 | 8.5 | A2 | 6 | .. | 38141b |
| 63 | 12934 | 49.4 | −40 42 | 7.9 | 9.1 | K5 | 5 | .. | 38141b |
| 64 | 9395 | 49.4 | −53 25 | 8.1 | 8.9 | G5 | 7 | .. | 39661b |
| 65 | 9039 | 49.4 | −56 15 | 8.4 | 9.0 | G5 | 5 | .. | 40463b |
| 66 | 2153 | 49.5 | +56 23 | 9.0 | *9.1* | A2 | 1 | .. | 38518i |
| 67 | 3245 | 49.5 | +33 5 | 9.0 | *9.0* | Ao | 2 | .. | 37845i |
| 68 | .. | 49.5 | +29 6 | Nov. | Nov. | Pec. | .. | R | M |
| 69 | 3890 | 49.5 | + 8 25 | 8.5 | *9.5* | Ko | 1 | .. | 38537i |
| 70 | 3979 | 49.5 | + 5 52 | 9.7 | *10.7* | K | 1 | .. | 40333b |
| 71 | 3980 | 49.5 | + 5 48 | 9.1 | *9.7* | Go | 3 | .. | 40333b |
| 72 | 3814 | 49.5 | + 1 47 | 7.6 | *8.0* | F5 | 4 | .. | 38022i |
| 73 | 3590 | 49.5 | − 0 51 | 9.0 | *9.0* | B9 | 6 | .. | 38111b |
| 74 | 4409 | 49.5 | − 3 45 | 9.9 | *9.9* | Ao | 3 | .. | 38111b |
| 75 | 4622 | 49.5 | − 4 11 | 9.7 | *9.8* | A2 | 2 | .. | 38111b |
| 76 | 5224 | 49.5 | −14 37 | 9.2 | *9.8* | Go | 2 | .. | 38080b |
| 77 | 5149 | 49.5 | −15 52 | 8.3 | *8.3* | B8 | 6 | .. | 38080b |
| 78 | 5375 | 49.5 | −17 45 | 9.4 | *9.4* | B8 | 4 | .. | 38080b |
| 79 | 5225 | 49.5 | −19 26 | 10.1 | 9.2 | Ao | 4 | .. | 23765b |
| 80 | 5184 | 49.5 | −21 2 | 9.1 | 9.1 | Ao | 3 | .. | 38105b |
| 81 | 4917 | 49.5 | −22 24 | 9.9 | 9.7 | Go | 2 | .. | 38105b |
| 82 | 8924 | 49.5 | −55 36 | 8.0 | 8.6 | A5 | 6 | .. | 40463b |
| 83 | 3968 | 49.5 | −64 45 | *9.6* | 9.6 | Ao | 2 | .. | 42464b |
| 84 | 1291 | 49.5 | −76 32 | *9.1* | 9.7 | G | 4 | .. | 42793b |
| 85 | *1333* | 49.5 | −76 59 | *9.0* | 9.8 | G5 | 4 | .. | 42793b |
| 86 | 682 | 49.6 | +75 19 | 5.37 | *5.37* | Ao | .. | 0,10 | 56,96 |
| 87 | 1783 | 49.6 | +61 52 | 8.5 | *8.6* | A2 | 4 | .. | 38518i |
| 88 | *2155* | 49.6 | +57 1 | 8.7 | *8.8* | A2 | 3 | .. | 38518i |
| 89 | *3008* | 49.6 | +45 1 | 9.17 | *9.73* | G | 1 | .. | 37348i |
| 90 | 3267 | 49.6 | +37 12 | 7.9 | *8.3* | F5 | 2 | .. | 37845i |
| 91 | 3246 | 49.6 | +33 21 | 8.4 | *9.4* | K | 1 | .. | 37845i |
| 92 | 3699 | 49.6 | +14 53 | 7.36 | *7.70* | F2 | 5 | .. | 37202i |
| 93 | 3720 | 49.6 | +10 41 | 6.83 | *7.90* | K2 | 5 | 0,3 | 38537i |
| 94 | 3815 | 49.6 | + 1 46 | 7.6 | *8.6* | Ko | 2 | .. | 38022i |
| 95 | 4624 | 49.6 | − 4 38 | 9.7 | *9.8* | A5 | 4 | .. | 38111b |
| 96 | 4865 | 49.6 | −10 38 | 10.6 | *11.4* | G5 | 1 | .. | 38080b |
| 97 | 5225 | 49.6 | −14 49 | 7.21 | *7.55* | F2 | 7 | .. | 38080b |
| 98 | 5229 | 49.6 | −19 5 | 10.6 | 9.8 | Ao | 3 | .. | 23765b |
| 99 | 5227 | 49.6 | −19 39 | 9.9 | 9.1 | A2 | 5 | .. | 23765b |
| 100 | 13598 | 49.6 | −26 3 | 9.5 | 9.7 | G5 | 1 | .. | 40632b |



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1922AnHar..97....1C



## 175300 — $18^h\,49^m.6$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 13231 | 49.6 | −34 27 | 8.9 | 9.3 | A5 | 4 | .. | 39273b |
| 2 | 13140 | 49.6 | −36 30 | 8.3 | 9.7 | K5 | 2 | .. | 40737b |
| 3 | 12623 | 49.6 | −47 42 | 8.4 | 9.6 | K5 | 3 | .. | 41441b |
| 4 | 1293 | 49.6 | −76 15 | *8.0* | 9.1 | K2 | 4 | .. | 19008b |
| 5 | 792 | 49.7 | +74 37 | 7.27 | *7.83* | Go | 5 | .. | 38044i |
| 6 | 1925 | 49.7 | +59 16 | 4.78 | *5.78* | Ko | .. | R | **56**,96 |
| 7 | 2295 | 49.7 | +52 57 | 7.8 | *7.9* | A2 | 4 | .. | 37884i |
| 8 | 2444 | 49.7 | +51 12 | 8.7 | *9.3* | Go | 1 | .. | 37884i |
| 9 | 3721 | 49.7 | +10 30 | 7.9 | *9.3* | Mb | 5 | 0,3 | 39461b |
| 10 | 3890 | 49.7 | + 7 53 | 9.7 | *10.8* | K2 | 1 | .. | 39461b |
| 11 | 3974 | 49.7 | + 6 23 | 8.7 | *9.9* | K5 | 2 | .. | 40333b |
| 12 | 3832 | 49.7 | + 3 21 | 8.5 | *9.6* | K2 | 3 | .. | 40333b |
| 13 | .. | 49.7 | − 5 58 | .. | .. | B9 | 2 | .. | 38111b |
| 14 | 4761 | 49.7 | − 8 56 | 8.7 | *9.8* | K2 | 4 | .. | 17034b |
| 15 | 4901 | 49.7 | − 9 0 | 9.9 | *11.1* | K5 | 2 | .. | 17034b |
| 16 | 4867 | 49.7 | −10 33 | 9.1 | *10.1* | Ko | 2 | .. | 38080b |
| 17 | 5078 | 49.7 | −16 30 | 5.58 | *6.00* | F5 | .. | 0,6 | **56**,96 |
| 18 | 5228 | 49.7 | −19 45 | 10.1 | 10.3 | G5 | 2 | .. | 23765b |
| 19 | 5186 | 49.7 | −21 1 | 10.3 | 10.0 | Ao | 2 | .. | 38105b |
| 20 | 13373 | 49.7 | −27 8 | 9.5 | 10.5 | K5 | 1 | .. | 40632b |
| 21 | 15164 | 49.7 | −28 15 | 7.86 | 8.1 | Fo | 7 | .. | 40632b |
| 22 | 13727 | 49.7 | −33 24 | 7.5 | 7.9 | Go | 6 | .. | 39273b |
| 23 | 13143 | 49.7 | −36 0 | 9.5 | 8.7 | B9 | 5 | .. | 40737b |
| 24 | 13768 | 49.7 | −42 53 | 10.1 | 10.6 | A | 1 | .. | 38141b |
| 25 | 12713 | 49.7 | −46 43 | 9.7 | 9.9 | F5 | 3 | .. | 38141b |
| 26 | 12624 | 49.7 | −47 31 | 7.6 | 8.5 | K2 | 7 | .. | 41441b |
| 27 | 9178 | 49.7 | −54 22 | *9.6* | 10.4 | G5 | 1 | .. | 39661b |
| 28 | 9273 | 49.7 | −57 23 | 8.9 | 9.6 | A5 | 1 | .. | 40463b |
| 29 | 7213 | 49.7 | −60 20 | 5.14 | 7.2 | Ko | .. | 0,9 R | **56**,143 |
| 30 | 1853 | 49.8 | +60 17 | 9.3 | *10.1* | G5 | 2 | .. | 38518i |
| 31 | 3336 | 49.8 | +38 48 | 7.68 | *7.66* | B9 | 3 | .. | 37845i |
| 32 | 3346 | 49.8 | +34 30 | 7.9 | *8.9* | Ko | 2 | .. | 37845i |
| 33 | 3384 | 49.8 | +29 31 | 8.4 | *8.4* | A | 1 | E | 37845i |
| 34 | 3807 | 49.8 | +13 16 | 7.01 | *6.99* | B9 | 7 | .. | 37202i |
| 35 | 3656 | 49.8 | +11 21 | 8.9 | *10.0* | K2 | 2 | .. | 40333b |
| 36 | 3919 | 49.8 | + 9 34 | 7.42 | *8.42* | Ko | 4 | .. | 38537i |
| 37 | *4051* | 49.8 | + 1 0 | 7.64 | *8.06* | F5 | 4 | .. | 38022i |
| 38 | 4763 | 49.8 | − 8 43 | 9.4 | *9.4* | B9 | 3 | .. | 17034b |
| 39 | 5226 | 49.8 | −14 21 | 10.3 | *10.3* | Ao | 2 | .. | 38080b |
| 40 | 5378 | 49.8 | −17 53 | 8.9 | *8.9* | B8 | 4 | .. | 38080b |
| 41 | 5131 | 49.8 | −18 31 | 9.9 | *10.0* | A2 | 4 | .. | 23765b |
| 42 | 5231 | 49.8 | −19 21 | 10.3 | 10.6 | Ko | 2 | .. | 23765b |
| 43 | 5333 | 49.8 | −20 8 | 7.78 | 7.9 | A5 | 3 | 0,8 | 10085b |
| 44 | 14839 | 49.8 | −24 54 | 9.55 | 9.6 | G5 | 3 | .. | 23765b |
| 45 | 13542 | 49.8 | −25 10 | 7.40 | 8.1 | Go | 9 | .. | 40632b |
| 46 | 15524 | 49.8 | −29 36 | 7.14 | 7.7 | A2 | 9 | .. | 40632b |
| 47 | 13233 | 49.8 | −34 26 | 8.9 | 9.3 | Go | 4 | .. | 39273b |
| 48 | 13005 | 49.8 | −39 38 | 7.9 | 8.5 | Go | 6 | .. | 40737b |
| 49 | 12979 | 49.8 | −43 8 | 9.9 | 10.2 | F5 | 1 | .. | 38141b |
| 50 | 2595 | 49.8 | −70 41 | *8.6* | 9.0 | F5 | 3 | .. | 41442b |
| 51 | 1098 | 49.9 | +67 5 | 9.0 | *10.1* | K2 | 1 | .. | 37907i |
| 52 | 2122 | 49.9 | +55 18 | 8.1 | *8.1* | Ao | 5 | .. | 38518i |
| 53 | .. | 49.9 | +32 54 | Neb. | Neb. | Pb | .. | R | **76**,23 |
| 54 | 3658 | 49.9 | +11 56 | 8.4 | *9.5* | K2 | 1 | .. | 38537i |
| 55 | 3892 | 49.9 | + 7 59 | 8.7 | *8.8* | A2 | 4 | .. | 39461b |
| 56 | 4782 | 49.9 | − 2 0 | 9.1 | *9.7* | Go | 4 | .. | 38111b |
| 57 | 4959 | 49.9 | − 6 17 | 9.9 | *9.9* | Ao | 3 | .. | 38111b |
| 58 | 4765 | 49.9 | − 7 19 | 9.9 | *9.9* | B9 | 3 | .. | 17034b |
| 59 | 5152 | 49.9 | −13 3 | 9.9 | *10.9* | Ko | 1 | .. | 38080b |
| 60 | 14844 | 49.9 | −23 18 | 5.89 | *5.84* | B8 | .. | 3,7 | **28**,214 |
| 61 | 14843 | 49.9 | −23 52 | 8.9 | 8.8 | F8 | 6 | .. | 23765b |
| 62 | 12982 | 49.9 | −37 28 | 5.41 | *5.29* | B5 | .. | .. | **28**,214 |
| 63 | 13217 | 49.9 | −38 50 | 8.3 | 8.5 | B9 | 6 | .. | 40737b |
| 64 | 12981 | 49.9 | −43 12 | 9.3 | 9.9 | Ko | 1 | .. | 38141b |
| 65 | 12423 | 49.9 | −49 9 | 9.5 | 10.0 | F8 | 3 | .. | 39661b |
| 66 | 11841 | 49.9 | −51 50 | 10.3 | 10.9 | Ko | 1 | .. | 39661b |
| 67 | *11305* | 49.9 | −51 58 | *10.5* | 10.6 | A5 | 3 | .. | 39661b |
| 68 | 864 | 50.0 | +72 51 | 9.0 | *10.1* | K2 | 1 | .. | 38029i |
| 69 | 2447 | 50.0 | +51 56 | 8.3 | *8.6* | F2 | 2 | .. | 37884i |
| 70 | 3111 | 50.0 | +43 35 | 7.40 | *8.40* | Ko | 4 | .. | 37348i |
| 71 | 3271 | 50.0 | +37 21 | 8.2 | *8.2* | A | 2 | .. | 37845i |
| 72 | 3893 | 50.0 | + 7 49 | 8.5 | *9.5* | Ko | 1 | .. | 39461b |
| 73 | 3894 | 50.0 | + 7 16 | 8.4 | *8.5* | A2 | 5 | .. | 39461b |
| 74 | 3592 | 50.0 | − 0 50 | 9.4 | *9.4* | B9 | 4 | .. | 38111b |
| 75 | 4412 | 50.0 | − 3 42 | 10.3 | *10.3* | Ao | 1 | .. | 38111b |
| 76 | 4807 | 50.0 | − 5 16 | 8.1 | *9.2* | K2 | 6 | .. | 38111b |
| 77 | 4764 | 50.0 | − 8 19 | var. | var. | Nb | 1 | R | 17034b |
| 78 | 4870 | 50.0 | −10 5 | 8.86 | *10.04* | K5 | 2 | .. | 38080b |
| 79 | 5209 | 50.0 | −12 28 | 10.1 | *10.1* | Ao | 1 | .. | 38080b |
| 80 | 5154 | 50.0 | −13 11 | 8.9 | *9.5* | Go | 3 | .. | 38080b |
| 81 | 5151 | 50.0 | −15 25 | 9.9 | *10.9* | Ko | 1 | .. | 38080b |
| 82 | 5083 | 50.0 | −16 28 | 7.08 | *7.50* | F5 | 3 | 3,7 | 10085b |
| 83 | 5133 | 50.0 | −18 3 | 8.7 | *9.8* | K2 | 3 | .. | 38080b |
| 84 | 5132 | 50.0 | −18 39 | 8.14 | *8.42* | Fo | 7 | .. | 23765b |
| 85 | 5232 | 50.0 | −19 9 | 10.1 | 9.5 | Ao | 3 | .. | 23765b |
| 86 | 14846 | 50.0 | −23 3 | 10.7 | 10.6 | Ao | 2 | .. | 23765b |
| 87 | 13544 | 50.0 | −25 3 | 9.10 | 9.3 | A5 | 4 | .. | 40632b |
| 88 | *13374* | 50.0 | −26 59 | 9.5 | 10.8 | K5 | 1 | .. | 40632b |
| 89 | 15525 | 50.0 | −29 49 | 9.08 | 9.3 | G5 | 3 | .. | 40632b |
| 90 | 16152 | 50.0 | −31 49 | 6.60 | 8.1 | G5 | 8 | .. | 39273b |
| 91 | 13731 | 50.0 | −33 34 | 8.9 | 9.9 | K5 | 1 | .. | 39273b |
| 92 | 13243 | 50.0 | −34 51 | 10.6 | 10.1 | F5 | 2 | .. | 39273b |
| 93 | 13151 | 50.0 | −36 30 | 9.3 | 9.9 | A2 | 2 | .. | 40737b |
| 94 | *13218* | 50.0 | −37 59 | 7.9 | 8.8 | A2 | 5 | .. | 40737b |
| 95 | 12990 | 50.0 | −44 2 | 6.53 | 6.6 | Ao | 9 | .. | 41842b |
| 96 | 12991 | 50.0 | −44 26 | 7.7 | 8.4 | G5 | 6 | .. | 38141b |
| 97 | 12989 | 50.0 | −44 58 | 8.9 | 10.4 | K2 | 1 | .. | 38141b |
| 98 | 12425 | 50.0 | −49 49 | 9.9 | 10.3 | G5 | 3 | .. | 39661b |
| 99 | 12236 | 50.0 | −50 52 | 10.3 | 10.6 | F8 | 2 | .. | 39661b |
| 100 | 9182 | 50.0 | −54 30 | *10.3* | 10.4 | A3 | 2 | .. | 39661b |



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1922AnHar..97....1C



## 175400 — $18^h\,50^m.0$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3404 | 50.0 | −66 47 | 6.06 | 7.5 | Ko | .. | 0,10 | 28,214 |
| 2 | 595 | 50.0 | −84 23 | *9.5* | 9.6 | A2 | 3 | .. | 14161b |
| 3 | 1854 | 50.1 | +60 47 | 9.3 | *9.6* | Fo | 2 | .. | 38518i |
| 4 | 3512 | 50.1 | +40 52 | 6.62 | *7.97* | Mb | 4 | 0,4 | 38520i |
| 5 | 3982 | 50.1 | +20 14 | 7.05 | *7.83* | G5 | 2 | .. | 37848i |
| 6 | 3923 | 50.1 | + 9 7 | 8.4 | *8.5* | A5 | 4 | .. | 38537i |
| 7 | 3599 | 50.1 | − 1 42 | 9.7 | *10.1* | F5 | 3 | .. | 38111b |
| 8 | 4960 | 50.1 | − 6 30 | 10.6 | *10.7* | A2 | 2 | .. | 38111b |
| 9 | 4766 | 50.1 | − 7 10 | 9.4 | *10.4* | Ko | 1 | .. | 17034b |
| 10 | 4904 | 50.1 | − 9 46 | 10.8 | *10.9* | A3 | 1 | .. | 38080b |
| 11 | 4812 | 50.1 | −11 0 | 9.9 | *9.9* | B8 | 2 | .. | 38080b |
| 12 | 5382 | 50.1 | −17 21 | 9.4 | *9.4* | Ao | 2 | .. | 38080b |
| 13 | 5381 | 50.1 | −17 42 | 8.6 | *8.6* | Ao | 6 | .. | 38080b |
| 14 | 13608 | 50.1 | −26 15 | 9.2 | 9.3 | F2 | 3 | .. | 40632b |
| 15 | 13605 | 50.1 | −26 49 | 9.0 | 9.9 | Go | 2 | .. | 40632b |
| 16 | 15528 | 50.1 | −29 41 | 10.4 | 10.6 | Mc | .. | .. | M |
| 17 | 16155 | 50.1 | −31 1 | 8.7 | 9.6 | G5 | 3 | .. | 40632b |
| 18 | 13734 | 50.1 | −33 29 | 9.3 | 9.7 | Go | 1 | .. | 39273b |
| 19 | 13033 | 50.1 | −35 25 | 8.9 | 10.1 | K5 | 2 | .. | 39273b |
| 20 | 12626 | 50.1 | −47 0 | 11.0 | 10.5 | A2 | 1 | .. | 38141b |
| 21 | 12426 | 50.1 | −49 48 | 10.3 | 10.6 | G5 | 1 | .. | 39661b |
| 22 | 286 | 50.1 | −87 35 | *9.7* | 10.5 | G5 | 2 | .. | 22980b |
| 23 | 865 | 50.2 | +72 19 | 8.1 | *9.1* | Ko | 3 | .. | 38029i |
| 24 | 2889 | 50.2 | +49 8 | 8.2 | *8.3* | A5 | 2 | E | 37348i |
| 25 | 3273 | 50.2 | +37 52 | 7.9 | *8.5* | Go | 3 | 0,2 | 38520i |
| 26 | 3307 | 50.2 | +36 51 | 5.51 | *5.34* | B3 | .. | 1,R | 810c |
| 27 | 3985 | 50.2 | +20 29 | 6.83 | *6.83* | Ao | 5 | R | 37848i |
| 28 | 3615 | 50.2 | +15 13 | 7.02 | *7.00* | B9 | 8 | .. | 37202i |
| 29 | 3896 | 50.2 | + 8 22 | 9.1 | *9.1* | Ao | 3 | .. | 39461b |
| 30 | 4767 | 50.2 | − 7 6 | 9.7 | *9.7* | Ao | 4 | .. | 17034b |
| 31 | 4906 | 50.2 | − 9 24 | 8.6 | *8.9* | F2 | 8 | .. | 17034b |
| 32 | 5228 | 50.2 | −14 57 | 7.91 | *8.25* | F2 | 5 | .. | 38080b |
| 33 | 14856 | 50.2 | −23 5 | 10.4 | 10.9 | Ko | 2 | .. | 23765b |
| 34 | 14855 | 50.2 | −23 24 | 10.4 | 9.2 | Ao | 3 | .. | 23765b |
| 35 | 13379 | 50.2 | −27 39 | 10.0 | 9.0 | Ao | 5 | .. | 40632b |
| 36 | *13735* | 50.2 | −32 58 | 9.9 | 9.7 | G5 | 2 | .. | 39273b |
| 37 | 13007 | 50.2 | −39 2 | 7.04 | 8.0 | Ko | 6 | .. | 40737b |
| 38 | 11845 | 50.2 | −51 34 | 11.6 | 10.9 | Fo | 1 | .. | 39661b |
| 39 | 8932 | 50.2 | −55 33 | 9.2 | 10.1 | Ko | 2 | .. | 39661b |
| 40 | 9278 | 50.2 | −57 2 | 8.7 | 9.8 | K5 | 1 | .. | 40463b |
| 41 | 1855 | 50.3 | +60 19 | 8.9 | *9.5* | Go | 3 | .. | 38518i |
| 42 | 3399 | 50.3 | +35 39 | 7.62 | *8.80* | K5 | 3 | .. | 37845i |
| 43 | 3150 | 50.3 | +27 47 | 5.82 | *6.89* | K2 | 8 | .. | 37848i |
| 44 | 3977 | 50.3 | + 6 58 | 9.1 | *9.5* | F5 | 3 | .. | 40333b |
| 45 | 4784 | 50.3 | − 2 26 | 8.1 | *8.1* | Ao | 9 | .. | 38111b |
| 46 | *4413* | 50.3 | − 2 57 | 8.9 | *9.9* | Ko | 2 | .. | 38111b |
| 47 | 4965 | 50.3 | − 6 6 | 10.3 | *10.3* | B9 | 2 | .. | 38111b |
| 48 | 4964 | 50.3 | − 6 47 | 8.7 | *9.9* | K5 | 5 | .. | 38111b |
| 49 | 4769 | 50.3 | − 7 41 | 10.1 | *10.1* | Ao | 3 | .. | 17034b |
| 50 | 4766 | 50.3 | − 8 20 | 9.9 | *10.7* | G5 | 4 | .. | 17034b |
| 51 | 4908 | 50.3 | − 9 39 | 10.3 | *10.3* | Ao | 2 | .. | 38080b |
| 52 | 5084 | 50.3 | −16 42 | 9.4 | *10.8* | Ma | 1 | .. | 38080b |
| 53 | 5134 | 50.3 | −18 50 | 6.63 | *7.41* | G5 | 4 | .. | 10085b |
| 54 | 5191 | 50.3 | −21 37 | 9.9 | 11.5 | K2 | 1 | .. | 38105b |
| 55 | 14845 | 50.3 | −24 0 | 9.7 | 9.9 | F5 | 3 | .. | 23765b |
| 56 | 13382 | 50.3 | −27 25 | 10.7 | 9.7 | Go | 2 | .. | 40632b |
| 57 | 15532 | 50.3 | −29 3 | 8.9 | 9.7 | Ko | 2 | .. | 40632b |
| 58 | 15531 | 50.3 | −29 32 | 9.5 | 9.3 | Ao | 3 | .. | 40632b |
| 59 | 14693 | 50.3 | −32 29 | 8.0 | 9.0 | G5 | 3 | .. | 39273b |
| 60 | 13736 | 50.3 | −33 15 | 8.9 | 8.2 | A3 | 7 | .. | 39273b |
| 61 | 12813 | 50.3 | −48 48 | 9.7 | 9.4 | Ao | 5 | .. | 39661b |
| 62 | 11846 | 50.3 | −51 17 | 8.3 | 9.4 | K2 | 4 | .. | 39661b |
| 63 | 9185 | 50.3 | −54 35 | *9.9* | 10.4 | F8 | 2 | .. | 39661b |
| 64 | 3608 | 50.3 | −67 47 | *8.9* | 9.0 | A3 | 2 | .. | 41442b |
| 65 | 2156 | 50.4 | +56 23 | 8.7 | *9.9* | K5 | 1 | .. | 38518i |
| 66 | 3184 | 50.4 | +42 45 | 6.86 | *7.93* | K2 | 5 | .. | 37348i |
| 67 | 3400 | 50.4 | +35 9 | 9.40 | *9.40* | Ao | 2 | .. | 37845i |
| 68 | 3836 | 50.4 | +19 43 | 7.50 | *7.50* | Ao | 3 | .. | 37848i |
| 69 | 3925 | 50.4 | + 9 6 | 9.1 | *9.1* | B9 | 4 | .. | 39461b |
| 70 | 3724 | 50.4 | + 2 59 | 8.5 | *9.3* | G5 | 3 | .. | 40333b |
| 71 | 4770 | 50.4 | − 7 23 | 10.8 | *10.8* | Ao | 3 | .. | 17034b |
| 72 | 4816 | 50.4 | −11 10 | 9.7 | *10.7* | Ko | 2 | .. | 38080b |
| 73 | 5156 | 50.4 | −13 6 | 9.1 | *9.9* | G5 | 1 | .. | 38080b |
| 74 | 5136 | 50.4 | −18 52 | 9.4 | *9.4* | Ao | 6 | .. | 23765b |
| 75 | R | 50.4 | −21 8 | *10.8* | 10.8 | A | 2 | .. | 38105b |
| 76 | 16448 | 50.4 | −30 9 | 8.9 | 9.6 | Go | 3 | .. | 40632b |
| 77 | 16160 | 50.4 | −31 5 | 9.5 | 10.2 | A2 | 2 | .. | 39273b |
| 78 | 13737 | 50.4 | −33 27 | 7.16 | 7.1 | B9 | 8 | .. | 39273b |
| 79 | 13156 | 50.4 | −36 52 | 8.6 | 9.6 | F8 | 3 | .. | 40737b |
| 80 | 13160 | 50.4 | −36 53 | 8.9 | 9.6 | F8 | 3 | .. | 40737b |
| 81 | 12945 | 50.4 | −40 22 | 9.3 | 9.5 | F2 | 3 | .. | 38141b |
| 82 | 13242 | 50.4 | −41 52 | 10.6 | 11.4 | Mb | .. | .. | M |
| 83 | 12993 | 50.4 | −44 58 | 10.3 | 10.5 | A2 | 1 | .. | 38141b |
| 84 | 12720 | 50.4 | −46 52 | 8.4 | 9.6 | Ma | 3 | .. | 38141b |
| 85 | 12427 | 50.4 | −49 52 | 10.3 | 11.2 | K2 | 1 | .. | 39661b |
| 86 | 12241 | 50.4 | −50 26 | 10.1 | 11.2 | Ko | 1 | .. | 39661b |
| 87 | 9186 | 50.4 | −54 24 | *9.4* | 10.4 | Ko | 2 | .. | 39661b |
| 88 | 1204 | 50.4 | −78 38 | *9.2* | 9.2 | Ao | 2 | .. | 42793b |
| 89 | 1655 | 50.5 | +62 32 | 8.8 | *10.2* | Ma | .. | .. | M |
| 90 | *3112* | 50.5 | +44 0 | 7.66 | *8.00* | F2 | 4 | .. | 37348i |
| 91 | 3276 | 50.5 | +37 15 | 7.7 | *8.3* | Go | 2 | .. | 37845i |
| 92 | 3524 | 50.5 | +22 32 | 4.56 | *5.12* | Go | .. | R | 38511i |
| 93 | | 50.5 | +22 32 | | | A3 | | | |
| 94 | 3594 | 50.5 | − 0 3 | 9.7 | *9.7* | Ao | 2 | .. | 38111b |
| 95 | 3600 | 50.5 | − 1 30 | 10.4 | *10.8* | F5 | 1 | .. | 38111b |
| 96 | 4810 | 50.5 | − 5 39 | 10.7 | *10.7* | B9 | 2 | .. | 38111b |
| 97 | 4768 | 50.5 | − 8 12 | 10.3 | *11.4* | K2 | 1 | .. | 17034b |
| 98 | 4767 | 50.5 | − 8 56 | 7.63 | *8.63* | Ko | 8 | .. | 17034b |
| 99 | 5137 | 50.5 | −18 55 | 10.1 | *10.1* | Ao | 3 | .. | 23765b |
| 100 | 5192 | 50.5 | −21 57 | 10.8 | 11.0 | A5 | 1 | .. | 38105b |



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1922AnHar..97....1C



## 175500

## $18^h\,50^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 14862 | 50.5 | −23 16 | 7.8 | 7.6 | F2 | 2 | 0,7 | 10085b |
| 2 | 14863 | 50.5 | −23 20 | 10.9 | 11.7 | A | 2 | .. | 23765b |
| 3 | 13742 | 50.5 | −33 0 | 10.3 | 9.9 | Ao | 1 | .. | 39273b |
| 4 | 13744 | 50.5 | −33 50 | 10.1 | 9.9 | A3 | 1 | .. | 39273b |
| 5 | 13773 | 50.5 | −42 14 | 9.5 | 9.4 | F8 | 3 | .. | 38141b |
| 6 | 12988 | 50.5 | −43 31 | 10.1 | 10.4 | A3 | 1 | .. | 38141b |
| 7 | 12884 | 50.5 | −45 37 | 10.6 | 10.5 | A2 | 1 | .. | 38141b |
| 8 | 12429 | 50.5 | −49 38 | 9.5 | 10.3 | K2 | 2 | .. | 39661b |
| 9 | 12243 | 50.5 | −50 34 | 9.2 | 10.9 | K2 | 1 | .. | 39661b |
| 10 | 9402 | 50.5 | −53 4 | 5.03 | *5.01* | B9 | .. | R | **28**,214 |
| 11 | 1926 | 50.6 | +59 33 | 6.68 | *6.66* | B9 | 7 | .. | 38518i |
| 12 | 3666 | 50.6 | +16 36 | 8.9 | *9.0* | A2 | 2 | .. | 37202i |
| 13 | 3927 | 50.6 | + 9 44 | 8.5 | *9.5* | Ko | 2 | .. | 39461b |
| 14 | 3928 | 50.6 | + 9 13 | 8.5 | *8.3* | Bo | 2 | .. | 39461b |
| 15 | 3978 | 50.6 | + 6 30 | 5.66 | *6.44* | G5 | 8 | .. | 38537i |
| 16 | 3909 | 50.6 | + 4 18 | 7.52 | *8.30* | G5 | 7 | .. | 40333b |
| 17 | 4414 | 50.6 | − 3 5 | 9.2 | *10.3* | K2 | 1 | .. | 38111b |
| 18 | 4811 | 50.6 | − 5 52 | 8.2 | *9.0* | G5 | 8 | .. | 38111b |
| 19 | 4966 | 50.6 | − 6 29 | 9.9 | *10.5* | Go | 4 | .. | 38111b |
| 20 | 4773 | 50.6 | − 7 9 | 10.3 | *10.3* | B9 | 3 | .. | 17034b |
| 21 | 4772 | 50.6 | − 7 18 | 10.1 | *10.7* | Go | 2 | .. | 17034b |
| 22 | 4770 | 50.6 | − 8 13 | 10.3 | *11.3* | Ko | 2 | .. | 17034b |
| 23 | 4909 | 50.6 | − 9 32 | 9.9 | *9.9* | B9 | 2 | .. | 38080b |
| 24 | 4921 | 50.6 | −22 14 | 10.6 | 10.6 | F5 | 1 | .. | 38105b |
| 25 | 14850 | 50.6 | −24 7 | 9.3 | 9.6 | A2 | 4 | .. | 23765b |
| 26 | 14849 | 50.6 | −24 45 | 7.44 | 8.5 | Ko | 5 | .. | 40632b |
| 27 | 13388 | 50.6 | −27 22 | 8.7 | 8.7 | Ao | 6 | .. | 40632b |
| 28 | 13251 | 50.6 | −34 50 | 10.1 | 10.1 | Ao | 3 | .. | 39273b |
| 29 | 13012 | 50.6 | −39 57 | 6.36 | 6.7 | A3 | 9 | .. | 40737b |
| 30 | 13246 | 50.6 | −41 49 | 8.6 | 9.1 | F8 | 4 | .. | 38141b |
| 31 | 12885 | 50.6 | −45 6 | 10.6 | 10.5 | Ko | 1 | .. | 38141b |
| 32 | 11848 | 50.6 | −51 30 | 9.9 | 10.6 | Go | 2 | .. | 39661b |
| 33 | 9404 | 50.6 | −53 24 | 8.6 | 9.6 | F8 | 5 | .. | 39661b |
| 34 | 6009 | 50.6 | −62 42 | *8.2* | 8.2 | Ao | 5 | .. | 42464b |
| 35 | 2686 | 50.7 | +50 35 | 4.97 | *5.75* | G5 | .. | 5,R | **56**,96 |
| 36 | *3173* | 50.7 | +42 2 | 8.7 | *8.8* | A2 | 3 | .. | 37348i |
| 37 | 3519 | 50.7 | +40 11 | 7.72 | *8.00* | Fo | 2 | .. | 38520i |
| 38 | 3315 | 50.7 | +36 36 | 7.8 | *7.8* | B9 | 5 | .. | 37845i |
| 39 | 3727 | 50.7 | +10 36 | 8.9 | *10.1* | K5 | 1 | .. | 40333b |
| 40 | 3930 | 50.7 | + 9 35 | 9.2 | *9.5* | Fo | 2 | .. | 39461b |
| 41 | 3911 | 50.7 | + 4 8 | 8.1 | *8.9* | G5 | 5 | .. | 40333b |
| 42 | 3835 | 50.7 | + 3 52 | 9.1 | *9.1* | Ao | 4 | .. | 40333b |
| 43 | 3836 | 50.7 | + 3 19 | 6.94 | *7.00* | A2 | 6 | .. | 38022i |
| 44 | 4055 | 50.7 | + 0 8 | 7.73 | *7.56* | B3 | 9 | .. | 13424b |
| 45 | 3595 | 50.7 | − 0 52 | 7.5 | *8.5* | Ko | 7 | .. | 38111b |
| 46 | 4632 | 50.7 | − 4 39 | 8.5 | *8.6* | A3 | 6 | .. | 38111b |
| 47 | 4631 | 50.7 | − 4 56 | 9.00 | *10.35* | Mb | 2 | .. | 38111b |
| 48 | 4771 | 50.7 | − 8 3 | 9.7 | *9.7* | B8 | 5 | .. | 17034b |
| 49 | 4872 | 50.7 | −10 9 | 10.6 | *10.6* | Ao | 1 | .. | 38080b |
| 50 | 5087 | 50.7 | −16 51 | 9.7 | *10.7* | Ko | 1 | .. | 38080b |
| 51 | 14866 | 50.7 | −23 23 | 9.0 | 8.1 | Ao | 7 | .. | 23765b |
| 52 | 13617 | 50.7 | −26 50 | 9.3 | 9.6 | F8 | 3 | .. | 40632b |
| 53 | 11307 | 50.7 | −52 39 | 9.2 | 9.8 | A3 | 3 | .. | 39661b |
| 54 | 9406 | 50.7 | −53 1 | 9.2 | 9.9 | Ko | 3 | .. | 39661b |
| 55 | 8935 | 50.7 | −55 1 | 8.7 | 9.6 | G5 | 5 | .. | 39661b |
| 56 | 1205 | 50.7 | −78 0 | *8.5* | 9.1 | Go | 5 | .. | 42793b |
| 57 | 3912 | 50.8 | + 4 51 | 9.2 | *9.8* | Go | 1 | .. | 40333b |
| 58 | 3837 | 50.8 | + 3 14 | 8.5 | *8.8* | Fo | 7 | .. | 40333b |
| 59 | 3596 | 50.8 | − 0 48 | 9.4 | *10.4* | Ko | 1 | .. | 38111b |
| 60 | 4634 | 50.8 | − 4 53 | 9.00 | *8.95* | B8 | 5 | .. | 38111b |
| 61 | 4874 | 50.8 | −10 3 | 11.0 | *11.0* | B9 | 1 | .. | 38080b |
| 62 | 4818 | 50.8 | −11 27 | 7.19 | *8.37* | K5 | 5 | .. | 38080b |
| 63 | 5237 | 50.8 | −19 46 | 8.8 | 10.1 | Ma | 3 | .. | 23765b |
| 64 | 5235 | 50.8 | −19 50 | 9.13 | 9.6 | B9 | 4 | .. | 23765b |
| 65 | 5236 | 50.8 | −19 57 | 8.88 | 8.7 | A3 | 5 | .. | 23765b |
| 66 | 14868 | 50.8 | −23 26 | 9.7 | 9.2 | A3 | 5 | .. | 23765b |
| 67 | 14854 | 50.8 | −24 29 | 9.5 | 9.3 | A2 | 5 | .. | 23765b |
| 68 | 15187 | 50.8 | −28 14 | 8.3 | 9.3 | Go | 3 | .. | 40632b |
| 69 | 13254 | 50.8 | −34 0 | 10.1 | 9.6 | F8 | 2 | .. | 39273b |
| 70 | 9407 | 50.8 | −53 43 | *10.0* | 10.4 | F5 | 1 | .. | 39661b |
| 71 | 7412 | 50.8 | −59 2 | 8.6 | 9.6 | Go | 2 | .. | 40463b |
| 72 | 3405 | 50.8 | −66 32 | *8.4* | 9.5 | K2 | 2 | .. | 41442b |
| 73 | 366 | 50.8 | −86 46 | *9.5* | 10.5 | K | 1 | .. | 22980b |
| 74 | 2713 | 50.9 | +47 6 | 8.3 | *9.3* | K | 2 | .. | 37348i |
| 75 | 2790 | 50.9 | +45 18 | 9.0 | *10.0* | Ko | 2 | .. | 37348i |
| 76 | 3174 | 50.9 | +41 6 | 7.30 | *7.72* | F5 | 5 | 0,5 | 38520i |
| 77 | 3250 | 50.9 | +32 57 | 9.2 | *10.6* | Ma | .. | .. | M |
| 78 | 3391 | 50.9 | +29 54 | 7.66 | *8.44* | G5 | 2 | .. | 37845i |
| 79 | 3813 | 50.9 | +13 5 | 6.88 | *6.88* | Ao | 8 | .. | 37202i |
| 80 | *3979* | 50.9 | + 7 3 | 6.76 | *7.54* | G5 | 6 | .. | 38537i |
| 81 | 4417 | 50.9 | − 3 18 | 9.7 | *9.7* | B9 | 3 | .. | 38111b |
| 82 | 4772 | 50.9 | − 8 37 | 9.9 | *10.0* | A2 | 2 | .. | 17034b |
| 83 | 5388 | 50.9 | −17 35 | 7.24 | *8.31* | K2 | 6 | .. | 38080b |
| 84 | 13752 | 50.9 | −33 38 | 9.7 | 9.3 | G5 | 3 | .. | 39273b |
| 85 | 13780 | 50.9 | −42 16 | 7.8 | 8.2 | Ko | 7 | .. | 38141b |
| 86 | 13778 | 50.9 | −42 28 | 9.3 | 10.0 | G5 | 3 | .. | 38141b |
| 87 | 4463 | 50.9 | −63 8 | *8.2* | 8.7 | F8 | 3 | .. | 42464b |
| 88 | 3319 | 51.0 | +36 47 | 4.52 | *5.87* | Mb | .. | 0,R | 810c |
| 89 | 3344 | 51.0 | +30 59 | 7.32 | *8.39* | K2 | 2 | .. | 37845i |
| 90 | 3497 | 51.0 | +23 5 | 8.4 | *9.6* | K5 | 1 | .. | 38511i |
| 91 | 3618 | 51.0 | +15 43 | 8.4 | *9.2* | G5 | 2 | .. | 37202i |
| 92 | 3709 | 51.0 | +14 15 | 6.54 | *6.88* | F2 | 7 | .. | 37202i |
| 93 | 3903 | 51.0 | + 8 41 | 10.4 | *10.4* | Ao | 2 | .. | 39461b |
| 94 | 3904 | 51.0 | + 8 39 | 8.4 | *9.4* | Ko | 2 | .. | 39461b |
| 95 | 3597 | 51.0 | − 0 42 | 8.9 | *9.0* | A3 | 5 | R | 38111b |
| 96 | 4969 | 51.0 | − 6 11 | 9.7 | *10.8* | K2 | 1 | .. | 38111b |
| 97 | 4773 | 51.0 | − 8 22 | 9.4 | *9.4* | Ao | 4 | .. | 17034b |
| 98 | 4911 | 51.0 | − 9 6 | 9.4 | *10.5* | K2 | 2 | .. | 17034b |
| 99 | 4876 | 51.0 | −10 39 | var. | var. | Mc | 2 | R | 38080b |
| 100 | 5389 | 51.0 | −17 23 | 8.9 | *9.2* | Fo | 4 | .. | 38080b |



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1922AnHar..97....1C



## 175600 — $18^h\,51^m.0$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | *14860* | 51.0 | −23 59 | 9.5 | 9.3 | A2 | 3 | .. | 23765b |
| 2 | 13557 | 51.0 | −25 36 | 8.1 | 9.3 | K5 | 3 | .. | 40632b |
| 3 | 14702 | 51.0 | −32 44 | 9.2 | 9.6 | A3 | 2 | .. | 39273b |
| 4 | 12250 | 51.0 | −50 53 | 9.7 | 10.8 | G5 | 4 | .. | 39661b |
| 5 | 11850 | 51.0 | −51 32 | 9.5 | 10.0 | Go | 3 | .. | 39661b |
| 6 | 11851 | 51.0 | −51 35 | 10.1 | 10.0 | F5 | 3 | .. | 39661b |
| 7 | 3406 | 51.0 | −66 19 | *8.5* | 9.3 | G5 | 3 | .. | 41442b |
| 8 | 2952 | 51.0 | −69 36 | *8.3* | 9.3 | Ko | 2 | .. | 41442b |
| 9 | 2326 | 51.0 | −72 0 | *9.0* | 9.0 | Ao | 4 | .. | 41442b |
| 10 | 1840 | 51.1 | +58 35 | 9.3 | *9.4* | A3 | 2 | .. | 38518i |
| 11 | 2786 | 51.1 | +48 4 | 8.7 | *8.8* | A3 | 2 | .. | 37348i |
| 12 | 3345 | 51.1 | +30 45 | 8.6 | *9.2* | Go | 2 | .. | 37845i |
| 13 | 3840 | 51.1 | +19 5 | 7.7 | *7.8* | A2 | 2 | .. | 38511i |
| 14 | 3981 | 51.1 | + 6 13 | 9.2 | *9.7* | F8 | 2 | .. | 40333b |
| 15 | 3599 | 51.1 | − 0 56 | 8.0 | *8.1* | A2 | 8 | .. | 38111b |
| 16 | 4788 | 51.1 | − 2 21 | 9.9 | *10.7* | G5 | 1 | .. | 38111b |
| 17 | 4636 | 51.1 | − 4 32 | 9.9 | *10.7* | G5 | 1 | .. | 38111b |
| 18 | 4813 | 51.1 | − 5 12 | 9.4 | *9.4* | Ao | 4 | .. | 38111b |
| 19 | *4970* | 51.1 | − 5 59 | 10.7 | *10.7* | B9 | 2 | .. | 38111b |
| 20 | 4971 | 51.1 | − 6 5 | 9.4 | *9.4* | B9 | 6 | .. | 38111b |
| 21 | 4912 | 51.1 | − 9 9 | 10.1 | *10.1* | Ao | 3 | .. | 17034b |
| 22 | 4820 | 51.1 | −11 34 | 8.9 | *8.9* | B9 | 5 | .. | 38080b |
| 23 | 5154 | 51.1 | −15 0 | 7.16 | *7.14* | B9 | 7 | .. | 38080b |
| 24 | 14875 | 51.1 | −23 54 | 9.3 | 11.2 | G5 | 2 | .. | 23765b |
| 25 | 16180 | 51.1 | −31 1 | 9.5 | 10.5 | Ko | 1 | .. | 39273b |
| 26 | 13233 | 51.1 | −38 18 | 7.79 | 8.0 | Go | 5 | .. | 40737b |
| 27 | 12950 | 51.1 | −40 12 | 9.3 | 9.4 | A5 | 3 | .. | 38141b |
| 28 | 12728 | 51.1 | −46 23 | 9.5 | 9.9 | Ko | 3 | .. | 38141b |
| 29 | *11852* | 51.1 | −50 59 | 8.6 | 9.4 | Go | 6 | .. | 39661b |
| 30 | 11853 | 51.1 | −51 27 | 9.5 | 10.3 | Ko | 3 | .. | 39661b |
| 31 | 1733 | 51.1 | −74 43 | *8.8* | 9.1 | F2 | 4 | .. | 42526b |
| 32 | 1841 | 51.2 | +58 50 | 9.3 | *10.5* | K5 | 1 | .. | 38518i |
| 33 | 2159 | 51.2 | +56 16 | 9.3 | *10.4* | K2 | 1 | .. | 38518i |
| 34 | 3256 | 51.2 | +33 52 | 7.80 | *7.80* | A | 7 | .. | 38501i |
| 35 | 3257 | 51.2 | +33 51 | 6.08 | *6.64* | Go | | | |
| 36 | 3897 | 51.2 | + 7 28 | 9.2 | *9.5* | Fo | 2 | .. | 40333b |
| 37 | *3983* | 51.2 | + 7 0 | 7.30 | *7.58* | Fo | 5 | .. | 38537i |
| 38 | 3916 | 51.2 | + 4 4 | 4.50 | *4.64* | A5 | .. | R | **56**,96 |
| 39 | 3917 | 51.2 | + 4 4 | 5.37 | *5.51* | A5 | .. | | |
| 40 | 3602 | 51.2 | − 1 56 | 6.20 | *6.20* | Ao | 7 | .. | 38492i |
| 41 | 4789 | 51.2 | − 2 37 | 10.1 | *11.3* | K5 | 1 | .. | 38111b |
| 42 | 4814 | 51.2 | − 5 53 | 10.3 | *11.4* | K2 | 1 | .. | 38111b |
| 43 | 4972 | 51.2 | − 6 1 | 10.1 | *10.4* | Fo | 4 | .. | 38111b |
| 44 | 5231 | 51.2 | −14 9 | 7.66 | *7.66* | Ao | 8 | .. | 38080b |
| 45 | 5239 | 51.2 | −19 33 | 10.1 | 10.1 | F5 | 2 | .. | 23765b |
| 46 | 5196 | 51.2 | −21 27 | 10.3 | 10.4 | B9 | 3 | .. | 38105b |
| 47 | *14878* | 51.2 | −22 59 | 10.4 | 10.6 | Ao | 3 | .. | 23765b |
| 48 | 14876 | 51.2 | −23 57 | 10.4 | 10.3 | Ao | 3 | .. | 23765b |
| 49 | 13173 | 51.2 | −36 26 | 10.1 | 10.2 | Ko | 2 | .. | 39273b |
| 50 | 12434 | 51.2 | −49 7 | 9.7 | 10.0 | G5 | 1 | .. | 41441b |
| 51 | *9194* | 51.2 | −53 58 | 8.7 | 9.5 | G5 | 5 | .. | 39661b |
| 52 | 7218 | 51.2 | −60 20 | 7.4 | 7.8 | F5 | .. | 0,6 R | **56**,143 |
| 53 | | 51.2 | −60 20 | | | A3 | | | |
| 54 | 3609 | 51.2 | −67 21 | *8.4* | 9.6 | K5 | 2 | .. | 41442b |
| 55 | 1296 | 51.2 | −76 47 | *9.5* | 10.3 | G5 | 2 | .. | 42793b |
| 56 | 1138 | 51.3 | +66 47 | 8.7 | *9.5* | G5 | 2 | .. | 37907i |
| 57 | 3012 | 51.3 | +44 12 | 9.0 | *9.1* | A2 | 2 | .. | 37348i |
| 58 | 3189 | 51.3 | +42 24 | 8.7 | *10.1* | Mb | 2 | .. | 37348i |
| 59 | 3734 | 51.3 | +10 41 | 10.4 | *10.4* | Ao | 2 | .. | 40333b |
| 60 | 4058 | 51.3 | + 0 18 | 10.4 | *10.4* | Ao | 2 | .. | 38111b |
| 61 | 3601 | 51.3 | − 0 54 | 10.4 | *10.4* | Ao | 2 | .. | 38111b |
| 62 | 4637 | 51.3 | − 4 25 | 10.3 | *11.1* | G5 | 1 | .. | 38111b |
| 63 | 4638 | 51.3 | − 4 43 | 9.9 | *9.9* | Ao | 3 | .. | 38111b |
| 64 | 4776 | 51.3 | − 8 34 | 7.6 | *7.6* | Ao | 9 | .. | 17034b |
| 65 | 4774 | 51.3 | − 8 41 | 8.5 | *8.5* | B9 | 7 | .. | 17034b |
| 66 | 49144 | 51.3 | − 9 17 | 10.1 | *10.1* | B9 | 3 | .. | 17034b |
| 67 | 14880 | 51.3 | −23 40 | 11.4 | 11.7 | A2 | 2 | .. | 23765b |
| 68 | 13402 | 51.3 | −27 11 | 9.0 | 10.4 | K2 | 1 | .. | 40632b |
| 69 | 13400 | 51.3 | −27 35 | 7.9 | 9.3 | K5 | 3 | .. | 40632b |
| 70 | 13020 | 51.3 | −39 5 | 8.6 | 8.5 | Ao | 4 | .. | 40737b |
| 71 | 13019 | 51.3 | −39 44 | 9.9 | 9.2 | A2 | 4 | .. | 40737b |
| 72 | 12895 | 51.3 | −45 2 | 11.0 | 10.5 | A3 | 1 | .. | 38141b |
| 73 | 12894 | 51.3 | −45 4 | 9.26 | 10.5 | K5 | 1 | .. | 38141b |
| 74 | 12816 | 51.3 | −48 38 | 6.54 | 7.9 | K5p | 7 | 5,8 R | 20542b |
| 75 | 7544 | 51.3 | −58 6 | 7.4 | 8.2 | Ko | 5 | .. | 40463b |
| 76 | 3348 | 51.4 | +30 39 | 8.2 | *9.0* | G5 | 1 | .. | 37845i |
| 77 | 3898 | 51.4 | + 7 48 | 8.0 | *8.0* | B9 | 3 | .. | 38537i |
| 78 | 3731 | 51.4 | + 2 30 | 9.7 | *9.8* | A5 | 2 | .. | 13424b |
| 79 | 3730 | 51.4 | + 2 21 | 6.28 | *7.28* | Ko | .. | 0,7 | **56**,96 |
| 80 | 3729 | 51.4 | + 2 9 | 9.7 | *9.8* | A5 | 1 | .. | 13424b |
| 81 | 4059 | 51.4 | + 0 50 | 8.5 | *8.9* | F5 | 6 | .. | 13424b |
| 82 | 4419 | 51.4 | − 3 15 | 9.9 | *9.9* | Ao | 3 | .. | 38111b |
| 83 | 4815 | 51.4 | − 5 19 | 9.9 | *10.2* | F2 | 2 | .. | 38111b |
| 84 | 4780 | 51.4 | − 7 5 | 8.5 | *9.6* | K2 | 4 | .. | 17034b |
| 85 | 5159 | 51.4 | −13 11 | 9.7 | *10.3* | G | 1 | .. | 38080b |
| 86 | 5338 | 51.4 | −20 24 | 9.4 | 10.7 | K2 | 3 | .. | 23765b |
| 87 | 5339 | 51.4 | −20 47 | 5.06 | *5.06* | Ao | .. | 1,8 R | **28**,214 |
| 88 | 4925 | 51.4 | −22 1 | 10.6 | 10.4 | A | 2 | .. | 38105b |
| 89 | 15557 | 51.4 | −29 49 | 9.2 | 10.2 | K2 | 1 | .. | 40632b |
| 90 | 13762 | 51.4 | −33 20 | 9.5 | 9.6 | Fo | 2 | .. | 39273b |
| 91 | 13053 | 51.4 | −35 15 | 9.3 | 10.5 | K2 | 1 | .. | 39273b |
| 92 | 13052 | 51.4 | −35 27 | 10.6 | 10.1 | Ao | 2 | .. | 39273b |
| 93 | 13054 | 51.4 | −35 53 | 8.6 | 9.6 | G5 | 3 | .. | 40737b |
| 94 | 13005 | 51.4 | −44 42 | 9.3 | 10.5 | K2 | 1 | .. | 38141b |
| 95 | 12817 | 51.4 | −48 6 | 9.5 | 10.3 | G5 | 2 | .. | 41441b |
| 96 | 12254 | 51.4 | −50 44 | 10.1 | 10.6 | Go | 2 | .. | 39661b |
| 97 | 7545 | 51.4 | −58 27 | 8.8 | 9.3 | A3 | 3 | .. | 39381b |
| 98 | 2794 | 51.5 | +45 15 | 8.7 | *9.5* | G5 | 3 | .. | 37348i |
| 99 | 3114 | 51.5 | +43 8 | 8.8 | *9.6* | G5 | 2 | .. | 37348i |
| 100 | 3253 | 51.5 | +32 28 | 7.48 | *8.04* | Go | 2 | .. | 37845i |



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1922AnHar..97....1C



## 175700 — $18^h\,51^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3254 | 51.5 | +32 16 | 7.7 | 7.7 | Ao | 6 | .. | 37845i |
| 2 | 3622 | 51.5 | +15 14 | 7.9 | 8.5 | Go | 7 | 2,3 | 5555m |
| 3 | 3918 | 51.5 | + 4 15 | 8.9 | 10.1 | K5 | 1 | .. | 40333b |
| 4 | 4792 | 51.5 | − 2 23 | 10.6 | 10.6 | A | 1 | .. | 38111b |
| 5 | 4640 | 51.5 | − 4 9 | 8.7 | 9.0 | Fo | 5 | .. | 38111b |
| 6 | 4816 | 51.5 | − 5 48 | 8.5 | 8.5 | Ao | 7 | .. | 38111b |
| 7 | 4781 | 51.5 | − 7 54 | 10.7 | 10.7 | Ao | 2 | .. | 17034b |
| 8 | 4780 | 51.5 | − 8 11 | 9.7 | 9.7 | B8 | 4 | .. | 17034b |
| 9 | 4878 | 51.5 | −10 52 | 9.4 | 10.4 | Ko | 1 | .. | 38080b |
| 10 | 5214 | 51.5 | −12 2 | 9.1 | 9.1 | B9 | 3 | .. | 38080b |
| 11 | 5240 | 51.5 | −19 35 | 10.6 | 10.3 | Fo | 2 | .. | 23765b |
| 12 | 14882 | 51.5 | −23 20 | 10.0 | 9.5 | Ao | 4 | .. | 23765b |
| 13 | 15202 | 51.5 | −28 3 | 10.2 | 10.4 | A2 | 1 | .. | 40632b |
| 14 | 12995 | 51.5 | −37 27 | 7.8 | 9.1 | K5 | 4 | .. | 40737b |
| 15 | 9196 | 51.5 | −54 6 | 10.3 | 10.4 | A5 | 2 | .. | 39661b |
| 16 | 3177 | 51.5 | −68 16 | 8.3 | 8.7 | F5 | 4 | .. | 41442b |
| 17 | 3255 | 51.6 | +32 31 | 7.6 | 8.2 | Go | 2 | .. | 37845i |
| 18 | 3663 | 51.6 | +25 33 | 7.8 | 7.8 | Ao | 5 | .. | 37848i |
| 19 | 3529 | 51.6 | +22 33 | 8.7 | 8.8 | A2 | 1 | .. | 38511i |
| 20 | 3672 | 51.6 | +16 38 | 9.0 | 9.0 | Ao | 3 | .. | 5555m |
| 21 | 3671 | 51.6 | +16 14 | 9.7 | 10.3 | G | 1 | .. | 5555m |
| 22 | 3623 | 51.6 | +15 58 | 10.0 | 10.6 | G | 1 | .. | 5555m |
| 23 | 3713 | 51.6 | +14 17 | 9.0 | 9.0 | Ao | 5 | .. | 5555m |
| 24 | 3932 | 51.6 | + 9 32 | 8.9 | 9.9 | Ko | 2 | .. | 39461b |
| 25 | 3910 | 51.6 | + 9 2 | 9.0 | 9.0 | Ao | 1 | .. | 38537i |
| 26 | 3919 | 51.6 | + 4 7 | 6.66 | 7.44 | G5 | .. | 5,6 | **56**,96 |
| 27 | 3603 | 51.6 | − 1 9 | 10.0 | 11.0 | Ko | 1 | .. | 38111b |
| 28 | 4778 | 51.6 | − 8 45 | 9.4 | 10.4 | Ko | 2 | .. | 38112b |
| 29 | 4879 | 51.6 | −10 5 | 9.31 | 10.31 | Ko | 1 | .. | 38080b |
| 30 | 15561 | 51.6 | −28 59 | 9.3 | 9.7 | A5 | 3 | .. | 40632b |
| 31 | 15560 | 51.6 | −29 55 | 10.4 | 9.9 | Ao | 2 | .. | 40632b |
| 32 | 16184 | 51.6 | −31 57 | 7.7 | 9.0 | K2 | 5 | .. | 39273b |
| 33 | 14716 | 51.6 | −32 22 | 9.7 | 9.9 | K2 | 3 | .. | 39273b |
| 34 | 12440 | 51.6 | −49 38 | 8.9 | 9.7 | Go | 4 | .. | 39661b |
| 35 | 12258 | 51.6 | −50 28 | 8.1 | 9.1 | Go | 7 | .. | 39661b |
| 36 | 11857 | 51.6 | −51 10 | 9.7 | 9.7 | F8 | 4 | .. | 39661b |
| 37 | 9198 | 51.6 | −54 5 | 9.2 | 9.8 | Go | 3 | .. | 39661b |
| 38 | 9050 | 51.6 | −56 48 | 8.4 | 8.9 | Ko | 3 | .. | 40463b |
| 39 | 2327 | 51.6 | −72 31 | 8.2 | 8.8 | Go | 5 | .. | 42526b |
| 40 | 3177 | 51.7 | +41 29 | 5.57 | 6.57 | Ko | 8 | 0,8 | 38520i |
| 41 | 3324 | 51.7 | +36 36 | 8.1 | 8.1 | Ao | 3 | .. | 37845i |
| 42 | 3500 | 51.7 | +23 26 | 8.4 | 9.4 | Ko | 2 | .. | 37848i |
| 43 | 3779 | 51.7 | +17 59 | 5.72 | 6.79 | K2 | 7 | .. | 37202i |
| 44 | 3778 | 51.7 | +17 52 | 6.41 | 6.39 | B9 | 8 | .. | 37202i |
| 45 | 3733 | 51.7 | + 2 4 | 8.7 | 9.7 | Ko | 1 | .. | 13424b |
| 46 | 3823 | 51.7 | + 1 59 | 9.2 | 9.8 | Go | 1 | .. | 13424b |
| 47 | 4061 | 51.7 | + 0 27 | 8.9 | 9.9 | Ko | 4 | 2,1 | 38111b |
| 48 | 4060 | 51.7 | + 0 5 | 9.7 | 9.7 | A | 2 | .. | 38111b |
| 49 | 3603 | 51.7 | − 0 55 | 8.0 | 8.4 | F5 | 7 | .. | 38111b |
| 50 | 4641 | 51.7 | − 4 21 | 9.9 | 9.9 | Ao | 3 | .. | 38111b |
| 51 | 4976 | 51.7 | − 5 58 | 5.04 | 6.04 | Ko | .. | R | **56**,143 |
| 52 | 4783 | 51.7 | − 7 57 | 10.7 | 10.7 | Ao | 2 | .. | 17034b |
| 53 | 5142 | 51.7 | −18 33 | 9.9 | 9.9 | Ao | 4 | .. | 23765b |
| 54 | 5242 | 51.7 | −19 17 | 7.03 | 7.1 | Bop | 4 | 2,5 R | 43224b |
| 55 | 5200 | 51.7 | −21 17 | 8.7 | 8.9 | Ao | 5 | .. | 38105b |
| 56 | 14887 | 51.7 | −23 57 | 10.9 | 10.1 | Ao | 3 | .. | 23765b |
| 57 | 13565 | 51.7 | −25 32 | 9.3 | 9.6 | A5 | 2 | .. | 40632b |
| 58 | 16468 | 51.7 | −30 57 | 7.35 | 7.9 | F5 | 8 | .. | 40632b |
| 59 | 16187 | 51.7 | −31 42 | 8.7 | 9.6 | Fo | 3 | .. | 39273b |
| 60 | 13269 | 51.7 | −34 24 | 8.9 | 8.8 | B9 | 5 | .. | 40737b |
| 61 | 13061 | 51.7 | −35 0 | 10.1 | 9.6 | F5 | 2 | .. | 40737b |
| 62 | 13181 | 51.7 | −36 20 | 9.9 | 10.1 | A2 | 2 | .. | 39273b |
| 63 | 13258 | 51.7 | −41 13 | 7.9 | 9.5 | K5 | 3 | .. | 38141b |
| 64 | 13259 | 51.7 | −41 42 | 7.9 | 8.8 | Ko | 5 | .. | 38141b |
| 65 | 8940 | 51.7 | −55 33 | 9.0 | 9.9 | G5 | 2 | .. | 39661b |
| 66 | 3193 | 51.8 | +42 26 | 8.7 | 9.7 | K | 1 | .. | 37348i |
| 67 | 3843 | 51.8 | + 3 35 | 9.1 | 9.4 | Fo | 3 | .. | 40333b |
| 68 | 3604 | 51.8 | − 0 20 | 10.0 | 10.6 | Go | 2 | .. | 38111b |
| 69 | 4798 | 51.8 | − 2 45 | 9.2 | 9.8 | Go | 5 | .. | 38111b |
| 70 | 4979 | 51.8 | − 6 27 | 10.6 | 10.6 | Ao | 2 | .. | 38111b |
| 71 | 4785 | 51.8 | − 7 31 | 10.3 | 10.3 | Ao | 2 | .. | 17034b |
| 72 | 4781 | 51.8 | − 8 10 | 9.9 | 9.9 | Ao | 4 | .. | 17034b |
| 73 | 5162 | 51.8 | −13 14 | 7.9 | 7.9 | B8 | 7 | .. | 38080b |
| 74 | 5157 | 51.8 | −15 50 | 9.2 | 9.2 | Ao | 2 | .. | 38080b |
| 75 | 5201 | 51.8 | −21 14 | 3.61 | 4.61 | Ko | .. | 0,8 R | **28**,214 |
| 76 | 5202 | 51.8 | −21 52 | 8.7 | 9.8 | Ko | 4 | .. | 38105b |
| 77 | 14889 | 51.8 | −23 12 | 9.0 | 9.0 | Ao | 5 | .. | 23765b |
| 78 | 14722 | 51.8 | −32 18 | 7.48 | 8.4 | Ko | 7 | .. | 39273b |
| 79 | 13186 | 51.8 | −36 1 | 8.9 | 9.3 | F8 | 4 | .. | 40737b |
| 80 | 11858 | 51.8 | −51 2 | 9.7 | 10.6 | G5 | 2 | .. | 39661b |
| 81 | 8941 | 51.8 | −55 3 | 9.6 | 10.2 | Go | 3 | .. | 39661b |
| 82 | 4465 | 51.8 | −63 0 | 7.5 | 8.6 | K2 | 5 | .. | 42464b |
| 83 | 1032 | 51.9 | +70 11 | 7.59 | 7.87 | Fo | 2 | .. | 38029i |
| 84 | 3408 | 51.9 | +35 48 | 8.4 | 8.7 | F | 2 | .. | 37845i |
| 85 | 3351 | 51.9 | +30 11 | 7.31 | 7.31 | Ao | 6 | .. | 37845i |
| 86 | 3923 | 51.9 | + 4 32 | 8.3 | 9.5 | K5 | 3 | .. | 40333b |
| 87 | 3605 | 51.9 | − 1 3 | 9.7 | 10.7 | Ko | 1 | .. | 38111b |
| 88 | 4818 | 51.9 | − 5 2 | 9.55 | 9.61 | A2 | 4 | .. | 38111b |
| 89 | 4782 | 51.9 | − 8 18 | 9.7 | 10.9 | K5 | 1 | .. | 17034b |
| 90 | 5340 | 51.9 | −20 6 | 11.2 | 10.7 | Ko | 2 | .. | 23765b |
| 91 | 14893 | 51.9 | −23 45 | 10.4 | 10.7 | Go | 3 | .. | 23765b |
| 92 | 14875 | 51.9 | −24 43 | 9.7 | 10.2 | Ao | 2 | .. | 23765b |
| 93 | 15212 | 51.9 | −28 53 | 7.8 | 8.5 | B9 | 6 | .. | 40632b |
| 94 | 16189 | 51.9 | −31 10 | 6.14 | 8.4 | Ko | .. | 0,8 | **56**,143 |
| 95 | 14725 | 51.9 | −32 40 | 9.9 | 10.2 | A5 | 1 | .. | 39273b |
| 96 | 13775 | 51.9 | −33 0 | 8.3 | 8.7 | A3 | 7 | .. | 39273b |
| 97 | 13276 | 51.9 | −34 21 | 7.17 | 7.0 | B9 | 8 | .. | 40737b |
| 98 | 13275 | 51.9 | −34 57 | 8.9 | 8.5 | Ao | 6 | .. | 40737b |
| 99 | 12960 | 51.9 | −40 24 | 9.3 | 10.0 | Ko | 2 | .. | 38141b |
| 100 | 12825 | 51.9 | −48 29 | 10.6 | 10.3 | A2 | 3 | .. | 41441b |



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1922AnHar..97....1C



## 175800 — $18^h\,51^m.9$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 8942 | 51.9 | −55 16 | *10.1* | 10.4 | F2 | 2 | .. | 39661b |
| 2 | 3969 | 51.9 | −64 27 | *9.8* | 10.6 | G5 | 1 | .. | 42464b |
| 3 | 3848 | 52.0 | +19 43 | 7.97 | *7.80* | B3 | 3 | .. | 37848i |
| 4 | 3624 | 52.0 | +15 15 | 9.1 | *9.1* | Ao | 4 | .. | 5555m |
| 5 | 3737 | 52.0 | + 2 19 | 7.61 | *8.11* | F8 | 7 | .. | 13424b |
| 6 | 3827 | 52.0 | + 1 22 | 7.6 | *8.0* | F5 | 8 | .. | 13424b |
| 7 | 4823 | 52.0 | −11 20 | 9.7 | *10.5* | G5 | 1 | .. | 38080b |
| 8 | 5244 | 52.0 | −19 50 | 8.33 | 9.5 | Ko | 5 | .. | 23765b |
| 9 | *5341* | 52.0 | −19 58 | 9.13 | 9.0 | A3 | 5 | .. | 23765b |
| 10 | 5342 | 52.0 | −20 24 | 11.0 | 10.1 | Ao | 2 | .. | 23765b |
| 11 | 13409 | 52.0 | −27 42 | 10.2 | 10.2 | F5 | 1 | .. | 40632b |
| 12 | 14726 | 52.0 | −32 45 | 9.3 | 9.3 | F8 | 2 | .. | 39273b |
| 13 | 13001 | 52.0 | −37 14 | 4.87 | *5.29* | F5 | .. | R | **28**,214 |
| 14 | 13027 | 52.0 | −39 42 | 9.2 | 8.8 | Ao | 4 | .. | 40737b |
| 15 | 13263 | 52.0 | −41 27 | 8.6 | 8.2 | Ao | 7 | .. | 38141b |
| 16 | 12904 | 52.0 | −45 49 | 8.9 | 9.6 | K2 | 3 | .. | 38141b |
| 17 | 11859 | 52.0 | −51 25 | 7.9 | 8.8 | G5 | 7 | .. | 39661b |
| 18 | 11315 | 52.0 | −52 32 | 9.2 | 9.4 | A3 | 4 | .. | 39661b |
| 19 | 7421 | 52.0 | −59 36 | 8.7 | 9.6 | Ko | 4 | .. | 39381b |
| 20 | 4466 | 52.0 | −63 29 | *9.0* | 9.8 | G5 | 2 | .. | 42464b |
| 21 | 1338 | 52.0 | −77 40 | *9.2* | 10.0 | G5 | 2 | .. | 42793b |
| 22 | 597 | 52.0 | −84 15 | *9.5* | 9.6 | A2 | 2 | .. | 14161b |
| 23 | 1915 | 52.1 | +57 20 | 6.41 | *7.41* | Ko | 7 | .. | 38518i |
| 24 | 2793 | 52.1 | +48 44 | 5.87 | *6.29* | F5 | 8 | .. | 37348i |
| 25 | 3532 | 52.1 | +22 56 | 7.9 | *8.0* | A5 | 4 | 0,4 | 38511i |
| 26 | 3625 | 52.1 | +15 51 | 10.0 | *11.0* | Ko | 1 | .. | 5555m |
| 27 | 3738 | 52.1 | +10 41 | 9.2 | *9.2* | B9 | 3 | .. | 39461b |
| 28 | 3934 | 52.1 | + 9 22 | 9.4 | *9.5* | A2 | 3 | .. | 38537i |
| 29 | *3606* | 52.1 | − 0 57 | 10.4 | *10.4* | Ao | 2 | .. | 38111b |
| 30 | 4883 | 52.1 | −10 9 | 8.8 | *9.8* | Ko | 3 | .. | 38080b |
| 31 | 5218 | 52.1 | −12 56 | 8.5 | *8.8* | Fo | 3 | .. | 38080b |
| 32 | 14877 | 52.1 | −24 53 | 9.5 | 11.2 | K5 | 1 | .. | 23765b |
| 33 | 13412 | 52.1 | −27 10 | 9.3 | 8.8 | B9 | 5 | .. | 40632b |
| 34 | 16477 | 52.1 | −30 23 | 8.7 | 10.4 | K2 | 1 | .. | 39273b |
| 35 | 12829 | 52.1 | −48 14 | 9.9 | 10.0 | A2 | 2 | .. | 41441b |
| 36 | 12261 | 52.1 | −50 10 | 9.3 | 10.6 | Ko | 2 | .. | 39661b |
| 37 | 11316 | 52.1 | −52 43 | *9.7* | 10.3 | Go | 2 | .. | 39661b |
| 38 | 8944 | 52.1 | −55 9 | 7.11 | 8.4 | K2 | 7 | .. | 40463b |
| 39 | 676 | 52.1 | −83 54 | *8.7* | 9.9 | K5 | 2 | .. | 14161b |
| 40 | 2301 | 52.2 | +52 33 | 7.7 | *8.8* | K2 | 2 | .. | 37884i |
| 41 | *3580* | 52.2 | +40 3 | 6.75 | *6.81* | A2 | 7 | 2,7 | 38520i |
| 42 | 3674 | 52.2 | +16 29 | 10.4 | *11.2* | G5 | 2 | .. | 5555m |
| 43 | 3925 | 52.2 | + 4 10 | 9.1 | *9.1* | B9 | 3 | .. | 40333b |
| 44 | *3607* | 52.2 | − 0 58 | 9.2 | *9.2* | Ao | 6 | .. | 38111b |
| 45 | 4425 | 52.2 | − 3 10 | 9.4 | *10.2* | G5 | 3 | .. | 38111b |
| 46 | 4981 | 52.2 | − 6 36 | 11.0 | *11.1* | A2 | 2 | .. | 38111b |
| 47 | 4920 | 52.2 | − 9 55 | 8.66 | *8.66* | Ao | 5 | 0,4 | 38080b |
| 48 | 4885 | 52.2 | −10 15 | 10.6 | *10.6* | Ao | 1 | .. | 38080b |
| 49 | 4884 | 52.2 | −10 22 | 10.1 | *10.2* | A2 | 1 | .. | 38080b |
| 50 | 5204 | 52.2 | −21 43 | 9.7 | 9.5 | Go | 3 | .. | 38105b |
| 51 | 14895 | 52.2 | −23 52 | 10.7 | 10.7 | A5 | 3 | .. | 23765b |
| 52 | 13574 | 52.2 | −25 0 | 6.60 | 6.8 | Ao | 6 | 1,10 | 10085b |
| 53 | 16479 | 52.2 | −30 55 | 8.0 | 9.6 | Ko | 2 | .. | 40632b |
| 54 | 13192 | 52.2 | −36 6 | 8.3 | 7.7 | Fo | 8 | .. | 40737b |
| 55 | 13032 | 52.2 | −39 40 | 6.45 | 7.1 | Ao | 9 | .. | 40737b |
| 56 | 13018 | 52.2 | −44 16 | 8.6 | 9.3 | F5 | 5 | .. | 38141b |
| 57 | 12739 | 52.2 | −46 47 | 10.3 | 10.2 | F5 | 1 | .. | 38141b |
| 58 | 12831 | 52.2 | −48 34 | 9.5 | 10.0 | A5 | 3 | .. | 41441b |
| 59 | 11317 | 52.2 | −52 16 | *10.9* | 10.9 | Ao | 2 | .. | 39661b |
| 60 | 9052 | 52.2 | −56 22 | 9.0 | 9.0 | Ao | 5 | .. | 40463b |
| 61 | 887 | 52.2 | −80 32 | 8.7 | 9.1 | F5 | 3 | .. | 42793b |
| 62 | 831 | 52.2 | −81 34 | 7.78 | 8.1 | Fo | 7 | .. | 14161b |
| 63 | 1929 | 52.3 | +59 53 | 6.94 | *6.82* | B5 | 8 | .. | 38518i |
| 64 | 2161 | 52.3 | +56 5 | 8.3 | *9.7* | Ma | 1 | .. | 38518i |
| 65 | 3117 | 52.3 | +43 49 | var. | var. | Mb | .. | 0, R | 3018c |
| 66 | 3411 | 52.3 | +35 40 | 6.74 | *7.74* | Ko | 4 | .. | 37845i |
| 67 | 3627 | 52.3 | +15 38 | 9.1 | *10.2* | K2 | 2 | .. | 5555m |
| 68 | 3987 | 52.3 | + 5 53 | 8.4 | *9.5* | K2 | 4 | .. | 40333b |
| 69 | 3738 | 52.3 | + 2 26 | 5.65 | *5.60* | B8 | .. | 1,10 | **56**,96 |
| 70 | 4802 | 52.3 | − 2 33 | 10.1 | *10.6* | F8 | 2 | .. | 38111b |
| 71 | 4983 | 52.3 | − 6 47 | 10.1 | *11.2* | K2 | 2 | .. | 38111b |
| 72 | 4921 | 52.3 | − 9 33 | 9.9 | *10.0* | A2 | 2 | 0,1 | 38112b |
| 73 | 5165 | 52.3 | −13 44 | 9.4 | *9.5* | A3 | 1 | .. | 38080b |
| 74 | 5247 | 52.3 | −19 1 | 10.3 | 9.5 | B9 | 5 | .. | 23765b |
| 75 | R | 52.3 | −20 16 | *11.2* | 11.2 | Ao | 2 | .. | 23765b |
| 76 | 5344 | 52.3 | −20 33 | 6.73 | 7.1 | Oe5 | .. | 0,3- | **56**,143 |
| 77 | 14899 | 52.3 | −23 14 | 10.7 | 10.7 | F5 | 2 | .. | 23765b |
| 78 | 13801 | 52.3 | −42 30 | 9.5 | 10.0 | K2 | 2 | .. | 38141b |
| 79 | 12444 | 52.3 | −49 0 | 9.9 | 10.3 | F8 | 1 | .. | 41441b |
| 80 | 12446 | 52.3 | −49 24 | 7.7 | 9.1 | Ko | 6 | .. | 39661b |
| 81 | 12447 | 52.3 | −49 35 | 8.7 | 10.0 | K2 | 3 | 0,2 | 39661b |
| 82 | 3762 | 52.3 | −65 2 | 8.20 | 8.2 | B9 | 7 | .. | 41442b |
| 83 | 1300 | 52.4 | +64 39 | 8.6 | *9.8* | K5 | 2 | .. | 37907i |
| 84 | 3182 | 52.4 | +41 55 | 6.77 | *7.77* | Ko | 5 | .. | 37348i |
| 85 | 3262 | 52.4 | +33 39 | 8.4 | *8.4* | B9 | 3 | .. | 37845i |
| 86 | 3615 | 52.4 | +21 14 | 8.0 | *9.0* | Ko | 2 | .. | 38511i |
| 87 | 3628 | 52.4 | +15 27 | 10.4 | *11.2* | G5 | 1 | .. | 5555m |
| 88 | 3937 | 52.4 | + 9 55 | 8.72 | *9.72* | Ko | 2 | .. | 39461b |
| 89 | 4063 | 52.4 | + 0 27 | 9.2 | *10.3* | K2 | 2 | .. | 38111b |
| 90 | 5145 | 52.4 | −18 27 | 10.1 | *10.2* | A2 | 2 | .. | 23765b |
| 91 | 4929 | 52.4 | −22 7 | 9.1 | 10.7 | Ko | 2 | .. | 38105b |
| 92 | 4928 | 52.4 | −22 40 | 6.04 | 6.1 | A2 | .. | 0,6- | **28**,214 |
| 93 | 15574 | 52.4 | −29 38 | 9.3 | 9.9 | R1 | 2 | .. | 40632b |
| 94 | 12648 | 52.4 | −47 28 | 7.9 | 8.4 | G5 | 6 | .. | 41441b |
| 95 | 11863 | 52.4 | −51 27 | 9.9 | 10.0 | Fo | 4 | .. | 39661b |
| 96 | 9417 | 52.4 | −53 45 | *9.4* | 10.4 | Ko | 1 | .. | 39661b |
| 97 | 7422 | 52.4 | −59 2 | 8.2 | 8.7 | G5 | 4 | .. | 40463b |
| 98 | 6299 | 52.4 | −61 44 | *9.6* | 9.6 | Ao | 2 | .. | 42464b |
| 99 | 6298 | 52.4 | −61 54 | 9.2 | 9.3 | Ao | 3 | .. | 42464b |
| 100 | 2459 | 52.5 | +51 10 | 8.0 | *8.8* | G5 | 1 | .. | 37884i |



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1922AnHar..97....1C



## 175900 — $18^h\,52^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | *3119* | 52.5 | +44 2 | 8.7 | *9.3* | G | 2 | .. | 37348i |
| 2 | 3526 | 52.5 | +40 4 | 7.57 | *8.75* | K5 | 3 | .. | 32263i |
| 3 | 3823 | 52.5 | +13 35 | 9.2 | *9.2* | Ao | 3 | .. | 5555m |
| 4 | 3741 | 52.5 | +10 29 | 8.9 | *9.2* | Fo | 4 | .. | 39461b |
| 5 | 3607 | 52.5 | − 0 39 | 7.5 | *8.5* | Ko | 8 | .. | 38111b |
| 6 | 4825 | 52.5 | −11 39 | 9.4 | *9.4* | B8 | 2 | .. | 38080b |
| 7 | 5147 | 52.5 | −18 5 | 9.4 | *9.4* | Ao | 3 | .. | 23765b |
| 8 | 5148 | 52.5 | −18 47 | 10.1 | *10.2* | A2 | 4 | .. | 23765b |
| 9 | 4930 | 52.5 | −22 48 | 9.4 | 9.0 | B9 | 4 | .. | 23765b |
| 10 | 14902 | 52.5 | −23 55 | 10.7 | 11.0 | A3 | 3 | .. | 23765b |
| 11 | 15224 | 52.5 | −28 6 | 9.7 | 9.9 | A3 | 2 | .. | 40632b |
| 12 | 16205 | 52.5 | −31 8 | 10.7 | 10.5 | B9 | 2 | .. | 39273b |
| 13 | *12263* | 52.5 | −49 59 | 8.7 | 9.5 | Ko | 4 | .. | 39661b |
| 14 | 11320 | 52.5 | −52 11 | 9.2 | 10.3 | Ko | 2 | .. | 39661b |
| 15 | 9418 | 52.5 | −53 39 | *9.8* | 10.4 | Go | 1 | .. | 39661b |
| 16 | 9419 | 52.5 | −53 57 | *9.6* | 10.7 | K2 | 1 | .. | 39661b |
| 17 | 888 | 52.5 | −80 41 | *8.7* | 9.1 | F5 | 3 | E | 42793b |
| 18 | *1033* | 52.6 | +71 0 | 9.3 | *9.6* | F2 | 1 | .. | 38029i |
| 19 | 3677 | 52.6 | +16 36 | 8.3 | *9.3* | Ko | 5 | .. | 5555m |
| 20 | 3718 | 52.6 | +14 51 | 8.9 | *8.9* | B9 | 4 | .. | 5555m |
| 21 | 3719 | 52.6 | +14 42 | 7.14 | *7.92* | G5 | 4 | 5,8 | 37202i |
| 22 | 3826 | 52.6 | +13 14 | 6.94 | *7.02* | A3 | 6 | 0,6- | 38537i |
| 23 | 3985 | 52.6 | + 6 51 | 8.9 | *8.9* | B9 | 4 | .. | 39461b |
| 24 | 3830 | 52.6 | + 1 43 | 9.0 | *9.1* | A2 | 2 | .. | 13424b |
| 25 | 3832 | 52.6 | + 1 5 | 9.09 | *9.09* | Ao | 3 | .. | 13424b |
| 26 | 3608 | 52.6 | − 1 19 | 9.4 | *9.8* | F5 | 3 | .. | 38111b |
| 27 | 4804 | 52.6 | − 2 5 | 9.2 | *9.2* | B9 | 3 | .. | 38111b |
| 28 | 5149 | 52.6 | −18 40 | 8.9 | *9.7* | G5 | 6 | .. | 23765b |
| 29 | 5250 | 52.6 | −19 19 | 9.1 | 10.1 | Ma | 3 | .. | 23765b |
| 30 | 5248 | 52.6 | −19 48 | 10.6 | 11.0 | G5 | 2 | .. | 23765b |
| 31 | 13289 | 52.6 | −34 3 | 9.5 | 9.9 | G5 | 2 | .. | 39273b |
| 32 | 13021 | 52.6 | −44 58 | 9.57 | 10.8 | K2 | 1 | .. | 38141b |
| 33 | *12651* | 52.6 | −46 59 | 7.8 | 8.2 | A5 | 8 | .. | 41441b |
| 34 | 12836 | 52.6 | −48 43 | 8.0 | 8.2 | Ao | 8 | .. | 41441b |
| 35 | 11866 | 52.6 | −51 17 | 11.0 | 10.9 | Ao | 2 | .. | 39661b |
| 36 | 11865 | 52.6 | −51 27 | 9.7 | 9.7 | Fo | 5 | .. | 39661b |
| 37 | 8948 | 52.6 | −55 40 | *8.9* | 9.5 | Go | 2 | .. | 40463b |
| 38 | 604 | 52.7 | +79 50 | 6.33 | *6.47* | A5 | 7 | 0,8 | 38044i |
| 39 | 3196 | 52.7 | +42 4 | 9.0 | *9.1* | A2 | 3 | .. | 37348i |
| 40 | 3125 | 52.7 | +28 4 | 7.19 | *8.19* | Ko | 4 | .. | 37848i |
| 41 | 3849 | 52.7 | + 3 38 | 8.4 | *8.8* | F5 | 7 | .. | 40333b |
| 42 | 4822 | 52.7 | − 5 7 | 9.90 | *10.46* | Go | 3 | .. | 38111b |
| 43 | 4985 | 52.7 | − 6 23 | 9.4 | *9.8* | F5 | 3 | .. | 38111b |
| 44 | *4826* | 52.7 | −10 57 | 9.1 | *9.1* | Ao | 3 | .. | 38080b |
| 45 | 5249 | 52.7 | −19 44 | 10.3 | 10.1 | Go | 3 | .. | 23765b |
| 46 | 4932 | 52.7 | −22 7 | 9.9 | 10.7 | G5 | 1 | .. | 38105b |
| 47 | 4931 | 52.7 | −22 57 | 9.4 | 10.6 | Ko | 3 | .. | 23765b |
| 48 | 13795 | 52.7 | −33 38 | 8.6 | 9.0 | A3 | 5 | .. | 39273b |
| 49 | 13290 | 52.7 | −34 44 | 10.6 | 10.2 | A2 | 1 | .. | 39273b |
| 50 | 13198 | 52.7 | −36 3 | 8.3 | 8.8 | Fo | 6 | .. | 40737b |
| 51 | 12966 | 52.7 | −40 45 | 7.5 | 7.5 | B9 | 8 | .. | 38141b |
| 52 | 13015 | 52.7 | −43 44 | 8.7 | 9.6 | F8 | 4 | .. | 38141b |
| 53 | 12910 | 52.7 | −45 51 | 9.7 | 10.7 | K5 | 1 | .. | 38141b |
| 54 | 1977 | 52.7 | −73 55 | *8.2* | 8.2 | Ao | 6 | .. | 42526b |
| 55 | 2718 | 52.8 | +47 18 | 7.11 | *8.11* | Ko | 6 | .. | 37348i |
| 56 | 3535 | 52.8 | +22 40 | 7.7 | *8.0* | F2 | 3 | .. | 38511i |
| 57 | 3630 | 52.8 | +15 55 | 9.7 | *10.1* | F5 | 3 | .. | 5555m |
| 58 | 3721 | 52.8 | +14 47 | 9.7 | *10.7* | Ko | 1 | .. | 5555m |
| 59 | 3827 | 52.8 | +13 8 | 8.9 | *10.0* | K2 | 2 | .. | 5555m |
| 60 | 3915 | 52.8 | + 8 20 | 9.4 | *9.7* | Fo | 2 | .. | 40333b |
| 61 | 3989 | 52.8 | + 5 48 | 9.2 | *10.0* | G5 | 1 | .. | 40333b |
| 62 | 3931 | 52.8 | + 4 51 | 10.0 | *10.0* | B9 | 1 | .. | 40333b |
| 63 | *3850* | 52.8 | + 4 1 | 9.2 | *9.5* | Fo | 1 | .. | 40333b |
| 64 | 3741 | 52.8 | + 2 3 | 9.0 | *9.1* | A3 | 2 | .. | 13424b |
| 65 | 4786 | 52.8 | − 8 41 | 9.9 | *9.9* | B9 | 3 | .. | 38112b |
| 66 | 4927 | 52.8 | − 9 27 | 9.2 | *10.2* | Ko | 2 | 0,1 | 38112b |
| 67 | 4926 | 52.8 | − 9 53 | 9.51 | *9.51* | Ao | 2 | .. | 38080b |
| 68 | 5159 | 52.8 | −15 28 | 9.1 | *9.5* | F5 | 2 | .. | 38080b |
| 69 | 5100 | 52.8 | −16 46 | 8.3 | *9.4* | K2 | 2 | .. | 38080b |
| 70 | 5396 | 52.8 | −17 37 | 9.4 | *9.4* | Ao | 2 | .. | 38080b |
| 71 | *5251* | 52.8 | −18 58 | 10.7 | *10.7* | B9 | 3 | .. | 23765b |
| 72 | 5348 | 52.8 | −20 47 | 9.4 | 10.8 | Ko | 2 | .. | 38105b |
| 73 | 4933 | 52.8 | −22 37 | 9.9 | 10.6 | Ko | 3 | .. | 23765b |
| 74 | 14908 | 52.8 | −23 28 | 10.2 | 11.0 | Ko | 2 | .. | 23765b |
| 75 | 14909 | 52.8 | −23 34 | 11.4 | 11.2 | A | 2 | .. | 23765b |
| 76 | 13592 | 52.8 | −25 16 | 8.3 | 8.5 | B8 | 6 | .. | 40632b |
| 77 | 13654 | 52.8 | −26 20 | 8.7 | 8.5 | Ao | 6 | .. | 40632b |
| 78 | 13421 | 52.8 | −27 47 | 9.0 | 9.0 | F5 | 5 | .. | 40632b |
| 79 | 15231 | 52.8 | −28 43 | 7.7 | 9.0 | Go | 6 | .. | 40632b |
| 80 | 13199 | 52.8 | −36 45 | Cl. | Cl. | Con. | 2 | R | 39273b |
| 81 | 12912 | 52.8 | −45 15 | 9.5 | 9.9 | Fo | 3 | .. | 38141b |
| 82 | 12742 | 52.8 | −46 48 | 9.3 | 9.4 | Ko | 3 | .. | 38141b |
| 83 | 11321 | 52.8 | −52 10 | *10.1* | 10.9 | G5 | 1 | .. | 39661b |
| 84 | 6016 | 52.8 | −62 2 | *9.7* | 9.7 | Ao | 2 | .. | 42464b |
| 85 | 6017 | 52.8 | −62 54 | *9.3* | 9.9 | Go | 1 | .. | 42464b |
| 86 | 3180 | 52.8 | −68 54 | 5.94 | 6.4 | Go | .. | 0,9 | 56,143 |
| 87 | 1844 | 52.9 | +58 35 | 7.9 | *8.2* | F2 | 6 | .. | 38518i |
| 88 | 3940 | 52.9 | + 9 43 | 8.1 | *8.1* | Ao | 3 | .. | 38537i |
| 89 | 3941 | 52.9 | + 9 34 | 9.1 | *9.7* | Go | 3 | .. | 39461b |
| 90 | 3942 | 52.9 | + 9 34 | 9.1 | *9.7* | | | | |
| 91 | 3916 | 52.9 | + 8 7 | 9.7 | *9.7* | Ao | 2 | .. | 39461b |
| 92 | 4066 | 52.9 | + 0 33 | 9.7 | *10.9* | K5 | 1 | .. | 38111b |
| 93 | 4647 | 52.9 | − 4 17 | 8.3 | *9.5* | K5 | 3 | .. | 38111b |
| 94 | 4648 | 52.9 | − 4 26 | 9.4 | *10.0* | Go | 2 | .. | 38111b |
| 95 | 4986 | 52.9 | − 6 8 | 9.4 | *9.5* | A2 | 4 | .. | 38111b |
| 96 | 5226 | 52.9 | −12 30 | 9.1 | *9.1* | Ao | 3 | .. | 38080b |
| 97 | 5152 | 52.9 | −18 31 | 10.8 | *10.8* | A | 2 | .. | 23765b |
| 98 | 14912 | 52.9 | −23 13 | 9.2 | 9.8 | Ko | 5 | .. | 23765b |
| 99 | 14891 | 52.9 | −24 50 | 10.4 | 9.9 | Ao | 2 | .. | 23765b |
| 100 | 16499 | 52.9 | −30 23 | 10.2 | 9.9 | A2 | 1 | .. | 39273b |



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1922AnHar..97....1C



## 176000

## $18^h\,52^m.9$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 13270 | 52.9 | −41 25 | 9.9 | 10.0 | Ao | 2 | .. | 38141b |
| 2 | 13020 | 52.9 | −43 29 | 7.9 | 9.4 | G5 | 5 | .. | 38141b |
| 3 | 3017 | 53.0 | +44 5 | 6.94 | *7.00* | A2 | 7 | .. | 37348i |
| 4 | 3189 | 53.0 | +41 19 | 9.0 | *9.0* | Ao | 2 | .. | 37348i |
| 5 | 3672 | 53.0 | +25 57 | 7.34 | *7.34* | Ao | 6 | .. | 37848i |
| 6 | 3671 | 53.0 | +25 52 | 8.2 | *8.2* | Ao | 5 | .. | 37848i |
| 7 | 3887 | 53.0 | +18 27 | 8.0 | *8.0* | B9 | 4 | .. | 37202i |
| 8 | 3790 | 53.0 | +17 5 | 9.7 | *9.8* | A2 | 2 | .. | 5555m |
| 9 | 3632 | 53.0 | +15 23 | 9.7 | *10.2* | F8 | 3 | .. | 5555m |
| 10 | 3828 | 53.0 | +13 35 | 9.7 | *10.7* | Ko | 1 | .. | 5555m |
| 11 | 3991 | 53.0 | + 5 58 | 9.2 | *9.2* | Ao | 3 | .. | 40333b |
| 12 | 3990 | 53.0 | + 5 37 | 10.0 | *10.1* | A3 | 1 | .. | 40333b |
| 13 | 3835 | 53.0 | + 1 28 | 9.7 | *10.2* | F8 | 1 | .. | 13424b |
| 14 | 5242 | 53.0 | −14 54 | 8.29 | *8.71* | F5 | 4 | .. | 38080b |
| 15 | 5153 | 53.0 | −18 5 | 9.4 | *10.4* | Ko | 4 | .. | 23765b |
| 16 | 4935 | 53.0 | −22 23 | 10.1 | 10.3 | F5 | 3 | .. | 23765b |
| 17 | 13802 | 53.0 | −33 14 | 8.6 | 9.0 | A5 | 5 | .. | 39273b |
| 18 | 13204 | 53.0 | −36 55 | 9.05 | 9.1 | F5 | 3 | .. | 40737b |
| 19 | 12969 | 53.0 | −40 3 | 8.9 | 9.7 | G5 | 1 | .. | 40427b |
| 20 | 12269 | 53.0 | −50 0 | 9.7 | 10.9 | K5 | 1 | .. | 39661b |
| 21 | 3763 | 53.0 | −65 3 | 8.05 | 8.2 | G5 | 7 | .. | 41442b |
| 22 | 2579 | 53.1 | +46 23 | 8.0 | *8.0* | B9 | 6 | .. | 37348i |
| 23 | 3410 | 53.1 | +31 14 | 8.6 | *8.7* | A2 | 2 | .. | 37845i |
| 24 | 3680 | 53.1 | +16 31 | 10.0 | *10.0* | A | 2 | .. | 5555m |
| 25 | 3679 | 53.1 | +16 12 | 10.4 | *10.8* | F5 | 1 | .. | 5555m |
| 26 | 3633 | 53.1 | +15 29 | 10.0 | *11.2* | K5 | 1 | .. | 5555m |
| 27 | 3726 | 53.1 | +14 56 | 9.4 | *10.4* | Ko | 2 | .. | 5555m |
| 28 | 3829 | 53.1 | +13 57 | 9.2 | *9.2* | Ao | 3 | .. | 5555m |
| 29 | 3993 | 53.1 | + 5 49 | 9.7 | *10.9* | K5 | 1 | *3,1* R | 36120i |
| 30 | 4788 | 53.1 | − 8 5 | 9.9 | *10.7* | G5 | 2 | .. | 38112b |
| 31 | 5206 | 53.1 | −21 13 | 10.6 | 11.0 | A | 1 | .. | 38105b |
| 32 | 14913 | 53.1 | −23 11 | 10.4 | 10.1 | Ao | 5 | .. | 23765b |
| 33 | 13428 | 53.1 | −27 19 | 9.5 | 8.8 | Ao | 6 | .. | 40632b |
| 34 | 15236 | 53.1 | −28 35 | 9.7 | 9.7 | Ao | 2 | .. | 40632b |
| 35 | 13022 | 53.1 | −43 30 | 8.9 | 10.2 | K2 | 1 | .. | 38141b |
| 36 | *12747* | 53.1 | −45 58 | 9.3 | 10.2 | F5 | 3 | .. | 38141b |
| 37 | 12843 | 53.1 | −48 25 | 7.0 | 8.2 | Ko | 8 | .. | 41441b |
| 38 | 541 | 53.2 | +83 12 | 9.0 | *9.6* | Go | 3 | .. | 37294i |
| 39 | 3723 | 53.2 | +14 25 | 10.4 | *10.4* | B8 | 2 | .. | 5555m |
| 40 | 3724 | 53.2 | +14 15 | 10.0 | *10.1* | A2 | 1 | .. | 5555m |
| 41 | 3994 | 53.2 | + 5 51 | 9.7 | *10.3* | Go | 2 | .. | 40333b |
| 42 | 4929 | 53.2 | − 9 16 | 9.2 | *9.2* | Ao | 3 | 0,3 | 38112b |
| 43 | 5244 | 53.2 | −14 15 | 9.7 | *9.7* | Ao | 3 | .. | 38080b |
| 44 | 4937 | 53.2 | −22 3 | 9.7 | 9.2 | A2 | 4 | .. | 38105b |
| 45 | 13432 | 53.2 | −27 52 | 9.0 | 10.5 | Ko | 1 | .. | 40632b |
| 46 | 13302 | 53.2 | −34 4 | 8.3 | 9.0 | G5 | 5 | .. | 39273b |
| 47 | 13301 | 53.2 | −34 36 | 7.9 | 9.0 | Ko | 4 | .. | 40737b |
| 48 | 12662 | 53.2 | −47 20 | 9.5 | 10.2 | Ko | 2 | .. | 41441b |
| 49 | 8952 | 53.2 | −55 14 | 8.6 | 9.2 | Go | 3 | .. | 40463b |
| 50 | 2581 | 53.3 | +46 15 | 8.5 | *9.5* | Ko | 3 | .. | 37348i |
| 51 | 3267 | 53.3 | +32 47 | 5.21 | *5.77* | Go | .. | 0,10 | 287c |
| 52 | *3412* | 53.3 | +32 0 | 8.2 | *8.2* | A | 2 | .. | 37845i |
| 53 | 3411 | 53.3 | +31 52 | 7.10 | *7.18* | A3 | 5 | .. | 37845i |
| 54 | 3987 | 53.3 | + 6 42 | 8.9 | *8.9* | B9 | 3 | .. | 39461b |
| 55 | 3853 | 53.3 | + 3 38 | 8.6 | *8.6* | B9 | 5 | .. | 40333b |
| 56 | 3609 | 53.3 | − 0 9 | 9.1 | *10.2* | K2 | 2 | .. | 38111b |
| 57 | 3610 | 53.3 | − 0 20 | 8.1 | *8.2* | A5 | 6 | .. | 13424b |
| 58 | 3609 | 53.3 | − 1 43 | 8.6 | *9.2* | Go | 6 | .. | 38111b |
| 59 | 4789 | 53.3 | − 8 23 | 9.4 | *9.8* | F5 | 4 | .. | 38112b |
| 60 | 5254 | 53.3 | −19 11 | 10.3 | 10.8 | A2 | 2 | .. | 23765b |
| 61 | 5352 | 53.3 | −20 14 | 10.3 | 10.8 | K | 1 | .. | 23765b |
| 62 | 5351 | 53.3 | −20 39 | 9.4 | 8.7 | B9 | 5 | .. | 38105b |
| 63 | 5207 | 53.3 | −21 22 | 8.5 | 8.3 | B9 | 6 | .. | 38105b |
| 64 | 13666 | 53.3 | −26 5 | 9.2 | 9.0 | B8 | 5 | .. | 40632b |
| 65 | 13665 | 53.3 | −26 38 | 9.0 | 9.3 | G5 | 4 | .. | 40632b |
| 66 | 14749 | 53.3 | −32 31 | 9.3 | 9.0 | A5 | 3 | .. | 39273b |
| 67 | 13303 | 53.3 | −34 32 | 9.9 | 9.4 | Ao | 3 | .. | 40737b |
| 68 | 11323 | 53.3 | −52 23 | *10.2* | 11.2 | Ko | 1 | .. | 39661b |
| 69 | 2330 | 53.3 | −72 13 | *9.3* | 9.6 | F2 | 4 | .. | 42526b |
| 70 | 2898 | 53.4 | +49 41 | 8.5 | *9.7* | K5 | 2 | *3,3* | 37884i |
| 71 | 2797 | 53.4 | +45 22 | 7.97 | *8.47* | F8 | 5 | .. | 37348i |
| 72 | 3743 | 53.4 | + 2 15 | 9.0 | *9.0* | Ao | 4 | .. | 13424b |
| 73 | 3838 | 53.4 | + 1 31 | 10.4 | *10.4* | Ao | 1 | .. | 13424b |
| 74 | 3837 | 53.4 | + 1 4 | 6.88 | *6.94* | A2 | 10 | .. | 13424b |
| 75 | 4433 | 53.4 | − 3 5 | 9.4 | *10.4* | Ko | 2 | .. | 38111b |
| 76 | 4826 | 53.4 | − 5 47 | 7.34 | *7.32* | B9 | 9 | .. | 38111b |
| 77 | 4794 | 53.4 | − 7 29 | 9.2 | *9.0* | B | 1 | .. | 38112b |
| 78 | 5228 | 53.4 | −12 43 | 6.96 | *6.96* | Ao | 7 | .. | 36386b |
| 79 | 5103 | 53.4 | −16 0 | 7.9 | *8.0* | A2 | 7 | .. | 38080b |
| 80 | 5353 | 53.4 | −20 14 | 10.1 | 11.0 | G5 | 1 | .. | 23765b |
| 81 | 14921 | 53.4 | −23 24 | 8.0 | 9.3 | Ko | 7 | .. | 23765b |
| 82 | 13604 | 53.4 | −25 34 | 8.7 | 9.0 | F2 | 4 | .. | 40632b |
| 83 | 13819 | 53.4 | −42 15 | 11.0 | 10.6 | Ao | 2 | .. | 39471b |
| 84 | 12663 | 53.4 | −47 11 | 8.1 | 8.1 | A2 | 9 | .. | 41441b |
| 85 | 9290 | 53.4 | −57 36 | 9.0 | 9.8 | G5 | 1 | .. | 40463b |
| 86 | 1034 | 53.5 | +70 46 | 8.7 | *9.0* | F2 | 2 | .. | 38029i |
| 87 | 3368 | 53.5 | +34 43 | 7.37 | *7.87* | F8 | 4 | .. | 37845i |
| 88 | *3268* | 53.5 | +34 1 | 8.7 | *9.7* | K | 1 | .. | 37845i |
| 89 | 3636 | 53.5 | +15 5 | 8.79 | *9.79* | Ko | 4 | .. | 5555m |
| 90 | 3832 | 53.5 | +13 19 | 8.9 | *9.9* | Ko | 3 | .. | 5555m |
| 91 | *3739* | 53.5 | +13 2 | 10.4 | *10.4* | Ao | 1 | .. | 5555m |
| 92 | 3681 | 53.5 | +11 53 | 7.6 | *7.6* | Ao | 3 | .. | 37202i |
| 93 | 3912 | 53.5 | + 7 15 | 8.7 | *9.2* | F8 | 2 | .. | 39461b |
| 94 | 3988 | 53.5 | + 6 23 | 9.0 | *9.8* | G5 | 2 | .. | 40333b |
| 95 | 3989 | 53.5 | + 6 7 | 6.38 | *6.80* | F5 | 7 | .. | 38537i |
| 96 | 3996 | 53.5 | + 5 36 | 8.9 | *9.9* | Ko | 3 | .. | 40333b |
| 97 | 3610 | 53.5 | − 1 45 | 9.4 | *9.4* | Ao | 3 | .. | 38111b |
| 98 | 4792 | 53.5 | − 8 19 | 10.3 | *10.6* | Fo | 3 | .. | 38112b |
| 99 | 5154 | 53.5 | −18 27 | 10.1 | *10.1* | Ao | 2 | .. | 23765b |
| 100 | 5209 | 53.5 | −21 31 | 9.9 | 9.8 | Go | 2 | .. | 38105b |



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1922AnHar..97....1C



## 176100 — 18h 53m.5

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 13669 | 53.5 | −26 9 | 9.5 | 9.6 | A2 | 3 | .. | 40632b |
| 2 | 14755 | 53.5 | −32 26 | 8.6 | 8.4 | Ao | 5 | .. | 39273b |
| 3 | 13274 | 53.5 | −41 35 | 9.3 | 9.7 | F8 | 2 | .. | 38141b |
| 4 | 13820 | 53.5 | −42 56 | 9.5 | 10.0 | G5 | 2 | .. | 38141b |
| 5 | 12274 | 53.5 | −50 19 | 7.9 | 9.4 | Ko | 6 | .. | 39661b |
| 6 | 11871 | 53.5 | −51 19 | 9.3 | 10.3 | Ko | 3 | .. | 39661b |
| 7 | 11324 | 53.5 | −52 9 | *10.1* | 10.6 | F8 | 2 | .. | 39661b |
| 8 | 11325 | 53.5 | −52 38 | *10.1* | 11.2 | K2 | 1 | .. | 39661b |
| 9 | 8953 | 53.5 | −55 47 | 8.5 | 9.2 | Ao | 3 | .. | 40463b |
| 10 | 9291 | 53.5 | −57 6 | 8.0 | 8.9 | G5 | 4 | .. | 40463b |
| 11 | 3200 | 53.6 | +42 24 | 8.7 | *9.1* | F5 | 3 | .. | 37348i |
| 12 | 3918 | 53.6 | + 8 24 | 7.5 | *7.8* | Fo | 4 | .. | 38537i |
| 13 | 3744 | 53.6 | + 2 28 | 8.9 | *9.3* | F5 | 4 | .. | 13724b |
| 14 | 3840 | 53.6 | + 1 46 | 8.5 | *8.5* | Ao | 5 | .. | 13424b |
| 15 | 3839 | 53.6 | + 1 11 | 9.4 | *9.5* | A2 | 2 | .. | 13424b |
| 16 | 3612 | 53.6 | − 0 36 | 9.7 | *10.7* | Ko | 2 | .. | 38111b |
| 17 | 3611 | 53.6 | − 1 10 | 9.4 | *9.7* | F2 | 4 | .. | 38111b |
| 18 | 4650 | 53.6 | − 4 52 | 7.55 | *8.05* | F8 | 8 | .. | 38111b |
| 19 | 4829 | 53.6 | − 5 43 | 9.7 | *9.7* | Ao | 4 | .. | 38111b |
| 20 | 4989 | 53.6 | − 6 55 | 9.4 | *9.8* | F5 | 3 | .. | 38111b |
| 21 | 4794 | 53.6 | − 8 23 | 9.4 | *10.4* | Ko | 3 | .. | 38112b |
| 22 | 5156 | 53.6 | −18 1 | 8.1 | *8.1* | B9 | 8 | .. | 23765b |
| 23 | 5155 | 53.6 | −18 42 | 6.34 | *7.12* | G5 | 4 | 5,10 | 10085b |
| 24 | 5255 | 53.6 | −19 25 | 6.70 | 7.9 | Ma | 3 | 5,7 | 10085b |
| 25 | R | 53.6 | −19 30 | *9.7* | 10.8 | K2 | 2 | .. | 23765b |
| 26 | *4938* | 53.6 | −21 58 | 8.5 | 9.2 | Ko | 4 | .. | 38105b |
| 27 | 16516 | 53.6 | −30 10 | 9.2 | 10.4 | Ko | 1 | .. | 39273b |
| 28 | 14756 | 53.6 | −32 23 | 7.9 | 8.1 | F8 | 6 | .. | 39273b |
| 29 | 13081 | 53.6 | −35 3 | 8.63 | 8.8 | A3 | 5 | .. | 40737b |
| 30 | 643 | 53.7 | +81 6 | 8.3 | *9.4* | K2 | 1 | E | 37294i |
| 31 | 2585 | 53.7 | +46 37 | 7.08 | *7.14* | A2 | 8 | .. | 37348i |
| 32 | 3362 | 53.7 | +38 39 | 7.6 | *8.8* | K5 | 2 | .. | 38520i |
| 33 | 3339 | 53.7 | +36 20 | 6.69 | *7.76* | K2 | 4 | .. | 37845i |
| 34 | 3681 | 53.7 | +16 4 | 9.7 | *9.8* | A2 | 3 | .. | 5555m |
| 35 | 3833 | 53.7 | +13 45 | 10.4 | *10.4* | A | 1 | .. | 5555m |
| 36 | 3920 | 53.7 | + 8 17 | 8.7 | *8.7* | Ao | 4 | .. | 39461b |
| 37 | 3841 | 53.7 | + 1 59 | 8.6 | *9.0* | F5 | 4 | .. | 13424b |
| 38 | 3613 | 53.7 | − 0 52 | 10.0 | *10.6* | Go | 2 | .. | 38111b |
| 39 | 4809 | 53.7 | − 2 51 | 9.9 | *10.2* | F2 | 2 | .. | 38111b |
| 40 | 4796 | 53.7 | − 7 44 | 10.3 | *10.3* | B9 | 3 | .. | 38112b |
| 41 | 4935 | 53.7 | − 9 7 | 7.42 | *7.84* | F5 | 5 | 3,8 | 38080b |
| 42 | 4936 | 53.7 | − 9 42 | 9.7 | *10.0* | Fo | 2 | .. | 38080b |
| 43 | 5170 | 53.7 | −13 47 | 9.7 | *10.9* | K5 | 1 | .. | 38080b |
| 44 | 5245 | 53.7 | −14 14 | 9.7 | *9.7* | B8 | 1 | .. | 38080b |
| 45 | 5107 | 53.7 | −16 0 | 9.7 | *9.7* | B9 | 1 | .. | 38080b |
| 46 | 5256 | 53.7 | −19 49 | 9.13 | 10.3 | Go | 3 | .. | 23765b |
| 47 | 14925 | 53.7 | −23 5 | 10.0 | 10.1 | A5 | 3 | .. | 23765b |
| 48 | 13814 | 53.7 | −33 1 | 7.7 | 9.0 | Ko | 6 | .. | 39273b |
| 49 | 13815 | 53.7 | −33 45 | 8.3 | 8.8 | Ao | 6 | .. | 39273b |
| 50 | 13211 | 53.7 | −36 24 | 8.6 | 8.7 | Ao | 5 | .. | 40737b |
| 51 | 11874 | 53.7 | −51 47 | 8.3 | 9.4 | Go | 7 | .. | 39661b |
| 52 | 2332 | 53.7 | −72 4 | *9.3* | 9.9 | Go | 3 | .. | 42526b |
| 53 | 2720 | 53.8 | +47 31 | 8.6 | *9.1* | F8 | 3 | .. | 37348i |
| 54 | *3415* | 53.8 | +32 0 | 8.7 | *8.7* | Ao | 2 | .. | 37845i |
| 55 | 3799 | 53.8 | +17 14 | 5.37 | *5.79* | F5 | 10 | .. | 37202i |
| 56 | 3684 | 53.8 | +16 55 | 9.4 | *10.6* | K5 | 1 | .. | 5555m |
| 57 | 3614 | 53.8 | − 0 39 | 8.5 | *9.5* | Ko | 7 | .. | 38111b |
| 58 | *4798* | 53.8 | − 6 59 | 7.7 | *7.7* | B9 | 7 | .. | 38111b |
| 59 | 4799 | 53.8 | − 7 17 | 8.7 | *8.7* | B9 | 4 | .. | 38111b |
| 60 | 4795 | 53.8 | − 8 18 | 8.7 | *9.8* | K2 | 4 | .. | 38112b |
| 61 | 4937 | 53.8 | − 9 41 | 9.9 | *9.9* | B9 | 1 | .. | 38080b |
| 62 | *5172* | 53.8 | −12 58 | 5.36 | *5.24* | B5 | .. | .. | 56,96 |
| 63 | 5355 | 53.8 | −20 23 | 10.3 | 10.3 | Ao | 2 | .. | 23765b |
| 64 | 14904 | 53.8 | −24 32 | 8.3 | 8.5 | B8 | 8 | .. | 23765b |
| 65 | 15248 | 53.8 | −28 11 | 7.71 | 7.9 | A2 | 8 | .. | 40632b |
| 66 | 15249 | 53.8 | −28 50 | 7.9 | 8.7 | F5 | 6 | .. | 40632b |
| 67 | 13309 | 53.8 | −34 10 | 9.0 | 9.4 | Ko | 3 | .. | 39273b |
| 68 | 13276 | 53.8 | −41 33 | 8.3 | 8.9 | G5 | 4 | .. | 38141b |
| 69 | 13824 | 53.8 | −42 18 | 9.2 | 8.8 | F5 | 4 | .. | 38141b |
| 70 | 12755 | 53.8 | −46 22 | 9.9 | 9.9 | Go | 3 | .. | 38141b |
| 71 | 11329 | 53.8 | −52 34 | *11.1* | 11.2 | A3 | 1 | .. | 39661b |
| 72 | 4467 | 53.8 | −63 2 | *7.4* | 8.2 | G5 | 5 | .. | 42464b |
| 73 | 3023 | 53.9 | +44 57 | 9.5 | *9.9* | F5 | 2 | .. | 37348i |
| 74 | 3271 | 53.9 | +32 51 | 8.0 | *8.3* | Fo | 6 | .. | 37845i |
| 75 | *3854* | 53.9 | +20 0 | 8.55 | *8.61* | A2 | 2 | .. | 38511i |
| 76 | 3639 | 53.9 | +15 27 | 9.2 | *10.6* | Ma | 1 | .. | 5555m |
| 77 | 3730 | 53.9 | +14 47 | 10.4 | *10.4* | Ao | 2 | .. | 5555m |
| 78 | 3998 | 53.9 | + 5 59 | 8.6 | *8.7* | A3 | 5 | .. | 40333b |
| 79 | 3997 | 53.9 | + 5 5 | 10.0 | *10.4* | F5 | 1 | .. | 40333b |
| 80 | 3856 | 53.9 | + 3 22 | 9.1 | *9.1* | Ao | 5 | .. | 40333b |
| 81 | 4900 | 53.9 | −10 23 | 9.1 | *9.1* | B8 | 3 | .. | 38080b |
| 82 | 4901 | 53.9 | −10 44 | 8.1 | *9.1* | Ko | 3 | .. | 38080b |
| 83 | 4832 | 53.9 | −11 23 | 9.4 | *9.4* | Ao | 1 | .. | 38080b |
| 84 | 5173 | 53.9 | −13 1 | 9.7 | *10.7* | Ko | 1 | .. | 38080b |
| 85 | 5246 | 53.9 | −14 14 | 9.4 | *9.4* | B8 | 3 | .. | 38080b |
| 86 | 5108 | 53.9 | −16 15 | 7.9 | *8.9* | Ko | 5 | .. | 38080b |
| 87 | 5157 | 53.9 | −18 35 | 8.7 | *9.9* | K5 | 4 | .. | 23765b |
| 88 | 5210 | 53.9 | −21 53 | 10.1 | 9.8 | A2 | 3 | .. | 38105b |
| 89 | 4939 | 53.9 | −22 17 | 11.0 | 10.1 | Ao | 2 | .. | 23765b |
| 90 | 14761 | 53.9 | −32 22 | 8.3 | 9.3 | G5 | 4 | .. | 39273b |
| 91 | 13050 | 53.9 | −39 42 | 7.9 | 10.5 | Ao | 6 | .. | 40737b |
| 92 | 13827 | 53.9 | −42 58 | 9.9 | 9.7 | Ao | 3 | .. | 38141b |
| 93 | 12756 | 53.9 | −46 39 | 9.5 | 9.3 | A5 | 4 | .. | 38141b |
| 94 | 12276 | 53.9 | −50 20 | 9.5 | 9.8 | G5 | 4 | .. | 39661b |
| 95 | 6303 | 53.9 | −61 24 | 8.5 | 9.6 | Ko | 4 | .. | 42464b |
| 96 | 1739 | 53.9 | −74 54 | 7.35 | 7.9 | B9 | 9 | .. | 42526b |
| 97 | *1142* | 54.0 | +67 1 | 7.42 | *7.42* | Ao | 6 | .. | 37907i |
| 98 | 3686 | 54.0 | +16 19 | 9.7 | *10.8* | K2 | 1 | .. | 5555m |
| 99 | 3640 | 54.0 | +15 10 | 8.89 | *9.89* | Ko | 3 | .. | 5555m |
| 100 | 3729 | 54.0 | +14 14 | var. | var. | Nb | 2 | R | 9634m |



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## 176200 — $18^h\,54^m.0$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4652 | 54.0 | − 4 55 | 10.1 | *10.2* | A2 | 2 | .. | 38111b |
| 2 | 5166 | 54.0 | −15 27 | 8.9 | *9.0* | A5 | 4 | .. | 38080b |
| 3 | 14928 | 54.0 | −23 12 | 8.9 | 9.2 | F8 | 6 | .. | 23765b |
| 4 | 13681 | 54.0 | −26 19 | 8.3 | 9.3 | Ko | 4 | .. | 40632b |
| 5 | 14762 | 54.0 | −32 15 | 8.3 | 9.3 | G5 | 4 | .. | 39273b |
| 6 | 13054 | 54.0 | −39 13 | 7.5 | 8.5 | Ko | 4 | .. | 40737b |
| 7 | 9432 | 54.0 | −53 39 | *9.7* | 10.7 | Ko | 1 | .. | 39661b |
| 8 | 3410 | 54.0 | −66 25 | *9.2* | 10.2 | Ko | 1 | .. | 42464b |
| 9 | 2799 | 54.1 | +45 43 | 7.21 | *7.21* | Ao | 7 | .. | 37348i |
| 10 | 3275 | 54.1 | +32 43 | 8.6 | *9.6* | K | 1 | .. | 37845i |
| 11 | 3682 | 54.1 | +25 13 | 9.16 | *9.72* | Go | 3 | .. | 37848i |
| 12 | 3595 | 54.1 | +24 34 | 7.46 | *7.44* | B9 | 4 | .. | 37848i |
| 13 | 3510 | 54.1 | +23 42 | 8.6 | *9.2* | Go | 2 | .. | 37848i |
| 14 | 3894 | 54.1 | +18 45 | 7.9 | *7.9* | A | 2 | E | 37202i |
| 15 | 3893 | 54.1 | +18 23 | 7.9 | *8.9* | K | 2 | E | 37202i |
| 16 | 3731 | 54.1 | +14 23 | 9.7 | *10.7* | Ko | 1 | .. | 5555m |
| 17 | 3857 | 54.1 | + 3 17 | 8.9 | *8.9* | Ao | 4 | .. | 40333b |
| 18 | 3619 | 54.1 | − 0 53 | 10.0 | *10.5* | F8 | 3 | .. | 38111b |
| 19 | 3613 | 54.1 | − 1 30 | 8.5 | *8.6* | A5 | 6 | .. | 38111b |
| 20 | 4830 | 54.1 | − 5 36 | 8.6 | *8.9* | F2 | 6 | .. | 38111b |
| 21 | *4803* | 54.1 | − 6 58 | 10.8 | *10.8* | Ao | 1 | .. | 38111b |
| 22 | 5259 | 54.1 | −19 24 | 10.1 | 10.8 | K | 1 | .. | 23765b |
| 23 | 5258 | 54.1 | −19 27 | 9.1 | 9.0 | F5 | 5 | .. | 23765b |
| 24 | 9435 | 54.1 | −53 6 | 8.8 | 10.4 | F2 | 3 | .. | 39661b |
| 25 | 6305 | 54.1 | −61 15 | 8.6 | 8.8 | F2 | 6 | .. | 42464b |
| 26 | 1036 | 54.2 | +70 20 | 8.1 | *9.3* | K5 | 2 | .. | 38029i |
| 27 | 1920 | 54.2 | +57 30 | 8.8 | *9.9* | K2 | 1 | .. | 38518i |
| 28 | 2164 | 54.2 | +56 30 | 8.1 | *9.3* | K5 | 2 | .. | 38518i |
| 29 | 3196 | 54.2 | +41 58 | 7.42 | *7.70* | Fo | 5 | .. | 37348i |
| 30 | *3183* | 54.2 | +28 1 | 7.6 | *8.6* | Ko | 3 | .. | 37848i |
| 31 | 3642 | 54.2 | +15 42 | 10.0 | *10.3* | F | 1 | .. | 5555m |
| 32 | 3838 | 54.2 | +13 46 | 5.94 | *6.02* | A3p | .. | 2, R | **56**,96 |
| 33 | 3918 | 54.2 | + 7 35 | 9.4 | *9.4* | B9 | 1 | .. | 39461b |
| 34 | 3919 | 54.2 | + 7 7 | 8.4 | *8.9* | F8 | 4 | .. | 39461b |
| 35 | 4001 | 54.2 | + 5 19 | 9.2 | *9.3* | A3 | 2 | .. | 40333b |
| 36 | 3614 | 54.2 | − 1 52 | 9.7 | *10.2* | F8 | 2 | .. | 38111b |
| 37 | 4813 | 54.2 | − 2 1 | 9.2 | *9.2* | Ao | 4 | .. | 38111b |
| 38 | 4939 | 54.2 | − 9 27 | 9.9 | *9.9* | B8 | 2 | .. | 38080b |
| 39 | 4940 | 54.2 | − 9 45 | 10.1 | *10.1* | Ao | 1 | .. | 38080b |
| 40 | 4902 | 54.2 | −10 16 | 9.4 | *9.7* | Fo | 2 | .. | 38080b |
| 41 | 5175 | 54.2 | −13 40 | 9.2 | *9.2* | Ao | 3 | .. | 38080b |
| 42 | 5248 | 54.2 | −14 49 | 9.16 | *9.50* | F2 | 3 | .. | 38080b |
| 43 | 5159 | 54.2 | −18 21 | 10.1 | *10.5* | F5 | 2 | .. | 23765b |
| 44 | 5260 | 54.2 | −19 3 | 11.0 | 10.8 | Ao | 2 | .. | 23765b |
| 45 | 14908 | 54.2 | −24 32 | 9.5 | 10.8 | K5 | 2 | .. | 23765b |
| 46 | 13614 | 54.2 | −25 5 | 6.38 | 7.7 | Ko | .. | 0,10 | **56**,143 |
| 47 | 13094 | 54.2 | −35 1 | 8.38 | 9.0 | G5 | 4 | .. | 40737b |
| 48 | 13046 | 54.2 | −44 53 | 9.9 | 11.1 | K2 | 1 | .. | 39471b |
| 49 | 12672 | 54.2 | −47 6 | 9.3 | 10.4 | K2 | 1 | .. | 41441b |
| 50 | 6018 | 54.2 | −62 46 | *8.0* | 8.4 | F5 | 4 | .. | 42464b |
| 51 | 1857 | 54.3 | +60 48 | 7.8 | *9.0* | K5 | 3 | .. | 38518i |
| 52 | 3513 | 54.3 | +23 39 | 7.42 | *8.42* | Ko | 4 | .. | 37848i |
| 53 | 3514 | 54.3 | +23 4 | 8.6 | *9.1* | F8 | 2 | .. | 38511i |
| 54 | 4007 | 54.3 | +20 29 | 6.72 | *6.55* | B3 | 7 | .. | 37848i |
| 55 | 3839 | 54.3 | +13 15 | 9.7 | *10.5* | G5 | 1 | .. | 5555m |
| 56 | 3950 | 54.3 | + 9 55 | 8.72 | *9.22* | F8 | 3 | .. | 40333b |
| 57 | 3924 | 54.3 | + 8 34 | 9.0 | *9.0* | B9 | 2 | .. | 39461b |
| 58 | 3843 | 54.3 | + 1 16 | 8.1 | *8.1* | B9 | 10 | .. | 13424b |
| 59 | 3616 | 54.3 | − 1 33 | 9.7 | *10.7* | Ko | 2 | .. | 38111b |
| 60 | 4993 | 54.3 | − 6 13 | 9.7 | *10.1* | F5 | 2 | .. | 38111b |
| 61 | 5168 | 54.3 | −15 51 | 8.5 | *8.5* | B9 | 6 | .. | 38080b |
| 62 | 5169 | 54.3 | −15 54 | 9.4 | *10.8* | Ma | 1 | .. | 38080b |
| 63 | 5109 | 54.3 | −16 21 | 9.4 | *10.0* | Go | 1 | .. | 38080b |
| 64 | 5161 | 54.3 | −18 47 | 10.6 | *11.8* | K5 | 1 | .. | 23765b |
| 65 | 5214 | 54.3 | −21 54 | 10.3 | 10.1 | A3 | 3 | .. | 23765b |
| 66 | 13447 | 54.3 | −27 47 | 7.9 | 8.1 | Ao | 6 | .. | 40632b |
| 67 | 14765 | 54.3 | −32 54 | 9.7 | 9.3 | F8 | 2 | .. | 39273b |
| 68 | 13095 | 54.3 | −35 52 | 8.6 | 10.5 | Ma | .. | .. | M |
| 69 | 13017 | 54.3 | −37 12 | 6.84 | 6.0 | B8 | .. | R | **56**,143 |
| 70 | 13018 | 54.3 | −37 12 | 6.62 | | B8 | | | |
| 71 | 13271 | 54.3 | −38 45 | 8.9 | 10.9 | K2 | 2 | .. | 40427b |
| 72 | 13833 | 54.3 | −42 4 | 9.3 | 10.0 | G5 | 3 | .. | 39471b |
| 73 | 13835 | 54.3 | −42 58 | 9.0 | 9.7 | G5 | 3 | .. | 38141b |
| 74 | 12926 | 54.3 | −45 16 | 7.76 | 8.5 | Ko | 6 | .. | 38141b |
| 75 | *12758* | 54.3 | −45 59 | 10.6 | 10.2 | A5 | 2 | .. | 38141b |
| 76 | 11877 | 54.3 | −51 38 | 9.5 | 10.6 | Ko | 2 | .. | 39661b |
| 77 | 11330 | 54.3 | −52 49 | 8.9 | 10.0 | G5 | 3 | .. | 39661b |
| 78 | 9436 | 54.3 | −53 39 | 8.3 | 9.0 | Go | 8 | .. | 39661b |
| 79 | 9215 | 54.3 | −54 13 | *9.3* | 10.7 | Ma | 1 | .. | 39661b |
| 80 | 6019 | 54.3 | −62 28 | *9.0* | 9.0 | Ao | 3 | .. | 42464b |
| 81 | 796 | 54.4 | +74 20 | 8.5 | *8.8* | F2 | 3 | R | 38044i |
| 82 | 914 | 54.4 | +71 39 | 6.94 | *7.00* | A2 | 4 | .. | 38044i |
| 83 | 3685 | 54.4 | +25 55 | 8.2 | *8.2* | B9 | 4 | .. | 37848i |
| 84 | 3683 | 54.4 | +25 6 | 7.91 | *9.09* | K5 | 2 | .. | 37848i |
| 85 | 3840 | 54.4 | +13 35 | 9.2 | *9.7* | F8 | 2 | .. | 5555m |
| 86 | 3859 | 54.4 | + 3 53 | 9.0 | *9.4* | F5 | 3 | .. | 40333b |
| 87 | *4439* | 54.4 | − 2 58 | 7.41 | *7.41* | Ao | 3 | 1,9 | 38492i |
| 88 | 4653 | 54.4 | − 4 8 | 8.8 | *9.4* | Go | 5 | .. | 38111b |
| 89 | 4655 | 54.4 | − 4 24 | 10.1 | *10.1* | Ao | 2 | .. | 38111b |
| 90 | 4806 | 54.4 | − 7 2 | 9.7 | *10.2* | F8 | 2 | .. | 38111b |
| 91 | 5406 | 54.4 | −17 44 | 9.9 | *9.9* | Ao | 4 | .. | 23765b |
| 92 | 5162 | 54.4 | −18 5 | 9.1 | *9.4* | F2 | 4 | .. | 23765b |
| 93 | 13827 | 54.4 | −33 22 | 7.29 | 7.8 | Fo | 8 | .. | 39273b |
| 94 | 13061 | 54.4 | −39 6 | 9.9 | 9.5 | Fo | 3 | .. | 40427b |
| 95 | 13051 | 54.4 | −44 15 | 8.7 | 9.7 | A5 | 6 | .. | 38141b |
| 96 | 11333 | 54.4 | −52 16 | *9.3* | 10.3 | Ko | 2 | .. | 39661b |
| 97 | 9293 | 54.4 | −57 56 | 8.6 | 8.9 | Fo | 3 | .. | 40463b |
| 98 | 995 | 54.4 | −79 38 | *7.6* | 8.6 | Ko | 2 | .. | 14161b |
| 99 | 832 | 54.4 | −81 22 | *8.9* | 9.2 | F2 | 1 | .. | 14161b |
| 100 | 2801 | 54.5 | +45 43 | 8.1 | *9.3* | K5 | 3 | .. | 37348i |



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1922AnHar..97....1C



## 176300 — $18^h\,54^m.5$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3858 | 54.5 | +19 39 | 6.22 | *6.17* | B8 | 7 | 2,8 | 37202i |
| 2 | 3688 | 54.5 | +16 42 | 10.0 | *11.1* | K2 | 1 | .. | 5555m |
| 3 | 3841 | 54.5 | +13 30 | 5.37 | *5.79* | F5 | 10 | .. | 37202i |
| 4 | *3951* | 54.5 | +10 0 | 6.52 | *6.40* | B5 | 7 | 0,7 | 38537i |
| 5 | 4002 | 54.5 | + 5 6 | 8.41 | *8.47* | A2 | 7 | .. | 40333b |
| 6 | 4815 | 54.5 | − 2 45 | 9.7 | *9.7* | Ao | 3 | .. | 38111b |
| 7 | 4657 | 54.5 | − 4 9 | 9.2 | *9.5* | Fo | 4 | .. | 38111b |
| 8 | 5235 | 54.5 | −12 5 | 9.4 | *9.4* | Ao | 1 | .. | 38080b |
| 9 | 5236 | 54.5 | −12 45 | 8.9 | *8.9* | Ao | 4 | .. | 38080b |
| 10 | 14939 | 54.5 | −23 1 | 8.9 | 8.3 | Ao | 9 | .. | 23765b |
| 11 | 13225 | 54.5 | −36 6 | 8.9 | 9.4 | Ko | 3 | .. | 40737b |
| 12 | 12282 | 54.5 | −50 31 | 9.9 | 10.3 | F8 | 2 | .. | 39661b |
| 13 | 11334 | 54.5 | −52 41 | *9.3* | 10.3 | Ko | 2 | .. | 39661b |
| 14 | 9439 | 54.5 | −53 36 | *9.7* | 10.7 | Ko | 1 | .. | 39661b |
| 15 | 2598 | 54.5 | −70 12 | *8.8* | 9.9 | K2 | 1 | .. | 41442b |
| 16 | 2463 | 54.6 | +51 21 | 7.8 | *7.8* | Ao | 3 | .. | 37884i |
| 17 | 3124 | 54.6 | +43 16 | 9.0 | *9.1* | A2 | 3 | .. | 37348i |
| 18 | 3373 | 54.6 | +38 7 | 5.75 | *5.70* | B8 | 9 | *3,9* | 38520i |
| 19 | 3345 | 54.6 | +36 28 | 8.0 | *8.0* | B9 | 3 | .. | 37845i |
| 20 | 3687 | 54.6 | +25 19 | 8.6 | *8.6* | A | 2 | .. | 37848i |
| 21 | 3733 | 54.6 | +14 59 | 7.59 | *7.59* | Ao | 5 | .. | 37202i |
| 22 | 3842 | 54.6 | +13 46 | 10.0 | *11.2* | K5 | 1 | .. | 5555m |
| 23 | 3921 | 54.6 | + 7 18 | 9.2 | *9.2* | B9 | 1 | .. | 39461b |
| 24 | 4831 | 54.6 | − 5 32 | 9.7 | *10.2* | F8 | 2 | .. | 38111b |
| 25 | *4943* | 54.6 | − 8 58 | 9.1 | *10.1* | Ko | 2 | .. | 38112b |
| 26 | 5237 | 54.6 | −12 25 | 8.5 | *9.7* | K5 | 2 | .. | 38080b |
| 27 | 5110 | 54.6 | −16 34 | 9.7 | *10.5* | G5 | 1 | .. | 38080b |
| 28 | 5409 | 54.6 | −17 38 | 7.9 | *8.2* | F2 | 8 | .. | 23765b |
| 29 | 5408 | 54.6 | −17 51 | 10.6 | *10.6* | Ao | 2 | .. | 23765b |
| 30 | 5165 | 54.6 | −18 15 | 10.8 | *10.8* | Ao | 2 | .. | 23765b |
| 31 | 5261 | 54.6 | −19 23 | 10.6 | *11.6* | K | 1 | .. | 23765b |
| 32 | 5358 | 54.6 | −20 2 | 8.83 | 8.9 | B8 | 6 | .. | 23765b |
| 33 | 5359 | 54.6 | −20 36 | 10.6 | 10.6 | Ao | 2 | .. | 23765b |
| 34 | 14941 | 54.6 | −23 25 | 10.7 | 10.4 | A3 | 4 | .. | 23765b |
| 35 | 13618 | 54.6 | −25 51 | 10.0 | 9.9 | F5 | 2 | .. | 40632b |
| 36 | 13692 | 54.6 | −26 48 | 8.7 | 9.7 | Ko | 2 | .. | 40632b |
| 37 | 13065 | 54.6 | −39 55 | 8.6 | 9.2 | G5 | 4 | .. | 40427b |
| 38 | 13040 | 54.6 | −43 34 | 9.2 | 9.7 | F5 | 4 | .. | 38141b |
| 39 | 7425 | 54.6 | −59 55 | 9.2 | 9.6 | G5 | 2 | .. | 39381b |
| 40 | 4469 | 54.6 | −63 56 | 7.31 | 7.1 | Ao | 8 | .. | 42464b |
| 41 | 2464 | 54.7 | +51 35 | 7.72 | *8.14* | F5 | 2 | .. | 37884i |
| 42 | 3732 | 54.7 | +14 7 | 10.0 | *10.0* | Ao | 2 | .. | 5555m |
| 43 | *3844* | 54.7 | +14 2 | 10.4 | *11.4* | Ko | 1 | .. | 5555m |
| 44 | 4005 | 54.7 | + 5 43 | 9.1 | *9.2* | A2 | 5 | .. | 40333b |
| 45 | 4998 | 54.7 | − 6 55 | 10.3 | *10.3* | Ao | 3 | .. | 38111b |
| 46 | 4804 | 54.7 | − 8 45 | 10.3 | *10.3* | Ao | 1 | .. | 38112b |
| 47 | 4835 | 54.7 | −11 4 | 9.4 | *10.6* | K5 | 1 | .. | 38080b |
| 48 | 5172 | 54.7 | −15 41 | 10.6 | *10.6* | Ao | 1 | .. | 38080b |
| 49 | 5410 | 54.7 | −17 8 | 8.8 | *9.6* | G5 | 3 | .. | 38080b |
| 50 | 5262 | 54.7 | −19 48 | 7.38 | 8.3 | K2 | 7 | .. | 23765b |
| 51 | 5360 | 54.7 | −20 46 | 9.4 | 8.9 | B9 | 4 | .. | 23765b |
| 52 | 13229 | 54.7 | −36 0 | 10.3 | 9.4 | Fo | 3 | .. | 40737b |
| 53 | 9221 | 54.7 | −54 21 | 8.5 | 9.2 | Go | 7 | .. | 39661b |
| 54 | 9295 | 54.7 | −57 8 | 7.08 | 7.8 | Ko | 7 | .. | 40463b |
| 55 | 3378 | 54.8 | +38 13 | 8.2 | *8.3* | A2 | 2 | .. | 38520i |
| 56 | 3282 | 54.8 | +32 51 | 9.1 | *9.1* | A | 2 | .. | 37845i |
| 57 | 3280 | 54.8 | +32 14 | 8.6 | *8.9* | F | 2 | .. | 37845i |
| 58 | 3644 | 54.8 | +15 35 | 10.4 | *11.6* | K5 | 1 | .. | 5555m |
| 59 | 3846 | 54.8 | +13 48 | 9.7 | *9.8* | A2 | 3 | .. | 5555m |
| 60 | 4658 | 54.8 | − 4 30 | 9.1 | *10.3* | K5 | 1 | .. | 38111b |
| 61 | 4806 | 54.8 | − 8 33 | 8.7 | *8.7* | B9 | 6 | .. | 38112b |
| 62 | 5179 | 54.8 | −13 34 | 8.7 | *9.3* | Go | 3 | .. | 38080b |
| 63 | 5216 | 54.8 | −21 43 | 9.7 | 9.3 | A2 | 4 | .. | 23765b |
| 64 | 14945 | 54.8 | −23 26 | 9.3 | 10.3 | G5 | 3 | .. | 23765b |
| 65 | 14916 | 54.8 | −24 47 | 9.3 | 8.5 | Ao | 5 | .. | 23765b |
| 66 | 13623 | 54.8 | −25 52 | 9.5 | 9.3 | A5 | 3 | .. | 40632b |
| 67 | 15269 | 54.8 | −28 51 | 7.9 | 9.0 | F8 | 5 | .. | 40632b |
| 68 | 13104 | 54.8 | −35 11 | 9.3 | 9.1 | Fo | 3 | .. | 40737b |
| 69 | 11882 | 54.8 | −51 0 | 9.2 | 10.3 | Ko | 4 | .. | 39661b |
| 70 | 9223 | 54.8 | −54 43 | 8.2 | 8.6 | Fo | 4 | .. | 40463b |
| 71 | 7558 | 54.8 | −58 4 | 7.4 | 8.1 | Ko | 7 | .. | 40463b |
| 72 | 2363 | 54.8 | −71 44 | *9.5* | 10.7 | K5 | 2 | .. | 42526b |
| 73 | *605* | 54.9 | +80 2 | 8.30 | *9.08* | G5 | 1 | .. | 38044i |
| 74 | 1664 | 54.9 | +62 15 | 8.1 | *9.3* | K5 | 1 | .. | 37907i |
| 75 | 3348 | 54.9 | +36 17 | 8.0 | *8.1* | A3 | 2 | .. | 37845i |
| 76 | *3375* | 54.9 | +35 0 | 8.74 | *9.74* | K | 1 | .. | 37845i |
| 77 | *3423* | 54.9 | +30 2 | 6.55 | *7.11* | Go | 6 | .. | 37845i |
| 78 | 3929 | 54.9 | + 8 34 | 9.2 | *9.2* | B9 | 2 | .. | 39461b |
| 79 | 4807 | 54.9 | − 8 28 | 9.7 | *9.8* | A2 | 3 | .. | 38112b |
| 80 | 5414 | 54.9 | −17 21 | 8.7 | *9.9* | K5 | 2 | .. | 38080b |
| 81 | 5361 | 54.9 | −20 0 | 9.38 | 9.8 | Fo | 3 | .. | 23765b |
| 82 | R | 54.9 | −22 57 | 9.7 | 9.8 | Fo | 4 | .. | 23765b |
| 83 | 13322 | 54.9 | −34 30 | 7.9 | 8.5 | F5 | 6 | .. | 40737b |
| 84 | 13321 | 54.9 | −34 39 | 7.5 | 7.9 | F2 | 7 | .. | 40737b |
| 85 | 13232 | 54.9 | −36 22 | 8.9 | 9.1 | Fo | 4 | .. | 40737b |
| 86 | 13023 | 54.9 | −37 2 | 6.88 | 7.0 | Ao | 9 | .. | 40737b |
| 87 | 12764 | 54.9 | −46 47 | 10.1 | 9.3 | Ao | 5 | .. | 41441b |
| 88 | 11883 | 54.9 | −51 12 | 10.3 | 10.6 | Ao | 2 | .. | 39661b |
| 89 | 11884 | 54.9 | −51 44 | 9.3 | 9.7 | A2 | 4 | .. | 39661b |
| 90 | 3026 | 55.0 | +44 52 | 7.97 | *8.05* | A3 | 5 | .. | 37348i |
| 91 | 3206 | 55.0 | +42 32 | 8.2 | *8.5* | F2 | 4 | .. | 37348i |
| 92 | 3593 | 55.0 | +39 30 | 7.42 | *7.42* | Ao | 5 | 0,5 | 38520i |
| 93 | 3690 | 55.0 | +16 57 | 8.3 | *8.3* | B9 | 5 | 3,2 | 5555m |
| 94 | 3646 | 55.0 | +15 52 | 10.0 | *10.1* | A5 | 1 | .. | 5555m |
| 95 | 3647 | 55.0 | +15 22 | 9.4 | *9.5* | A3 | 3 | .. | 5555m |
| 96 | 3735 | 55.0 | +14 39 | 9.4 | *9.4* | Ao | 3 | .. | 5555m |
| 97 | 3734 | 55.0 | +14 4 | 9.7 | *9.7* | B9 | 3 | .. | 5555m |
| 98 | .. | 55.0 | +13 43 | .. | .. | A | 1 | .. | 5555m |
| 99 | *4007* | 55.0 | + 6 1 | 7.30 | *8.08* | G5 | 3 | .. | 38537i |
| 100 | 3939 | 55.0 | + 4 28 | 8.3 | *8.3* | B9 | 8 | .. | 40333b |



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1922ApJ...56....1C



## 176400 — $18^h\ 55^m.0$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 4833 | 55.0 | − 5 52 | 10.1 | *11.2* | K2 | 1 | .. | 38111b |
| 2 | 5181 | 55.0 | −13 39 | 9.4 | *10.2* | G5 | 2 | .. | 38080b |
| 3 | *5167* | 55.0 | −17 58 | 9.9 | *10.9* | Ko | 2 | .. | 39391b |
| 4 | 15271 | 55.0 | −28 57 | 9.0 | 10.4 | Ko | 1 | .. | 40632b |
| 5 | *13839* | 55.0 | −32 59 | 8.9 | 9.3 | Fo | 3 | .. | 39273b |
| 6 | 12994 | 55.0 | −40 48 | 7.3 | 6.8 | B8 | 9 | .. | 38141b |
| 7 | 12767 | 55.0 | −46 5 | 10.3 | 10.5 | K5 | 1 | .. | 38141b |
| 8 | 1922 | 55.1 | +57 41 | 5.71 | *6.71* | Ko | 9 | .. | 38518i |
| 9 | 2167 | 55.1 | +56 37 | 7.00 | *7.34* | F2 | 8 | .. | 38518i |
| 10 | 3595 | 55.1 | +39 38 | 7.47 | *8.47* | Ko | 2 | .. | 38520i |
| 11 | 3736 | 55.1 | +14 56 | 4.21 | *5.21* | Ko | .. | R | 56,96 |
| 12 | 3622 | 55.1 | − 0 47 | 9.1 | *9.1* | Ao | 5 | .. | 38111b |
| 13 | 4835 | 55.1 | − 5 31 | 8.7 | *8.7* | Ao | 5 | .. | 38111b |
| 14 | 4809 | 55.1 | − 7 32 | 7.62 | *8.12* | F8 | 7 | .. | 38112b |
| 15 | 4809 | 55.1 | − 8 15 | 8.7 | *9.5* | G5 | 7 | R | 38112b |
| 16 | 4810 | 55.1 | − 8 16 | 9.1 | *9.9* | | | | |
| 17 | 5182 | 55.1 | −13 56 | 9.7 | *9.8* | A2 | 2 | .. | 38080b |
| 18 | 5219 | 55.1 | −21 7 | 10.6 | 11.2 | K | 1 | .. | 23765b |
| 19 | 13457 | 55.1 | −27 41 | 9.2 | 9.3 | G5 | 2 | .. | 40632b |
| 20 | 16556 | 55.1 | −30 33 | 10.7 | 10.5 | Ao | 1 | 0,1 | 40432b |
| 21 | 13329 | 55.1 | −34 11 | 8.9 | 9.4 | Go | 4 | .. | 39273b |
| 22 | 13236 | 55.1 | −36 1 | 7.9 | 7.7 | Ao | 6 | .. | 40737b |
| 23 | 13235 | 55.1 | −36 47 | 8.90 | 9.1 | Ao | 5 | .. | 40737b |
| 24 | 13279 | 55.1 | −38 6 | 8.9 | 10.1 | G5 | 3 | 0,2 | 40427b |
| 25 | 13839 | 55.1 | −42 3 | 6.39 | 6.4 | A2 | .. | .. | 28,214 |
| 26 | 13046 | 55.1 | −43 20 | 9.7 | 10.9 | G5 | 2 | .. | 39471b |
| 27 | 13057 | 55.1 | −44 17 | 8.5 | 9.0 | A3 | 6 | .. | 38141b |
| 28 | 12682 | 55.1 | −47 57 | 9.2 | 9.0 | Ao | 5 | .. | 41441b |
| 29 | 12862 | 55.1 | −48 6 | 7.5 | 8.2 | Ko | 7 | .. | 41441b |
| 30 | 9442 | 55.1 | −53 10 | 9.2 | 9.6 | A3 | 3 | .. | 39661b |
| 31 | 9297 | 55.1 | −57 50 | 9.2 | 9.5 | Ao | 2 | .. | 40463b |
| 32 | 7563 | 55.1 | −58 40 | 9.0 | 9.0 | Ao | 3 | .. | 40463b |
| 33 | 1033 | 55.2 | +68 12 | 9.0 | *9.8* | G5 | 2 | .. | 37907i |
| 34 | 1101 | 55.2 | +67 43 | 8.8 | *9.8* | Ko | 2 | .. | 37907i |
| 35 | 2168 | 55.2 | +56 6 | 8.5 | *9.5* | Ko | 2 | .. | 38518i |
| 36 | 2727 | 55.2 | +47 18 | 8.3 | *8.3* | B9 | 6 | .. | 37348i |
| 37 | 3286 | 55.2 | +32 33 | 3.30 | *3.30* | Aop | .. | R | 5840c |
| 38 | 3865 | 55.2 | +19 21 | 7.40 | *7.38* | B9 | 4 | 0,5 | 38511i |
| 39 | 3904 | 55.2 | +18 17 | 7.6 | *7.6* | Ao | 3 | .. | 37202i |
| 40 | 3692 | 55.2 | +16 45 | 9.0 | *9.8* | G5 | 3 | .. | 5555m |
| 41 | 3691 | 55.2 | +16 7 | 6.93 | *7.35* | F5 | 6 | 0,8 | 37202i |
| 42 | *3737* | 55.2 | +15 0 | 8.89 | *8.89* | Ao | 4 | .. | 5555m |
| 43 | 3850 | 55.2 | +13 7 | 9.1 | *9.1* | Ao | 4 | .. | 5555m |
| 44 | 3749 | 55.2 | +12 10 | 7.56 | *8.63* | K2 | 2 | 2,2 | 38537i |
| 45 | 3689 | 55.2 | +11 18 | 7.9 | *8.2* | Fo | 3 | .. | 37202i |
| 46 | 3954 | 55.2 | + 9 16 | 9.1 | *9.7* | Go | 2 | .. | 39461b |
| 47 | 3863 | 55.2 | + 3 50 | 9.1 | *10.1* | Ko | 2 | .. | 40333b |
| 48 | 3750 | 55.2 | + 2 28 | 8.9 | *8.9* | B8 | 1 | .. | 13424b |
| 49 | 4660 | 55.2 | − 4 28 | 8.5 | *8.5* | Ao | 5 | .. | 38111b |
| 50 | 4838 | 55.2 | −11 15 | 9.1 | *9.1* | Ao | 2 | .. | 38080b |
| 51 | 5113 | 55.2 | −16 22 | 9.1 | *9.6* | F8 | 3 | .. | 38080b |
| 52 | 5263 | 55.2 | −19 29 | 7.47 | 8.1 | Ko | 8 | .. | 23765b |
| 53 | 5364 | 55.2 | −20 2 | 8.58 | 8.9 | F8 | 5 | .. | 23765b |
| 54 | 4943 | 55.2 | −22 0 | 10.1 | 10.6 | F5 | 3 | .. | 23765b |
| 55 | 14950 | 55.2 | −23 2 | 10.4 | 10.6 | F5 | 2 | .. | 23765b |
| 56 | 14949 | 55.2 | −23 37 | 10.4 | 10.8 | A2 | 2 | .. | 23765b |
| 57 | 16558 | 55.2 | −30 33 | 9.7 | 9.9 | Ao | 1 | 0,1 | 39273b |
| 58 | 13237 | 55.2 | −36 33 | 10.3 | 9.7 | Ao | 2 | .. | 40737b |
| 59 | 13076 | 55.2 | −39 12 | 9.3 | 9.2 | Ao | 3 | .. | 40737b |
| 60 | 13077 | 55.2 | −39 26 | 8.3 | 8.7 | G5 | 4 | .. | 40737b |
| 61 | 12768 | 55.2 | −46 21 | 9.5 | 9.4 | F2 | 5 | .. | 38141b |
| 62 | 7430 | 55.2 | −59 19 | *9.5* | 10.5 | Ko | 1 | .. | 39381b |
| 63 | 7431 | 55.2 | −59 53 | 7.76 | 8.4 | G5 | 5 | .. | 40463b |
| 64 | 1211 | 55.2 | −78 12 | *7.9* | 8.5 | Go | 6 | .. | 42793b |
| 65 | *2592* | 55.3 | +47 4 | 8.1 | *8.7* | Go | 5 | .. | 37348i |
| 66 | 3287 | 55.3 | +32 59 | 6.85 | *6.91* | A2 | 7 | .. | 37845i |
| 67 | 3923 | 55.3 | + 7 57 | 8.9 | *8.9* | B9 | 4 | .. | 39461b |
| 68 | 3751 | 55.3 | + 2 49 | 7.9 | *9.0* | K2 | 3 | .. | 13424b |
| 69 | 4819 | 55.3 | − 2 36 | 8.8 | *9.3* | F8 | 5 | .. | 38111b |
| 70 | 5178 | 55.3 | −15 31 | 9.4 | *10.6* | K5 | 1 | .. | 38080b |
| 71 | 5179 | 55.3 | −15 44 | 10.6 | *11.1* | F8 | 1 | .. | 38080b |
| 72 | 4944 | 55.3 | −22 16 | 9.2 | 10.1 | G5 | 3 | .. | 23765b |
| 73 | 14953 | 55.3 | −23 22 | 8.0 | 8.6 | G5 | 8 | .. | 23765b |
| 74 | 13059 | 55.3 | −44 53 | 10.1 | 9.9 | Ao | 3 | .. | 38141b |
| 75 | 11887 | 55.3 | −51 55 | 8.6 | 8.8 | F8 | 6 | .. | 39661b |
| 76 | 11339 | 55.3 | −52 17 | 9.1 | 10.3 | K2 | 2 | .. | 39661b |
| 77 | 8965 | 55.3 | −55 55 | 8.5 | 9.2 | G5 | 2 | .. | 40463b |
| 78 | *2601* | 55.3 | −69 58 | 8.16 | 8.0 | Ao | 7 | .. | 41442b |
| 79 | 3599 | 55.4 | +24 37 | 9.2 | *10.0* | G5 | 2 | .. | 37848i |
| 80 | 3600 | 55.4 | +24 37 | 9.8 | *10.6* | | | | |
| 81 | 3630 | 55.4 | +21 31 | 8.7 | *9.8* | K2 | 1 | .. | 38511i |
| 82 | 3739 | 55.4 | +14 46 | 8.1 | *8.4* | F2 | 5 | 3,2 | 5555m |
| 83 | 3851 | 55.4 | +13 33 | 9.1 | *9.1* | Ao | 3 | R | 5555m |
| 84 | 3852 | 55.4 | +13 33 | 9.1 | *9.1* | | | | |
| 85 | 3750 | 55.4 | +12 45 | 7.14 | *8.32* | F | 2 | R | 27790i |
| 86 | | 55.4 | +12 45 | | | K5 | 3 | | |
| 87 | 3955 | 55.4 | + 9 16 | 9.7 | *10.7* | Ko | 1 | .. | 39461b |
| 88 | 3849 | 55.4 | + 1 36 | 8.0 | *9.1* | K2 | 5 | .. | 13424b |
| 89 | 5002 | 55.4 | − 6 12 | 9.7 | *9.8* | A2 | 3 | .. | 38111b |
| 90 | 4812 | 55.4 | − 7 41 | 8.5 | *8.5* | B8 | 6 | .. | 38112b |
| 91 | 4811 | 55.4 | − 8 1 | 9.7 | *9.7* | B9 | 3 | .. | 38112b |
| 92 | 14954 | 55.4 | −23 14 | 11.2 | 11.2 | A | 2 | .. | 23765b |
| 93 | 14928 | 55.4 | −24 17 | 8.9 | 9.3 | Go | 5 | .. | 23765b |
| 94 | 16259 | 55.4 | −31 38 | 9.0 | 9.3 | F5 | 3 | .. | 39273b |
| 95 | 14781 | 55.4 | −32 44 | 8.0 | 8.5 | G5 | 7 | .. | 39273b |
| 96 | 13330 | 55.4 | −34 57 | 8.48 | 8.7 | F2 | 5 | .. | 40737b |
| 97 | 13242 | 55.4 | −36 30 | 7.9 | 8.8 | Ao | 7 | .. | 40737b |
| 98 | 13290 | 55.4 | −41 24 | 7.9 | 8.4 | F8 | 6 | .. | 38141b |
| 99 | 12467 | 55.4 | −49 29 | 7.9 | 8.8 | Fo | 4 | .. | 39661b |
| 100 | 9074 | 55.4 | −56 27 | 8.5 | 9.3 | Ko | 2 | .. | 40463b |



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1922AnHar..97....1C



## 176500 — 18h 55m.4

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 9301 | 55.4 | −57 57 | 9.4 | 10.4 | Ko | 1 | .. | 39381b |
| 2 | 3544 | 55.5 | +40 33 | 6.12 | 6.00 | B5 | 9 | 0,9 | 38520i |
| 3 | 3419 | 55.5 | +31 33 | 8.2 | 8.5 | Fo | 4 | .. | 37845i |
| 4 | 3650 | 55.5 | +15 42 | 9.4 | 10.6 | K5 | 1 | .. | 5555m |
| 5 | 3740 | 55.5 | +14 36 | 9.4 | 10.0 | Go | 3 | .. | 5555m |
| 6 | 3942 | 55.5 | + 4 17 | 9.2 | 9.6 | F5 | 2 | .. | 40333b |
| 7 | 4077 | 55.5 | + 0 55 | 8.99 | 9.33 | F2 | 2 | .. | 13424b |
| 8 | 3620 | 55.5 | − 1 54 | 9.4 | 10.4 | Ko | 3 | .. | 38111b |
| 9 | 4814 | 55.5 | − 7 57 | 10.3 | 10.9 | Go | 1 | .. | 38112b |
| 10 | 4812 | 55.5 | − 8 13 | 10.1 | 10.5 | F5 | 2 | .. | 38112b |
| 11 | 5183 | 55.5 | −13 8 | 9.4 | 10.4 | Ko | 1 | .. | 38080b |
| 12 | 5264 | 55.5 | −19 49 | 10.3 | 10.6 | Ko | 2 | .. | 23765b |
| 13 | 4945 | 55.5 | −22 12 | 11.0 | 11.5 | A | 1 | .. | 23765b |
| 14 | 13709 | 55.5 | −26 9 | 7.9 | 8.3 | Ao | 7 | .. | 40632b |
| 15 | 13118 | 55.5 | −35 9 | 7.13 | 8.2 | G5 | 7 | .. | 40737b |
| 16 | 13119 | 55.5 | −35 28 | 8.9 | 9.1 | Fo | 4 | .. | 40737b |
| 17 | 13116 | 55.5 | −35 52 | 9.3 | 9.6 | Ao | 3 | .. | 39273b |
| 18 | 13062 | 55.5 | −44 21 | 10.6 | 10.8 | Fo | 1 | .. | 39471b |
| 19 | 12470 | 55.5 | −49 27 | 9.9 | 10.0 | Ao | 2 | .. | 39661b |
| 20 | 9450 | 55.5 | −53 8 | 9.1 | 10.1 | G5 | 3 | .. | 39661b |
| 21 | 9227 | 55.5 | −54 5 | 9.9 | 9.9 | Ao | 4 | .. | 39661b |
| 22 | 7564 | 55.5 | −58 6 | 6.52 | 7.4 | G5 | 8 | .. | 40463b |
| 23 | 843 | 55.6 | +73 58 | 7.9 | 8.7 | G5 | 3 | .. | 38044i |
| 24 | 915 | 55.6 | +71 10 | 4.91 | 5.91 | Ko | .. | 0,9 R | 56,96 |
| 25 | 1102 | 55.6 | +67 15 | 9.5 | 10.9 | Ma | .. | .. | M |
| 26 | 2730 | 55.6 | +47 43 | 8.0 | 8.4 | F5 | 6 | .. | 37348i |
| 27 | 3418 | 55.6 | +26 5 | 5.28 | 6.28 | Ko | 9 | .. | 37848i |
| 28 | *3853* | 55.6 | +14 1 | 8.6 | 8.7 | A2 | 5 | .. | 5555m |
| 29 | 3935 | 55.6 | + 8 24 | 9.2 | 9.3 | A3 | 1 | .. | 40333b |
| 30 | 3625 | 55.6 | − 0 22 | 7.9 | 8.0 | A2 | 8 | .. | 13424b |
| 31 | 3626 | 55.6 | − 0 36 | 7.22 | 8.00 | G5 | 3 | .. | 38492i |
| 32 | 4815 | 55.6 | − 7 39 | 10.7 | 10.7 | B9 | 1 | .. | 38112b |
| 33 | 4912 | 55.6 | −10 14 | 9.7 | 9.7 | Ao | 2 | .. | 38080b |
| 34 | 5185 | 55.6 | −13 29 | 9.4 | 9.4 | Ao | 4 | .. | 38080b |
| 35 | 5186 | 55.6 | −13 51 | 10.1 | 11.3 | K5 | 1 | .. | 38080b |
| 36 | R | 55.6 | −22 16 | 11.2 | 10.7 | A | 2 | .. | 23765b |
| 37 | 4946 | 55.6 | −22 50 | 6.34 | 8.3 | K5 | 3 | 5,8 | 10085b |
| 38 | 14786 | 55.6 | −32 19 | 9.3 | 9.3 | Go | 3 | .. | 39273b |
| 39 | *13289* | 55.6 | −37 58 | 9.3 | 11.4 | K5 | 1 | .. | 40427b |
| 40 | 13849 | 55.6 | −42 24 | 8.6 | 7.8 | F5 | 5 | .. | 38141b |
| 41 | 3549 | 55.7 | +22 40 | 6.41 | 7.76 | Ma | 5 | .. | 37848i |
| 42 | 3651 | 55.7 | +15 13 | 8.94 | 8.82 | B5 | 4 | .. | 5555m |
| 43 | 3741 | 55.7 | +14 7 | 9.7 | 10.7 | K | 1 | .. | 5555m |
| 44 | 3752 | 55.7 | +12 55 | 8.5 | 8.8 | Fo | 3 | .. | 40421i |
| 45 | 4836 | 55.7 | − 5 40 | 8.5 | 9.1 | Go | 5 | .. | 38111b |
| 46 | 5004 | 55.7 | − 6 45 | 8.7 | 9.8 | K2 | 4 | .. | 38111b |
| 47 | 4817 | 55.7 | − 7 11 | 10.1 | 10.1 | B8 | 3 | .. | 38112b |
| 48 | 4816 | 55.7 | − 7 16 | 10.6 | 11.6 | Ko | 1 | .. | 38112b |
| 49 | 4914 | 55.7 | −10 18 | 9.7 | 9.7 | Ao | 2 | .. | 38080b |
| 50 | 5116 | 55.7 | −16 17 | 8.5 | 8.6 | A2 | 4 | .. | 38080b |
| 51 | 4947 | 55.7 | −22 21 | 10.6 | 10.3 | Ao | 3 | .. | 23765b |
| 52 | 14965 | 55.7 | −23 53 | 10.9 | 10.7 | F5 | 2 | .. | 23765b |
| 53 | 13468 | 55.7 | −27 21 | 10.2 | 9.6 | Ao | 3 | .. | 40632b |
| 54 | 13293 | 55.7 | −38 8 | 8.6 | 9.5 | G5 | 4 | 0,3 | 40427b |
| 55 | 12940 | 55.7 | −45 51 | 7.80 | 7.1 | B9 | 8 | .. | 38141b |
| 56 | 12770 | 55.7 | −46 50 | 9.7 | 9.6 | Ao | 3 | .. | 41441b |
| 57 | 12292 | 55.7 | −50 28 | 7.40 | 8.2 | K2 | 7 | .. | 39661b |
| 58 | 7434 | 55.7 | −59 9 | 9.5 | 10.0 | F8 | 2 | .. | 39381b |
| 59 | 660 | 55.8 | +78 43 | 8.03 | 8.45 | F5 | 3 | .. | 38044i |
| 60 | 1849 | 55.8 | +58 4 | 6.31 | 6.37 | A2 | 10 | .. | 38518i |
| 61 | 3208 | 55.8 | +42 48 | 8.5 | 9.0 | F8 | 3 | .. | 37348i |
| 62 | 3198 | 55.8 | +41 8 | 8.7 | 8.7 | B9 | 2 | .. | 37348i |
| 63 | 3693 | 55.8 | +16 52 | 8.6 | 9.7 | K2 | 3 | .. | 5555m |
| 64 | 3956 | 55.8 | + 9 13 | 8.3 | 9.3 | Ko | 4 | .. | 39461b |
| 65 | 3939 | 55.8 | + 8 25 | 9.1 | 9.1 | Ao | 2 | .. | 40333b |
| 66 | 3943 | 55.8 | + 4 27 | 9.2 | 10.0 | G5 | 2 | .. | 40333b |
| 67 | 3851 | 55.8 | + 1 14 | 8.4 | 9.4 | Ko | 4 | .. | 13424b |
| 68 | 4818 | 55.8 | − 7 39 | 9.9 | 10.9 | Ko | 1 | .. | 38112b |
| 69 | 5256 | 55.8 | −14 40 | 8.9 | 8.9 | B9 | 3 | .. | 38080b |
| 70 | R | 55.8 | −19 49 | 10.0 | 10.8 | G5 | 2 | .. | 23765b |
| 71 | *5369* | 55.8 | −19 58 | 9.03 | 8.9 | A2 | 6 | .. | 23765b |
| 72 | 5221 | 55.8 | −21 5 | 9.1 | 8.9 | Ao | 4 | .. | 23765b |
| 73 | *4948* | 55.8 | −21 57 | 10.6 | 10.7 | A2 | 2 | .. | 23765b |
| 74 | 14967 | 55.8 | −23 0 | 9.7 | 9.8 | Ko | 4 | .. | 23765b |
| 75 | 13469 | 55.8 | −27 14 | 9.5 | 9.9 | A3 | 2 | .. | 40632b |
| 76 | 13127 | 55.8 | −35 17 | 8.6 | 8.8 | Fo | 5 | .. | 40737b |
| 77 | 13294 | 55.8 | −38 26 | 8.3 | 10.1 | Ma | 2 | 5,2 | 40737b |
| 78 | 12692 | 55.8 | −47 11 | 6.88 | 7.6 | Ko | 9 | .. | 41441b |
| 79 | 12472 | 55.8 | −49 35 | 10.3 | 10.0 | F8 | 2 | .. | 39661b |
| 80 | 7567 | 55.8 | −58 7 | 9.3 | 9.9 | Go | 1 | .. | 39381b |
| 81 | 4471 | 55.8 | −63 30 | 9.0 | 9.8 | G5 | 1 | .. | 42464b |
| 82 | 3602 | 55.9 | +39 5 | 6.25 | 6.13 | B5 | 7 | 0,6 | 38520i |
| 83 | 3421 | 55.9 | +26 50 | 6.70 | 6.70 | Ao | 4 | 2,8 | 1600b |
| 84 | 3754 | 55.9 | +12 5 | 7.9 | 8.0 | A2 | 2 | .. | 38537i |
| 85 | 3869 | 55.9 | + 3 52 | 9.2 | 9.2 | Ao | 2 | .. | 40333b |
| 86 | 4446 | 55.9 | − 3 40 | 9.4 | 9.9 | F8 | 2 | .. | 38111b |
| 87 | 4664 | 55.9 | − 4 19 | 10.1 | 10.1 | Ao | 1 | .. | 38111b |
| 88 | 4663 | 55.9 | − 4 34 | 7.10 | 8.17 | K2 | 8 | 3,1 | 38111b |
| 89 | 4837 | 55.9 | − 5 38 | 9.9 | 9.9 | B9 | 2 | .. | 38111b |
| 90 | 4820 | 55.9 | − 7 1 | 8.8 | 9.1 | Fo | 6 | .. | 38111b |
| 91 | 4814 | 55.9 | − 8 36 | 9.9 | 9.9 | B8 | 3 | .. | 38112b |
| 92 | .. | 55.9 | −12 54 | var. | var. | Md | .. | R | M |
| 93 | 5185 | 55.9 | −15 25 | 6.38 | 7.16 | G5 | 6 | 5,10 | 43224b |
| 94 | 5267 | 55.9 | −19 28 | 10.1 | 9.2 | B9 | 5 | .. | 23765b |
| 95 | 13128 | 55.9 | −35 26 | 9.3 | 9.9 | Ko | 2 | .. | 39273b |
| 96 | 13055 | 55.9 | −43 7 | 9.7 | 10.8 | K5 | 1 | .. | 38141b |
| 97 | 1982 | 55.9 | −73 28 | 9.0 | 9.1 | A2 | 3 | .. | 42526b |
| 98 | 1309 | 56.0 | +65 8 | 5.78 | 6.78 | Ko | .. | 0,8- | 56,96 |
| 99 | 3283 | 56.0 | +33 58 | 7.9 | 8.2 | Fo | 4 | .. | 37845i |
| 100 | 3696 | 56.0 | +16 52 | 10.4 | 11.8 | Mb | 4 | .. | 40421i |



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1922AnHar..97....1C



## 176600 — $18^h\ 56^m.0$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. | H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | | | | m. | ° ′ | | | | | | |
| 1 | 3743 | 56.0 | +14 7 | 9.7 | *9.7* | A | 1 | .. | 5555m | 51 | 3854 | 56.2 | + 1 54 | 7.07 | *8.07* | Ko | 8 | .. | 13424b |
| 2 | 3858 | 56.0 | +13 6 | 9.1 | *9.1* | Ao | 3 | .. | 5555m | 52 | 3622 | 56.2 | − 1 52 | 9.67 | *10.67* | Ko | 2 | .. | 38111b |
| 3 | *3945* | 56.0 | + 5 3 | 8.83 | *8.91* | A3 | 4 | .. | 40333b | 53 | 4839 | 56.2 | − 5 7 | 9.7 | *9.8* | A2 | 3 | .. | 38111b |
| 4 | 3870 | 56.0 | + 3 57 | 9.1 | *9.7* | Go | 3 | .. | 40333b | 54 | .. | 56.2 | −13 18 | Nov. | Nov. | Pec. | .. | R | **76**,38 |
| 5 | 4838 | 56.0 | − 5 41 | 10.3 | *10.3* | B9 | 1 | .. | 38111b | 55 | 5260 | 56.2 | −14 27 | 9.7 | *9.7* | B9 | 2 | .. | 38080b |
| 6 | 4815 | 56.0 | − 8 4 | 9.4 | *9.5* | A3 | 3 | .. | 38112b | 56 | 5187 | 56.2 | −15 56 | 9.9 | *9.9* | Ao | 1 | .. | 38080b |
| 7 | 4915 | 56.0 | −10 11 | 9.2 | *9.2* | B9 | 3 | .. | 38080b | 57 | 5423 | 56.2 | −17 13 | 8.9 | *9.5* | Go | 4 | .. | 38080b |
| 8 | 5258 | 56.0 | −14 28 | 10.1 | *10.9* | G5 | 2 | .. | 38080b | 58 | .. | 56.2 | −17 39 | .. | .. | A2 | 1 | .. | 39391b |
| 9 | 5419 | 56.0 | −17 30 | 8.1 | *8.5* | F5 | 8 | .. | 23765b | 59 | 5372 | 56.2 | −20 31 | 9.4 | 10.8 | K2 | 2 | .. | 23765b |
| 10 | 4950 | 56.0 | −22 14 | 8.7 | 8.7 | A2 | 6 | .. | 23765b | 60 | 5223 | 56.2 | −21 48 | 10.1 | 10.6 | F8 | 2 | .. | 23765b |
| 11 | 14938 | 56.0 | −24 42 | 11.2 | 10.3 | Ko | 2 | .. | 23765b | 61 | 14971 | 56.2 | −23 51 | 8.7 | 8.6 | Ao | 7 | .. | 23765b |
| 12 | 15288 | 56.0 | −28 48 | 8.0 | 8.7 | Go | 3 | .. | 40632b | 62 | 13651 | 56.2 | −25 50 | 8.0 | 9.2 | Ko | 4 | 2,4 | 40432b |
| 13 | 15629 | 56.0 | −29 29 | 7.7 | 8.7 | Fo | 6 | .. | 40632b | 63 | 13033 | 56.2 | −37 49 | 9.3 | 10.1 | Ao | 2 | .. | 40427b |
| 14 | 16267 | 56.0 | −31 5 | 7.8 | 9.0 | Ko | 6 | 0,5 | 39273b | 64 | 11893 | 56.2 | −51 9 | 6.01 | 6.4 | K5 | .. | 5,9 | **56**,143 |
| 15 | 13335 | 56.0 | −34 46 | 7.21 | 7.0 | B9 | 8 | .. | 40737b | 65 | 7568 | 56.2 | −58 19 | 8.3 | 9.3 | K2 | 2 | .. | 40463b |
| 16 | 13248 | 56.0 | −36 14 | 7.22 | 7.7 | Ao | 8 | .. | 40737b | 66 | 6318 | 56.2 | −61 50 | 8.3 | 8.2 | Go | 5 | .. | 42464b |
| 17 | 13249 | 56.0 | −36 48 | 8.58 | 9.9 | Ma | 3 | 5,3 | 39273b | 67 | 661 | 56.3 | +78 50 | 7.72 | *8.00* | Fo | 4 | .. | 38044i |
| 18 | 13009 | 56.0 | −40 3 | 9.7 | 9.8 | A3 | 3 | .. | 40427b | 68 | 1669 | 56.3 | +62 16 | 6.44 | *7.44* | Ko | 7 | 0,5 | 37907i |
| 19 | 13010 | 56.0 | −40 13 | 9.3 | 9.5 | A2 | 4 | .. | 40427b | 69 | 3212 | 56.3 | +42 52 | 7.54 | *7.49* | B8 | 7 | .. | 37348i |
| 20 | 13854 | 56.0 | −42 38 | 9.1 | 10.7 | Ma | 1 | .. | 38141b | 70 | *3424* | 56.3 | +32 0 | 5.11 | *6.29* | K5 | 7 | 5,8 R | 38501i |
| 21 | 11347 | 56.0 | −52 1 | *9.9* | 10.0 | A2 | 3 | .. | 39661b | 71 | *3148* | 56.3 | +29 0 | 8.5 | *8.5* | A | 3 | .. | 38501i |
| 22 | 6315 | 56.0 | −61 39 | 7.3 | 8.4 | G5 | 6 | .. | 42464b | 72 | 3146 | 56.3 | +28 56 | 8.1 | *8.1* | A | | .. | 38501i |
| 23 | *710* | 56.1 | +77 1 | 8.6 | *9.0* | F5 | 2 | .. | 38044i | 73 | 3872 | 56.3 | +19 52 | 8.7 | *8.8* | A2 | 2 | .. | 38511i |
| 24 | 2170 | 56.1 | +56 17 | 7.9 | *8.0* | A2 | 5 | .. | 38518i | 74 | 3745 | 56.3 | +14 25 | 7.9 | *7.9* | B9 | 6 | 3,4 | 5555m |
| 25 | 2807 | 56.1 | +45 18 | 8.7 | *9.2* | F8 | 3 | .. | 37348i | 75 | *3947* | 56.3 | + 5 2 | 9.4 | *9.4* | B9 | 1 | .. | 40333b |
| 26 | 3132 | 56.1 | +43 35 | 6.90 | *6.96* | A2 | .. | 2,7 | 3018c | 76 | 3855 | 56.3 | + 1 37 | 8.0 | *9.1* | K2 | 2 | .. | 13424b |
| 27 | 3744 | 56.1 | +14 33 | 8.1 | *8.4* | F2 | 5 | 3,4- | 5555m | 77 | 4449 | 56.3 | − 3 37 | 9.4 | *9.4* | Ao | 4 | .. | 38111b |
| 28 | 3941 | 56.1 | + 8 41 | 8.5 | *9.6* | K2 | 2 | .. | 40333b | 78 | 4840 | 56.3 | − 5 53 | 4.15 | *5.15* | Ko | .. | 0,9 R | **56**,96 |
| 29 | 4665 | 56.1 | − 4 48 | 9.40 | *9.96* | Go | 4 | .. | 38111b | 79 | 5006 | 56.3 | − 6 48 | 9.7 | *10.1* | F5 | 3 | .. | 38111b |
| 30 | 5005 | 56.1 | − 6 20 | 7.69 | *7.57* | B5 | 7 | .. | 38111b | 80 | 5427 | 56.3 | −17 0 | 8.1 | *8.9* | G5 | 6 | .. | 38080b |
| 31 | 4821 | 56.1 | − 7 9 | 9.9 | *11.1* | K5 | 1 | .. | 38112b | 81 | 5173 | 56.3 | −18 32 | 9.4 | *10.4* | Ko | 3 | .. | 23765b |
| 32 | 4816 | 56.1 | − 8 9 | 9.9 | *10.9* | Ko | 2 | .. | 38112b | 82 | 5174 | 56.3 | −18 42 | 9.4 | *9.7* | Fo | 5 | .. | 23765b |
| 33 | 4918 | 56.1 | −10 51 | 9.1 | *9.1* | B9 | 2 | .. | 38080b | 83 | 4951 | 56.3 | −22 37 | 10.1 | 10.4 | F8 | 2 | .. | 23765b |
| 34 | 5420 | 56.1 | −17 39 | 10.6 | *11.7* | K2 | 2 | .. | 39391b | 84 | 13654 | 56.3 | −25 40 | 9.5 | 9.6 | A2 | 3 | 0,3 | 40432b |
| 35 | 5421 | 56.1 | −17 57 | 10.6 | *10.6* | Ao | 2 | .. | 39391b | 85 | 13477 | 56.3 | −27 13 | 10.2 | 9.9 | Ao | 2 | .. | 40632b |
| 36 | 5371 | 56.1 | −20 52 | 10.6 | 11.0 | G5 | 1 | .. | 23765b | 86 | 15292 | 56.3 | −28 47 | 7.4 | 8.6 | Go | 5 | .. | 40632b |
| 37 | 13856 | 56.1 | −42 2 | 8.9 | 10.1 | Ko | 2 | .. | 38141b | 87 | 16575 | 56.3 | −30 1 | 2.71 | *2.77* | A2 | .. | R | **28**,214 |
| 38 | 13855 | 56.1 | −42 14 | 4.85 | *4.85* | Ao | .. | R | **28**,214 | 88 | 13860 | 56.3 | −42 24 | 9.2 | 8.9 | F2 | 4 | .. | 38141b |
| 39 | 13056 | 56.1 | −43 4 | 10.3 | 10.8 | Fo | 2 | .. | 39471b | 89 | 13859 | 56.3 | −42 47 | 8.7 | 8.6 | Fo | 5 | .. | 38141b |
| 40 | 13070 | 56.1 | −44 4 | 11.0 | 10.8 | A3 | 1 | .. | 39471b | 90 | 12696 | 56.3 | −47 9 | 8.6 | 9.7 | K2 | 2 | .. | 41441b |
| 41 | 12866 | 56.1 | −48 51 | 9.1 | 10.0 | Ko | 2 | .. | 41441b | 91 | 12477 | 56.3 | −49 0 | 9.5 | 10.3 | G5 | 1 | .. | 41441b |
| 42 | 1932 | 56.2 | +59 37 | 9.6 | *10.7* | K2 | 1 | .. | 38518i | 92 | 8970 | 56.3 | −55 23 | *9.7* | 10.7 | Ko | 1 | .. | 39661b |
| 43 | 2131 | 56.2 | +55 18 | 8.16 | *9.34* | K5 | 1 | .. | 38518i | 93 | 2806 | 56.4 | +48 17 | 9.0 | *9.6* | G | 3 | .. | 37348i |
| 44 | *2471* | 56.2 | +52 2 | 8.6 | *9.6* | Ko | 2 | .. | 37884i | 94 | 3136 | 56.4 | +43 36 | 8.5 | *9.5* | Ko | 2 | .. | 37348i |
| 45 | 3200 | 56.2 | +41 30 | 8.10 | *9.45* | Ma | 2 | .. | 37348i | 95 | 3147 | 56.4 | +28 33 | 7.7 | *8.7* | Ko | 1 | .. | 38501i |
| 46 | 3909 | 56.2 | +18 20 | 7.95 | *8.73* | G5 | 2 | .. | 37202i | 96 | 3524 | 56.4 | +23 39 | 8.0 | *8.1* | A2 | 2 | .. | 38511i |
| 47 | 3698 | 56.2 | +16 25 | 9.2 | *9.2* | Ao | 3 | .. | 5555m | 97 | 3699 | 56.4 | +16 17 | 9.4 | *10.4* | Ko | 1 | .. | 5555m |
| 48 | 3653 | 56.2 | +15 9 | 8.14 | *8.92* | G5 | 5 | 5,2 | 5555m | 98 | 3856 | 56.4 | + 1 9 | 7.69 | *8.69* | Ko | 7 | .. | 13424b |
| 49 | 3960 | 56.2 | + 9 18 | 7.9 | *7.9* | Ao | 5 | .. | 38537i | 99 | 5007 | 56.4 | − 6 31 | 7.7 | *7.8* | A2 | 6 | .. | 38111b |
| 50 | 3753 | 56.2 | + 2 21 | 7.20 | *8.20* | Ko | 7 | .. | 13424b | 100 | 4923 | 56.4 | −10 19 | 9.7 | *9.7* | B8 | 2 | .. | 38080b |



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1922AnHar..97....1C



## 176700 — $18^h\,56^m.4$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | R | 56.4 | −20 6 | *10.8* | 10.8 | A | 1 | .. | 23765b |
| 2 | 5373 | 56.4 | −20 27 | 10.3 | 10.7 | Ao | 2 | .. | 23765b |
| 3 | 5224 | 56.4 | −21 25 | 10.6 | 10.4 | Ao | 2 | .. | 23765b |
| 4 | *13655* | 56.4 | −24 59 | 5.73 | 7.2 | K2 | .. | *2*,10 | 56,143 |
| 5 | 13298 | 56.4 | −41 8 | 9.3 | 10.1 | K2 | 1 | .. | 38141b |
| 6 | 7569 | 56.4 | −58 27 | 8.0 | 8.1 | B9 | 8 | .. | 40463b |
| 7 | 2705 | 56.5 | +50 41 | 6.37 | *7.15* | G5 | .. | 5,6 | 56,96 |
| 8 | 2906 | 56.5 | +49 12 | 7.9 | *8.0* | A2 | 7 | .. | 37348i |
| 9 | 3948 | 56.5 | + 4 8 | 8.6 | *8.7* | A5 | 5 | .. | 40333b |
| 10 | 3628 | 56.5 | − 0 17 | 9.7 | *9.8* | A2 | 2 | .. | 23253b |
| 11 | 3623 | 56.5 | − 1 12 | 9.7 | *10.9* | K5 | 1 | .. | 23253b |
| 12 | 4827 | 56.5 | − 2 4 | 9.4 | *9.5* | A2 | 5 | .. | 38111b |
| 13 | 4667 | 56.5 | − 4 5 | 10.1 | *10.1* | Ao | 1 | .. | 38111b |
| 14 | 5009 | 56.5 | − 6 20 | 8.03 | *9.03* | Ko | 4 | .. | 38111b |
| 15 | 4823 | 56.5 | − 7 40 | 10.1 | *11.5* | Mb | .. | .. | M |
| 16 | 4820 | 56.5 | − 8 7 | 8.2 | *8.3* | A3 | 8 | .. | 38112b |
| 17 | 5247 | 56.5 | −12 55 | 9.4 | *9.4* | B9 | 3 | .. | 38080b |
| 18 | 14977 | 56.5 | −23 44 | 9.3 | 11.0 | K5 | 2 | .. | 23765b |
| 19 | 13657 | 56.5 | −25 5 | 10.4 | 10.4 | G | 2 | .. | 23765b |
| 20 | 16580 | 56.5 | −30 29 | 8.7 | 9.0 | Fo | 5 | 2,4 | 39273b |
| 21 | 14800 | 56.5 | −32 54 | 7.9 | 8.1 | Ao | 7 | .. | 39273b |
| 22 | 13141 | 56.5 | −35 32 | 8.7 | 9.9 | Ko | 1 | .. | 39273b |
| 23 | 13300 | 56.5 | −38 24 | 5.73 | 6.2 | Fo | .. | 0,10- | 56,143 |
| 24 | 13064 | 56.5 | −43 30 | 9.7 | 10.2 | F5 | 1 | .. | 38141b |
| 25 | 12776 | 56.5 | −46 42 | 7.8 | 7.6 | Ao | 10 | .. | 41441b |
| 26 | 12303 | 56.5 | −50 29 | 9.5 | 9.8 | A5 | 4 | .. | 39661b |
| 27 | 9235 | 56.5 | −54 32 | *8.9* | 9.5 | Go | 4 | .. | 39661b |
| 28 | 8973 | 56.5 | −55 20 | 9.2 | 9.6 | Go | 4 | .. | 39661b |
| 29 | 4472 | 56.5 | −63 54 | *7.4* | 7.4 | Ao | 6 | .. | 42464b |
| 30 | 2067 | 56.6 | +54 46 | 7.97 | *8.11* | A5 | 4 | .. | 38518i |
| 31 | 2593 | 56.6 | +46 50 | 8.6 | *9.6* | Ko | 3 | .. | 37348i |
| 32 | 3525 | 56.6 | +23 10 | 8.0 | *8.0* | Ao | 2 | .. | 38511i |
| 33 | 3656 | 56.6 | +15 33 | 8.3 | *9.1* | G5 | 3 | 0,7 | 37202i |
| 34 | *3942* | 56.6 | + 9 2 | 8.5 | *8.6* | A5 | 5 | .. | 39461b |
| 35 | 3931 | 56.6 | + 7 9 | 8.6 | *9.0* | F5 | 4 | .. | 39461b |
| 36 | 4013 | 56.6 | + 5 5 | 8.76 | *9.32* | Go | 3 | .. | 40333b |
| 37 | 3756 | 56.6 | + 2 28 | 7.28 | *8.46* | K5 | 5 | .. | 13424b |
| 38 | 4450 | 56.6 | − 3 30 | 8.7 | *9.2* | F8 | 6 | .. | 38111b |
| 39 | 4668 | 56.6 | − 4 28 | 8.7 | *8.7* | B9 | 4 | .. | 38111b |
| 40 | 4825 | 56.6 | − 7 37 | 9.9 | *9.9* | Ao | 3 | .. | 38112b |
| 41 | 4957 | 56.6 | − 9 26 | 9.9 | *9.9* | Ao | 3 | .. | 38112b |
| 42 | 5250 | 56.6 | −12 27 | 9.4 | *9.9* | F8 | 2 | .. | 38080b |
| 43 | 5248 | 56.6 | −12 30 | 9.4 | *9.4* | B9 | 2 | .. | 38080b |
| 44 | 5195 | 56.6 | −13 2 | 9.9 | *9.9* | B9 | 2 | .. | 38080b |
| 45 | 5194 | 56.6 | −13 24 | 7.9 | *7.9* | B9 | 7 | .. | 38080b |
| 46 | 5190 | 56.6 | −15 40 | 9.1 | *10.1* | Ko | 1 | .. | 38080b |
| 47 | 5428 | 56.6 | −17 31 | 10.6 | *10.9* | F2 | 2 | .. | 39391b |
| 48 | 5175 | 56.6 | −18 15 | 9.4 | *9.5* | A5 | 3 | .. | 23765b |
| 49 | 5269 | 56.6 | −19 20 | 9.7 | 9.8 | B9 | 3 | .. | 23765b |
| 50 | R | 56.6 | −20 8 | *11.6* | 11.7 | A5 | 1 | .. | 23765b |
| 51 | 14981 | 56.6 | −23 18 | 11.8 | *12.8* | K | 1 | .. | 23765b |
| 52 | 14948 | 56.6 | −24 31 | 7.7 | 8.9 | K5 | 7 | .. | 23765b |
| 53 | 13661 | 56.6 | −25 14 | 8.9 | 9.6 | Mb | 3 | 5,2 | 23765b |
| 54 | 15641 | 56.6 | −29 17 | 10.0 | 9.3 | A5 | 2 | .. | 40632b |
| 55 | 13865 | 56.6 | −42 3 | 10.6 | 10.9 | Ko | 1 | .. | 39471b |
| 56 | 11899 | 56.6 | −51 19 | 10.3 | 10.0 | K2 | 3 | .. | 39661b |
| 57 | 11349 | 56.6 | −52 56 | 9.1 | 10.6 | K5 | 1 | .. | 39661b |
| 58 | 8975 | 56.6 | −55 6 | *9.7* | 10.7 | Ko | 1 | .. | 39661b |
| 59 | 1862 | 56.7 | +60 12 | 9.5 | *9.6* | A2 | 1 | .. | 38518i |
| 60 | 3877 | 56.7 | +19 53 | 7.9 | *7.9* | B9 | 4 | .. | 38511i |
| 61 | 3657 | 56.7 | +15 41 | 8.7 | *9.8* | K2 | 2 | .. | 5555m |
| 62 | 3767 | 56.7 | +12 29 | 8.0 | *8.6* | Go | 6 | E | 23239b |
| 63 | 3699 | 56.7 | +11 49 | 8.1 | *8.1* | Ao | 2 | .. | 37202i |
| 64 | 3874 | 56.7 | + 3 15 | 8.4 | *8.4* | B9 | 6 | .. | 13424b |
| 65 | 4669 | 56.7 | − 4 1 | 8.9 | *9.4* | F8 | 6 | .. | 38111b |
| 66 | 4821 | 56.7 | − 8 25 | 9.1 | *9.1* | Ao | 4 | .. | 38112b |
| 67 | 5251 | 56.7 | −12 48 | 9.4 | *9.4* | B9 | 3 | .. | 38080b |
| 68 | 5196 | 56.7 | −13 9 | 10.1 | *10.1* | B9 | 1 | .. | 38080b |
| 69 | 13730 | 56.7 | −26 30 | 9.3 | 9.8 | Ao | 2 | .. | 40432b |
| 70 | 13083 | 56.7 | −39 36 | 7.9 | 8.6 | G5 | 6 | .. | 40427b |
| 71 | 4473 | 56.7 | −63 10 | *7.8* | 8.6 | G5 | 4 | .. | 42464b |
| 72 | 999 | 56.7 | −79 13 | *8.7* | 9.7 | Ko | 2 | .. | 42793b |
| 73 | 2811 | 56.8 | +45 49 | 9.5 | *10.1* | G | 2 | .. | 37348i |
| 74 | 3444 | 56.8 | +35 41 | 7.9 | *7.9* | B9 | 3 | .. | 37845i |
| 75 | 3285 | 56.8 | +33 37 | 6.90 | *7.90* | Ko | 4 | .. | 37845i |
| 76 | 3879 | 56.8 | +19 10 | 6.51 | *7.51* | Ko | 3 | 2,6 | 37848i |
| 77 | 3658 | 56.8 | +15 32 | 9.0 | *9.0* | Ao | 5 | 5,1 | 5555m |
| 78 | *3944* | 56.8 | + 9 2 | 8.7 | *9.9* | K5 | 2 | .. | 40333b |
| 79 | .. | 56.8 | − 4 35 | Nov. | Nov. | Pec. | .. | R | 56,96 |
| 80 | 5012 | 56.8 | − 6 51 | 9.4 | *9.5* | A5 | 3 | .. | 38111b |
| 81 | 5192 | 56.8 | −15 54 | 9.4 | *9.4* | B9 | 2 | .. | 38080b |
| 82 | 5122 | 56.8 | −16 2 | 9.4 | *9.5* | A2 | 2 | .. | 38080b |
| 83 | 5123 | 56.8 | −16 44 | 7.9 | *7.9* | B9 | 7 | .. | 38080b |
| 84 | 5270 | 56.8 | −19 38 | 10.6 | 10.7 | F5 | 2 | .. | 23765b |
| 85 | 5377 | 56.8 | −20 32 | 8.7 | 8.0 | F8 | 7 | .. | 23765b |
| 86 | 5376 | 56.8 | −20 34 | 9.1 | 9.5 | A2 | 5 | .. | 23765b |
| 87 | 13488 | 56.8 | −27 16 | 9.5 | 9.2 | A3 | 2 | .. | 40632b |
| 88 | 13487 | 56.8 | −27 30 | 8.7 | 8.9 | Ao | 4 | .. | 40632b |
| 89 | 13084 | 56.8 | −39 49 | 10.3 | 10.1 | A2 | 1 | .. | 40427b |
| 90 | 13018 | 56.8 | −40 24 | 8.3 | 8.3 | G5 | 6 | .. | 40427b |
| 91 | 13066 | 56.8 | −43 18 | 9.9 | 10.2 | F5 | 2 | .. | 38141b |
| 92 | 12480 | 56.8 | −49 13 | 9.9 | 10.0 | Go | 1 | .. | 41441b |
| 93 | 12306 | 56.8 | −50 41 | 9.5 | 9.8 | F8 | 3 | .. | 39661b |
| 94 | 1308 | 56.8 | −76 33 | 6.98 | 8.2 | Ko | 8 | .. | 19008b |
| 95 | 683 | 56.9 | +75 39 | 6.18 | *6.18* | Ao | .. | 0,7- | 56,96 |
| 96 | 1310 | 56.9 | +64 42 | 8.1 | *8.7* | Go | 3 | .. | 37907i |
| 97 | 2173 | 56.9 | +56 22 | 8.8 | *9.6* | G5 | 2 | .. | 38518i |
| 98 | 3138 | 56.9 | +43 7 | 7.19 | *7.27* | A3 | 9 | .. | 37348i |
| 99 | 3307 | 56.9 | +37 52 | 7.7 | *7.8* | A3 | 3 | .. | 38520i |
| 100 | 3424 | 56.9 | +26 58 | 8.8 | *8.8* | A | 2 | .. | 37848i |



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| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3425 | 56.9 | +26 29 | 8.2 | *8.3* | A5 | 3 | .. | 37848i |
| 2 | 3426 | 56.9 | +26 20 | 8.6 | *8.6* | A | 2 | .. | 37848i |
| 3 | *3880* | 56.9 | +20 1 | 7.25 | *7.20* | B8 | 4 | .. | 37848i |
| 4 | 3703 | 56.9 | +11 28 | 9.0 | *9.0* | A | 2 | .. | 14171b |
| 5 | *3953* | 56.9 | + 5 2 | 8.21 | *8.35* | A5 | 4 | .. | 40333b |
| 6 | 3954 | 56.9 | + 4 42 | 9.1 | *9.2* | A5 | 3 | .. | 40333b |
| 7 | 3860 | 56.9 | + 1 20 | 9.1 | *10.3* | K5 | 1 | .. | 13424b |
| 8 | 4082 | 56.9 | + 0 33 | 8.7 | *8.8* | A3 | 3 | .. | 13424b |
| 9 | *3624* | 56.9 | − 0 58 | 10.4 | *11.4* | Ko | 1 | .. | 23253b |
| 10 | 5013 | 56.9 | − 6 34 | 8.7 | *8.7* | Ao | 5 | .. | 38111b |
| 11 | 14956 | 56.9 | −24 45 | 10.7 | 10.7 | A2 | 2 | .. | 23765b |
| 12 | 13734 | 56.9 | −26 41 | 9.5 | 9.5 | Ao | 3 | .. | 40432b |
| 13 | 14804 | 56.9 | −32 40 | 9.3 | 10.2 | K2 | 1 | .. | 39273b |
| 14 | 12872 | 56.9 | −48 13 | 9.5 | 10.0 | K2 | 2 | .. | 41441b |
| 15 | 12481 | 56.9 | −49 48 | 9.1 | 10.0 | K2 | 3 | .. | 39661b |
| 16 | 8978 | 56.9 | −55 15 | 9.2 | 9.8 | Go | 4 | .. | 39661b |
| 17 | 7571 | 56.9 | −58 49 | *9.2* | 9.6 | F5 | 2 | .. | 39381b |
| 18 | 3634 | 57.0 | +21 22 | 6.86 | *6.69* | B3 | 6 | .. | 37848i |
| 19 | 4022 | 57.0 | +20 42 | 6.55 | *6.38* | B3 | 6 | .. | 37848i |
| 20 | 3703 | 57.0 | +16 49 | 9.2 | *10.0* | G5 | 1 | .. | 5555m |
| 21 | 3704 | 57.0 | +16 16 | 8.9 | *10.1* | K5 | 2 | .. | 5555m |
| 22 | 3659 | 57.0 | +15 9 | 9.7 | *10.5* | G5 | 1 | .. | 5555m |
| 23 | 3769 | 57.0 | +12 29 | 8.5 | *9.7* | K5 | 2 | E | 23239b |
| 24 | 3946 | 57.0 | + 8 59 | 9.1 | *9.2* | A2 | 3 | .. | 40333b |
| 25 | 3945 | 57.0 | + 8 37 | 8.9 | *10.0* | K2 | 1 | .. | 40333b |
| 26 | 3934 | 57.0 | + 7 41 | 8.3 | *9.5* | K5 | 1 | .. | 40333b |
| 27 | *4960* | 57.0 | − 8 59 | 9.9 | *9.9* | B8 | 2 | .. | 38112b |
| 28 | 4843 | 57.0 | −11 17 | 9.4 | *9.4* | Ao | 2 | .. | 38080b |
| 29 | 5197 | 57.0 | −13 18 | 9.2 | *9.2* | B9 | 2 | .. | 38080b |
| 30 | *5266* | 57.0 | −13 58 | 9.9 | *10.9* | Ko | 1 | .. | 38080b |
| 31 | 5265 | 57.0 | −14 0 | 9.7 | *10.0* | Fo | 2 | .. | 38080b |
| 32 | 5195 | 57.0 | −15 48 | 10.6 | *11.2* | Go | 1 | .. | 38080b |
| 33 | 5431 | 57.0 | −17 8 | 9.2 | *9.2* | Ao | 3 | .. | 38080b |
| 34 | 5271 | 57.0 | −19 33 | 10.3 | 10.8 | Ko | 1 | .. | 23765b |
| 35 | 14988 | 57.0 | −23 6 | 10.9 | 11.0 | Go | 2 | .. | 23765b |
| 36 | 15300 | 57.0 | −28 52 | 10.0 | 10.1 | G | 1 | .. | 40432b |
| 37 | 13072 | 57.0 | −43 48 | 10.1 | 10.8 | Go | 2 | .. | 39471b |
| 38 | 13082 | 57.0 | −44 54 | 9.40 | 10.4 | K5 | 1 | .. | 38141b |
| 39 | 11901 | 57.0 | −51 22 | 11.0 | 10.3 | Ao | 2 | .. | 39661b |
| 40 | *3612* | 57.0 | −66 59 | *8.5* | 9.5 | Ko | 2 | .. | 41442b |
| 41 | 1035 | 57.1 | +68 10 | 7.47 | *8.25* | G5 | 5 | .. | 37907i |
| 42 | 2594 | 57.1 | +46 52 | 8.9 | *9.3* | F5 | 2 | .. | 37348i |
| 43 | 2813 | 57.1 | +45 28 | 8.7 | *8.7* | Ao | 3 | .. | 37348i |
| 44 | 3555 | 57.1 | +40 33 | 6.77 | *8.12* | Ma | 4 | .. | 37348i |
| 45 | 3605 | 57.1 | +39 12 | 8.0 | *8.6* | Go | 3 | .. | 38520i |
| 46 | 3661 | 57.1 | +15 37 | 9.4 | *9.4* | Ao | 4 | .. | 5555m |
| 47 | 3864 | 57.1 | +13 47 | 9.0 | *9.0* | Ao | 4 | .. | 5555m |
| 48 | 3704 | 57.1 | +11 19 | 7.6 | *8.6* | Ko | 5 | 0,3- | 14171b |
| 49 | 3758 | 57.1 | + 2 21 | 9.0 | *9.1* | A2 | 3 | .. | 13424b |
| 50 | 4672 | 57.1 | − 4 7 | 10.1 | *10.5* | F5 | 1 | .. | 38111b |
| 51 | 4841 | 57.1 | − 5 41 | 8.2 | *8.6* | F5 | 7 | .. | 38111b |
| 52 | *4961* | 57.1 | − 8 58 | 8.9 | *9.0* | A2 | 6 | .. | 38112b |
| 53 | 4926 | 57.1 | −10 52 | 6.68 | *6.56* | B5 | 5 | 3,4 | 44008b |
| 54 | 5267 | 57.1 | −14 40 | 9.4 | *9.4* | Ao | 2 | .. | 38080b |
| 55 | *5434* | 57.1 | −16 58 | 9.4 | *10.6* | K5 | 1 | .. | 38080b |
| 56 | *5378* | 57.1 | −19 57 | 9.48 | 10.7 | K2 | 2 | .. | 23765b |
| 57 | 14958 | 57.1 | −24 53 | 11.2 | 11.2 | K | 1 | .. | 23765b |
| 58 | 16589 | 57.1 | −30 54 | 8.9 | 9.9 | Ko | 1 | 2,1 | 40432b |
| 59 | 13145 | 57.1 | −35 3 | 7.88 | 9.0 | K2 | 5 | .. | 40737b |
| 60 | 13089 | 57.1 | −39 46 | 8.3 | 9.6 | K5 | 3 | .. | 40427b |
| 61 | 13303 | 57.1 | −41 48 | 9.2 | 10.1 | Ko | 1 | .. | 38141b |
| 62 | 12876 | 57.1 | −48 33 | 6.60 | 7.9 | G5 | 10 | .. | 41441b |
| 63 | 12308 | 57.1 | −50 29 | 8.7 | 9.4 | Ko | 5 | .. | 39661b |
| 64 | 7253 | 57.1 | −60 15 | 9.1 | 10.2 | K2 | 2 | .. | 39381b |
| 65 | 2957 | 57.1 | −69 2 | *6.8* | 6.9 | A2 | .. | 2,8 | 56,143 |
| 66 | 2364 | 57.1 | −71 58 | *10.2* | 10.7 | F8 | 1 | .. | 42526b |
| 67 | 1311 | 57.2 | +64 58 | 8.65 | *9.43* | G5 | 1 | .. | 37907i |
| 68 | 2070 | 57.2 | +54 43 | 8.43 | *8.43* | Ao | 2 | .. | 38518i |
| 69 | 3606 | 57.2 | +39 43 | 7.62 | *7.60* | B9 | 5 | 0,7 | 38520i |
| 70 | 3203 | 57.2 | +27 6 | 8.0 | *8.0* | A | 2 | .. | 37848i |
| 71 | 3429 | 57.2 | +26 9 | 5.50 | *5.33* | B3 | 10 | .. | 37848i |
| 72 | 3705 | 57.2 | +16 10 | 9.7 | *9.8* | A3 | 3 | .. | 5555m |
| 73 | 3770 | 57.2 | +12 24 | 6.57 | *6.55* | B9 | 8 | .. | 37202i |
| 74 | 3965 | 57.2 | + 9 27 | 9.0 | *10.2* | K5 | 1 | .. | 40333b |
| 75 | 3935 | 57.2 | + 7 7 | 8.1 | *8.1* | B9 | 6 | .. | 39461b |
| 76 | 5016 | 57.2 | − 6 28 | 9.2 | *9.3* | A3 | 3 | .. | 38111b |
| 77 | 4827 | 57.2 | − 7 35 | 10.1 | *11.3* | K5 | 1 | .. | 38112b |
| 78 | 4963 | 57.2 | − 9 4 | 8.3 | *9.4* | K2 | 3 | .. | 38112b |
| 79 | 5268 | 57.2 | −14 36 | 10.1 | *10.1* | Ao | 1 | .. | 38080b |
| 80 | 5124 | 57.2 | −16 7 | 8.5 | *9.1* | Go | 4 | .. | 38080b |
| 81 | 5436 | 57.2 | −17 26 | 10.3 | *11.4* | K2 | 2 | .. | 39391b |
| 82 | 5180 | 57.2 | −18 21 | 9.9 | *10.7* | G5 | 3 | .. | 39391b |
| 83 | 5276 | 57.2 | −19 3 | 9.9 | 10.6 | G5 | 2 | .. | 23765b |
| 84 | 5273 | 57.2 | −19 23 | 6.03 | 7.3 | G5 | 4 | 5,10 | 10085b |
| 85 | 5274 | 57.2 | −19 36 | 9.7 | 8.9 | B9 | 7 | .. | 23765b |
| 86 | 5379 | 57.2 | −20 52 | 8.5 | 8.6 | F5 | 6 | .. | 23765b |
| 87 | 13744 | 57.2 | −26 6 | 9.5 | 9.8 | Ko | 2 | .. | 40432b |
| 88 | 15649 | 57.2 | −29 46 | 8.9 | 8.7 | Ao | 4 | .. | 40632b |
| 89 | 16591 | 57.2 | −30 17 | 8.9 | 9.6 | G5 | 3 | 0,1 | 39273b |
| 90 | 13261 | 57.2 | −36 16 | 9.9 | 9.4 | Go | 3 | .. | 40737b |
| 91 | 13306 | 57.2 | −38 13 | 8.6 | 9.0 | Go | 4 | 0,4 | 40427b |
| 92 | 1461 | 57.2 | −75 50 | *8.6* | 9.7 | K2 | 2 | .. | 42526b |
| 93 | 1864 | 57.3 | +60 32 | 6.69 | *6.69* | Ao | 10 | .. | 38518i |
| 94 | 3206 | 57.3 | +41 33 | 7.70 | *7.98* | Fo | 5 | .. | 37348i |
| 95 | 3607 | 57.3 | +39 44 | 7.67 | *8.45* | G5 | 1 | .. | 38520i |
| 96 | 3287 | 57.3 | +33 40 | 6.15 | *7.15* | Ko | 7 | .. | 37845i |
| 97 | 3761 | 57.3 | +10 37 | 8.9 | *10.1* | K5 | 2 | .. | 40333b |
| 98 | 3760 | 57.3 | + 2 37 | 9.7 | *10.3* | G | 1 | .. | 13424b |
| 99 | *4454* | 57.3 | − 2 59 | 9.1 | *9.2* | A2 | 4 | .. | 38111b |
| 100 | 4673 | 57.3 | − 4 19 | 9.1 | *9.6* | F8 | 2 | .. | 38111b |



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## 176900 — $18^h\,57^m.3$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 5017 | 57.3 | − 6 36 | 9.7 | *10.0* | F2 | 2 | .. | 38112b |
| 2 | 5198 | 57.3 | −15 18 | 9.2 | *9.2* | Ao | 3 | .. | 38080b |
| 3 | 5275 | 57.3 | −19 14 | 6.33 | 7.0 | F5 | 6 | .. | 10085b |
| 4 | 14994 | 57.3 | −23 50 | 10.4 | 10.7 | F2 | 3 | .. | 23765b |
| 5 | 14962 | 57.3 | −24 40 | 11.2 | 10.1 | Ao | 3 | .. | 23765b |
| 6 | 16293 | 57.3 | −31 47 | 9.0 | 9.0 | A2 | 4 | 2,3 | 39273b |
| 7 | 13022 | 57.3 | −40 2 | 9.13 | 10.1 | K2 | 1 | .. | 40427b |
| 8 | 12710 | 57.3 | −47 42 | 8.4 | 9.3 | Ko | 4 | .. | 41441b |
| 9 | 9307 | 57.3 | −57 46 | *10.3* | 10.4 | A3 | 2 | .. | 39381b |
| 10 | 1215 | 57.3 | −78 46 | *8.5* | 8.9 | F5 | 7 | .. | 42793b |
| 11 | *871* | 57.4 | +73 2 | 9.1 | *9.2* | A2 | 3 | .. | 38029i |
| 12 | 3392 | 57.4 | +34 31 | 8.6 | *8.7* | A2 | 2 | .. | 37845i |
| 13 | 3289 | 57.4 | +33 25 | 8.8 | *8.8* | Ao | 3 | .. | 37845i |
| 14 | 3153 | 57.4 | +28 16 | 6.78 | *6.66* | B5 | 5 | 0,5 | 38501i |
| 15 | 3949 | 57.4 | + 8 37 | 9.1 | *9.6* | F8 | 2 | .. | 40333b |
| 16 | 3950 | 57.4 | + 8 37 | 8.3 | *9.3* | Ko | 2 | .. | 40333b |
| 17 | 3998 | 57.4 | + 6 44 | 9.4 | *9.4* | Ao | 2 | .. | 39461b |
| 18 | 3627 | 57.4 | − 1 0 | 9.7 | *10.7* | Ko | 1 | .. | 23253b |
| 19 | *4844* | 57.4 | − 4 56 | 9.50 | *9.48* | B9 | 3 | .. | 38111b |
| 20 | 4830 | 57.4 | − 7 27 | 9.9 | *10.9* | Ko | 1 | .. | 38112b |
| 21 | 4829 | 57.4 | − 7 52 | 8.0 | *8.06* | A2 | 8 | .. | 38112b |
| 22 | 4968 | 57.4 | − 9 7 | 9.7 | *10.8* | K2 | 2 | .. | 38112b |
| 23 | 5199 | 57.4 | −15 1 | 8.11 | *8.06* | B8 | 5 | .. | 38080b |
| 24 | 5200 | 57.4 | −15 39 | 9.7 | *10.9* | K5 | 1 | .. | 38080b |
| 25 | 5437 | 57.4 | −17 47 | 8.9 | *9.0* | A3 | 6 | .. | 23765b |
| 26 | 5181 | 57.4 | −18 5 | 10.1 | *10.1* | B9 | 2 | .. | 23765b |
| 27 | 5277 | 57.4 | −19 33 | 9.4 | 9.2 | F5 | 6 | .. | 23765b |
| 28 | 14998 | 57.4 | −23 3 | 10.7 | 10.8 | Ko | 2 | .. | 23765b |
| 29 | 14999 | 57.4 | −23 56 | 10.7 | 10.8 | Ao | 3 | .. | 23765b |
| 30 | 14964 | 57.4 | −24 14 | 9.2 | 10.5 | Ko | 2 | .. | 23765b |
| 31 | 14965 | 57.4 | −24 44 | 11.4 | 10.5 | A | 2 | .. | 23765b |
| 32 | 14967 | 57.4 | −24 52 | 10.9 | 10.1 | G5 | 3 | .. | 23765b |
| 33 | 16594 | 57.4 | −30 48 | 9.0 | 9.7 | A5 | 2 | 2,2 | 40432b |
| 34 | 12878 | 57.4 | −48 48 | 9.0 | 10.0 | F2 | 3 | .. | 41441b |
| 35 | 9244 | 57.4 | −54 49 | *9.4* | 10.2 | G5 | 3 | .. | 39661b |
| 36 | 2598 | 57.5 | +46 40 | 8.7 | *9.3* | G | 2 | .. | 37348i |
| 37 | 3448 | 57.5 | +35 17 | 8.2 | *9.0* | G5 | 1 | .. | 37845i |
| 38 | 3444 | 57.5 | +29 23 | 6.64 | *6.64* | Ao | 7 | .. | 37845i |
| 39 | 3608 | 57.5 | +24 53 | 6.92 | *7.99* | K2 | 4 | .. | 37848i |
| 40 | 3560 | 57.5 | +22 45 | 8.6 | *8.6* | B8 | 3 | .. | 37848i |
| 41 | 3706 | 57.5 | +16 46 | 10.0 | *11.0* | Ko | 2 | .. | 5555m |
| 42 | 3762 | 57.5 | +10 50 | 7.5 | *7.6* | A2 | 5 | .. | 37202i |
| 43 | *3938* | 57.5 | + 8 3 | 10.0 | *10.0* | Ao | 1 | .. | 40333b |
| 44 | 4014 | 57.5 | + 5 17 | 9.1 | *9.2* | A2 | 3 | .. | 40333b |
| 45 | 4085 | 57.5 | + 0 19 | 9.7 | *9.8* | A3 | 3 | .. | 23253b |
| 46 | 3630 | 57.5 | − 0 35 | Neb. | Neb. | Pd | .. | R | **76**,23 |
| 47 | 4458 | 57.5 | − 3 53 | 9.7 | *10.8* | K2 | 2 | .. | 38111b |
| 48 | 4845 | 57.5 | − 5 40 | 8.2 | *9.3* | K2 | 5 | .. | 38111b |
| 49 | 4846 | 57.5 | − 5 51 | 9.2 | *10.0* | G5 | 4 | .. | 38111b |
| 50 | 5202 | 57.5 | −13 33 | 10.6 | *10.6* | B9 | 2 | .. | 38080b |
| 51 | 5202 | 57.5 | −15 32 | 10.1 | *10.2* | A2 | 2 | .. | 38080b |
| 52 | 5201 | 57.5 | −15 49 | 9.7 | *10.5* | G5 | 2 | .. | 38080b |
| 53 | 5438 | 57.5 | −17 27 | 10.6 | *11.1* | F8 | 2 | .. | 39391b |
| 54 | 5182 | 57.5 | −18 28 | 10.6 | *10.6* | Ao | 4 | 0,2 | 39391b |
| 55 | 5229 | 57.5 | −21 9 | 9.4 | 10.7 | K2 | 2 | .. | 23765b |
| 56 | 13678 | 57.5 | −25 19 | 9.7 | 9.6 | G5 | 2 | .. | 40432b |
| 57 | 15655 | 57.5 | −29 6 | 9.7 | 10.2 | A5 | 1 | .. | 40432b |
| 58 | 16595 | 57.5 | −30 6 | 9.72 | 9.7 | A3 | 2 | .. | 40432b |
| 59 | 13362 | 57.5 | −34 31 | 7.9 | 9.4 | Ko | 5 | .. | 39273b |
| 60 | 13157 | 57.5 | −35 14 | 8.9 | 9.4 | G5 | 2 | .. | 39273b |
| 61 | 13038 | 57.5 | −37 3 | 9.3 | 10.2 | G5 | 1 | .. | 40427b |
| 62 | 13874 | 57.5 | −42 6 | 10.3 | 10.9 | Ko | 1 | .. | 39471b |
| 63 | 12788 | 57.5 | −46 13 | 10.6 | 10.7 | Go | 1 | .. | 39471b |
| 64 | 9462 | 57.5 | −53 27 | 8.4 | 9.2 | Fo | 7 | .. | 39661b |
| 65 | 9460 | 57.5 | −53 56 | *10.1* | 10.7 | Go | 2 | .. | 39661b |
| 66 | 7575 | 57.5 | −58 18 | *9.2* | 9.6 | F5 | 2 | .. | 39381b |
| 67 | 4477 | 57.5 | −63 34 | *9.1* | 10.1 | Ko | 1 | .. | 42464b |
| 68 | 1472 | 57.6 | +63 17 | 7.7 | *8.0* | Fo | 2 | .. | 37907i |
| 69 | 3219 | 57.6 | +42 7 | 6.70 | *7.20* | F8 | 8 | .. | 37348i |
| 70 | 3445 | 57.6 | +29 9 | 8.2 | *8.3* | A3 | 2 | .. | 38501i |
| 71 | 3561 | 57.6 | +22 8 | 6.37 | *6.45* | A3 | 9 | .. | 37848i |
| 72 | *3920* | 57.6 | +19 2 | 7.46 | *8.24* | G5 | 3 | .. | 37202i |
| 73 | 3922 | 57.6 | +18 59 | 6.85 | *7.63* | G5 | 5 | .. | 37202i |
| 74 | ... | 57.6 | +16 6 | .. | .. | A | 2 | .. | 5555m |
| 75 | 3664 | 57.6 | +15 32 | 9.4 | *10.0* | Go | 2 | .. | 5555m |
| 76 | 3662 | 57.6 | +15 25 | 10.0 | *10.4* | F5 | 2 | .. | 5555m |
| 77 | 3663 | 57.6 | +15 8 | 9.4 | *9.5* | A2 | 2 | .. | 5555m |
| 78 | 3750 | 57.6 | +14 17 | 7.6 | *7.7* | A2 | 6 | 2,8 | 37202i |
| 79 | 3870 | 57.6 | +13 17 | 8.9 | *9.5* | Go | 4 | .. | 5555m |
| 80 | 3968 | 57.6 | + 9 30 | 7.41 | *8.41* | Ko | 3 | .. | 38537i |
| 81 | 3951 | 57.6 | + 8 14 | 6.62 | *7.69* | K2 | 5 | 2,7 | 38537i |
| 82 | 3631 | 57.6 | − 0 51 | 8.5 | *9.3* | G5 | 4 | R | 23253b |
| 83 | 3632 | 57.6 | − 0 51 | 8.5 | *9.3* | G5 | 4 | | |
| 84 | 4460 | 57.6 | − 3 51 | 5.55 | *5.55* | Ao | .. | 0,R | **56**,96 |
| 85 | 4832 | 57.6 | − 7 29 | 9.4 | *9.4* | Ao | 5 | .. | 38112b |
| 86 | 4849 | 57.6 | −11 11 | 7.9 | *8.9* | Ko | 4 | .. | 38080b |
| 87 | 5270 | 57.6 | −14 52 | 10.1 | *10.2* | A5 | 2 | .. | 38080b |
| 88 | .. | 57.6 | −17 58 | .. | .. | Go | 2 | .. | 39391b |
| 89 | 5183 | 57.6 | −18 12 | 9.4 | *9.4* | Ao | 5 | .. | 23765b |
| 90 | 5184 | 57.6 | −18 49 | 9.7 | *10.5* | G5 | 2 | .. | 23765b |
| 91 | *5281* | 57.6 | −18 56 | 8.7 | *9.7* | Ko | 4 | .. | 23765b |
| 92 | 5278 | 57.6 | −19 39 | 9.4 | 9.6 | Ko | 4 | .. | 23765b |
| 93 | 5279 | 57.6 | −19 47 | 10.6 | 10.8 | Ko | 2 | .. | 23765b |
| 94 | 15001 | 57.6 | −23 14 | 11.6 | 11.0 | A2 | 2 | .. | 23765b |
| 95 | 14968 | 57.6 | −24 42 | 9.5 | 9.6 | Ko | 3 | .. | 23765b |
| 96 | 14969 | 57.6 | −24 55 | 11.4 | 11.4 | K | 2 | .. | 23765b |
| 97 | 13503 | 57.6 | −27 52 | 9.5 | 9.5 | G5 | 2 | .. | 40432b |
| 98 | 16301 | 57.6 | −31 36 | 8.3 | 9.0 | Ao | 6 | 0,4 | 39273b |
| 99 | 13159 | 57.6 | −35 31 | 9.3 | 9.6 | F8 | 2 | .. | 39273b |
| 100 | 13306 | 57.6 | −41 25 | 8.9 | 9.6 | K2 | 2 | .. | 38141b |



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1922ApJ...56..177C



## 177000 — $18^h\ 57^m.6$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 9309 | 57.6 | −57 26 | 8.2 | 9.8 | K2 | 3 | .. | 39381b |
| 2 | 1670 | 57.7 | +62 41 | 8.1 | *9.3* | K5 | .. | .. | M |
| 3 | 2708 | 57.7 | +50 24 | 5.24 | *5.07* | B3 | .. | 0,10 | 56,96 |
| 4 | *2810* | 57.7 | +49 0 | 8.7 | *9.8* | K2 | 2 | .. | 37348i |
| 5 | 3449 | 57.7 | +35 29 | 8.0 | *8.4* | F5 | 2 | .. | 37845i |
| 6 | 3299 | 57.7 | +32 15 | 8.0 | *7.9* | B5 | 6 | .. | 37845i |
| 7 | 3665 | 57.7 | +15 50 | 10.4 | *11.2* | G5 | 5 | .. | 5555m |
| 8 | 3751 | 57.7 | +14 9 | 9.7 | *10.7* | K | 1 | .. | 5555m |
| 9 | 4087 | 57.7 | + 0 22 | 9.4 | *10.5* | K2 | 1 | .. | 23253b |
| 10 | 4825 | 57.7 | − 8 35 | 10.6 | *10.6* | B9 | 2 | .. | 38112b |
| 11 | 4852 | 57.7 | −11 20 | 7.02 | *7.02* | Ao | 4 | 0,7 | 10078b |
| 12 | 5259 | 57.7 | −12 51 | 7.53 | *7.51* | B9 | 6 | .. | 38080b |
| 13 | 5440 | 57.7 | −17 27 | 9.2 | *9.3* | A2 | 6 | .. | 39391b |
| 14 | 5280 | 57.7 | −19 34 | 9.7 | 9.0 | B5 | 7 | .. | 23765b |
| 15 | 5381 | 57.7 | −20 16 | 7.57 | 7.9 | B5 | 10 | .. | 23765b |
| 16 | 5382 | 57.7 | −20 43 | 9.2 | 9.0 | Fo | 5 | .. | 23765b |
| 17 | 4958 | 57.7 | −22 51 | var. | var. | Mc | 5 | R | 23765b |
| 18 | 14970 | 57.7 | −24 4 | 8.1 | 9.2 | Ko | 7 | .. | 23765b |
| 19 | 13681 | 57.7 | −25 44 | 10.2 | 11.2 | K2 | 1 | .. | 40432b |
| 20 | 16302 | 57.7 | −31 49 | 8.9 | 9.3 | A2 | 4 | 0,3 | 39273b |
| 21 | 14820 | 57.7 | −32 21 | 9.3 | 9.9 | G5 | 2 | .. | 39273b |
| 22 | 13367 | 57.7 | −34 20 | 10.1 | 10.2 | F5 | 1 | .. | 39273b |
| 23 | 3293 | 57.8 | +33 57 | 8.8 | *8.8* | A | 3 | .. | 37845i |
| 24 | 3563 | 57.8 | +22 57 | 8.7 | *8.7* | Ao | 2 | .. | 38511i |
| 25 | 3562 | 57.8 | +22 42 | 9.3 | *10.7* | Mc | .. | .. | M |
| 26 | 3871 | 57.8 | +13 28 | 8.5 | *9.5* | Ko | 4 | .. | 5555m |
| 27 | 3774 | 57.8 | +12 25 | 9.1 | *9.1* | Ao | 2 | E | 23239b |
| 28 | 3861 | 57.8 | + 1 38 | 8.1 | *9.1* | Ko | 6 | .. | 13424b |
| 29 | 4675 | 57.8 | − 4 32 | 9.7 | *9.7* | B9 | 2 | .. | 38111b |
| 30 | 5204 | 57.8 | −15 26 | 8.7 | *10.1* | Ma | 2 | .. | 38080b |
| 31 | 5185 | 57.8 | −18 8 | 11.0 | *11.0* | Ao | 2 | .. | 39391b |
| 32 | 5282 | 57.8 | −19 51 | 10.3 | 10.4 | G5 | 3 | .. | 23765b |
| 33 | 15314 | 57.8 | −28 21 | 9.5 | 10.7 | Ko | 1 | .. | 40432b |
| 34 | 13266 | 57.8 | −36 16 | 8.3 | 9.9 | K5 | 2 | .. | 40737b |
| 35 | 13085 | 57.8 | −43 11 | 9.5 | 9.7 | Ao | 3 | .. | 38141b |
| 36 | 13093 | 57.8 | −44 22 | 11.0 | 11.3 | Mb | .. | .. | M |
| 37 | 12966 | 57.8 | −45 17 | 9.2 | 9.4 | F8 | 4 | .. | 38141b |
| 38 | 12793 | 57.8 | −46 38 | 8.7 | 9.7 | Ko | 3 | .. | 41441b |
| 39 | 1934 | 57.9 | +59 22 | 9.6 | *10.6* | Ko | 1 | .. | 38518i |
| 40 | 1851 | 57.9 | +58 28 | 8.8 | *8.9* | A2 | 3 | .. | 38518i |
| 41 | 2073 | 57.9 | +54 31 | 8.1 | *8.2* | A5 | 2 | .. | 38518i |
| 42 | .. | 57.9 | +16 55 | .. | .. | Ao | 1 | .. | 5555m |
| 43 | 3708 | 57.9 | +16 53 | 10.4 | *10.5* | A3 | 1 | .. | 5555m |
| 44 | 3667 | 57.9 | +15 40 | 9.2 | *9.3* | A3 | 4 | .. | 5555m |
| 45 | 3754 | 57.9 | +14 37 | 10.4 | *10.4* | A | 1 | .. | 5555m |
| 46 | .. | 57.9 | + 8 19 | .. | .. | Mc | .. | .. | M |
| 47 | 3878 | 57.9 | + 3 20 | 9.2 | *9.2* | Ao | 3 | .. | 13424b |
| 48 | 3877 | 57.9 | + 3 6 | 9.1 | *9.1* | Ao | 3 | .. | 13424b |
| 49 | 3628 | 57.9 | − 1 55 | 10.4 | *10.9* | F8 | 2 | .. | 23253b |
| 50 | 4465 | 57.9 | − 3 36 | 9.4 | *10.0* | Go | 4 | .. | 38111b |
| 51 | 4463 | 57.9 | − 3 39 | 9.9 | *9.9* | Ao | 4 | .. | 38111b |
| 52 | 4464 | 57.9 | − 3 48 | 10.3 | *10.9* | Go | 2 | .. | 38111b |
| 53 | *5020* | 57.9 | − 5 58 | 8.3 | *9.3* | Ko | 5 | .. | 38111b |
| 54 | .. | 57.9 | −17 26 | .. | .. | B9 | 4 | .. | 39391b |
| 55 | 4959 | 57.9 | −22 0 | 10.3 | 10.8 | A2 | 2 | .. | 23765b |
| 56 | 13313 | 57.9 | −38 17 | 9.2 | 9.5 | G5 | 3 | 0,2 | 40427b |
| 57 | *13093* | 57.9 | −38 59 | 8.6 | 9.8 | Ko | 3 | .. | 40427b |
| 58 | 13308 | 57.9 | −41 26 | 8.7 | 10.1 | K2 | 1 | .. | 38141b |
| 59 | 13095 | 57.9 | −44 1 | 8.0 | 8.7 | B9 | 6 | .. | 38141b |
| 60 | 11910 | 57.9 | −51 12 | 8.7 | 9.4 | A5 | 5 | .. | 39661b |
| 61 | 3208 | 58.0 | +41 16 | 7.9 | *7.9* | Ao | 4 | .. | 37348i |
| 62 | 3709 | 58.0 | +16 20 | 10.4 | *10.4* | A | 2 | .. | 5555m |
| 63 | 3953 | 58.0 | + 8 17 | 9.1 | *9.6* | F8 | 2 | .. | 40333b |
| 64 | 4016 | 58.0 | + 5 12 | 7.81 | *7.87* | A2 | 8 | .. | 40333b |
| 65 | 3879 | 58.0 | + 3 42 | 8.5 | *8.8* | F2 | 5 | .. | 13424b |
| 66 | 4850 | 58.0 | − 5 24 | 10.1 | *10.1* | A | 2 | .. | 38111b |
| 67 | 4848 | 58.0 | − 5 42 | 7.10 | *7.88* | G5 | 8 | .. | 38111b |
| 68 | 4971 | 58.0 | − 9 43 | 9.2 | *9.3* | A2 | 3 | .. | 38112b |
| 69 | 5443 | 58.0 | −17 24 | 10.7 | *10.7* | Ao | 2 | .. | 39391b |
| 70 | R | 58.0 | −20 27 | *10.1* | 10.1 | Ao | 2 | .. | 23765b |
| 71 | 5383 | 58.0 | −20 49 | 8.8 | 9.8 | Ko | 3 | .. | 23765b |
| 72 | 13689 | 58.0 | −25 15 | 9.7 | 9.2 | A2 | 4 | .. | 40432b |
| 73 | 13756 | 58.0 | −26 51 | 9.3 | 10.1 | Ao | 2 | .. | 40432b |
| 74 | 16306 | 58.0 | −31 12 | 5.53 | *5.53* | Ao | .. | .. | 28,214 |
| 75 | 13166 | 58.0 | −35 36 | 8.9 | 10.2 | K2 | 1 | .. | 39273b |
| 76 | *13041* | 58.0 | −36 59 | 7.9 | 7.8 | Ao | 7 | 1,7 | 40737b |
| 77 | 12489 | 58.0 | −49 32 | 8.0 | 8.5 | A3 | 6 | .. | 41441b |
| 78 | 1217 | 58.0 | −78 1 | 6.90 | 8.3 | K2 | 7 | .. | 42793b |
| 79 | 2599 | 58.1 | +46 22 | 9.0 | *10.4* | Ma | 1 | .. | 37348i |
| 80 | 3223 | 58.1 | +42 15 | 8.6 | *9.0* | F5 | 3 | .. | 37348i |
| 81 | 3564 | 58.1 | +40 28 | 8.4 | *8.4* | A | 2 | .. | 37348i |
| 82 | 3755 | 58.1 | +14 26 | 6.80 | *7.36* | Go | 6 | 2,8 | 37202i |
| 83 | 3874 | 58.1 | +13 39 | 9.1 | *9.6* | F8 | 4 | .. | 5555m |
| 84 | 3955 | 58.1 | + 8 31 | 9.4 | *10.0* | Go | 1 | .. | 40333b |
| 85 | 3880 | 58.1 | + 3 18 | 10.4 | *10.4* | Ao | 2 | .. | 13424b |
| 86 | 3629 | 58.1 | − 1 3 | 9.4 | *10.0* | Go | 3 | .. | 23253b |
| 87 | 4837 | 58.1 | − 2 16 | 10.1 | *10.6* | F8 | 3 | .. | 23253b |
| 88 | 4835 | 58.1 | − 2 40 | 10.1 | *10.1* | B9 | 2 | .. | 23253b |
| 89 | *4466* | 58.1 | − 2 56 | 7.7 | *8.8* | K2 | 6 | .. | 38111b |
| 90 | .. | 58.1 | − 6 9 | .. | .. | G5 | 1 | .. | 38112b |
| 91 | 5023 | 58.1 | − 6 23 | 10.6 | *11.2* | Go | 1 | .. | 38112b |
| 92 | 4833 | 58.1 | − 7 30 | 8.7 | *9.0* | F2 | 5 | .. | 38112b |
| 93 | 5128 | 58.1 | −16 9 | 8.5 | *8.8* | Fo | 4 | .. | 38080b |
| 94 | *5384* | 58.1 | −19 57 | 10.6 | 11.2 | G5 | 1 | .. | 23765b |
| 95 | 5385 | 58.1 | −20 35 | 9.4 | 9.8 | Go | 3 | .. | 23765b |
| 96 | 5230 | 58.1 | −21 44 | 10.6 | 10.7 | Fo | 2 | .. | 23765b |
| 97 | 13691 | 58.1 | −25 39 | 9.7 | 9.6 | Go | 2 | .. | 40432b |
| 98 | 13885 | 58.1 | −33 33 | 9.9 | 9.7 | Ko | 1 | .. | 39273b |
| 99 | 13878 | 58.1 | −42 12 | 10.3 | 11.2 | Ko | 1 | .. | 39471b |
| 100 | 9469 | 58.1 | −53 23 | *9.5* | 10.1 | Go | 2 | .. | 39661b |



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## 177100 — $18^h\,58^m.1$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 9470 | 58.1 | −53 42 | 8.0 | 8.9 | Ko | 5 | .. | 39661b |
| 2 | 9249 | 58.1 | −54 15 | 9.2 | 10.2 | A2 | 4 | .. | 39661b |
| 3 | 9314 | 58.1 | −57 16 | 7.8 | 8.2 | A3 | 6 | .. | 40463b |
| 4 | 6033 | 58.1 | −62 18 | *7.6* | 8.0 | F5 | 5 | .. | 42464b |
| 5 | 3765 | 58.1 | −65 5 | 9.30 | 9.6 | F8 | 1 | .. | 42464b |
| 6 | 1147 | 58.2 | +66 12 | 8.8 | *8.8* | A | 2 | E | 38067i |
| 7 | 2176 | 58.2 | +56 49 | 8.8 | *9.6* | G5 | 3 | .. | 38518i |
| 8 | 3396 | 58.2 | +34 40 | 8.6 | *8.6* | A | 1 | .. | 37845i |
| 9 | 3295 | 58.2 | +33 29 | 6.22 | *6.05* | B3 | 9 | .. | 37845i |
| 10 | *3536* | 58.2 | +24 3 | 8.8 | *9.8* | Ko | 1 | .. | 38511i |
| 11 | 3757 | 58.2 | +14 46 | 10.4 | *10.4* | A | 2 | .. | 5555m |
| 12 | 3875 | 58.2 | +13 35 | 9.2 | *9.2* | Ao | 3 | .. | 5555m |
| 13 | 3768 | 58.2 | +10 19 | 8.32 | *9.10* | G5 | 2 | .. | 38537i |
| 14 | 4017 | 58.2 | + 5 30 | 9.4 | *10.0* | Go | 2 | .. | 40333b |
| 15 | 4088 | 58.2 | + 0 26 | 7.06 | *8.13* | K2 | 4 | 0,8 | 13464b |
| 16 | *5231* | 58.2 | −20 56 | 8.9 | 9.8 | Ko | 4 | .. | 23765b |
| 17 | 4960 | 58.2 | −22 34 | 10.6 | 10.6 | Ao | 3 | .. | 23765b |
| 18 | 4961 | 58.2 | −22 41 | 8.9 | 8.6 | B9 | 8 | .. | 23765b |
| 19 | 4963 | 58.2 | −22 56 | 10.6 | 10.7 | Go | 2 | .. | 23765b |
| 20 | 15008 | 58.2 | −23 3 | 6.69 | 7.1 | Ao | 4 | .. | 10085b |
| 21 | 15665 | 58.2 | −29 26 | 9.7 | 9.6 | Fo | 2 | .. | 40432b |
| 22 | 16309 | 58.2 | −31 31 | 7.9 | 8.4 | Go | 6 | 5,5 | 39273b |
| 23 | 13316 | 58.2 | −38 7 | 7.21 | 7.2 | B9 | 8 | 0,8 | 40427b |
| 24 | 13095 | 58.2 | −39 17 | 8.9 | 9.8 | A5 | 2 | .. | 40427b |
| 25 | 13086 | 58.2 | −43 30 | 10.6 | 10.8 | Ko | 2 | .. | 39471b |
| 26 | 6034 | 58.2 | −62 38 | *8.6* | 8.7 | A5 | 4 | .. | 42464b |
| 27 | 370 | 58.2 | −86 41 | *9.2* | 10.0 | G5 | 4 | .. | 22980b |
| 28 | 3209 | 58.3 | +41 43 | 8.9 | *8.9* | Ao | 2 | .. | 37348i |
| 29 | 3758 | 58.3 | +14 15 | 10.4 | *10.4* | Ao | 2 | .. | 5555m |
| 30 | 4004 | 58.3 | + 6 50 | 9.4 | *9.8* | F5 | 1 | .. | 40333b |
| 31 | 4018 | 58.3 | + 5 48 | 9.4 | *9.4* | Ao | 2 | .. | 40333b |
| 32 | 4852 | 58.3 | − 5 18 | 9.2 | *9.5* | Fo | 4 | .. | 38111b |
| 33 | 4827 | 58.3 | − 8 6 | 10.1 | *10.7* | Go | 2 | .. | 38112b |
| 34 | *5263* | 58.3 | −11 57 | 9.4 | *9.7* | F2 | 2 | .. | 38080b |
| 35 | 5208 | 58.3 | −13 35 | 9.7 | *9.8* | A5 | 2 | .. | 38080b |
| 36 | 5445 | 58.3 | −17 2 | 8.2 | *9.2* | Ko | 5 | 5,3 | 39391b |
| 37 | 5446 | 58.3 | −17 54 | 8.5 | *8.5* | B8 | 7 | .. | 23765b |
| 38 | 16312 | 58.3 | −31 6 | 8.9 | 8.5 | Ao | 6 | 0,6 | 39273b |
| 39 | 13890 | 58.3 | −33 19 | 9.0 | 9.3 | Ko | 3 | .. | 39273b |
| 40 | 13376 | 58.3 | −34 29 | 8.6 | 8.8 | A2 | 6 | .. | 39273b |
| 41 | 13374 | 58.3 | −34 38 | 10.1 | 10.1 | Ao | 2 | .. | 39273b |
| 42 | 13375 | 58.3 | −34 44 | 9.9 | 10.2 | Ko | 1 | .. | 39273b |
| 43 | 13881 | 58.3 | −42 22 | 9.3 | 9.8 | Fo | 2 | .. | 38141b |
| 44 | 13882 | 58.3 | −42 54 | 10.6 | 10.3 | A3 | 1 | .. | 38141b |
| 45 | 12888 | 58.3 | −48 29 | 9.9 | 10.6 | G | 1 | .. | 41441b |
| 46 | 12887 | 58.3 | −48 33 | 9.7 | 10.0 | Go | 2 | .. | 41441b |
| 47 | *7445* | 58.3 | −58 58 | *9.5* | 10.0 | F8 | 2 | .. | 39381b |
| 48 | *3767* | 58.3 | −64 59 | 9.55 | 10.6 | G5 | 1 | .. | 42464b |
| 49 | 3766 | 58.3 | −65 22 | *9.8* | 10.6 | G5 | 1 | .. | 42464b |
| 50 | 3411 | 58.3 | −66 34 | *8.6* | 8.7 | A5 | 3 | .. | 41442b |
| 51 | 2739 | 58.4 | +47 53 | 7.08 | *8.08* | Ko | 5 | .. | 37348i |
| 52 | 3042 | 58.4 | +44 14 | 7.42 | *7.40* | B9 | 5 | .. | 37348i |
| 53 | 3210 | 58.4 | +41 21 | 7.30 | *7.86* | Go | 6 | .. | 37348i |
| 54 | 3639 | 58.4 | +21 37 | 9.0 | *9.5* | F8 | 1 | .. | 38511i |
| 55 | *3668* | 58.4 | +16 4 | 10.4 | *11.0* | Go | 1 | .. | 5555m |
| 56 | 3877 | 58.4 | +13 5 | 9.0 | *9.1* | A2 | 3 | .. | 5555m |
| 57 | 3779 | 58.4 | +12 29 | 9.1 | *9.1* | Ao | 4 | E | 23239b |
| 58 | 3970 | 58.4 | + 9 48 | 9.4 | *9.5* | A2 | 2 | .. | 23239b |
| 59 | 3864 | 58.4 | + 1 52 | 9.0 | *9.0* | Ao | 2 | .. | 13424b |
| 60 | 4089 | 58.4 | + 0 10 | 9.2 | *10.3* | K2 | 1 | .. | 23253b |
| 61 | 4836 | 58.4 | − 7 32 | 10.3 | *10.3* | Ao | 2 | .. | 38112b |
| 62 | 5211 | 58.4 | −15 29 | 9.7 | *10.9* | K5 | 1 | .. | 38080b |
| 63 | 5129 | 58.4 | −16 18 | 10.6 | *12.0* | Ma | .. | .. | M |
| 64 | 5388 | 58.4 | −20 17 | 8.5 | 7.9 | B8 | 8 | .. | 23765b |
| 65 | 5387 | 58.4 | −20 38 | 10.7 | 11.7 | A5 | 2 | .. | 23765b |
| 66 | 5233 | 58.4 | −21 41 | 6.87 | 7.5 | Go | 3 | 2,9 | 10085b |
| 67 | 15326 | 58.4 | −28 16 | 9.7 | 10.4 | Ko | 1 | .. | 40432b |
| 68 | 15667 | 58.4 | −29 0 | 9.3 | 9.3 | G5 | 3 | .. | 40432b |
| 69 | 13315 | 58.4 | −41 53 | 8.6 | 8.7 | F5 | 5 | 5,4 | 38141b |
| 70 | 12798 | 58.4 | −46 11 | 8.5 | 9.6 | G5 | 6 | .. | 41441b |
| 71 | 11356 | 58.4 | −52 29 | 5.18 | 5.9 | Go | .. | R | **56**,143 |
| 72 | 9473 | 58.4 | −53 2 | *10.1* | 11.1 | Ko | 1 | .. | 39661b |
| 73 | .. | 58.5 | +16 11 | .. | .. | A | 1 | .. | 5555m |
| 74 | 3781 | 58.5 | +12 32 | 8.9 | *9.0* | A3 | 3 | E | 23239b |
| 75 | 3780 | 58.5 | +12 7 | 8.7 | *10.1* | Mb | 3 | .. | 23239b |
| 76 | 3971 | 58.5 | + 9 47 | 8.4 | *9.5* | K2 | 2 | 3,1 | 23239b |
| 77 | 4019 | 58.5 | + 5 51 | 7.8 | *7.9* | A2 | 7 | .. | 40333b |
| 78 | 3865 | 58.5 | + 1 40 | 5.72 | *5.78* | A2 | 8 | .. | 38560i |
| 79 | 3635 | 58.5 | − 0 12 | 8.5 | *9.7* | K5 | 1 | .. | 13464b |
| 80 | 4931 | 58.5 | −10 24 | 9.1 | *10.5* | Ma | 1 | .. | 38080b |
| 81 | 4932 | 58.5 | −10 50 | 9.2 | *9.2* | Ao | 2 | .. | 38080b |
| 82 | 5210 | 58.5 | −13 56 | 8.8 | *8.8* | B9 | 3 | .. | 38080b |
| 83 | .. | 58.5 | −16 51 | .. | .. | Ao | 1 | .. | 39391b |
| 84 | 5188 | 58.5 | −18 4 | 11.0 | *11.0* | Ao | 3 | .. | 39391b |
| 85 | 5286 | 58.5 | −19 12 | 10.7 | 10.4 | Fo | 2 | .. | 39391b |
| 86 | 13520 | 58.5 | −27 16 | 9.5 | 9.2 | A2 | 4 | .. | 40432b |
| 87 | 15671 | 58.5 | −29 52 | 9.58 | 10.2 | G5 | 1 | .. | 40432b |
| 88 | 13099 | 58.5 | −39 1 | 9.9 | 10.9 | Ko | 1 | .. | 40427b |
| 89 | 13091 | 58.5 | −43 46 | 10.6 | 10.7 | Ao | 2 | .. | 39471b |
| 90 | 8984 | 58.5 | −55 53 | *9.4* | 10.4 | Ko | 1 | 5,1 | 39661b |
| 91 | 7579 | 58.5 | −58 51 | *9.1* | 9.6 | F8 | 2 | .. | 39381b |
| 92 | 2365 | 58.5 | −71 22 | *9.6* | 10.7 | K2 | 2 | .. | 42526b |
| 93 | 1218 | 58.5 | −78 10 | *8.4* | 9.2 | G5 | 3 | .. | 42793b |
| 94 | 1671 | 58.6 | +62 53 | 8.1 | *8.2* | A2 | 2 | E | 38518i |
| 95 | 2177 | 58.6 | +56 24 | 8.8 | *8.8* | B8 | 3 | .. | 38518i |
| 96 | 2602 | 58.6 | +46 47 | 5.06 | *5.20* | A5 | .. | 0,10 | **56**,96 |
| 97 | 2816 | 58.6 | +45 31 | 9.3 | *9.3* | A | 2 | .. | 37348i |
| 98 | 3143 | 58.6 | +43 42 | 9.0 | *10.0* | K | 1 | .. | 37348i |
| 99 | 3888 | 58.6 | +19 31 | 6.25 | *7.25* | Ko | 6 | 2,4 | 37202i |
| 100 | 3833 | 58.6 | +17 41 | 8.7 | *9.0* | F | 2 | .. | 37202i |



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1922AnHar..97....1C



## 177200 — $18^h\,58^m.6$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 3669 | 58.6 | +15 16 | 9.7 | *9.7* | Ao | 2 | .. | 5555m |
| 2 | *3879* | 58.6 | +14 2 | 9.2 | *9.5* | F2 | 3 | .. | 5555m |
| 3 | 3878 | 58.6 | +13 30 | 9.2 | *9.2* | Ao | 2 | .. | 5555m |
| 4 | 3944 | 58.6 | + 7 9 | 9.2 | *9.3* | A2 | 3 | .. | 40333b |
| 5 | 3765 | 58.6 | + 2 24 | 6.98 | *7.98* | Ko | 8 | .. | 13424b |
| 6 | 3631 | 58.6 | − 1 20 | 8.5 | *8.6* | A2 | 7 | .. | 13464b |
| 7 | 4839 | 58.6 | − 2 0 | 8.5 | *8.5* | B9 | 2 | .. | 13464b |
| 8 | 4934 | 58.6 | −10 25 | 9.4 | *10.2* | G5 | 2 | .. | 38080b |
| 9 | 4933 | 58.6 | −10 41 | 9.7 | *11.1* | Ma | .. | .. | M |
| 10 | 5277 | 58.6 | −14 28 | 8.7 | *9.9* | K5 | 3 | .. | 38080b |
| 11 | 5235 | 58.6 | −21 37 | 9.4 | 10.6 | Ko | 2 | .. | 23765b |
| 12 | 4964 | 58.6 | −22 33 | 10.6 | 10.8 | F5 | 2 | .. | 23765b |
| 13 | 13693 | 58.6 | −25 23 | 6.87 | 7.3 | Ao | .. | 2,8 | **56**,143 |
| 14 | 13694 | 58.6 | −25 41 | 10.4 | 9.8 | A2 | 2 | .. | 40432b |
| 15 | 16613 | 58.6 | −30 29 | 9.7 | 9.9 | F5 | 2 | .. | 40432b |
| 16 | 14833 | 58.6 | −32 3 | 8.6 | 9.9 | Ko | 1 | .. | 39273b |
| 17 | 13174 | 58.6 | −35 40 | 9.9 | 9.6 | F5 | 2 | .. | 39273b |
| 18 | 13321 | 58.6 | −38 48 | 8.9 | 10.9 | Ko | 1 | .. | 40427b |
| 19 | 13102 | 58.6 | −39 44 | 8.6 | 7.7 | Ao | 8 | .. | 40427b |
| 20 | 12721 | 58.6 | −47 42 | 9.9 | 9.9 | F5 | 2 | .. | 41441b |
| 21 | 12890 | 58.6 | −48 19 | 9.5 | 9.4 | Ao | 5 | .. | 41441b |
| 22 | 2366 | 58.6 | −71 42 | 6.78 | 8.1 | Ko | 7 | .. | 41442b |
| 23 | 2817 | 58.7 | +45 28 | 8.7 | *9.7* | K | 1 | .. | 37348i |
| 24 | .. | 58.7 | +16 33 | .. | .. | Ko | 1 | .. | 5555m |
| 25 | 3670 | 58.7 | +15 28 | 9.0 | *10.1* | K2 | 2 | .. | 5555m |
| 26 | *3760* | 58.7 | +15 2 | 9.14 | *10.14* | Ko | 1 | .. | 5555m |
| 27 | 3881 | 58.7 | +13 55 | 9.1 | *10.1* | Ko | 2 | .. | 5555m |
| 28 | 3945 | 58.7 | + 7 13 | 9.1 | *9.4* | Fo | 4 | .. | 40333b |
| 29 | 4090 | 58.7 | + 0 37 | 9.2 | *10.3* | K2 | 3 | .. | 23253b |
| 30 | 4678 | 58.7 | − 4 28 | 11.12 | .. | Oc | .. | .. | M |
| 31 | 4855 | 58.7 | − 5 0 | 10.3 | *10.3* | B9 | 2 | .. | 38111b |
| 32 | 4854 | 58.7 | − 5 35 | 9.1 | *9.4* | Fo | 3 | .. | 38111b |
| 33 | 5027 | 58.7 | − 6 3 | 10.6 | *11.1* | F8 | 2 | .. | 38112b |
| 34 | 5025 | 58.7 | − 6 12 | 9.4 | *10.5* | K2 | 2 | .. | 38112b |
| 35 | 4837 | 58.7 | − 7 4 | 9.9 | *9.9* | Ao | 2 | .. | 38112b |
| 36 | 4838 | 58.7 | − 7 48 | 9.7 | *10.2* | F8 | 3 | .. | 38112b |
| 37 | 4831 | 58.7 | − 8 18 | 9.1 | *10.2* | K2 | 3 | .. | 38112b |
| 38 | 5265 | 58.7 | −12 42 | 9.2 | *10.3* | K2 | 1 | .. | 38064b |
| 39 | *5190* | 58.7 | −17 58 | 11.0 | *12.0* | Ko | 1 | .. | 39391b |
| 40 | 5238 | 58.7 | −21 10 | 9.1 | 9.0 | F8 | 5 | .. | 23765b |
| 41 | 5237 | 58.7 | −21 53 | 3.90 | *4.90* | Ko | .. | 5,9 R | **28**,214 |
| 42 | *13695* | 58.7 | −24 58 | 8.60 | 9.5 | K2 | 5 | .. | 23765b |
| 43 | 13899 | 58.7 | −33 10 | 8.9 | 9.0 | F5 | 6 | .. | 39273b |
| 44 | 13282 | 58.7 | −36 19 | 8.6 | 8.8 | A5 | 6 | .. | 40737b |
| 45 | 13887 | 58.7 | −42 13 | 10.1 | 11.2 | K2 | 1 | .. | 39471b |
| 46 | 13888 | 58.7 | −42 49 | 10.3 | 9.8 | A2 | 1 | .. | 38141b |
| 47 | 3769 | 58.7 | −65 19 | *9.0* | 9.6 | Go | 2 | .. | 42464b |
| 48 | 678 | 58.7 | −83 56 | *9.4* | 9.9 | F8 | 1 | .. | 14161b |
| 49 | 2137 | 58.8 | +55 31 | 5.52 | *6.30* | G5 | 10 | .. | 38518i |
| 50 | 3315 | 58.8 | +37 40 | 7.8 | *8.8* | Ko | 2 | .. | 38520i |
| 51 | 3453 | 58.8 | +29 9 | 7.73 | *8.73* | Ko | 2 | .. | 38501i |
| 52 | 3762 | 58.8 | +14 59 | 10.4 | *10.4* | A | 1 | .. | 5555m |
| 53 | 3711 | 58.8 | +11 39 | 9.4 | *9.7* | F2 | 3 | .. | 23239b |
| 54 | 3769 | 58.8 | +10 24 | 8.5 | *8.5* | Ao | 2 | .. | 38537i |
| 55 | 3972 | 58.8 | + 9 43 | 8.9 | *9.0* | A3 | 1 | .. | 14171b |
| 56 | 3956 | 58.8 | + 8 9 | 7.55 | *8.11* | Go | 5 | 5,3 | 39461b |
| 57 | 3959 | 58.8 | + 4 55 | 8.10 | *9.17* | K2 | 3 | .. | 40333b |
| 58 | 3766 | 58.8 | + 2 21 | 7.9 | *8.0* | A2 | 8 | .. | 13424b |
| 59 | *3635* | 58.8 | − 0 56 | 8.1 | *8.9* | G5 | 4 | .. | 13464b |
| 60 | 4856 | 58.8 | − 5 34 | 10.3 | *10.4* | A3 | 2 | .. | 38111b |
| 61 | 4832 | 58.8 | − 8 32 | 9.4 | *10.6* | K5 | 1 | .. | 38112b |
| 62 | 4833 | 58.8 | − 8 43 | 8.7 | *8.7* | B8 | 6 | .. | 38112b |
| 63 | 5132 | 58.8 | −16 30 | 10.6 | *11.6* | Ko | 1 | .. | 39391b |
| 64 | 5389 | 58.8 | −20 39 | 9.9 | 10.6 | G5 | 3 | .. | 23765b |
| 65 | 13526 | 58.8 | −27 40 | 9.3 | 8.9 | Fo | 4 | .. | 40432b |
| 66 | 15337 | 58.8 | −28 55 | 10.2 | 9.8 | F8 | 1 | .. | 40432b |
| 67 | 14836 | 58.8 | −32 43 | 9.3 | 9.3 | F5 | 3 | .. | 39273b |
| 68 | 13384 | 58.8 | −34 25 | 9.3 | 8.8 | A2 | 5 | .. | 39273b |
| 69 | 13044 | 58.8 | −37 1 | 9.9 | 9.7 | A2 | 2 | .. | 40427b |
| 70 | 12974 | 58.8 | −45 2 | 9.06 | 9.7 | F8 | 3 | .. | 38141b |
| 71 | 9320 | 58.8 | −57 27 | 9.2 | 10.5 | Ko | 3 | .. | 39381b |
| 72 | 7259 | 58.8 | −60 3 | 9.42 | 9.6 | F5 | 4 | .. | 39381b |
| 73 | 2959 | 58.8 | −69 22 | *8.8* | 9.4 | Go | 2 | .. | 41442b |
| 74 | 1803 | 58.9 | +61 17 | 8.1 | *8.9* | G5 | 2 | .. | 38518i |
| 75 | 1868 | 58.9 | +60 51 | 7.9 | *9.0* | K2 | 1 | .. | 38518i |
| 76 | 1928 | 58.9 | +57 21 | 8.7 | *9.8* | K2 | 2 | .. | 38518i |
| 77 | 2818 | 58.9 | +45 23 | 8.7 | *8.7* | A | 2 | .. | 37348i |
| 78 | 3568 | 58.9 | +40 35 | 8.6 | *8.6* | A | 2 | .. | 37348i |
| 79 | 3441 | 58.9 | +31 16 | 8.2 | *8.3* | A3 | 3 | .. | 37845i |
| 80 | 3541 | 58.9 | +23 58 | 8.0 | *8.0* | B9 | 4 | .. | 37848i |
| 81 | 3885 | 58.9 | +13 17 | 9.7 | *10.2* | F8 | 1 | .. | 5555m |
| 82 | 3973 | 58.9 | + 9 14 | 7.5 | *8.7* | K5 | 3 | .. | 38537i |
| 83 | 4091 | 58.9 | + 0 8 | 10.0 | *10.0* | Ao | 2 | .. | 23253b |
| 84 | 4840 | 58.9 | − 2 10 | 8.7 | *8.5* | B3 | 4 | .. | 13464b |
| 85 | 4857 | 58.9 | − 5 24 | 9.7 | *11.1* | Ma | 1 | .. | 38111b |
| 86 | 4834 | 58.9 | − 8 27 | 10.6 | *10.6* | Ao | 1 | .. | 38112b |
| 87 | 5278 | 58.9 | −14 31 | 10.6 | *10.6* | Ao | 1 | .. | 38080b |
| 88 | 5213 | 58.9 | −15 6 | 10.6 | *11.6* | Ko | 1 | .. | 38080b |
| 89 | 5133 | 58.9 | −16 32 | 10.6 | *10.7* | A2 | 4 | .. | 39391b |
| 90 | *5193* | 58.9 | −17 57 | 8.5 | *8.6* | A2 | 8 | .. | 23765b |
| 91 | 5191 | 58.9 | −18 51 | 8.7 | *8.7* | B8 | 7 | .. | 23765b |
| 92 | *5240* | 58.9 | −20 56 | 10.3 | 10.7 | K | 1 | .. | 23765b |
| 93 | 5239 | 58.9 | −21 9 | 9.7 | 10.4 | G5 | 2 | .. | 23765b |
| 94 | 14986 | 58.9 | −24 49 | 8.12 | 8.6 | F2 | 8 | .. | 23765b |
| 95 | 13700 | 58.9 | −25 4 | 8.75 | 8.9 | F5 | 7 | .. | 23765b |
| 96 | 14839 | 58.9 | −32 33 | 8.3 | 8.4 | F5 | 6 | .. | 39273b |
| 97 | 13900 | 58.9 | −33 41 | 9.9 | 9.6 | Ao | 2 | .. | 39273b |
| 98 | 13323 | 58.9 | −38 3 | 8.9 | 9.5 | Go | 3 | 0,3 | 40427b |
| 99 | 12977 | 58.9 | −45 31 | 9.1 | 10.2 | K2 | 3 | .. | 38141b |
| 100 | 11917 | 58.9 | −51 34 | 7.33 | 7.7 | F8 | 8 | .. | 39661b |



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## 177300 — 18h 58m.9

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 9090 | 58.9 | −56 18 | *10.4* | 10.8 | F5 | 1 | .. | 39661b |
| 2 | 2338 | 58.9 | −72 19 | *9.0* | 9.0 | Ao | 4 | .. | 41442b |
| 3 | 3399 | 59.0 | +34 26 | 7.7 | *8.7* | Ko | 2 | .. | 37845i |
| 4 | 3836 | 59.0 | +17 42 | 8.3 | *9.3* | K | 1 | .. | 37202i |
| 5 | 3712 | 59.0 | +16 56 | 7.46 | *8.02* | Go | 4 | 0,8 | 37202i |
| 6 | 3957 | 59.0 | + 8 38 | 8.7 | *9.8* | K2 | 1 | .. | 40333b |
| 7 | 3946 | 59.0 | + 7 57 | 8.9 | *9.9* | Ko | 2 | .. | 40333b |
| 8 | 3961 | 59.0 | + 4 7 | 9.7 | *9.7* | Ao | 1 | .. | 13424b |
| 9 | 3870 | 59.0 | + 1 21 | 9.4 | *9.4* | Ao | 3 | .. | 13424b |
| 10 | 4839 | 59.0 | − 7 51 | 8.1 | *8.1* | B8 | 6 | .. | 38112b |
| 11 | 4978 | 59.0 | − 9 8 | 9.1 | *10.2* | K2 | 2 | .. | 38112b |
| 12 | 4977 | 59.0 | − 9 41 | 8.9 | *9.4* | F8 | 3 | .. | 38112b |
| 13 | 5211 | 59.0 | −13 6 | 10.6 | *10.6* | Ao | 2 | .. | 38064b |
| 14 | .. | 59.0 | −13 21 | .. | .. | Ao | 1 | .. | 38064b |
| 15 | 5453 | 59.0 | −17 28 | 8.3 | *8.3* | B9 | 3 | .. | 43224b |
| 16 | 13766 | 59.0 | −26 17 | 7.42 | 8.9 | K2 | 5 | .. | 40432b |
| 17 | 15342 | 59.0 | −28 9 | 11.2 | 9.8 | A2 | 2 | .. | 40432b |
| 18 | 15345 | 59.0 | −28 16 | 9.5 | 8.9 | A5 | 4 | .. | 40432b |
| 19 | 13903 | 59.0 | −33 56 | 7.49 | 8.1 | Ko | 7 | .. | 39273b |
| 20 | 13184 | 59.0 | −35 31 | 7.5 | 9.4 | K2 | 4 | .. | 39273b |
| 21 | 12978 | 59.0 | −45 56 | 9.9 | 10.8 | K5 | 1 | .. | 39471b |
| 22 | 12804 | 59.0 | −46 6 | 8.7 | 9.0 | F8 | 7 | .. | 41441b |
| 23 | 12803 | 59.0 | −46 15 | 10.6 | 10.5 | Ao | 1 | .. | 39471b |
| 24 | 12896 | 59.0 | −48 6 | 9.7 | 10.0 | F5 | 3 | .. | 41441b |
| 25 | 3614 | 59.0 | −67 42 | *8.0* | 9.0 | Ko | 3 | .. | 41442b |
| 26 | 1929 | 59.1 | +57 40 | 8.2 | *8.5* | F2 | 4 | .. | 38518i |
| 27 | 2819 | 59.1 | +45 43 | 9.3 | *10.3* | Ko | 2 | .. | 37348i |
| 28 | 3230 | 59.1 | +42 50 | 8.1 | *8.1* | Ao | 5 | .. | 37348i |
| 29 | 3708 | 59.1 | +25 9 | 8.31 | *8.31* | Ao | 3 | .. | 37848i |
| 30 | 3838 | 59.1 | +17 9 | 7.12 | *8.19* | K2 | 3 | .. | 37202i |
| 31 | 3974 | 59.1 | + 9 42 | 9.0 | *10.1* | K2 | 2 | .. | 23239b |
| 32 | 3882 | 59.1 | + 3 11 | 6.50 | *6.56* | A2 | 6 | .. | 38560i |
| 33 | 3769 | 59.1 | + 2 23 | 8.5 | *8.5* | B8 | 7 | .. | 13424b |
| 34 | 3639 | 59.1 | − 0 26 | 8.1 | *9.3* | K5 | 1 | .. | 13464b |
| 35 | 3638 | 59.1 | − 0 41 | 8.1 | *9.1* | Ko | 3 | .. | 13464b |
| 36 | 4858 | 59.1 | − 5 50 | var. | var. | Np | 1 | 0,1 R | 38111b |
| 37 | 4841 | 59.1 | − 7 11 | 10.3 | *10.6* | Fo | 1 | .. | 38112b |
| 38 | 5280 | 59.1 | −14 0 | 9.4 | *9.4* | B9 | 2 | .. | 38080b |
| 39 | 5215 | 59.1 | −15 49 | 10.6 | *10.6* | Ao | 2 | .. | 39391b |
| 40 | 5454 | 59.1 | −17 0 | 8.1 | *8.1* | B8 | 5 | .. | 43224b |
| 41 | 15680 | 59.1 | −29 7 | 10.2 | 9.9 | G5 | 1 | .. | 40432b |
| 42 | 15681 | 59.1 | −29 21 | 10.2 | 9.3 | F2 | 3 | .. | 40432b |
| 43 | 13107 | 59.1 | −44 2 | 9.9 | 10.2 | F5 | 2 | .. | 38141b |
| 44 | 12979 | 59.1 | −45 37 | 10.6 | 10.8 | G5 | 1 | .. | 39471b |
| 45 | 3770 | 59.1 | −65 41 | *7.9* | 8.2 | Fo | 7 | .. | 41442b |
| 46 | 1038 | 59.2 | +68 50 | 8.7 | *9.8* | K2 | 1 | .. | 37907i |
| 47 | 3710 | 59.2 | +25 41 | 6.93 | *6.88* | B8 | 6 | .. | 37848i |
| 48 | 3542 | 59.2 | +23 29 | 8.1 | *8.9* | G5 | 2 | .. | 37848i |
| 49 | 3713 | 59.2 | +16 49 | 7.9 | *8.9* | Ko | 4 | .. | 5555m |
| 50 | 3887 | 59.2 | +13 32 | 8.7 | *9.8* | K2 | 2 | .. | 5555m |
| 51 | 3784 | 59.2 | +12 36 | 8.1 | *8.2* | A2 | 2 | .. | 37202i |
| 52 | 3773 | 59.2 | +10 42 | 7.9 | *8.4* | F8 | 2 | .. | 38537i |
| 53 | *3947* | 59.2 | + 8 4 | 9.7 | *10.3* | Go | 3 | .. | 23239b |
| 54 | 3883 | 59.2 | + 3 57 | 9.0 | *9.0* | Ao | 2 | .. | 13424b |
| 55 | 4679 | 59.2 | − 4 0 | 9.4 | *10.0* | Go | 2 | .. | 38111b |
| 56 | 4835 | 59.2 | − 8 51 | 8.8 | *9.3* | F8 | 3 | .. | 38112b |
| 57 | 5279 | 59.2 | −14 42 | 9.4 | *10.4* | Ko | 2 | .. | 38080b |
| 58 | 5194 | 59.2 | −18 54 | 10.6 | *11.6* | Ko | 3 | 0,2 | 39391b |
| 59 | 5242 | 59.2 | −21 5 | 7.9 | 8.9 | K5 | 8 | .. | 23765b |
| 60 | 4967 | 59.2 | −22 27 | 10.6 | 10.7 | A5 | 3 | .. | 23765b |
| 61 | 15018 | 59.2 | −23 52 | 9.7 | 11.2 | K2 | 2 | .. | 23765b |
| 62 | 14994 | 59.2 | −24 23 | 10.9 | 10.3 | A5 | 2 | .. | 23765b |
| 63 | 15349 | 59.2 | −28 0 | 11.2 | 9.2 | Ao | 4 | .. | 40432b |
| 64 | 12327 | 59.2 | −50 15 | 10.3 | 10.3 | A2 | 1 | .. | 41441b |
| 65 | 12326 | 59.2 | −50 28 | 6.54 | 6.1 | Ao | 6 | R | 3667b |
| 66 | 11361 | 59.2 | −52 5 | 8.7 | 10.0 | K2 | 3 | .. | 39661b |
| 67 | 8990 | 59.2 | −55 6 | *9.6* | 10.2 | Go | 3 | .. | 39661b |
| 68 | 8991 | 59.2 | −55 54 | 8.8 | 10.2 | K2 | 2 | .. | 40463b |
| 69 | 1004 | 59.2 | −79 11 | *7.7* | 8.1 | F5 | 4 | .. | 14161b |
| 70 | 3457 | 59.3 | +29 53 | 7.91 | *8.98* | K2 | 1 | .. | 38501i |
| 71 | 3711 | 59.3 | +25 54 | 8.0 | *8.0* | Ao | 4 | .. | 37848i |
| 72 | 3713 | 59.3 | +11 10 | 7.14 | *7.28* | A5 | 5 | .. | 37202i |
| 73 | 3975 | 59.3 | + 9 59 | 10.4 | *11.0* | Go | 1 | .. | 23239b |
| 74 | 4842 | 59.3 | − 7 36 | 9.7 | *10.7* | Ko | 2 | .. | 38112b |
| 75 | *4979* | 59.3 | − 8 57 | 9.4 | *9.5* | A3 | 3 | .. | 38112b |
| 76 | .. | 59.3 | −16 51 | .. | .. | Ao | 1 | .. | 39391b |
| 77 | 5456 | 59.3 | −17 45 | 10.6 | *10.7* | A2 | 3 | .. | 39391b |
| 78 | 5287 | 59.3 | −19 50 | 8.68 | 9.5 | F5 | 5 | .. | 23765b |
| 79 | 5243 | 59.3 | −21 14 | 8.9 | 8.9 | B9 | 7 | .. | 23765b |
| 80 | 4968 | 59.3 | −22 0 | 9.9 | 9.6 | B8 | 4 | .. | 23765b |
| 81 | 15020 | 59.3 | −23 44 | 10.2 | 9.6 | A3 | 4 | .. | 23765b |
| 82 | 15352 | 59.3 | −28 19 | 10.7 | 9.5 | A5 | 3 | .. | 40432b |
| 83 | 15686 | 59.3 | −29 3 | 10.4 | 10.2 | Ao | 2 | .. | 40432b |
| 84 | 16329 | 59.3 | −31 53 | 9.2 | 10.2 | Ko | 2 | 0,1 | 39273b |
| 85 | 14847 | 59.3 | −32 11 | 8.9 | 9.0 | F8 | 3 | 0,3 | 39273b |
| 86 | 13291 | 59.3 | −36 21 | 8.6 | 8.8 | F8 | 5 | .. | 40737b |
| 87 | 13326 | 59.3 | −38 17 | 8.6 | 9.2 | F5 | 4 | 3,3 | 40427b |
| 88 | 12498 | 59.3 | −49 9 | 8.1 | 9.4 | K2 | 4 | .. | 41441b |
| 89 | 3185 | 59.3 | −68 35 | 5.30 | 6.6 | Ko | .. | 0,10 | **56**,143 |
| 90 | 2743 | 59.4 | +47 9 | 7.9 | *7.9* | Ao G | 5 | R | 37348i |
| 91 | | 59.4 | +47 9 | | | | | | |
| 92 | 3648 | 59.4 | +21 7 | 6.50 | *6.84* | F2 | 6 | .. | 37848i |
| 93 | 4032 | 59.4 | +20 7 | 8.90 | *8.90* | Ao | 2 | .. | 38511i |
| 94 | 3714 | 59.4 | +16 52 | 8.5 | *8.5* | Ao | 6 | .. | 5555m |
| 95 | 3675 | 59.4 | +15 23 | 9.4 | *9.4* | A | 2 | .. | 5555m |
| 96 | 3765 | 59.4 | +14 6 | 9.7 | *9.7* | Ao | 2 | .. | 5555m |
| 97 | 4682 | 59.4 | − 4 16 | 9.9 | *10.5* | Go | 3 | .. | 38111b |
| 98 | 4837 | 59.4 | − 8 16 | 7.45 | *8.45* | Ko | 8 | .. | 38112b |
| 99 | 4836 | 59.4 | − 8 48 | 7.48 | *8.48* | Ko | 8 | .. | 38112b |
| 100 | 5135 | 59.4 | −16 51 | 9.9 | *11.3* | Ma | 1 | .. | 39391b |



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## 177400 — $18^h\,59^m.4$

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 5457 | 59.4 | −17 24 | 11.0 | *11.1* | A2 | 2 | .. | 39391b |
| 2 | 5195 | 59.4 | −18 26 | 9.4 | *10.6* | K5 | 2 | .. | 23765b |
| 3 | 14848 | 59.4 | −32 19 | 9.3 | 9.3 | Fo | 3 | 5,2 | 39273b |
| 4 | 13190 | 59.4 | −35 46 | 8.6 | 9.1 | A2 | 4 | .. | 39273b |
| 5 | 13107 | 59.4 | −39 13 | 7.9 | 8.6 | Fo | 5 | .. | 40427b |
| 6 | 12901 | 59.4 | −48 27 | 6.10 | 6.1 | Ao | 7 | .. | 3667b |
| 7 | 9322 | 59.4 | −57 21 | *9.8* | 10.8 | Ko | 1 | .. | 39381b |
| 8 | 7583 | 59.4 | −58 42 | *9.2* | 10.0 | G5 | 1 | .. | 39381b |
| 9 | 3186 | 59.4 | −68 27 | *7.2* | 8.0 | G5 | 7 | .. | 41442b |
| 10 | 1018 | 59.5 | +69 23 | 6.40 | *6.38* | B9 | 8 | .. | 37907i |
| 11 | 1932 | 59.5 | +57 52 | 8.9 | *10.1* | K5 | 1 | .. | 38518i |
| 12 | 3233 | 59.5 | +42 58 | 7.8 | *8.2* | F5 | 4 | .. | 37348i |
| 13 | 3543 | 59.5 | +23 12 | 8.0 | *9.0* | Ko | 2 | .. | 37848i |
| 14 | 3715 | 59.5 | +16 19 | 7.04 | *8.11* | K2 | 3 | 2,7 | 37202i |
| 15 | 3767 | 59.5 | +14 32 | 9.1 | *10.3* | K5 | 3 | .. | 5555m |
| 16 | 3766 | 59.5 | +14 13 | 8.6 | *8.6* | B9 | 4 | .. | 5555m |
| 17 | 3786 | 59.5 | +12 13 | 9.7 | *10.8* | K2 | 1 | .. | 23239b |
| 18 | 3775 | 59.5 | +10 5 | 9.7 | *9.7* | Ao | 3 | .. | 23239b |
| 19 | 3949 | 59.5 | + 7 54 | 9.7 | *10.3* | Go | 3 | .. | 23239b |
| 20 | 3874 | 59.5 | + 1 50 | 8.4 | *8.5* | A2 | 6 | .. | 13424b |
| 21 | 4473 | 59.5 | − 3 43 | 10.6 | *10.7* | A2 | 1 | .. | 23253b |
| 22 | 5136 | 59.5 | −16 28 | 9.7 | *9.7* | Ao | 6 | .. | 39391b |
| 23 | 5459 | 59.5 | −17 1 | 8.1 | *8.1* | B9 | 5 | .. | 43224b |
| 24 | .. | 59.5 | −17 31 | .. | .. | Ko | 1 | .. | 39391b |
| 25 | 15001 | 59.5 | −24 25 | 9.5 | 9.5 | A2 | 4 | .. | 23765b |
| 26 | 15002 | 59.5 | −24 50 | 7.32 | 8.6 | Ko | 8 | .. | 23765b |
| 27 | 15692 | 59.5 | −29 14 | 6.92 | 7.0 | B8 | 8 | .. | 40432b |
| 28 | 13044 | 59.5 | −40 9 | 8.6 | 8.9 | Fo | 4 | .. | 40427b |
| 29 | 8993 | 59.5 | −55 24 | *9.5* | 10.5 | Ko | 2 | .. | 39661b |
| 30 | 2819 | 59.6 | +48 40 | 9.1 | *10.1* | K | 2 | E | 37348i |
| 31 | 2818 | 59.6 | +48 36 | 9.3 | *10.7* | Ma | .. | .. | M |
| 32 | 3445 | 59.6 | +31 32 | 8.6 | *9.8* | K5 | 1 | .. | 38501i |
| 33 | 3771 | 59.6 | +14 57 | 7.59 | *8.59* | Ko | 3 | 0,7 | 37202i |
| 34 | 3768 | 59.6 | +14 38 | 8.0 | *8.4* | F5 | 2 | .. | 37202i |
| 35 | 3788 | 59.6 | +12 46 | 8.6 | *9.6* | Ko | 3 | E | 23239b |
| 36 | 3787 | 59.6 | +12 37 | 8.9 | *9.0* | A2 | 5 | .. | 23239b |
| 37 | 3789 | 59.6 | +12 16 | 9.2 | *9.6* | F5 | 4 | .. | 23239b |
| 38 | 3951 | 59.6 | + 7 7 | 9.7 | *10.2* | F8 | 2 | .. | 23239b |
| 39 | 3876 | 59.6 | + 1 50 | 9.2 | *9.2* | Ao | 3 | .. | 13424b |
| 40 | 3878 | 59.6 | + 1 39 | 9.1 | *9.7* | Go | 1 | .. | 13424b |
| 41 | 3877 | 59.6 | + 1 9 | var. | var. | K2 | 1 | R | 13424b |
| 42 | 4683 | 59.6 | − 4 11 | 7.15 | *8.15* | Ko | 4 | .. | 13464b |
| 43 | 4845 | 59.6 | − 7 9 | 9.4 | *10.6* | K5 | 2 | .. | 38112b |
| 44 | 4844 | 59.6 | − 7 18 | 8.3 | *8.3* | B8 | 6 | .. | 38112b |
| 45 | 5138 | 59.6 | −16 50 | 10.7 | *11.7* | Ko | 1 | .. | 39391b |
| 46 | .. | 59.6 | −17 5 | .. | .. | Ao | 1 | .. | 39391b |
| 47 | 4969 | 59.6 | −22 31 | 10.6 | 11.7 | G | 1 | .. | 23765b |
| 48 | 15005 | 59.6 | −24 38 | 10.9 | 10.1 | F5 | 2 | .. | 23765b |
| 49 | 13781 | 59.6 | −26 29 | 10.2 | 10.1 | F5 | 1 | .. | 40432b |
| 50 | 13777 | 59.6 | −26 41 | 10.0 | 10.4 | G5 | 1 | .. | 40432b |
| 51 | 13776 | 59.6 | −26 48 | 8.7 | 8.9 | Go | 4 | .. | 40432b |
| 52 | 15359 | 59.6 | −28 29 | 9.7 | 10.4 | A3 | 1 | .. | 40432b |
| 53 | 16333 | 59.6 | −31 33 | 10.9 | 10.5 | Ao | 2 | .. | 39273b |
| 54 | 13913 | 59.6 | −33 10 | 8.6 | 9.3 | Ko | 3 | .. | 39273b |
| 55 | *13110* | 59.6 | −42 58 | 7.4 | 8.1 | Ko | .. | 5,8 | **28**,214 |
| 56 | 12809 | 59.6 | −46 7 | var. | var. | Ma | 5 | R | 41441b |
| 57 | 11923 | 59.6 | −51 0 | 9.3 | 9.4 | Fo | 5 | .. | 39661b |
| 58 | 3146 | 59.7 | +43 12 | 9.5 | *9.5* | A | 2 | .. | 37348i |
| 59 | 3842 | 59.7 | +17 24 | 6.63 | *7.05* | F5 | 6 | .. | 37202i |
| 60 | *3889* | 59.7 | +14 0 | 9.4 | *10.2* | G5 | 2 | .. | 5555m |
| 61 | 3958 | 59.7 | + 8 9 | 8.4 | *9.4* | Ko | 3 | .. | 40333b |
| 62 | 3879 | 59.7 | + 1 12 | 8.39 | *8.45* | A2 | 6 | .. | 13424b |
| 63 | 4684 | 59.7 | − 4 11 | 5.53 | *6.53* | Ko | .. | 2,7 R | **56**,96 |
| 64 | 4839 | 59.7 | − 8 24 | 9.9 | *10.9* | Ko | 1 | .. | 38112b |
| 65 | 5272 | 59.7 | −12 24 | 9.1 | *9.6* | F8 | 3 | .. | 38064b |
| 66 | 5220 | 59.7 | −15 39 | 9.7 | *11.1* | Ma | 1 | .. | 39391b |
| 67 | .. | 59.7 | −17 12 | .. | .. | Fo | 1 | .. | 39391b |
| 68 | 5460 | 59.7 | −17 19 | 9.4 | *9.7* | Fo | 4 | .. | 39391b |
| 69 | 5196 | 59.7 | −18 15 | 9.4 | *10.4* | Ko | 2 | .. | 23765b |
| 70 | .. | 59.7 | −18 48 | .. | .. | Ko | 1 | .. | 39391b |
| 71 | 5245 | 59.7 | −21 11 | 10.6 | 10.6 | G | 2 | .. | 23765b |
| 72 | 16334 | 59.7 | −31 51 | 7.95 | 8.1 | Ao | 6 | 0,6 | 39273b |
| 73 | 13396 | 59.7 | −34 21 | 9.0 | 9.9 | Go | 2 | .. | 39273b |
| 74 | 13048 | 59.7 | −37 12 | 5.01 | *5.51* | F8 | .. | R | **28**,214 |
| 75 | | 59.7 | −37 12 | 5.01 | *5.51* | | | | |
| 76 | 13330 | 59.7 | −38 17 | 8.3 | 9.8 | K5 | 2 | 0,2 | 40427b |
| 77 | 13045 | 59.7 | −40 40 | 8.9 | 9.6 | Ko | 2 | .. | 40427b |
| 78 | 12988 | 59.7 | −45 2 | 11.0 | 11.2 | Ao | 1 | .. | 39471b |
| 79 | 12905 | 59.7 | −48 34 | 10.1 | 11.4 | Ma | .. | .. | 39659b |
| 80 | 11363 | 59.7 | −52 13 | *9.4* | 10.6 | K5 | 1 | .. | 39661b |
| 81 | 7266 | 59.7 | −60 39 | 8.6 | 8.8 | Ao | 4 | .. | 40463b |
| 82 | 47 | 59.7 | −89 15 | 5.48 | *5.76* | Fo | .. | 0,7 R | **56**,143 |
| 83 | 2326 | 59.8 | +52 7 | 6.42 | *7.49* | K2 | 6 | .. | 37884i |
| 84 | 3049 | 59.8 | +44 47 | 9.5 | *9.6* | A3 | 2 | .. | 37348i |
| 85 | 3236 | 59.8 | +42 23 | 8.8 | *8.9* | A2 | 2 | .. | 37348i |
| 86 | 3620 | 59.8 | +39 48 | 8.02 | *9.09* | K2 | 1 | .. | 38520i |
| 87 | 3322 | 59.8 | +37 12 | 8.2 | *8.2* | Ao | 2 | .. | 38520i |
| 88 | 3716 | 59.8 | +16 30 | 9.1 | *9.1* | Ao | 4 | .. | 5555m |
| 89 | 3772 | 59.8 | +14 39 | 9.7 | *10.2* | F8 | 2 | .. | 5555m |
| 90 | 3790 | 59.8 | +12 51 | 8.0 | *8.1* | A2 | 4 | .. | 37202i |
| 91 | 3776 | 59.8 | +10 18 | 10.0 | *10.5* | F8 | 2 | .. | 23239b |
| 92 | 4010 | 59.8 | + 6 16 | 9.7 | *9.7* | Ao | 2 | 0,2 | 14171b |
| 93 | 3885 | 59.8 | + 3 5 | 8.7 | *9.0* | F2 | 4 | .. | 13424b |
| 94 | 3776 | 59.8 | + 2 51 | 8.9 | *10.3* | Mb | .. | .. | M |
| 95 | 3774 | 59.8 | + 2 39 | 8.1 | *9.2* | K2 | 3 | .. | 13424b |
| 96 | 4096 | 59.8 | + 0 5 | 8.88 | *9.88* | Ko | 5 | .. | 23253b |
| 97 | 3643 | 59.8 | − 0 46 | 9.4 | *10.0* | Go | 3 | .. | 23253b |
| 98 | 5032 | 59.8 | − 6 34 | 10.1 | *10.1* | Ao | 2 | .. | 38112b |
| 99 | *4982* | 59.8 | − 8 59 | 9.4 | *10.6* | K5 | 1 | .. | 38112b |
| 100 | 5273 | 59.8 | −12 29 | 10.1 | *10.2* | A3 | 1 | .. | 38064b |



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**177500** **$18^h\ 59^m.8$**

| H.D. | DM. | R.A. 1900 | Dec. 1900 | Ptm. | Ptg. | Sp. | Int. | Rem. | Pl. No. |
|---|---|---|---|---|---|---|---|---|---|
| | | m. | ° ′ | | | | | | |
| 1 | 5222 | 59.8 | −15 51 | 9.7 | *10.0* | F2 | 4 | .. | 39391b |
| 2 | 5139 | 59.8 | −16 43 | 8.2 | *9.2* | Ko | 7 | .. | 39391b |
| 3 | 5198 | 59.8 | −18 4 | 11.0 | *11.0* | Ao | 1 | .. | 39391b |
| 4 | 5246 | 59.8 | −21 4 | 8.7 | 9.8 | Ko | 4 | .. | 23765b |
| 5 | 13542 | 59.8 | −27 31 | 10.2 | 9.8 | G5 | 2 | .. | 40432b |
| 6 | 16337 | 59.8 | −31 10 | 9.0 | 9.7 | Ao | 3 | 0,3 | 39273b |
| 7 | 13323 | 59.8 | −41 42 | 10.8 | 9.2 | Mb | 5 | 0,4 | 38141b |
| 8 | 13119 | 59.8 | −44 20 | 9.3 | 9.6 | Fo | 3 | .. | 38141b |
| 9 | 13118 | 59.8 | −44 52 | 10.1 | 11.1 | K2 | 1 | .. | 39471b |
| 10 | 6337 | 59.8 | −61 52 | 8.6 | 9.6 | Ko | 1 | .. | 42464b |
| 11 | 1873 | 59.9 | +60 45 | 9.0 | *9.8* | G5 | 2 | .. | 38518i |
| 12 | 1935 | 59.9 | +57 41 | 9.1 | *10.5* | Mc | .. | .. | M |
| 13 | *3719* | 59.9 | +12 4 | 9.7 | *10.1* | F5 | 3 | .. | 23239b |
| 14 | 3967 | 59.9 | + 4 24 | 8.6 | *8.6* | Ao | 4 | .. | 13424b |
| 15 | 4686 | 59.9 | − 4 19 | 9.1 | *9.1* | B8 | 3 | .. | 38111b |
| 16 | 4846 | 59.9 | − 7 41 | 9.9 | *9.9* | Ao | 2 | .. | 38112b |
| 17 | 5223 | 59.9 | −15 49 | 5.90 | *5.90* | Aop | .. | 1,9 R | 56,143 |
| 18 | 5199 | 59.9 | −18 10 | 10.1 | *10.7* | Go | 2 | .. | 23765b |
| 19 | 13785 | 59.9 | −26 37 | 9.7 | 9.2 | Fo | 3 | .. | 40432b |
| 20 | 13786 | 59.9 | −26 24 | 8.1 | 9.8 | Ma | 2 | .. | 40432b |
| 21 | 16641 | 59.9 | −30 5 | 9.73 | 9.9 | G5 | 1 | .. | 40432b |
| 22 | 13121 | 59.9 | −44 23 | 7.7 | 9.6 | K2 | 3 | .. | 38141b |
| 23 | 12735 | 59.9 | −47 41 | 7.5 | 7.8 | A3 | 8 | .. | 41441b |
| 24 | 12504 | 59.9 | −49 11 | 9.7 | 9.7 | F5 | 3 | .. | 41441b |
| 25 | 1347 | 59.9 | −77 13 | *8.1* | 8.2 | A3 | 9 | .. | 42793b |

## REMARKS.

154319. The line Hδ is strong for this class.

154363. Proper motion, 1″.48, 218°.9. The low temperature lines are very strong.

154365. — Ophiuchi. Variable. Class IV. Max. *7.2.* Min. *8.0.* Period, unknown.

154436. The star C. DM. −21° 4511, ptm. magn. 9.5, precedes $3^s.5$, south 3′.5. The spectrum is partly superposed and appears to be of Class G.

154450. The lines are indistinct.

154467. The observation, F5, on I 37767, residual 12, was rejected. The spectrum is very indistinct on that plate.

154549. The star C. DM. −38° 11563, ptm. magn. 11.8, precedes $1^s.0$, north 5′.7. The spectrum is partly superposed and is of Class A.

154566. TU Scorpii. Variable. Class II. Max. *9.3.* Min. *12.9.* Period, unknown. On photographs taken June 19, 1908 and June 14, 1909, the spectrum is of Class Mb, having the bright lines Hγ and Hδ nearly equal in intensity.

154642. The star C. DM. −32° 12365, ptm. magn. 10.0, precedes $3^s.7$, south 4′.1. The spectrum is partly superposed and is probably also of Class K.

154676. —Ophiuchi. Variable. Class V? Max. *9.1.* Min. *10.1.* Period, unknown.

154721. R Ophiuchi. Variable. Class II. Max. 7.1. Min. 13.6. Period, $302^d.2$. On a photograph taken August 31, 1904, the spectrum is of Class Ma having the line Hδ about one-half as bright as Hγ. On July 15, 1896, the line Hδ was 5 times as bright as Hγ.

154745. The photometric value 11.6, given for this star in Table I depends upon the Cordoba magnitude 10, which is apparently an error, unless the star is variable. The spectrum is slightly brighter than Cordoba −51° 10717, magn. 9.6, and much brighter than Cordoba −52° 10468, magn. 9.2, both of which have spectra indicating nearly the same color as H. D. 154745.

154905,6. μ Draconis. Bu. 7878. P. A. 142°.2, Dist. 2″.24, combined magnitude 5.06. Read 0,10 R, for 0,R.

154946. The star C. DM. −23° 13159, ptm. magn. 9.3, precedes $7^s.6$, north 0′.7. The spectrum is partly superposed and is probably of Class G5.

154952. Index Catalogue, No. 4642. Gaseous nebula. Also C. DM. −55° 7079, magn. 9.9.

155009. N.G.C. 6293. Globular cluster. No bright lines are seen. Three variable stars have been found in this cluster.

155103. c Herculis. Read 5,10 R, for 5,R.

155125. η Ophiuchi.

155161. A H Scorpii. Variable. Class II. Max. *9.6.* Min. *11.3.* Period, unknown. On a photograph taken July 1, 1903, the spectrum is of Class Mb, having the lines Hγ and Hδ of equal brightness, but the contrast between their intensity and that of the continuous spectrum is very slight.

155170. This star is C. DM. −58° 6705, magn. 9.7, and is not contained in the Cape Photographic Durchmusterung.

155173. The star C.P.D. −61° 5849, magn. 9.7, precedes $4^s.0$, south 0′.3. The spectrum is partly superposed and is of Class K.

155182. The star +13° 3319, ptm. magn. 9.3, follows $0^s.7$, north 1′.0. The spectrum is partly superposed and is of Class K or K5.

155194. A bright line appears to correspond with Hγ, but the observation needs to be confirmed on another plate. No variation was found on ten chart plates which were examined.

155203. η Scorpii.



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155220. The star C. DM. −41° 11348, ptm. magn. 10.7, precedes $7^s.7$, south 6′.0. The spectrum is partly superposed and is of Class A.

155259. The lines are slightly wide. Innes $17^h$ 11. P. A. 294°.0, Dist. 0″.62, magn. 6.1 and 6.7. Both spectra are probably alike.

155266. The star −15° 4471, ptm. magn. 10.3, precedes $3^s.7$, north 0′.7. The spectrum is partly superposed and is also of Class A.

155336. Bright lines are suspected to be present.

155337. This star is C. P.D. −33° 4244, and is not contained in the Cordoba Durchmusterung.

155383. The star C. DM. −32° 12449, ptm. magn. 11.8, precedes $7^s.7$, south 4′.5. The spectrum is partly superposed and is of Class A.

155481. RT Herculis. Variable. Class II. Max. 9. Min. 14. Period, $304^d$. On a photograph taken August 14, 1906, the spectrum is of Class Ma, having the line Hδ 0.8 as bright as Hγ.

155520. N.G.C. 6302. Gaseous nebula. Magn. 9.1 in the Cordoba Durchmusterung.

155603. The spectrum is peculiar in the intensities of several lines and bands between Hβ and Hγ, which is the brightest portion. A strong absorption band is situated at about 4380.

155637. TV Draconis. Variable. Class III. Max. 8.8. Min. *10.0*. Period, irregular. The portion of the spectrum between Hδ and Hε is very bright.

155677. The observation, F2, on I 37218, residual 10, was rejected. The spectrum is very faint and indistinct on that plate.

155687. The star C. DM. −31° 13736, ptm. magn. 10.4, follows $5^s.0$, north 2′.5. The spectrum is partly superposed and is also of Class A.

155733. The spectrum is suspected to be composite, and to have a fainter spectrum of Class G superposed upon it.

155734. RW Scorpii. Variable. Class II. Max. *9.4*. Min. *14.1*. Period, $385^d$. On a photograph taken June 14, 1895, the spectrum is of Class Ma, having the lines Hγ and Hδ nearly equally bright.

155752. N.G.C. 6309. Planetary nebula.

155763. ζ Draconis.

155806. The line Hβ is bright and superposed on a hazy dark band.

155851. The line Hβ is bright, and superposed on a wide dark band. The dark lines are very faint.

155885,6. A Ophiuchi. Bu. 7905. P. A. 190°.0, Dist. 4″.20, combined magn. 4.56.

155937. — Herculis. Variable. Class IV? Max. *8.4*. Min. *8.8*. Period, unknown. Parallax 0″.100. Proper motion, 1″.25, 204°.1.

156014,5. α Herculis. A variation from magn. 3.1 to 3.9 in an irregular period is suspected. Bu. 7914. P. A. 114°.7, Dist. 4″.62, combined magn. 3.31. The spectrum of the fainter component has been photographed at Mt. Wilson, and is of Class G.

156026. Parallax, 0″.100. Proper motion, 1″.25, 204°.1.

156092. Perhaps of Class A5.

156163. UW Herculis. Variable. Max. *8.6*. Min. *9.4*. Period, probably irregular.

156164. δ Herculis. The lines are broad.

156190. ι Apodis. Read 1,10 R, for 1,R.

156191. The spectrum may be somewhat peculiar in the intensities of dark bands, but it is not of Class R as given in H.A. 56, 221.

156205. TT Draconis. Variable. Class III. Max. *8.1*. Min. *9.7*. Period, probably irregular.

156247. U Ophiuchi. Variable. Class V. Max. 6.0. Min. 6.7. Period, $1^d.6773476$. Photometric magn. at maximum, 5.76.

156277. ζ Apodis. Read 2,10 R, for 2,R.

156283. π Herculis.

156294. — Arae. Variable. Class III. Range and period unknown.

156322,3. These two stars are of nearly equal brightness on chart plates, in nearly the same right ascension, and about 0′.3 apart in declination. It is not known whether both spectra are of Class B.

156349,50. ο Ophiuchi. Bu. 7928. P. A. 356°.2, Dist. 10″.63, combined magn. 5.15. The observation Go, on B 43292, residual *10*, was rejected.

156384. Proper motion, 1″.20, 100°.1. Read 0,10 R, for 0,R.

156385. See H.A. 56, 156, Remark 208.

156398. The helium line 4026 is well marked for this class.

156531. N.G.C. 6326. Gaseous nebula.

156582. Perhaps the spectrum is nearer to class A5 than to Ao. The star +45° 2513, ptm. magn. 9.1, precedes $0^s.7$, north 6′.9.

156587. N.G.C. 6333. Globular cluster.

156633. u Herculis. Variable. Class V, β Lyrae type. Max. 4.6. Min. 5.4. Period, $2^d.05102$. Also a spectroscopic binary.

156681. e Ophiuchi.

156711. N.G.C. 6341. Globular cluster. Ptm. magn. 7.47.

156729. e Herculis.

156737. This star is C.P.D. −33° 4357. It is uncertain whether it is C. DM. −33° 11984 or 11985.

156801. Z Ophiuchi. Variable. Class II. Max. 7.5. Min. 12.5. Period, $348^d$. On a photograph taken August 3, 1908, the spectrum is of Class Ma, having the line Hδ 0.7 as bright as Hγ.

156897. ξ Ophiuchi.

156928. ν Serpentis.

156947. VW Draconis. Variable. Max. *6.3*. Min. *7.0*. Class and period, unknown.

156948. Perhaps of Class K2.

156955. In H.A. 56,140 given incorrectly as of Class Ko, owing to a wrong identification.

156957. This spectrum appears to resemble those of π′ Gruis and T Camelopardalis.

156965. TX Herculis. Variable. Class V. Max. *8.1*. Min. *9.0*. Period, $2^d.05980$.

156974. The star −17° 4782, ptm. magn. 9.9, precedes $1^s.2$, north 0′.9. The spectrum is partly superposed and is probably of Class K.

157038,9. The spectrum is very peculiar and can best be explained by assuming duplicity, although the two



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classes of spectra are less distinctly seen than in normal spectra of the composite type. The lines are narrow.

157042. $\iota$ Arae. The lines H$\beta$ and H$\gamma$ and probably H$\delta$ are bright, and superposed on wide, dark bands. The helium lines are wide and hazy.

157046,7. The spectrum is composite. Bu. 7970. P. A. 248°.7, Dist. 1″.84, magn. 9.2 and 9.2.

157049. The lines H$\gamma$ and H$\delta$ appear to be strong for this class.

157056. $\theta$ Ophiuchi.

157207. This star is C.P.D. −39° 7359, and is not contained in the Cordoba Durchmusterung.

157214. w Herculis. Proper motion, 1″.06, 172°.9.

157244. $\beta$ Arae.

157246. $\gamma$ Arae. The lines are broad. See H.A. 28, 171, Remark 33, for notes on certain lines.

157288. BL Scorpii. Variable. Class II. Max. *11.6*. Min. <*15*. Period, unknown. On a photograph taken June 13, 1909, the spectrum is of Class Mc, having the lines H$\gamma$ and H$\delta$ bright and of nearly equal intensity.

157330. RS Herculis. Variable. Class II. Max. 8.0. Min. <12.5. Period, $223^d$. On a photograph taken August 6, 1899, the spectrum is of Class Mb, having the line H$\delta$ 3 times as bright as H$\gamma$.

157361. N.G.C. 6352. Globular cluster.

157436. SW Scorpii. Variable. Class II. Max. *9.5*. Min. *12.9*. Period, $260^d$. On a photograph raken June 8, 1907, the spectrum is of Class Mb having the lines H$\gamma$ and H$\delta$ nearly equally bright.

157457. $\kappa$ Arae.

157485. The spectrum is suspected to be composite.

157490,1. H. D. 157491 follows $1^s.5$, north 0′.5.

157549. The star C. DM. −28° 13115, ptm. magn. 10.2, follows $3^s.7$, south 1′.6. The spectrum, which is of Class A, is partly superposed.

157595. Gaseous nebula, not contained in the N.G.C. The relative intensities of the bright lines were estimated as follows on a photograph taken with the 24-inch Bruce Telescope; — H$\delta$, 8; H$\gamma$, 10; H$\beta$, 12; 4959,3; 5007,9. The image is stellar on chart plates.

157630. The star C.P.D. −57° 8548, magn. 8.8, follows $4^s.1$, south 0′.4. The spectrum, which is of Class A, is partly superposed.

157674. The star C. DM. −38° 11863, ptm. magn. 10.7, precedes $4^s.5$, north 1′.5. The spectrum, which is of Class A, is partly superposed.

157722. Line 4226.9 is very strong.

157768. RR Arae. Variable. Class II. Max. *10.7*. Min. <*13.2*. Period, unknown. On a photograph taken July 27, 1908, the spectrum is of Class Ma, having the line H$\delta$ 0.4 as bright as H$\gamma$.

157778,9. $\rho$ Herculis. Bu. 8003. P. A. 312°.2, Dist. 3″.99, combined magn. 4.14. The lines are somewhat wide.

157792. b Ophiuchi. The spectrum is slightly peculiar and resembles that of $\omega$ Ophiuchi, H. D. 148898. Line 4077.9 is stronger than normal. See also H.A. 28, 187, Remark 168.

157796. A gaseous nebula, not contained in the N.G.C. Only the bright lines 4959 and 5007 are seen. The image is nebulous on chart plates.

157829. C. DM. −29° 13547 = C.P.D. −29° 4703, magn. 8.7, and −29° 4705, magn. 9.4. The latter star follows $3^s.0$, south 0′.8.

157832. The lines H$\beta$ and H$\gamma$ are bright and superposed on hazy dark bands.

157857. The spectrum is nearly continuous and the presence of bright lines is suspected.

157881. Parallax 0″.14. Proper motion 1″.06, 172°.9.

157890. The star C.P.D. −61° 5942, magn. 9.2, follows $2^s.0$, north 1′.6. The spectrum is partly superposed and is of Class A.

157919. d Ophiuchi.

157973. The lines appear to be narrow.

157978,9. The spectrum is composite.

157999. $\sigma$ Ophiuchi. Read 0,10 R, for 0,R.

158051. The line K is faint for this class.

158094. $\delta$ Arae. The lines are broad.

158262,3. Bu. 8021. P. A. 282°.7, Dist. 27″.29. Magnitudes in the Bonn Durchmusterung, 8.6 and 7.0.

158269. N.G.C. 6369. Planetary nebula. Magn. 9.9 in the Cordoba Durchmusterung.

158377. TW Ophiuchi. Variable. Class III. Range small and period probably irregular.

158394,5. The spectrum is composite.

158408. $\upsilon$ Scorpii.

158413. S Octantis. Variable. Class II. Max. *8.2*. Min. *12.1*. Period, $258^d$. On photographs taken May 7, 1897 and June 2, 1899, the spectrum is of Class Mb, having the lines H$\gamma$ and H$\delta$ nearly equally bright.

158414. x Herculis. Read 0,10 R, for 0,R.

158427. $\alpha$ Arae. The lines H$\beta$ and H$\gamma$ are bright. See H.A. 28, 179, Remark 75 for a description of the appearance of these lines and their apparent changes.

158479,80. The spectrum is composite.

158574. The spectrum is indistinct and may be nearer to Class A than to F.

158643. c Ophiuchi.

158705. The spectrum is very hazy, especially between H$\beta$ and H$\gamma$. It is probably composite, and if so, the fainter spectrum is of Class K.

158830. RW Arae. Variable. Class V. Max. *7.6*. Min. *10.6*. Period, $4^d.3677$.

158837. The line H$\delta$ is very strong for this class. Strong lines are present at about 4172 and 4385. Read 0,10 R, for 0,R.

158860. Two stars of nearly equal brightness and in the same approximate declination, differing about $1^s$ in right ascension, are situated in this position. The preceding star has the spectrum of Class Ob.

158864. The line H$\beta$ is suspected to be bright.

158899. $\lambda$ Herculis.

158923. The lines appear to be broad.

158926. $\lambda$ Scorpii. The lines are broad.

159000. This star precedes H. D. 159001 $5^s$, north 0′.8, and is about one half magnitude fainter. The Durchmusterung number and magnitude may refer to the combined light.

159001. See H. D. 159000.



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159071. Perhaps of Class B8. The hydrogen lines are very narrow.

159141. The spectrum is indistinct and may be nearer to Class A than to F.

159158. The star −14° 4683, ptm. magn. 9.5, follows $0^s.9$, north 3′.1. The spectrum is partly superposed and is probably of Class K.

159176. The lines are very wide and on some photographs, they appear to be almost double.

159181. $\beta$ Draconis.

159206. A strong band is situated at about 4385.

159217. $\sigma$ Arae.

159222. The hydrogen lines are as strong as in Class Go.

159323. This star follows H. D. 159324 $2^s.0$ according to a chart plate and the Cape Photographic Durchmusterung.

159324. N.G.C. 6388. Globular cluster.

159356. The spectrum is partly superposed on that of H. D. 159333, so that the exact class is uncertain.

159374. The spectrum is hazy, as if due to two stars, but chart plates show no duplicity.

159376. The helium line 4026 is well marked for this class.

159433. Q Scorpii.

159467. RV Ophiuchi. Variable. Class V. $\beta$ Lyrae type. Max. 9.5. Min. 11.0. Period, $3^d.6872$.

159480. f Ophiuchi. Read 2,10 R, for 2,R.

159492. $\pi$ Arae.

159532. $\theta$ Scorpii.

159541. This star combined with H. D. 159560 = $\nu$ Draconis.

159560. See H. D. 159541.

159561. $\alpha$ Ophiuchi. The lines are wide.

159734. − Herculis. Variable. Class III. Max. *9.1*. Min. *9.8*. Period, unknown.

159761,2. H. D. 159762 follows $2^s$, south 0′.5.

159854. SY Draconis. Variable. Class II. Max. *9.0*. Min. *<11.2*. Period, $387^d$. On a photograph taken August 29, 1908, the spectrum is of Class Mc, having the line Hδ 4 times as bright as Hγ.

159870. The spectrum is suspected to be composite.

159876. $\xi$ Serpentis.

159901. Gaseous nebula, not contained in the New General Catalogue.

159966. f Draconis. Read 0,10 R, for 0,R.

159974. N.G.C. 6402. Globular cluster.

159975. $\mu$ Ophiuchi.

160032. $\lambda$ Arae.

160033. N.G.C. 6397. Globular cluster. Also C. DM. −53° 7347, but not contained in the Cape Photographic Durchmusterung. Two variable stars have been found in the cluster.

160129. The lines are narrow.

160205. TT Scorpii. Variable. Class III. Max. *9.0*. Min. *<11.2*. Period, unknown. The spectrum of a star which follows $3^s$, north 3′, is partly superposed upon that of the variable.

160222. C.P.D. −32° 4712. The identification in the Cordoba Durchmusterung is uncertain. The position agrees with that of C. DM. −32° 13100, magn. 10. The star C. DM. −32° 13095, magn. 9.0, which precedes $3^s.1$, south 1′.4, does not appear on the photographs. The faint photometric magnitude, 11.8, may therefore be due to an error in the Cordoba Durchmusterung.

160290. $\gamma$ Herculis.

160371. BM Scorpii. Variable. Class III. Max. *7.5*. Min. *8.7*. Period, irregular. In the cluster N.G.C. 6405.

160387,8. H. D. 160387 precedes $1^s.9$, in the same approximate declination as H.D. 160388.

160435. V Pavonis. Variable. Class III. Max. *8.3*. Min. *9.8*. Period, irregular. Photometric magn. 6.62.

160496. RU Scorpii. Variable. Class II. Max. *9.4*. Min. *<13.4*. Period, $377^d$. On a photograph taken September 21, 1894, the spectrum is of Class M, having the line Hδ very bright.

160529. The line K is strong for this class. Bright lines are suspected.

160540. TY Draconis. Variable. Class III. Max. *8.0*. Min. *9.7*. Period, irregular.

160578. $\kappa$ Scorpii. The lines are broad.

160591. − Scorpii. Variable. Class III. Max. *10.7*. Min. *11.6*. Period, irregular.

160613. $o$ Serpentis.

160635. $\eta$ Pavonis.

160641. Perhaps of Class Oe5.

160673. − Pavonis. Variable. Max. *8.5*. Min. *9.3*. Class and period, unknown.

160686. TV Scorpii. Variable. Max. *11.1*. Min. *12.8*. Class and period, unknown.

160691. $\mu$ Arae.

160762. $\iota$ Herculis. The lines are wide.

160791,2. H. D. 160791 precedes $4^s.2$, south 0′.4.

160808,9. H. D. 160808 precedes $2^s.7$, north 0′.6.

160889. The star C. DM. −34° 12000, ptm. magn. 10.2, follows $6^s.4$, north 0′.7. The spectrum is partly superposed, and although very faint, it appears to be of Class K. In H.A. 54, 191, the photometric magnitude of the combined light of the two stars is 8.98.

160922. $\omega$ Draconis.

160942,3. H. D. 160942 precedes $0^s.4$, south 0′.1. Chart plates show that the two stars are of nearly equal brightness. One of the spectra may be of Class B8.

160944. The star C. DM. −46° 11811, ptm. magn. 10.3, follows $1^s.8$, south 1′.2. The spectrum is partly superposed and is probably of Class G5.

161028. Index Catalogue, 4663. Planetary nebula.

161043. The spectrum may be intermediate between Classes K5 and Ma.

161044. The spectrum is of the P Cygni Class. Hβ, Hγ, Hδ, and Hε are bright and superposed on a spectrum which, with the dispersion employed, is otherwise continuous. See also H. C. 224.

161096. $\beta$ Ophiuchi. In the distribution of light, the spectrum resembles that of $\alpha$ Cassiopeiae.

161114. − Ophiuchi. Variable. Max. *9.6*. Min. *10.7*. Class and period, unknown. The lines Hβ, Hγ, and Hδ are bright, of which Hβ is the strongest. The dark lines are barely seen, perhaps due to faintness of the object.

161141. The class is poorly defined, owing to the superposition of the spectra of adjacent stars.



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161208. SZ Sagittarii. Variable. Class III. Max. *8.5*. Min. *9.8*. Period, probably irregular.

161291. Perhaps of Class B8.

161321. The lines 4077.9, 4128.1, and 4131.1 are strong. Read *3*,10 R, for *3*,R.

161375. Perhaps of Class B9.

161392. The lines are broad.

161416. RZ Arae. Variable. Class II. Max. *11*. Min. $<13$. Period, unknown. On a photograph taken June 10, 1907, the spectrum is of Class Ma, having the lines Hγ and Hδ bright and of equal intensity.

161471. $\iota^1$ Scorpii. The lines are very narrow and the enhanced lines are strong. See H.A. **28**, 188, Remark 182. The spectrum resembles that of ε Aurigae, H.D. 31964.

161483,4. Bu. 8146. P. A. 24°.7, Dist. 14″.62, combined magn. 7.38.

161507. — Sagittarii. Variable. Class IV. Max. *9.6*. Min. *10.6*. Period, unknown.

161511. SX Scorpii. Variable. Class III. Max. *9.6*. Min. *11.1*. Period, irregular.

161567. W Pavonis. Variable. Class II. Max. *9.1*. Min. $<12.8$. Period, $282^d$. On a photograph taken August 3, 1896, the spectrum is of Class Mb, having the line Hδ 0.8 as bright as Hγ.

161592. X Sagittarii. Variable. Class IV. Max. 4.4. Min. 5.0. Period, $7^d.01188$. The lines are somewhat narrow. The spectrum changes from Class F5 to Class Go on 10 photographs which were examined. Read *3*,10 R, for *3*,R.

161632. C.P.D. −45° 8877. The star C. DM. −45° 11912, which precedes $0^s.4$, north 0′.5, and is of magn. 9.9, according to the Cordoba Durchmusterung, is not seen on two chart photographs, showing stars as faint as magn. 14.

161645,6. C. DM. −25° 12304 − C. P. D. 25° 6085 and 6086. The latter star follows 1°.0, north 0′.2.

161652. SV Scorpii. Variable. Class II. Max. 8.8. Min. <11.6. Period, $256^d$. On a photograph taken June 19, 1908, a very faint spectrum is seen in which the line Hγ is bright.

161796. The lines are narrow, and the enhanced lines are strong, resembling in their intensities those in the Cepheid variables.

161797. μ Herculis. See H. A. **28**, 97, Remark 102, for notes on the intensities of certain lines.

161801. N.G.C. 6439. Planetary nebula. One bright band is seen, which appears to be 5007. The class is probably Pd.

161868. γ Ophiuchi. The lines are wide.

161892. G Scorpii.

161911. The star C. DM. − 37° 11910, ptm. magn. 10.4, follows $2^s.5$, south 0′.2. The spectrum is partly superposed and appears to be of Class K.

161912. $\iota^2$ Scorpii. The lines are narrow and the spectrum is like that of α Cygni. See H.A. **28**, 186, Remark 156.

161928. This star is C.P.D. −36° 7649. The star C.P.D. −36° 7648, magn. 9.4, precedes $0^s.0$, north 0′.3. The lines Hγ and Hδ of the latter star are seen among the lines of H. D. 161928.

161944. N.G.C. 6445. Planetary nebula.

161968. N.G.C. 6441. Globular cluster. The distribution of light resembles that of Class K.

162003,4. ψ Draconis. Bu. 8182. P. A. 15°.3, Dist. 30″.40, combined magn. 4.58. Both spectra appear to be of Class F5.

162064. Perhaps of Class Bo.

162089. The lines are narrow.

162102. RY Scorpii. Variable. Class IV. Max. 7.5. Min. 9.0. Period, $20^d.32$.

162144. The star, C. DM. −35° 11978, ptm. magn. 10.0, follows $3^s.2$, north 1′.4. The photometric magnitude given in Table I probably refers to the combined light of the two stars.

162198. SU Herculis. Variable. Class II? Max. 10.5. Min. 13. Period, $336^d$.

162214. RS, or Nova Ophiuchi, No. 3. The peculiar light variations of this star and its spectrum are described in H. C. 99, H.A. **76**, 30, and H.A. **84**, No. 5. The spectrum was photographed on two plates, taken July 14 and 15, 1898, at the time of the sudden outburst of light from magn. 12.2 to 8.9. The hydrogen lines from Hβ to Hζ were bright, and also 4640 and 4686.

162321. The declination of this star in the Bonn Durchmusterung is about 3′ too far south.

162398. U Arae. Variable. Class II. Max. *9.2*. Min. *12.9*. Period, $224^d.5$. On a photograph taken June 10, 1907, the spectrum is of Class Mb, having the line Hδ 3 times as bright as Hγ.

162602. The star C. DM. −24° 13574, ptm. magn. 10.7, precedes $1^s.7$, south 3′.0. The spectrum is partly superposed and is of Class A.

162620. C. DM. −55° 7453 = C.P.D. −55° 8360 and 8361. The former star precedes $0^s.0$, north 0′.7, and has the magnitude 9.8 in the Cape Photographic Durchmusterung.

162679. Probably of Class Ao. The fine lines are obliterated by superposition upon the spectrum of H. D. 162678, which follows $2^s.0$, north 1′.2.

162714. Y Ophiuchi. Variable. Class IV. Max. 6.2. Min. 7.0. Period, $17^d.1207$. The lines are narrow, and the enhanced lines are strong. The distribution of light resembles that of Class G5.

162724. The lines are somewhat obscured by the superposition of the spectra of adjacent stars.

162729. V Arae. Variable. Class II. Max. *9.7*. Min. $<12.3$. Period, $380^d$. On a photograph taken August 8, 1898, the spectrum is of Class Mc, having the line Hδ very bright.

162732. z Herculis.

162868. The star +8° 3527, ptm. magn. 9.5, follows $3^s.0$, north 0′.5. The spectrum is partly superposed and appears to be also of Class K5.

162890. This star is C.P.D. −34° 7352, and is not contained in the Cordoba Durchmusterung.

162933. — Pavonis. Variable. Max. *8.0*. Min. *8.7*. Class and period, unknown.

162951,2. H. D. 162951 precedes $0^s.21$, south 30″.8. The northern star is about 0.4 magn. fainter on chart plates than the southern.



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162980. TX Scorpii. Suspected to be variable from magn. 7.5 to 8.2, in a period of $0^d.94$. Insert R in Table I.

163086. W Arae. Variable. Class III. Max. *10.0.* Min. *10.7.* Period, irregular.

163111,2. H. D. 163111 precedes $0^s.0$, north $1'.1$.

163175. UX Herculis. Variable. Class V. Max. *8.2.* Min. *9.3.* Period, $1^d.54885$.

163181. The lines are so indistinct that the spectrum appears at first glance to be nearly continuous.

163195,6. The spectrum is composite. Innes $17^h$ 109. P. A. 120°.6, Dist. $3''.99$, magn. 7.5 and 9.1.

163217. f Herculis.

163444,5. The spectrum is composite.

163454. A slight brightness is suspected at 4686.

163506. The lines are somewhat narrow. Read 0,10 R, for 0,R.

163522. The lines are narrow.

163588. ξ Draconis. Line 4226.9 is slightly stronger than normal.

163604. The spectrum is suspected to be composite.

163726. RW Coronae Austrinae. Variable. Class V. Max. *8.7.* Min. *9.7.* Period unknown.

163755,6. Innes $17^h$ 115. P. A. 103°.6, Dist. $5''.47$, magn. 5.3 and 7.0, colors orange and blue. No peculiarity is seen in the spectrum, and it is probable that the fainter component has a spectrum somewhat similar to that of the brighter.

163770. θ Herculis.

163838. The spectrum is very faint. It may belong to Class R1.

163872. A gaseous nebula, not contained in the New General Catalogue.

163917. ν Ophiuchi.

163928. The observation, F5, on B 22578, residual *10*, was rejected. The focus is poor on that plate.

163930. Z Herculis. Variable. Class V. Max. 7.1. Min. 7.9. Period, $3^d.992775$. Also a spectroscopic binary. The spectrum is hazy on the best plates, and Hδ is strong enough to suggest a composite type.

163934. WX Sagittarii. Variable. Class V. Max. *9.0.* Min. *10.6.* Period, $2^d.12916$.

163958. This star is C.P.D. —37° 7765, and is not contained in the Cordoba Durchmusterung.

163982. Nova Sagittarii, No. 2. The first spectrum was obtained on May 31, 1910, which was 71 days after the first image appeared on a chart plate. Although the magnitude and form of the light curve at maximum are not known, owing to a lack of photographs for 28 days, the light of the Nova had then decreased at least 1.5 magnitudes, and a month or more had elapsed since maximum. The spectrum was, however, of the early form of Nova type, and showed only the bright hydrogen lines with dark components on the edge of shorter wave length. On July 25, 1910, when the light of the Nova had decreased from the eighth to the eleventh magnitude, the spectrum was still of the same type. Photographs taken at the Lick Observatory in October, 1910, seven months after the outburst, showed bright hydrogen lines from Hα to Hζ, and also the "Nova bands, D, 464, and 447." No nebular lines were seen. It is evident that the spectroscopic changes were slower than in several novae.

163993. ξ Herculis.

164013. The star +2° 3444, ptm. magn. 8.7, follows $1^s.6$, south $1'.8$. The spectrum is partly superposed and confuses that of H. D. 164013.

164058. γ Draconis.

164136. ν Herculis. The lines are somewhat narrow.

164168. This star is C.P.D. —19° 6379. The star C.P.D. —19° 6380, magn. 9.8, follows $1^s.0$, south $0'.7$. The spectrum is partly superposed and is of Class A.

164170. This star is C.DM. —22° 12416, and is not contained in the Southern Bonn Durchmusterung.

164193. WY Sagittarii. Variable. Class V. Max. *8.7.* Min. *10.1.* Period, $4^d.6708$.

164240,1. The spectrum is composite. Bu. 8275. P. A. 265°.2, Dist. $2''.24$, magn. 8.8 and 9.9. A distinctly bright line or space is seen near the position of Hγ. It has not yet been confirmed on another plate.

164252,3. Bu. 8279. P. A. 277°.7, Dist. $19''.92$, magn. 7.0 and 8.0.

164258. Line 4077.9 is strong.

164259. ζ Serpentis.

164270. Numerous narrow dark lines are present.

164307. RY Herculis. Variable. Class II. Max. 8.2. Min. 13.5. Period, $222^d.3$. On a photograph taken April 28, 1906, the spectrum is of Class Mc, having the lines Hγ and Hδ nearly equally bright.

164309,10. H. D. 164310 follows $4^s.5$, north $0'.0$.

164345. UW Draconis. Variable with small range. Other facts unknown. Magn. 7.61 in H.A. 54. Several photographs taken with small dispersion show a bright space near the position of Hγ.

164353. The lines are narrow.

164384. The line K is strong. Perhaps the lines are narrow.

164390. The star was announced in H. C. 149 to have a spectrum of Class O. In H.A. 76, 30, the spectrum was stated to be of Class K, with a bright band at 4686, and duplicity was assumed. A photograph taken with the 24-inch Bruce Telescope shows that the bright line is 5007 of a faint nebula which follows the Durchmusterung star $1^s.3$, north $1'.5$. See H. D. 164407.

164407. Gaseous nebula. The bright lines 4959 and 5007 are seen. The object is stellar on chart photographs.

164461. χ Octantis.

164492. In the region of the Trifid Nebula. See H. A. 56, 156, Remark 223.

164523. — Arae. Variable. Class II. Max. *11.0.* Min. *<14.0.* Period, unknown. On a photograph taken October 15, 1900, the spectrum is of Class Mb, having the line Hδ bright. See also H. C. 224.

164577. The lines are broad. Read 0,10 R, for 0,R.

164628. The star C.P.D. —60° 6994, magn. 9.5, precedes $1^s.5$, south $0'.6$.

164643,4. H. D. 164644 is slightly fainter than H. D. 164643, and is south $0'.4$.

164668,9. Bu. 8302. P. A. 260°.2, Dist. $6''.34$, combined magn. 4.42. See also H.A. 56, 108, Remark 121.



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164677. S. B. D. −20° 4957 = C.P.D. −20° 6720 and 6721. The latter star follows 1ˢ.0, in same declination.

164722. C.P.D. −40° 8385. C.P.D. −40° 8384, magn. 9.8, precedes 0ˢ.6, north 0′.2. The Cordoba designation, −40° 12116, may refer to the combined light.

164740. N.G.C. 6523. Messier 8. Gaseous nebula.

164764,5. $\tau$ Ophiuchi. Bu. 8303. P. A. 258°.7, Dist. 2″.03, combined magn., 4.88.

164794. No lines are distinctly seen, except the hydrogen series, and the lines of the $\zeta$ Puppis series at 4026, 4200, 4542, and 4686, all of which are dark.

164816. The observation, B8, on B 40711, residual 8, was rejected. The spectrum on that plate is too much superposed on that of H. D. 164794.

164858. The lines appear to be broad.

164863. The exact class is uncertain due to the partial superposition of the spectra of adjacent stars.

164865. The star C. DM. −24° 13823, ptm. magn. 10.7, precedes 1ˢ.6, south 3′.0. The spectrum is partly superposed and appears to be also of Class B.

164889. W Coronae Austrinae. Variable. Class III. Max. *10.0*. Min. *11.0*. Period, irregular.

164963. N.G.C. 6543. Planetary nebula.

164975. W Sagittarii. Variable. Class IV. Max. 4.3. Min. 5.1. Period, 7ᵈ.5946. The lines are narrow, and the enhanced lines characteristic of Cepheid variables are strong.

164977,8. C. DM. −33 °12799 = C.P.D. −33° 4822 and 4823. H. D. 164977 precedes 0ˢ.0, north 0′.3.

164983,4. Bu. 8329. P. A. 284°.3, Dist. 21″.03, combined magnitude, 6.89.

165024. $\theta$ Arae. The lines are narrow. See H.A. 28, 177, Remark 39, for notes on certain lines in the spectrum.

165040. $\pi$ Pavonis.

165049. Probably of Class Bo.

165052. The observation, B5, on B 40711, residual 10, was rejected. The spectrum is too dense on that plate to show the fine lines.

165065. RR Coronae Austrinae. Variable. Class II. Max. *10.0*. Min. *<12.3*. Period, unknown. On a photograph taken July 2, 1908, the spectrum is of Class Ma, having the lines Hγ and Hδ nearly equally bright.

165135. $\gamma$ Sagittarii.

165189,90. Innes 17ʰ 129. P. A. 243°.4, Dist. 1″.72, combined magnitude, 5.02.

165210. C.P.D. −34° 7579. The star C.P.D. −34° 7577, magn. 9.4, precedes 2ˢ.1, south 0′.2. The spectrum is partly superposed and appears to be similar to that of H. D. 165210.

165229. The class may be F5. The spectrum is partly superposed on that of H. D. 165228.

165246. The lines are narrow, and the line K is as strong as in Class A3.

165320. C.P.D. −22° 6677. The star C.P.D. −22° 6678, magn. 9.4, follows 0ˢ.0, south 0′.4. The lines of the spectrum of the latter star, also probably of Class B, are seen among those of H. D. 165320.

165341. 70 Ophiuchi. Bu. 8340. P. A. 179°.1, Dist. 2″.11, magn. 4.28 and 5.98. Parallax, 0″.20, Proper motion, 1″.15, 167°.4. The lines are ill-defined and many of them appear double. Line 4027 is strong. Read 0,10 R, for 0,R.

165407. The spectrum is composite. The brighter component is of Class Ko and the fainter is of some class in which there is very little absorption due to calcium. It may be of some division of Class B. Two lines should have been given to this star.

165424. The star C.P.D. −26° 12813, ptm. magn. 10.2, follows 2ˢ.7, north 1′.0. The spectrum is partly superposed and appears to be of Class K.

165430. N.G.C. 6541. Globular cluster.

165463,4. S. B. D. −22° 4565 = C.P.D. −22° 6688 and 6689. The latter star follows 0ˢ.5, in the same approximate declination.

165468,9. The spectrum is composite.

165474,5. Bu. 8348. P. A. 257°.9, Dist. 7″.04, combined magn. 6.46. No peculiarity is seen in the spectrum, and the two spectra must be alike, or nearly alike.

165499. $\iota$ Pavonis.

165517. The lines show very slight contrast to the continuous spectrum. The spectrum may be nearer to Class Oe5 than to B.

165528. A star about 0.4 magn. fainter than H. D. 165528, precedes 2ˢ, in the same approximate declination.

165548. The spectrum appears to be composite. The line K is too faint for Class Go. A fainter component having spectrum of Class A2 is probably superposed.

165595. The lines are indistinct, owing to the superposition of the spectrum of H. D. 165594.

165674. VX Sagittarii. Variable. Class II. Max. *9.5*. Min. *11.9*. Period, unknown.

165767,8. The spectrum is composite.

165782. AX Sagittarii. Variable. Class IV? Max. *8.0*. Min. *9.0*. Period, unknown. The spectrum is very peculiar and probably changes. Nearly all the light is between Hβ and Hγ. The titanium oxide bands are not seen as in Class Ma, but they are suspected to be present on two plates. Wide absorption bands are seen in the region of 4385. On one photograph Hδ is a faint emission line and Hγ is suspected to be bright. The region of 4227 is cut out by absorption.

165784. The lines are narrow and the spectrum resembles that of $\alpha$ Cygni.

165797. X Coronae Austrinae. Variable. Class III? Max. *9.9*. Min. *11.6*. Period may be irregular.

165908. b Herculis.

165934,5. The spectrum is composite.

165961. R Pavonis. Variable. Class II. Max. *8.0*. Min. *12.0*. Period, 230ᵈ. On a photograph taken July 21, 1911, the spectrum is of Class Mb, having the line Hδ 1.5 as bright as Hγ.

166000. The star C. DM. −23° 13996, ptm. magn. 11.4, follows 3ˢ.4, north 0′.3. The spectrum is partly superposed and is probably also of Class K.

166011. The star +49° 2729, ptm. magn. 7.7, follows 1ˢ.9, north 3′.4. The spectrum is not visible on the photograph used for this catalogue. On photographs taken with shorter dispersion, the spectrum is seen to be of Class K5 or M.



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166014. o Herculis.

166040. The star C. DM. −40° 12231, ptm. magn. 10.8, follows 4ˢ.3, north o′.5. The spectrum is partly superposed and appears to be of Class G5.

166045,6. Bu. 8377. P. A. 182°.4, Dist. 14″.00, combined magn. 5.21.

166063. ε Telescopii. The line 4226.8 is about 0.8 as intense as in the spectrum of α Phoenicis.

166106. This star is C.P.D. −19° 6513, and is not contained in the Southern Bonn Durchmusterung.

166126. W Serpentis. Variable. Class V. Max. *8.5*. Min. *9.6*. Period, 14ᵈ.13. The lines H and K are narrow, especially H, which may be only the hydrogen component. Several other narrow dark lines are seen, two of which are at the position of Fraunhofer's G band. The portion of shorter wave length than K, resembles spectra of Class G. On one photograph traces of bright lines or spaces are seen.

166205. δ Ursae Minoris.

166242. The spectrum is suspected to be composite.

166262. This star is C.P.D. −19° 6530, and is not contained in the Southern Bonn Durchmusterung.

166286. Bu. 8381. P. A. 289°.9, Dist. 18″.30, magn. 9 and 9½. It is probable that both spectra are of Class B.

166305. The star −17° 5051, ptm. magn 10.6, precedes 1ˢ.3, north o′.1. The spectrum is partly superposed and appears to be also of Class G5.

166329. — Octantis. Variable. Max. *9.4*. Min. *10.0*. Class and period, unknown.

166370. C. DM. −39° 12316 = C.P.D. −39° 7993 and 7994. The latter star follows 1ˢ.0, south o′.3.

166382. T Herculis. Variable. Class II. Max. 7.2. Min. 13.6. Period, 165ᵈ.0. On a photograph taken August 30, 1896, the spectrum is of Class Ma, having the lines Hγ, Hδ, and Hζ bright. The relative intensities are 10, 9, and 1, respectively.

166391,2. The spectrum is composite. The line K is barely seen and the hydrogen lines are strong.

166407. W Draconis. Variable. Class II. Max. 8.7. Min. 14.5. Period, 255ᵈ. On a photograph taken December 28, 1908, the spectrum is of Class Ma, having the line Hγ 10 times as bright as Hδ. The spectrum is very faint in the portion having shorter wave length than Hγ.

166418. The lines are probably narrow.

166449. N.G.C. 6563. Planetary nebula. Magn. 10 in the Cordoba Durchmusterung.

166468. N.G.C. 6565. Planetary nebula. Magn. 10 in the Cordoba Durchmusterung.

166469. The lines 4077.9, 4128.1, and 4131.1 are strong.

166479,80. The spectrum is composite. Bu. 8398. P. A. 228°.6, Dist. 1″.21, magn. 6.0 and 7.1.

166507. AO Sagittarii. Variable. Max. *9.5*. Min. *10.7*. Class and period, unknown.

166590. The spectrum is suspected to be composite and to have a fainter spectrum of Class G superposed. Chart plates show that there is a faint star slightly preceding, but it is not bright enough to affect the spectrum.

166612,3. The spectrum is composite.

166718. This star is C.P.D. −20° 6869, and is not contained in the Southern Bonn Durchmusterung.

166732. The observation, F2, on I 37811, residual 9, was rejected. The spectrum is in poor focus on that plate.

166751. The absorption between 4140 and 4216 is very strong.

166762,3. H. D. 166762 follows 1ˢ.1, north o′.8. The lines are narrow in both spectra. Owing to the superposition, the fainter lines are obliterated.

166767. AP Sagittarii. Variable. Class IV. Max. *7.2*. Min. *8.2*. Period, 10ᵈ.8?

166802. N. G. C. 6572. Planetary nebula. Photometric magnitude, 8.38. Line 4471.6, due to helium, is present and bright.

166813. Y Coronae Austrinae. Variable. Class III. Max. *12.0*. Min. *12.9*. Period, irregular. The lines Hβ, Hγ, and Hδ are bright, and the bright band 4686 is strong.

166824. Faint. Exact class uncertain.

166909. The lines appear to be somewhat broad.

166926. Several metallic lines are strong and the spectrum resembles that of δ Normae, described in H.A. **28**, 187, Remark 163. Read *3*,10 R, for *3*,R.

166935. N. G. C. 6567. Planetary nebula. Photometric magnitude, 10.92.

166937. μ Sagittarii. The lines are narrow and the spectrum resembles that of β Orionis, H. D. 34085.

166964. The lines are indistinct, owing to the superposition of the spectrum of — 17° 5074, whose ptm. magn. is 9.2, and which precedes 0ˢ.9, south 1′.4. On chart plates, H. D. 166964 is 0.5 magn. brighter than the preceding star.

167006. A Herculis.

167035. This star is C.P.D. −20° 6893, and is not contained in the Southern Bonn Durchmusterung.

167079. The star C.P.D. −70° 2526, magn. 9.0, precedes 1ˢ.0, south 1′.0. The photometric magnitude in Table I probably refers to the combined light of the two stars.

167095. Lines 4077.9, 4128.1, and 4131.1 are clearly seen, but all lines are faint, except those of hydrogen.

167170. This star is C.P.D. −19° 6671, and is not contained in the Southern Bonn Durchmusterung.

167171. This star is C.P.D. −19° 6670, and is not contained in the Southern Bonn Durchmusterung.

167233. The line Hβ is suspected to be bright. See H.A. **28**, 179, Remark 67.

167264. The lines are somewhat narrow.

167276. Nova Ophiuchi, No. 4. The first photograph of this star was taken on August 20, 1919, magn. 9.4. The light curve was peculiar. The first maximum occurred on September 13, magn. 7.4, and after descending to the magnitude 9.3 on September 28, the star rose again to magnitude 7.4 on October 8. The first spectrum was obtained on October 20, 1919, at least two months after the outburst and when the brightness had decreased two magnitudes from the maximum magnitude, 7.5. The spectrum was then of the Nova type, having bright and dark hydrogen lines, and all the lines were peculiarly narrow. There was no decided change in the spectrum on photographs taken between October 20 and November 14, 1919.



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On April 14, 1920, when the photographic magnitude was 11.0, the nebular lines were present. Line 4363 was much stronger than 5007.

167313. The lines are very narrow.

167356. The lines are narrow.

167362. The lines Hβ, Hγ, and Hδ are bright, and other fainter bright lines are present. A photograph taken with the 24-inch Bruce Telescope shows two bright lines at or near the positions of the chief nebular lines.

167375. The star −18° 4866, ptm. magn. 9.9, follows $1^s.0$, north $2'.6$. The spectrum is partly superposed and is also of Class B.

167399. This star is C.P.D. −20° 6942 and is not contained in the Southern Bonn Durchmusterung.

167409. The lines are probably narrow.

167468. φ Octantis.

167569. This star is C.P.D. −19° 6733 and is not contained in the Southern Bonn Durchmusterung.

167570,1. The spectrum is composite.

167618. η Sagittarii.

167642. The lines are broad.

167647. RS Sagittarii. Variable. Class V. Max. 5.9. Min. 6.3. Period, $2^d.415702$.

167655. V Serpentis. Variable. Class V, β Lyrae type. Max. *9.5*. Min. *11.1*. Period, $3^d.45356$.

167656. The lines appear to be narrow.

167660. WZ Sagittarii. Variable. Class IV. Max. *8.0*. Min. *9.2*. Period, $21^d.7$.

167672. Index Catalogue, 4699. Planetary nebula.

167679,80. H. D. 167679 precedes $2^s.2$, north $0'.4$, and its photographic magnitude is about 0.8 fainter than that of H. D. 167680. They may be nearly equal in visual brightness.

167689. The lines appear to be narrow.

167719. The lines appear to be narrow.

167740. W Lyrae. Variable. Class II. Max. 7.6. Min. 12.5. Period, $196^d.6$. On a photograph taken October 15, 1904, the spectrum is of Class Ma, having the line Hγ twice as bright as Hδ.

167749. This star is C.P.D. −19° 6748, and is not contained in the Southern Bonn Durchmusterung.

167766. RY Ophiuchi. Variable. Class II. Max. 8.2. Min. 13.2. Period, $153^d.3$. On a photograph taken June 6, 1908, the spectrum is of Class Ma, having the line Hγ 5 times as bright as Hδ.

167777. — Coronae Austrinae. Variable. Class V. Max. *9.4*. Min. *10.1*.

167791. The lines appear to be narrow.

168050. Perhaps of Class B8.

168075,6. H. D. 168075 precedes $0^s.5$, north $0'.1$. Both spectra are probably of Class B.

168117. This star is C.P.D. −19° 6764, and is not contained in the Southern Bonn Durchmusterung.

168188. This star is C.P.D. −19° 6768, and is not contained in the Southern Bonn Durchmusterung.

168227. — Serpentis. Variable. Max. *9.0*. Min. *9.8*. Class and period, unknown.

168287. The strontium lines, 4077.9 and 4215.7, are well marked and the spectrum resembles that of δ Normae, described in H.A. **28**, 187, Remark 163. Read *1*,10 R, for *1*,R.

168292. The star C.P.D. −55° 8630, magn. 8.2, follows $0^s.5$, north $0'.6$.

168330. This star is C.P.D. −19° 6773, and is not contained in the Southern Bonn Durchmusterung.

168339. ξ Pavonis. Read *2*,10 R, for 2,R.

168348,9. The spectrum is composite.

168353. This star is C.P.D. −18° 410, magn. 9.6, and is not contained in the Southern Bonn Durchmusterung.

168367. The star −12° 5003, ptm. magn. 11.2, follows $2^s.1$ north $2'.0$. The spectrum is partly superposed and is of Class A.

168388. The lines are somewhat narrow.

168454. δ Sagittarii. The spectrum resembles that of α Cassiopeiae in the distribution of light.

168520. N. G. C. 6618. Gaseous nebula.

168537. The star −15° 4936, ptm. magn. 10.3, follows $1^s.5$, south $2'.4$. The spectrum is partly superposed and is of Class Ko or K5.

168605. The line 4077.9 is strong, and line K is very faint.

168607. The spectrum appears to be nearly continuous.

168608. Y Sagittarii. Variable. Class IV. Max. 5.4. Min. 6.2. Period, $5^d.7734$. The lines are narrow and the enhanced lines are strong.

168625. The spectrum appears to be nearly continuous, and Hβ is suspected to be bright.

168643. This star is C.P.D. −19° 6791, and is not contained in the Southern Bonn Durchmusterung.

168644. This star is C.P.D. −19° 6792, and is not contained in the Southern Bonn Durchmusterung.

168659,60. H. D. 168659 precedes $1^s$, north $0'.4$.

168673. The lines are narrow.

168677. This star is C.P.D. −19° 6796, and is not contained in the Southern Bonn Durchmusterung.

168687. The star C. DM. −41° 12721, ptm. magn. 10.6, follows $1^s.6$, north $5'.0$. The spectrum is partly superposed and is of Class A.

168701,2. The spectrum is composite. The hydrogen lines belonging to the fainter star are narrow. Traces of bright lines are seen.

168704. The hydrogen lines are broad.

168710. XZ Sagittarii. Variable. Class V. Max. *8.9*. Min. *11.2*. Period, $3^d.2755$.

168723. η Serpentis. The spectrum resembles that of α Bootis in the distribution of light.

168745. The lines are probably broad.

168775. κ Lyrae. Read 0,10 R, for 0,R.

168784. This star is C.P.D. −18° 411, magn. 9.8, and is not contained in the Southern Bonn Durchmusterung.

168785. Perhaps of Class B3.

168798. The lines are probably narrow.

168814. The lines are narrow.

168829. TU Lyrae. Variable. Max. *9*. Min. *10*. The class and period are unknown. The line Hδ appears to be bright, but shows very slight contrast to adjacent portions of the spectrum. The class, regardless of this bright line, is Mc.

168833. The lines appear to be narrow.



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168863. Perhaps of Class K5.

168875. The observation, F8, on I 37901, residual 18, was rejected. The image is very faint on that plate.

168914. t Herculis. Read 3,10 R, for 3,R.

168919. A star somewhat fainter than H. D. 168919 follows $2^s$, north o'.2.

168938. This star is C.P.D. $-19°$ 6803, and is not contained in the Southern Bonn Durchmusterung.

168943. N. G. C. 6624. Globular cluster.

169014. The lines are probably narrow.

169022. $\epsilon$ Sagittarii. The lines are wide.

169156. $\zeta$ Scuti.

169199. N. G. C. 6626. Globular cluster. Nine variable stars have been found in this cluster.

169221. The Class Ao was incorrectly recorded for this spectrum when observed on a third plate. The letters A and K were confused either by the observer or the recorder.

169226,7. H. D. 169226 follows $1^s.7$, north 1'.6. The two spectra are not separated with the dispersion employed.

169315. XX Sagittarii. Variable. Class IV. Max. *8.6.* Min. *10.0.* Period, $6^d.43$.

169324. T Telescopii. Variable. Class II. Max. *11.3.* Min. *<12.7.* Period, $256^d$. On a photograph taken June 8, 1899, the spectrum is of Class Ma, having the lines Hγ and Hδ nearly equally bright.

169343. RX Coronae Austrinae. Variable. Class II. Max. *10.5.* Min. *<15.* Period, unknown. On a photograph taken April 8, 1909 the spectrum is of Class Ma, having the lines Hγ and Hδ nearly equally bright.

169409. RY Telescopii. Variable. Class II. Max. *11.* Min. *<15.* On a photograph taken August 17, 1908, the spectrum has the lines Hβ, Hγ, and Hδ bright. The relative intensities are 1, 10, and 7. The class of spectrum is not clearly defined.

169420,1. Bu. 8529. P. A. 292°.4, Dist. 1".82, magn. 5 and 8.5. The spectrum is composite. It was noted in H.A. **28**, 188, Remark 198, that the line Hδ is wider and more intense than Hβ or Hγ. Plates taken with the Bache Telescope, which show the violet end more clearly, prove that the increased intensity is due to the composite nature of the spectrum. The superposition of the spectrum of Class A strengthens the hydrogen lines from Hδ to the violet end, and weakens the band K.

169460. N. G. C. 6629. Planetary nebula. Magn. 9.9 in the Cordoba Durchmusterung.

169467. $\alpha$ Telescopii.

169515. RY Scuti. Variable. Max. *8.3.* Min. *9.2.* Class and period, unknown. The spectrum is nearly continuous. Very faint, dark hydrogen lines are seen, and bright lines are suspected to be present.

169518. This star is C. DM. $-22°$ 12959, and is not contained in the Southern Bonn Durchmusterung.

169574. The spectrum is faint and the class may be nearer to A than to F.

169652,3. The spectrum is composite. The star whose spectrum is of Class Go is probably the brighter visual component.

169689,90. The spectrum is composite.

169702. $\mu$ Lyrae.

169753. RZ Scuti. Variable. Class V. Max. *7.5.* Min. *8.5.* Period, $15^d.194$.

169767. $\zeta$ Telescopii.

169831. RV Sagittarii. Variable. Class II. Max. *8.2.* Min. *12.3.* Period, $319^d$. On photographs taken September 14, 1895 and July 8, 1896, the spectrum is of Class Mb, having the lines Hγ and Hδ bright. The line Hδ was estimated to be 1.5 and 7.0 times as bright as Hγ on the two dates, respectively.

169916. λ Sagittarii.

169927. The spectrum is indistinct and the class is uncertain.

169952. The lines 4128.1 and 4131.1 are strong.

169978. $\nu$ Pavonis.

169985,6. d Serpentis. The spectrum is composite. Bu. 8562. P. A. 314°.1, Dist. 3".95, magn. 5.5 and 7.8. Suspected of variability. See H.A. **56**, 108, Remark 126.

170000. $\phi$ Draconis. The lines 4128.1 and 4131.1 are strong. There are slight peculiarities in the relative intensities of several solar lines and the spectrum resembles, in some respects, that of $\theta$ Aurigae, H. D. 40312. See also H.A **28**, 95, Remarks 43 and 44.

170005. The line 4077.9 is stronger than normal.

170016. Classified G5 on B 40616, which is incorrect. On that plate, the end of greater wave length is confused by the superposition of the spectrum of H. D. 169992.

170034. AK Sagittarii. Variable. Class II. Max. *10.9.* Min. *<15.* On a photograph taken September 13, 1895, the spectrum, although very faint, is probably of Class Ma, and the line Hδ is 4 times as bright as Hγ.

170073. b Draconis. Bu. 8574. Triple star. Stars A and C, P. A. 20°.8, Dist. 88".80, ptm. magn. 4.94 and 7.65. The spectrum of star C was looked for on a photograph taken with short dispersion. Although very faint, it seems to be of Class A5 or Fo. There is no trace of the spectrum of star B.

170124. A gaseous nebula not contained in the New General Catalogue. The bright lines Hδ, Hγ, Hβ, 4959 and 5007 are seen. The last is the strongest. See H.C. 224.

170153. $\chi$ Draconis. Parallax o".11.

170162. This star is C. P. D. $-19°$ 6847, and is not contained in the Southern Bonn Durchmusterung.

170235. The line Hβ is bright.

170296. $\gamma$ Scuti.

170334. Z Coronae Austrinae. Variable. Class II. Max. *11.0.* Min. *<12.9.* Period, $303^d$. On a photograph taken June 9, 1899, the spectrum is of Class Mc, having the line Hδ bright.

170357. Hγ and Hδ are strong for this class.

170368. The line K is faint for this class. This is probably due to the superposition of the spectrum of a fainter star which precedes $1^s$, and is north o'.3.

170397. The lines 4077.9, 4128.1 and 4131.1 are the strongest except those of hydrogen.

170465. $\delta^1$ Telescopii.

170474. c Serpentis.

170495. SS Sagittarii. Variable. Class III. Max. *11.0.* Min. *12.0.* Period, probably irregular.

170523. $\delta^2$ Telescopii.

170534. N. G. C. 6637. Globular cluster.



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170572. This star is C.P.D. −47° 8916.
170582. The lines are probably narrow.
170603. The lines appear to be narrow.
170606. The star C. DM. −33° 13296, ptm. magn. 9.9, follows $0^s.9$, north 1′.8. The spectrum is partly superposed and is probably also of Class A.
170629. RT Pavonis. Variable. Class III. Max. *8.7.* Min. *9.8.* Period, probably irregular.
170757. RX Herculis. Variable. Class V. Max. 7.0. Min. 7.6. Period, $0^d.8892870$. The line K is very faint, and the presence of helium lines is suspected, but not certainly seen.
170764. U Sagittarii. Variable. Class IV. Max. 6.5. Min. 7.3. Period, $6^d.74467$. The spectrum changes from Class F8 at maximum to Ko at minimum, on 7 plates which were examined.
170831. TY Ophiuchi. Variable. Class III. Max. *9.* Min. *10.* Period, irregular.
170839. N. G. C. 6644. Planetary nebula. Magn. 9.6 in the Cordoba Durchmusterung.
170845. θ Coronae Austrinae.
170867, 8. κ Coronae Austrinae. Innes $18^h$ 61. P. A. 357°.0, Dist. 21″.7, combined magn. 5.46. Owing to the partial superposition of the two spectra, no lines can be detected in the spectrum of the fainter component, except those of hydrogen.
171030. The line Hδ is strong for this class.
171059. — Sagittarii. Variable. Class II. Max. *12.5.* Min. *15.* Period, unknown. The spectrum is of Class Mb, having the line Hδ somewhat brighter than Hγ.
171131. Index Catalogue, 4732. Planetary nebula.
171389. Also B.D. −1° 3517, magn. 8.7.
171396,7. Bu. 8641. P. A. 230°.6, Dist. 5″±, magn. 9.5 and 10. The spectrum is composite.
171399. Probably of Class R1.
171417. A strong line is present near the wave length 4380.
171424. The star C.P.D. −60° 7110, magn. 8.8., precedes $0^s.0$, south 0′.7. The spectrum is partly superposed and appears to be also of Class A.
171443. α Scuti.
171510. This star is C.P.D. −21° 6956, and is not contained in the Southern Bonn Durchmusterung.
171556. This star is C.P.D. −19° 6959, and is not contained in the Southern Bonn Durchmusterung.
171560. N. G. C. 6656. Globular cluster. Sixteen variable stars have been found in this cluster.
171620. The lines are probably narrow.
171635. d Draconis. The lines are narrow and the spectrum resembles that of δ Canis Majoris, H. D. 54605.
171759. ζ Pavonis.
171804. RX Scuti. Variable. Max. *9.7.* Min. *12.0.* Class and period, unknown.
171808. The lines are broad.
171876. The lines are narrow.
171978. e Serpentis.
172008. RZ Herculis. Variable. Class II. Max. 9.5. Min. 14. Period, $328^d$. On a photograph taken June 15, 1909, the spectrum is of Class Mc, having the line Hδ bright.
172052. The lines are narrow and the spectrum resembles that of δ Canis Majoris, H. D. 54605.
172085. The spectrum bears some resemblance to Class G5 in the distribution of light. On a third plate, it was classified G5.
172167. α Lyrae. See H.A. **28**, 95, Remark 40; for notes on certain lines in this spectrum.
172171. X Ophiuchi. Variable. Class II. Max. 6.5. Min. 9.0. On a photograph taken July 20, 1895 the spectrum is of Class Mb, having the line Hδ 5 times as bright as Hγ.
172175. Traces of bright lines are seen and the spectrum may be peculiar.
172301. U Coronae Austrinae. Variable. Class II. Max. *9.0.* Min. *11.5.* Period, $146^d.5$. On a photograph taken June 28, 1908, a faint spectrum, which is probably of Class Ma, shows the line Hδ to be 0.8 as bright as Hγ.
172324. The lines are very narrow, and helium lines are suspected.
172365. The hydrogen lines are as strong as in Class Go, while the distribution of light resembles that of Class K. Line 4215.7 is strong, and there is a strong dark band at about 4200.
172488. The hydrogen lines are narrow. The helium lines are faint. The oxygen band from 4070 to 4076 is strong.
172527. RR Scuti. Variable. Max. 7.9. Min. 8.3. Class and period, unknown.
172552. RV Telescopii. Variable. Class V. Max. *9.0.* Min. *10.2.* Period, unknown.
172605. RW Telescopii. Variable. Max. *9.0.* Min. *10.2.* Period, probably irregular.
172706. RT Telescopii. Variable. Class III. Max. *9.6.* Min. *10.8.* Period, probably irregular.
172712,3. The spectrum is composite. Bu. 8732. P. A. 327°.2, Dist. 1″.76, magns. 7.2 and 7.4. The spectrum of Class F2 probably belongs to the brighter visual component.
172730. RU Scuti. Variable. Class IV. Max. *9.1.* Min. *10.2.* Period, $20^d.3$.
172737. N. G. C. 6681. Globular cluster.
172748. δ Scuti.
172777. λ Coronae Austrinae.
172804. The spectrum is faint. It may resemble that of the variable star 043065, T Camelopardalis, H. D. 29147.
172885. SY Lyrae. Variable. Class III. Max. *10.2.* Min. *11.0.* Period, irregular.
172902. Z Scuti. Variable. Class IV. Max. *9.0.* Min. *10.3.* Period, unknown.
172977. The lines 4128.1 and 4131.1 are slightly stronger than normal.
172991,2. The spectrum is composite. See H.A. **56**, 156, Remark 243.
173009. ε Scuti.
173040,1. C. DM. − 24° 14651 = C.P.D. − 24° 6506 and 6507. The latter follows $1^s.0$, north 0′.3. The two spectra are probably alike, or nearly alike.
173058. SS Scuti. Variable. Class IV. Max. *7.5.* Min. *8.4.* Period, unknown. The spectrum changes from F8 at or near maximum to Class Ko at minimum.



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173060,1. C. DM. −23° 14673 = C.P.D. −23° 7224 and 7225. The latter star follows $0^s.3$, north $0'.1$. The hydrogen lines in the combined spectrum are strong, and it is probable that one star has a spectrum of Class F.

173138. RV Scuti. Variable. Class III. Max. *8.6*. Min. *10.1*. Period, probably irregular.

173140. YY Sagittarii. Variable. Class V. Max. *8.8*. Min. *9.7*. Period $1^d.31454$.

173168. $\theta$ Pavonis.

173219. The line H$\beta$ is bright. Other bright lines may be present. The dark lines are barely seen.

173283. I. C. 4776. Planetary nebula. Magn. 9.7 in the Cordoba Durchmusterung.

173291. − Lyrae. Probably variable with small range.

173300. $\phi$ Sagittarii.

173354. SX Sagittarii. Variable. Class V. Max. *8.7*. Min. *9.8*. Period, $2^d.07694$.

173442. This star is C.P.D. −20° 7175 and is not contained in the Southern Bonn Durchmusterung.

173524. c Draconis. The lines 4128.1 and 4131.1 are slightly stronger than normal.

173539. V Coronae Austrinae. Variable. Max. *9.0*. Min. *<12.0*. Period and class unknown. The spectrum shows no bright lines, and is of an uncommon class for variable stars.

173540. $\mu$ Coronae Austrinae. Read 5,10 R for 5,R.

173582,3. $\epsilon^1$ Lyrae. Bu. 8783. P. A. 12°.4, Dist. 3″.20, combined magn. 4.68. Read *1*,10 R, for 1,R.

173607,8. $\epsilon^2$ Lyrae. Bu. 8785. P. A. 126°.7, Dist. 2″.41, combined magn. 4.50. Read *2*,10 R, for *2*,R.

173648,9. $\zeta$ Lyrae. Bu. 8788. P. A. 150°.4, Dist. 43″.74, combined magn. 4.06. H. D. 173648, read *1*,10 R, for *1*,R.

173650. The lines 4128.1 and 4131.1 are strong.

173715. $\eta^1$ Coronae Austrinae.

173739,40. Bu. 8798. P. A. 151°.0, Dist. 17″.06, magn. 8.2 and 8.7. The two spectra are probably nearly similar. Parallax of the brighter component, 0″.28. Proper motion, 2″.28, 325°.0.

173764. $\beta$ Scuti.

173798. RW Lyrae. Variable. Class II. Max. *9.0*. Min. *<14.5*. Period, $496^d$. On a photograph taken November 5, 1904, the spectrum is of Class Mc, having the line H$\delta$ bright.

173805,6. The spectrum is composite.

173819. R Scuti. Variable. Class III. Max. 4.8. Min. 7.8. Period, irregular. The spectrum changes from Ko at maximum to Ma at minimum.

173861. $\eta^2$ Coronae Austrinae.

173945. ZZ Sagittarii. Variable. Class V. Max. *8.9*. Min. *10.5*. Period, unknown.

173948. $\lambda$ Pavonis. The lines are wide.

174016,7. The spectrum is composite.

174089. YZ Sagittarii. Variable. Class IV. Max. *7.5*. Min. *8.3*. Period, $9^d.553$. On photographs taken at or near the maximum phase, the narrow lines H$\gamma$, H$\delta$, and several enhanced lines characteristic of Cepheid variables, are strong. On one photograph where the spectrum is decidedly fainter, the line 4215 is of increased intensity and exceeds any other dark line in the spectrum except the bands H and K.

174107. Nova Aquilae, No. 3. This was the brightest new star since Nova Ophiuchi, No. 1, of 1604. See H.A. **81**, Nos. 2 and 3, for a study of the light curve, and spectrum, respectively. The spectrum was of the $\alpha$ Cygni type on June 8, 1918, but at or following the maximum phase, magn. −1.2, on June 9, it changed to the typical Nova form. Between June 25 and September 6, 1918, remarkable oscillations occurred in the spectrum, and at the end of this period, the nebular line 4363 was the brightest portion of the spectrum. In July 1919, the chief nebular lines, 4959 and 5007, were the strongest lines. This was also true on May 30, 1921, when the magnitude of the star was 9.2.

174168,9. These stars are C.P.D. −22° 7203 and 7202. The latter star precedes $0^s.0$, south $0'.6$. They are not contained in the Southern Bonn Durchmusterung. C.DM. −22° 13324 refers to the combined light of the two stars.

174170. This star is C. DM. −22° 13325, and is not contained in the Southern Bonn Durchmusterung.

174191,2. The spectrum is composite.

174238. The star +13° 3765, ptm. magn. 9.1, follows $1^s.2$, south $0'.1$. The spectrum is superposed and appears to be also of Class A.

174295. $\kappa$ Telescopii.

174310,1. H. D. 174310 follows $0^s.2$, north $1'.0$, and is about 0.2 magn. brighter than H. D. 174311 on chart plates.

174325. S Scuti. Variable. Class III. Max. 6.4. Min. 7.3. Period, irregular.

174343,4. Bu. 8849. P. A. 354°.7, Dist. 0″.54, magn. 6.5 and 8.5. The two spectra appear to be of nearly equal photographic brightness and are so completely blended that the separation of the two classes is difficult.

174383. BB Sagittarii. Variable. Class IV. Max. *7.6*. Min. *8.6*. Period, unknown.

174491. This star is C.P.D. −20° 7232, and is not contained in the Southern Bonn Durchmusterung.

174512. This is the brightest star in N. G. C. 6705. The lines appear to be narrow, although the image is hazy, because of the superposition of the spectra of adjacent stars.

174536,7. The spectrum is composite. Bu. 8853. P. A. 169°.5, Dist. 1″.60, magn. 8.3 and 9.0.

174602. $\nu$ Lyrae. Read *2*,10 R, for *2*,R.

174638,9. $\beta$ Lyrae. Variable. Class V. Max. 3.4. Min. 4.1. Period, $12^d.908006$. The spectrum is very peculiar. It has been described in detail by Miss Maury in H.A. **28**, 102, Remark 166, and by R. H. Curtiss in Allegheny **2**, 73. Both of these observers recognized the presence of two spectra of Class B, one of which resembles that of $\beta$ Orionis, having narrow lines, and the other is of Class B2, having numerous bright lines. Remarkable oscillations of the bright bands with respect to the dark lines appeared on the Harvard plates, in a period agreeing with that of the light variation. By means of a comparison spectrum, Curtiss found that this is due to an oscillation of the narrow dark lines of the spectrum of



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Class B8 through a range of 369 km., occurring in each period.

174664. The class is somewhat uncertain due to the superposition of the spectrum of $\beta$ Lyrae, H. D. 174638,9.

174694. $\kappa$ Pavonis. Variable. Class IV. Max. 3.8. Min. 5.2. Period, $9^d.09155$. The lines are narrow and the enhanced lines characteristic of the spectra of Cepheid variables, are strong. The spectrum changes from Class F5 to G5 on 9 plates which were examined.

174706. This star is C.P.D. $-20°$ 7267 and is not contained in the Southern Bonn Durchmusterung.

174757,8. S.BD. $-22°$ 4901 = C.P.D. $-22°$ 7240 and 7241. The latter star follows $0^s.0$, north $0'.7$.

174946. This star is C.P.D. $-20°$ 7304 and is not contained in the Southern Bonn Durchmusterung.

174974. $\nu^1$ Sagittarii. The hydrogen lines are strong for Class G5. Line 4077.9 is stronger than H$\delta$.

175113. N. G. C. 6715. Globular cluster. The hazy spectrum contains the dark H and K bands as in Classes G or K.

175124. U Scuti. Variable. Class V, $\beta$ Lyrae type. Max. 9.1. Min. 9.6. Period, $0^d.954961$.

175188. UX Sagittarii. Variable. Class III. Max. 7.6. Min. 8.0. Period, probably irregular.

175190. $\nu^2$ Sagittarii.

175191. $\sigma$ Sagittarii. The lines are broad.

175194. The lines H$\delta$, H$\gamma$, H$\beta$, 4959 and 5007 are bright, of which the last is the strongest. See also H. C. 224.

175268. Nova Lyrae. This new star rose rapidly between December 4 and 6, 1919 from the sixteenth magnitude or fainter, to the magnitude 6.5. It had reached the magnitude 8.5 when discovered on January 6, 1920. The spectrum at that time contained bright and dark hydrogen lines, characteristic of the Nova type. On February 13, 1920, there was a trace of the chief nebular line, 5007.

175306. $o$ Draconis.

175329. $\omega$ Pavonis.

175353. N. G. C. 6720. The Ring Nebula in Lyrae. Planetary.

175377. T Scuti. Variable. Class III. Max. 8.8. Min. 9.3. Period, irregular.

175426. $\delta^1$ Lyrae. The lines are wide. Read *1*,10 R, for *1*,R.

175427. A variability of about 0.2 magn. in a period of $5^d.25$, has been found in this star.

175475. This star is C.P.D. $-21°$ 7135, and is not contained in the Southern Bonn Durchmusterung.

175492,3. Bu. 8908. Stars A and B. P. A. 32°.4, Dist. 35".82, magn. 6.0 and 7.0. The brighter star is also a spectroscopic binary.

175510. $\lambda$ Telescopii.

175535. The spectrum resembles those of Class Ko in the distribution of light. Line 4077.9 is stronger than H$\delta$. Line 4215.7 is also well marked. The star $+50°$ 2687, ptm. magn. 8.1, follows $1^s.5$, south $3'.0$. The spectrum of this star was looked for on a plate of short dispersion, which shows it to be of Class K5. Read 5,10 R, for 5,R.

175588. $\delta^2$ Lyrae. Read 0,10 R, for 0,R.

175595. The star $-0°$ 3598, ptm. magn. 9.7, follows $0^s.5$, north $0'.9$. The spectrum is superposed and is probably of Class A.

175599. RW Scuti. Variable. Class III. Max. *8.3*. Min. *9.7*. Period, irregular.

175638,9. $\theta$ Serpentis. Bu. 8914. P. A. 104°.3, Dist. 22".18, combined magn. 4.10.

175652,3. The spectrum is composite.

175674. A very strong absorption band is situated from about wave length 4215 to 4241.

175687. $\xi^1$ Sagittarii.

175751. $\eta$ Scuti.

175754. The dark lines show only slight contrast to the continuous spectrum. Bright lines are suspected to be present.

175775. $\xi^2$ Sagittarii.

175813. $\epsilon$ Coronae Austrinae.

175865. R Lyrae. Variable. Max. 4.0. Min. 4.7. Class and period, uncertain. Period, probably irregular. See H.A. **55**, 53 for Remarks on the variation. Photometric magn. 4.32 in H.A. **50**.

175875. This star is C.P.D. $-20°$ 7358, and is not contained in the Southern Bonn Durchmusterung.

175980. N. G. C. 6723. Globular cluster. Sixteen variable stars have been found in this cluster.

176029. Proper motion, 1".24, 191°.1.

176125. This star is C.P.D. $-19°$ 7238, and is not contained in the Southern Bonn Durchmusterung.

176200. UV Aquilae. Variable. Class III. Max. *9.6*. Min. *11.6*. Period, probably irregular. The spectrum contains more blue light than normal for the class.

176232. The line 4077.9 is strong, and the spectrum appears to resemble that of $\theta^1$ Microscopii, described in H.A. **28**, 186, Remark 158. Read 2,10 R for 2 R.

176269,70. Innes $18^h97$. P. A. 282°.6, Dist. 11".6, combined magn. 5.97. The spectrum of the fainter component is not certainly defined, but it appears to be similar to that of the brighter.

176281. A line which appears to be 4077.9 is strong.

176382. This star is C. DM. $-22°$ 13522, and is not contained in the Southern Bonn Durchmusterung.

176411. $\epsilon$ Aquilae.

176415,6. H. D. 176415 precedes $0^s.2$ north $1'.0$. The two spectra are probably similar.

176437. $\gamma$ Lyrae. The intensities of certain lines are slightly different from those in the spectrum of the typical star. The helium line 4026.3 and the silicon lines, 4128.1, 4131.1, are strong.

176483,4. H. D. 176483 precedes $0^s.5$ north $0'.2$.

176485,6. Bu. 8954. P. A. 259°.9, Dist. 16".89, magn. 6.8 and 8.2. The fainter star precedes $1^s.18$, south 3".7. In deriving the photographic magnitude, the color correction for the brighter star was assumed.

176524. $\upsilon$ Draconis.

176536. This star is C. DM. $-22°$ 13528, and is not contained in the Southern Bonn Durchmusterung.

176570. This star is C.P.D. $-19°$ 7252, and is not contained in the Southern Bonn Durchmusterung.

176592. ST Sagittarii. Variable. Class II. Max. *8.0*.



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Min. $<12.5$. Period, $403^d$. On a photograph taken June 9, 1899, the spectrum is of Class Mb having the line Hδ bright.

176638. ζ Coronae Austrinae.

176654. Nova Sagittarii, No. 1. The first photograph of the spectrum was taken on April 19, 1898, 42 days after the appearance of the star on a chart plate. It consisted of bright lines, of which that at 4650 was the brightest. On June 9, 1899, the spectrum had become nebular. See also H.A. **76**, 38.

176670. λ Lyrae.

176678. i Aquilae.

176687. ζ Sagittarii.

176701. This star is C.P.D. −20° 7388, and is not contained in the Southern Bonn Durchmusterung.

176750. This star is C.P.D. −20° 7392, and is not contained in the Southern Bonn Durchmusterung.

176779. Nova Aquilae, No. 2. The first photograph of this new star appeared on a spectrum plate taken August 18, 1905. Bright and dark hydrogen lines and the bright band 4640 were present. On September 21, 1905, the spectrum, although faint, contained the same bright lines. See also H.A. **76**, 38.

176946. N. G. C. 6741. Planetary nebula.

176982,3. H. D. 176983 follows $1^s.0$, south $0'.2$.

176984. g Aquilae. Read 0,10 R, for 0,R.

177017. SU Sagittarii. Variable. Class III. Max. *8.0*. Min. *9.0*. Period, probably irregular.

177070. This star is C.P.D. −20° 7404, and is not contained in the Southern Bonn Durchmusterung.

177171. ρ Telescopii.

177241. o Sagittarii.

177336. V Aquilae. Variable. Class III. Max. 6.5. Min. 8.0. Period, irregular. The distribution of light differs from that in normal spectra of Class N. The absorption band from 4640 to 4750 is very strong and the portion of the spectrum having greater wave length than 4750 is five or six times as bright as that of shorter wave length than 4640.

177365. The helium line 4026.3 is somewhat stronger than normal.

177390,1. The spectrum is composite.

177441. SZ Aquilae. Variable. Class IV. Max. *8.8*. Min. *10.5*. Period, $17^d.1362$. The spectrum probably changes from Class Go at maximum to K2 at or near minimum.

177456. RX Telescopii. Variable. Class III. Max. *8.9*. Min. *9.9*. Period, probably irregular.

177463. h Aquilae.

177474,5. γ Coronae Austrinae. Innes $18^h$ 113. P. A. 140°.7, Dist. $2''.04$, combined magn. 4.26.

177482. σ Octantis.

177517. The lines 4128.1 and 4131.1 are strong.

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