ANNALS

OF

THE ASTRONOMICAL OBSERVATORY OF HARVARD COLLEGE

VOLUME 98

THE HENRY DRAPER CATALOGUE

19^h AND 20^h

BY

ANNIE J. CANNON

CURATOR OF ASTRONOMICAL PHOTOGRAPHS

AND

EDWARD C. PICKERING

LATE DIRECTOR OF THE OBSERVATORY

CAMBRIDGE, MASS.

PUBLISHED BY THE OBSERVATORY

1923

PREFACE

THE frontispiece illustrates spectra of southern stars photographed with the 13-inch Boyden telescope. The upper figure shows the group of stars, mainly of Classes B and O, in Scorpius, $16^h\ 47^m$, $-41°$. In the middle figure is the spectrum of β Arae, a typical giant star of Class K_2; the lower figure shows the spectrum of ϵ Indi, Class K_5, a dwarf that is one of the nearest stars. The differences in the spectral lines used at Harvard to estimate the absolute magnitudes are well shown in the photographs of these two stars.

An effort has been made to bring together all the errata so far known to exist in the Henry Draper Catalogue. The list on the following page includes errata found here and those received from various investigators elsewhere. The Harvard Observatory desires to be notified of further errors that may be found. Attention is called to the last two paragraphs in the Introduction to this volume, where a comparison is made of the positions given in the Henry Draper Catalogue with those in other catalogues. Of the one hundred and fifty stars compared, no difference in right ascension greater than a tenth of a minute was found, and for only two stars is the deviation in declination as large as two minutes of arc.

HARLOW SHAPLEY
Director of the Observatory of Harvard College

CAMBRIDGE, MASSACHUSETTS
April, 1923

ERRATA

Introduction and Remarks

Volume	Page	
91	6	Class B_3. For τ^4, read π^4.
91	74	Headings in first half. Transpose Sp. and Ptm.
91	277	H. D. 4614. For Dist. $5^s.19$, read $5''.19$.
91	289	H. D. 24427,8. For 24528, read 24428.
91–93	9	Class Mb. For Gruis, read Crucis.
91–97	9	Line 12. For greater, read shorter.
93	267	H. D. 68255,6,7. For Bu. 4471, read 4477.
96	229	H. D. 143454. Third line. For magn. 6.6, read 2.3.
97	249	H. D. 155937. Transfer parallax and proper motion to preceding Remark.

Catalogue

H. D.	Column	For	Read
3405	Sp.	G7	Go
5552	Ptg.	*9.8*	*8.8*
"	Sp.	G5	B
13552	Ptm.	*9.3*	9.36
23850	Pl. No.	**56**	**28**
24554	Ptg.	*7.11*	*6.33*
"	Sp.	G5	A
24555	Ptg.	*4.95*	*5.73*
"	Sp.	A	G5
46602	Ptm.	6.52	6.44
66976	DM.	1098	..
"	R. A.	0.8	0.6
"	Dec.	+58 16	+58 7
"	Ptm.	9.2	..
66976	Ptg.	*9.3*	..
72326	Ptm.	8.2	9.8
"	Ptg.	*8.3*	*9.9*
84078	Ptg.	*9.2*	*8.2*
90610	Dec.	−30 24	−30 34
91269	Ptm.	6.36	7.9
91270	Ptm.	6.7	6.36
121627	DM.	2763	3763
127234	Dec.	−29 4	−29 44
"	Ptm.	49.6	9.6
130827	Dec.	−54 1	−54 14
"	Ptm.	*49.8*	*9.8*
141675	R. A.	54.2	45.2
155806	Sp.	B3p	Oe5p

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 243,000, relating to about 225,000 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.

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 Hβ and Hϵ 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 Hβ and Hϵ 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 attached to the 13-inch Boyden Telescope, and the interval between Hβ and Hϵ 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 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 ζ 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, Hβ'; 4541.9, Hγ'; 4200.3, Hδ'; 4026.0, Hϵ'; 3924.0, Hζ'; 3860.8, Hη'; 3815.7, Hθ'; and 3783.4, Hι'. Recent investigators, however, find by experiments in the laboratory that these lines are probably due to helium. They are now commonly called ζ 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 α Cygni,

in which the lines are very sharp, and of α Aquilae, in which they are diffuse, were 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 θ^1 Microscopii of Class A2, ξ Phoenicis of Class Fo, and ζ 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. $-39°\ 15'$, the lines of low temperature are abnormally intense.

A third peculiarity in stellar spectra is the presence of bright, or emission, lines. About 1000 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. At the International Astronomical Union held in Rome in May, 1922, the letter "e" placed after the class of spectrum, was adopted to represent the presence of emission lines. It seemed best, however, to continue to use the designation Md, for spectra of Class M, having bright lines, and to continue to use the letter "p" after the class, when bright lines occur in spectra of Class B. 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

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 Hα, Hβ, Hγ, Hδ, Hϵ, and Hζ 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. $23^h\ 21^m.1$, Dec. $+41°\ 59'$, 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. Hγ and Hδ 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 Hβ, Hγ, and Hδ are bright, and also those of the ζ 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

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 ζ Puppis series. No dark lines are seen.

Class Od. Typical stars, ζ Puppis and λ Cephei. All lines are dark except 4686 and 4638, which are bright. Seven dark lines of the ζ Puppis series have been photographed. The helium line, 4471.6, is present but very faint in ζ Puppis. Several faint, dark lines between Hβ and Hγ are seen in the spectrum of λ Cephei, but not in that of ζ Puppis.

Class Oe. Typical star, 29 Canis Majoris, R. A. $7^h\ 14^m.5$, Dec. $-24°\ 23'$. The spectrum resembles that of ζ 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, τ 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 ζ 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, ϵ Orionis. The hydrogen lines are 0.3 as intense as in the spectrum of α Canis Majoris. The ζ 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, β Canis Majoris and β Centauri. The hydrogen lines are seen from Hβ to Hτ. The ζ 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, γ Orionis and α 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, π^4 Orionis and α Pavonis. The hydrogen lines are about 0.5 as intense as in α 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.

Class B5. Typical stars, q Tauri and ϕ 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, β Persei and γ 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, λ Aquilae and λ 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, α Canis Majoris. The hydrogen lines are at their maximum intensity, and line K is 0.1 as intense as Hδ, or less. On plates having sufficient dispersion, the calcium line H, at 3968.6, is separated from Hϵ, 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, δ Ursae Majoris and ι Centauri. The line K is 0.3 or 0.5 as intense as Hδ. 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, α Piscis Austrini, and τ^3 Eridani. The line K is more than 0.5 as intense as the compound line H and Hϵ, and is 0.8 as intense as Hδ. The metallic lines are more numerous and more intense than in Class A2, while the hydrogen lines are slightly fainter.

Class A5. Typical stars, β Trianguli and α Pictoris. The line K is 0.9 as intense as the compound line H and Hϵ, and more intense than Hδ. 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, δ Geminorum and α Carinae. The lines of hydrogen are about 0.5 as intense as in α Canis Majoris. The line K is as strong as the compound line H and Hϵ, and about 3.0 as intense as Hδ. 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, π 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.

Class F5. Typical stars, α Canis Minoris and ρ 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 Hγ. 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 Hγ.

Class F8. Typical stars, β Virginis and α 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, α Aurigae and β Hydri. The spectrum closely resembles that of the Sun. The hydrogen lines are no longer conspicuous as a series of lines. Hγ 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, Hδ, 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 Hβ to Hϵ, although there is a slight gradual decrease from Hγ to Hϵ. The bands H and K are very conspicuous.

Class G5. Typical stars, κ Geminorum and α Reticuli. The hydrogen lines are slightly fainter than in Class G0. Hγ when combined with 4337.7 is equal to 4325.9; when separated, Hγ 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, α Bootis and α Phoenicis. The hydrogen lines are fainter than in Class G5 and the light of the continuous spectrum shows a decided decrease from Hγ to Hϵ. Hγ 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 Hδ, 4215.7 to 4226.9, 4470 to 4525, and 4614 to 4648, approximately.

Class K2. Typical stars, β Cancri and υ 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, α 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

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 Hβ, which is nearly as well marked as the similar change at 4762.

Class Ma. Typical stars, α Orionis and γ 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 Hβ 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 shorter wave length, so that bands H and K are generally barely seen.

Class Mb. Typical stars, ρ Persei and γ 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 Hδ in the spectrum of α 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, χ 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 Hβ, Hγ, or Hδ 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, Hδ, was seven times as intense as Hγ, 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

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, in the Remarks.

Class S. Typical star, π^1 Gruis. The letter S has been adopted by the International Astronomical Union, to designate spectra of this peculiar class. The brightest portion, which is between Hβ and Hγ, is of a complicated nature consisting of bright and dark bands. The strongest dark band is at 4554. In the brighter stars, well marked absorption is present at 4227, H, and K. Several variable stars of long period, such as R Andromedae, have spectra of this class, with the addition of bright hydrogen lines, of which Hβ is the strongest.

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. $19^h\ 17^m.7$, Dec. $-10^\circ\ 53'$. 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. $-19^\circ\ 31'$. 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. $+5^\circ$ 5223, ptm. magn. 8.8, R. A. $23^h\ 44^m.0$, Dec. $+5^\circ\ 50'$. 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. $-3^\circ\ 6'$. 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

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.

Class Nc. Typical star, S Cephei, var., R. A. $21^h\,36^m.5$, Dec. +78° 10′. The spectrum contains little, or no, light of shorter wave length than Hβ. The most brilliant portion is from 5900 to 6800. All the spectra known to belong to this class have been photographed on plates stained with pinacyanol or dicyanin.

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 23,181 stars, between $19^h\,00^m.0$ and $21^h\,00^m.0$, 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 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. 177,601. 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 the color index depending on the class of spectrum. The color index is taken from H.A. **80**, 151, and has the values for B0, -0.24; B1, -0.22; B2, -0.19; B3, -0.17;

B5, −0.12; B8, −0.05; B9, −0.02; A0, 0.00; A2, +0.06; A3, +0.08; A5, +0.14; F0, +0.28; F2, +0.34; F5, +0.42; F8, +0.50; G0, +0.56; G5, +0.78; K0, +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 F0, and the spectrum was again estimated F0, 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 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. Annual proper motions of $1''$, or more, are inserted from the list given by Dr. van Maanen in A. P. J. **41**, 187.

As stated on page 12, the positions of the stars in this Catalogue are only approximate. For the brighter stars they have been taken from H. A. **50**. For the fainter, Durchmusterung positions were reduced by graphical methods for stars north of $-52°$, and by means of the precession constants of the Cape Photographic Durchmusterung for stars south of $-52°$.

The positions of fifty stars in this volume were compared with positions in the Preliminary General Catalogue (Boss); of fifty other stars, with the Astronomische Gesellschaft (Strassburg) positions; and of fifty stars from H. A. **93**, with the positions in the Greenwich Astrographic Catalogue. The average deviations of the positions in the Henry Draper Catalogue from the positions given by these three catalogues of precision are as follows:

	R. A.	Dec.
Preliminary General Catalogue	$\pm 0^m.02$,	$\pm 0'.34$
Strassburg	0.03	0.22
Greenwich	0.04	0.58
Mean	$\pm 0^m.03$	$\pm 0'.38$

TABLE I.

THE HENRY DRAPER CATALOGUE.

177500 — 18h 59m.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
26	3237	0.0	+42 36	8.8	*9.4*	G	2	..	37348i
27	3717	0.0	+16 39	9.1	*9.1*	B9	6	..	5555m
28	3892	0.0	+13 53	9.8	*9.8*	A	1	..	5555m
29	3891	0.0	+13 51	10.5	*10.5*	A	1	..	5555m
30	3976	0.0	+ 9 47	8.5	*8.6*	A5	3	..	14171b
31	5033	0.0	− 6 19	9.1	*9.7*	Go	3	..	38112b
32	*4849*	0.0	− 6 57	9.3	*9.3*	B9	3	..	38112b
33	4848	0.0	− 7 39	10.9	*10.9*	Ao	1	..	38112b
34	5200	0.0	−18 1	10.9	*10.9*	B9	3	1,2	39391b
35	5291	0.0	−19 54	10.6	11.0	G5	1	..	23765b
36	15031	0.0	−23 0	9.1	8.9	F2	8	..	23765b
37	15702	0.0	−29 23	10.1	9.7	Fo	2	..	40432b
38	11365	0.0	−52 17	*9.4*	9.5	A2	3	..	39661b
39	8995	0.0	−55 43	..	11.3	R3	1	..	39661b
40	7448	0.0	−59 32	8.0	10.2	K2	2	..	40463b
41	7449	0.0	−59 44	*9.5*	10.5	Ko	1	..	39381b
42	2602	0.0	−70 14	*8.7*	9.0	Fo	5	..	41442b
43	3460	0.1	+35 36	7.7	*7.8*	A3	4	..	37845i
44	3845	0.1	+17 33	8.0	*8.0*	Ao	4	..	37202i
45	3679	0.1	+15 52	10.5	*10.6*	A2	2	..	5555m
46	3893	0.1	+13 56	9.1	*9.1*	B9	3	..	5555m
47	3720	0.1	+11 11	9.8	*9.8*	Ao	3	..	23239b
48	3960	0.1	+ 8 20	8.51	*8.51*	Ao	4	..	40333b
49	3778	0.1	+ 2 26	9.1	*8.9*	B3	2	..	13424b
50	3880	0.1	+ 1 28	8.9	*10.3*	Ma	1	..	13424b
51	3641	0.1	− 1 5	6.94	*6.94*	Ao	5	*1,8*	38492i
52	3642	0.1	− 1 40	6.45	*6.73*	Fo	6	0,9	38492i
53	4845	0.1	− 2 32	10.0	*11.0*	Ko	1	..	23253b
54	4840	0.1	− 8 33	8.9	*8.9*	B9	6	..	38112b
55	4868	0.1	−11 25	9.3	*9.3*	B9	2	..	38080b
56	5274	0.1	−12 9	7.88	*8.88*	Ko	4	..	38080b
57	5224	0.1	−15 46	10.2	*10.5*	Fo	3	..	39391b
58	..	0.1	−18 49	..	..	A2	1	..	39391b
59	5292	0.1	−19 38	8.1	8.3	B5	8	..	23765b
60	5392	0.1	−20 4	10.2	10.1	B9	3	..	23765b
61	5248	0.1	−21 20	10.2	10.3	Go	2	..	23765b
62	13551	0.1	−27 26	7.17	6.9	B8	7	..	40432b
63	15704	0.1	−29 43	10.3	10.5	G5	1	..	40432b
64	16346	0.1	−31 28	10.1	9.7	Go	2	..	39273b
65	13049	0.1	−37 57	6.27	6.9	G5	..	*5,8-*	**28**,214
66	13325	0.1	−41 52	10.1	9.6	B5	4	..	39471b
67	12910	0.1	−48 44	9.3	11.2	Mc	..	R	M
68	9093	0.1	−56 28	*10.1*	10.2	A2	3	..	39661b
69	7450	0.1	−59 29	8.0	8.1	A5	8	..	40463b
70	3412	0.1	−66 1	*9.8*	10.6	G5	1	..	42464b
71	*3461*	0.2	+36 0	8.2	*8.3*	A2	2	..	38520i
72	3575	0.2	+22 31	8.1	*8.7*	Go	1	..	38511i
73	3719	0.2	+16 43	9.0	*9.0*	Ao	5	..	5555m
74	..	0.2	+15 35	..	..	A	1	..	5555m
75	4012	0.2	+ 6 47	10.1	*10.1*	Ao	2	..	23239b
76	3644	0.2	− 0 44	9.3	*10.3*	Ko	2	..	23253b
77	4841	0.2	− 8 41	9.6	*10.6*	Ko	2	..	38112b
78	4943	0.2	−10 21	10.2	*10.3*	A5	1	..	38112b
79	5463	0.2	−17 23	10.5	*10.5*	Ao	5	..	39391b
80	..	0.2	−17 50	..	..	A3	2	..	39391b
81	5201	0.2	−18 19	9.3	*10.7*	Ma	3	..	23765b
82	13552	0.2	−27 41	10.5	10.4	Ko	1	..	40432b
83	15707	0.2	−29 40	9.4	10.3	Ko	1	..	40432b
84	16650	0.2	−30 22	9.4	10.3	Ko	1	..	40432b
85	13117	0.2	−43 16	9.3	9.9	A3	3	..	38141b
86	13125	0.2	−44 3	11.0	11.3	G5	1	..	39471b
87	12913	0.2	−48 40	9.7	11.2	K5	1	..	39656b
88	12911	0.2	−48 48	9.7	10.6	Ko	2	*5,1*	39656b
89	8997	0.2	−55 17	9.2	10.2	F8	3	..	39661b
90	2960	0.2	−69 23	*8.9*	9.7	G5	3	..	20541b
91	600	0.2	−84 10	*9.7*	10.7	K	1	..	14161b
92	3628	0.3	+39 46	7.82	*7.82*	Ao	3	..	37348i
93	*3309*	0.3	+34 0	7.12	*7.00*	B5	6	..	37845i
94	3305	0.3	+32 54	8.5	*8.6*	A3	3	..	37845i
95	3228	0.3	+27 10	7.05	*7.03*	B9	3	0,5	1600b
96	3654	0.3	+21 57	7.7	*8.2*	F8	2	..	38511i
97	3653	0.3	+21 20	7.8	*9.0*	K5	1	..	38511i
98	3720	0.3	+16 17	8.7	*9.1*	F5	4	..	5555m
99	3683	0.3	+15 35	6.84	*6.84*	Ao	5	0,9	37202i
100	3681	0.3	+15 16	9.0	*9.0*	Ao	5	..	5555m

177600 — $19^h\,0^m.3$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3780	0.3	+10 39	9.3	*9.4*	A2	4	0,2	23239b
2	3781	0.3	+ 2 36	9.3	*9.3*	Ao	4	..	13424b
3	..	0.3	− 8 27	..	..	F8	1	..	38112b
4	*4869*	0.3	−10 56	9.1	*10.3*	K5	1	..	38112b
5	5219	0.3	−13 54	10.6	*12.0*	Mb	..	..	M
6	5281	0.3	−14 48	8.00	*9.07*	K2	3	..	38080b
7	5225	0.3	−15 48	9.3	*9.4*	A2	5	...	39391b
8	5464	0.3	−17 47	10.7	*11.7*	Ko	1	..	39391b
9	4972	0.3	−22 45	8.7	9.2	Ko	6	..	23765b
10	*13798*	0.3	−25 58	10.3	10.5	K2	1	..	40432b
11	13334	0.3	−38 0	9.3	9.8	Go	2	..	40427b
12	13117	0.3	−39 18	9.3	10.9	Mb	1	..	40427b
13	13052	0.3	−40 46	9.9	9.8	K2	1	..	40427b
14	13904	0.3	−42 39	9.9	10.7	Ko	2	..	39471b
15	12990	0.3	−45 24	10.6	10.8	Ko	2	..	39471b
16	12816	0.3	−46 16	9.5	10.5	K5	1	..	39471b
17	9254	0.3	−54 26	*10.2*	11.3	K2	1	..	39661b
18	8999	0.3	−55 11	9.2	10.2	F5	4	..	39661b
19	8998	0.3	−55 51	*9.6*	10.2	Go	3	0,2	39661b
20	1039	0.4	+70 33	8.3	*9.3*	Ko	4	..	38029i
21	3547	0.4	+23 35	8.4	*8.7*	F2	3	..	37848i
22	3721	0.4	+16 25	10.5	*10.8*	F	1	..	5555m
23	3782	0.4	+10 16	8.82	*8.80*	B9	2	..	14171b
24	3979	0.4	+ 9 29	6.93	*6.81*	B5	7	..	38537i
25	4025	0.4	+ 5 44	8.9	*9.4*	F8	3	..	14171b
26	3891	0.4	+ 3 24	9.1	*9.7*	Go	4	..	13424b
27	3881	0.4	+ 1 4	9.5	*9.9*	F5	2	..	23253b
28	..	0.4	+ 0 57	..	..	K5	1	..	23253b
29	4100	0.4	+ 0 15	10.5	*10.6*	A3	2	..	23253b
30	4099	0.4	+ 0 4	9.8	*10.3*	F8	2	..	23253b
31	3645	0.4	− 0 24	10.5	*10.9*	F5	2	..	23253b
32	3646	0.4	− 0 38	9.5	*9.5*	B9	4	..	23253b
33	4690	0.4	− 4 52	10.0	*10.0*	Ao	1	..	38112b
34	5226	0.4	−15 1	8.81	*9.88*	K2	1	..	38080b
35	5143	0.4	−16 27	10.2	*11.2*	Ko	1	..	39391b
36	5465	0.4	−17 39	10.5	*10.6*	A2	4	..	39391b
37	..	0.4	−18 45	..	..	A2	2	..	39391b
38	5293	0.4	−19 13	9.6	9.3	G5	3	..	23765b
39	R	0.4	−21 26	*11.2*	11.2	A	1	..	23765b
40	13557	0.4	−27 48	11.0	9.8	Ao	2	..	40432b
41	13328	0.4	−41 13	9.3	10.7	K5	1	..	39471b
42	11931	0.4	−51 0	9.7	10.0	Ao	4	..	39661b
43	3187	0.4	−68 33	*9.0*	10.2	K5	3	..	20541b
44	3463	0.5	+35 38	7.8	*7.9*	A3	3	..	37845i
45	3310	0.5	+33 10	7.7	*8.0*	Fo	4	..	37845i
46	3306	0.5	+32 36	8.6	*8.7*	A5	2	..	37845i
47	3448	0.5	+31 13	8.2	*8.2*	Ao	2	..	38501i
48	3549	0.5	+23 11	6.94	*6.77*	B3	6	..	37848i
49	*3943*	0.5	+19 0	6.61	*7.61*	Ko	5	..	37202i
50	3722	0.5	+16 53	8.9	*9.9*	Ko	4	..	5555m
51	3723	0.5	+16 22	10.1	*11.3*	K5	1	..	5555m
52	3684	0.5	+15 41	10.5	*11.3*	G5	2	..	5555m
53	3783	0.5	+10 40	8.7	*9.0*	Fo	4	..	14171b
54	*4026*	0.5	+ 6 0	9.0	*9.8*	G5	3	..	23239b
55	4476	0.5	− 3 47	8.3	*9.3*	Ko	3	..	23253b
56	..	0.5	− 6 8	Neb.	Neb.	Pf	..	R	76,23
57	4986	0.5	− 9 3	8.1	*8.5*	F5	8	..	38112b
58	4946	0.5	−10 47	9.2	*9.2*	B9	3	..	38112b
59	5228	0.5	−15 18	9.1	*9.2*	A3	4	..	38080b
60	5393	0.5	−20 46	10.0	10.8	G5	2	..	23765b
61	5251	0.5	−21 51	9.6	10.3	F5	4	..	23765b
62	15043	0.5	−23 25	7.41	8.0	Ko	8	..	23765b
63	13315	0.5	−36 45	9.3	10.2	Ko	2	..	40427b
64	13330	0.5	−41 39	8.9	9.6	A2	3	0,3	38141b
65	12993	0.5	−45 29	8.4	9.0	F2	6	..	38141b
66	..	0.5	−49 4	var.	var.	Md	..	R	M
67	9256	0.5	−54 34	*9.7*	10.5	G5	1	..	39661b
68	9324	0.5	−57 27	9.0	10.8	K2	1	..	39381b
69	6339	0.5	−61 52	8.6	9.9	G5	2	..	42464b
70	6041	0.5	−62 8	*9.5*	10.5	Ko	1	..	42464b
71	599	0.5	−84 54	7.93	9.1	G5	7	..	14161b
72	2822	0.6	+48 20	9.0	*9.4*	F5	2	E	37348i
73	3219	0.6	+41 49	7.98	*7.98*	Ao	5	..	37348i
74	3715	0.6	+25 38	8.2	*8.2*	Ao	3	..	37848i
75	4038	0.6	+20 29	8.2	*8.8*	Go	2	..	38511i
76	3901	0.6	+19 7	7.53	*8.53*	Ko	3	..	37202i
77	3797	0.6	+12 4	9.8	*9.9*	A2	3	..	23239b
78	3964	0.6	+ 8 38	8.7	*9.3*	Go	6	0,3	23239b
79	*4013*	0.6	+ 7 2	9.3	*9.4*	A2	4	..	23239b
80	4851	0.6	− 2 21	9.3	*10.5*	K5	2	..	23253b
81	4872	0.6	− 5 14	9.1	*9.1*	B9	4	..	38112b
82	5147	0.6	−16 1	9.6	*9.6*	Ao	5	..	39391b
83	5148	0.6	−16 55	9.2	*10.2*	Ko	4	..	39391b
84	5466	0.6	−17 4	10.9	*11.2*	F2	2	..	39391b
85	4975	0.6	−22 14	9.6	10.8	Ko	2	..	23765b
86	13560	0.6	−27 51	11.5	10.1	Ao	1	..	40432b
87	16657	0.6	−30 7	9.18	10.0	K2	1	..	40432b
88	13123	0.6	−43 4	9.3	9.6	Go	4	..	38141b
89	13131	0.6	−44 25	9.9	9.9	F8	3	..	38141b
90	12995	0.6	−45 19	10.3	10.9	F5	2	..	39471b
91	12817	0.6	−46 19	9.5	10.4	G5	2	..	39471b
92	12915	0.6	−48 24	var.	var.	Md	..	R	M
93	9001	0.6	−55 52	6.50	7.3	Ko	9	..	40463b
94	7268	0.6	−60 4	9.32	10.2	G5	2	..	39381b
95	*2367*	0.6	−70 58	*9.2*	9.3	A2	3	..	41442b
96	1937	0.7	+59 59	6.90	*8.08*	K5	5	..	38518i
97	3630	0.7	+39 58	7.97	*9.15*	K5	1	..	38520i
98	3312	0.7	+33 56	7.22	*8.29*	K2	3	..	37845i
99	3657	0.7	+21 5	7.7	*8.7*	Ko	2	..	38511i
100	*3725*	0.7	+12 1	9.5	*9.6*	A2	3	..	23239b

177700 **$19^h\ 0^m.7$**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3981	0.7	+ 9 58	10.1	*10.1*	Ao	2	..	23239b
2	3969	0.7	+ 4 8	6.91	*7.19*	Fo	4	..	38560i
3	*3783*	0.7	+ 3 3	9.1	*9.1*	Ao	4	..	13424b
4	3647	0.7	− 0 20	10.5	*10.5*	Ao	1	..	23253b
5	3648	0.7	− 0 50	8.6	*8.6*	Ao	4	..	13464b
6	4987	0.7	− 9 47	6.58	*7.36*	G5	3	0,9	10078b
7	4870	0.7	−11 45	9.1	*9.7*	Go	2	..	38064b
8	4871	0.7	−11 48	7.62	*7.68*	A2	3	3,6	10078b
9	5223	0.7	−13 27	8.00	*9.00*	Ko	5	..	38064b
10	5224	0.7	−13 36	7.9	*9.0*	K2	4	..	38064b
11	*5149*	0.7	−15 57	9.6	*9.7*	A2	5	..	39391b
12	..	0.7	−16 41	..	..	F5	1	..	39391b
13	5295	0.7	−19 49	8.78	9.2	G5	4	..	23765b
14	5252	0.7	−21 20	10.5	9.8	Ao	3	..	23765b
15	13808	0.7	−26 23	9.4	9.8	G5	2	..	40432b
16	13564	0.7	−27 49	3.42	*4.42*	Ko	..	R	28,214
17	13209	0.7	−35 47	8.9	9.3	B9	5	..	40427b
18	12919	0.7	−48 17	9.7	10.0	G5	4	..	41441b
19	11933	0.7	−51 0	9.7	10.0	F5	4	..	39661b
20	9258	0.7	−54 12	8.6	9.3	Go	5	..	39661b
21	7451	0.7	−59 6	*9.7*	10.8	K2	2	..	39381b
22	1006	0.7	−79 33	*8.9*	10.1	K5	1	..	42793b
23	2824	0.8	+45 26	8.8	*9.2*	F5	3	..	37348i
24	3899	0.8	+13 43	3.02	*3.02*	Ao	..	R	5879c
25	3727	0.8	+11 7	7.50	*7.48*	B9	4	..	37202i
26	3955	0.8	+ 7 31	8.5	*9.5*	Ko	3	..	14171b
27	3954	0.8	+ 7 5	9.1	*10.2*	K2	3	..	23239b
28	4853	0.8	− 2 24	9.3	*10.1*	G5	3	..	23253b
29	..	0.8	− 8 11	..	..	B9	2	..	38112b
30	4948	0.8	−10 52	8.9	*9.7*	G5	4	..	38112b
31	5467	0.8	−17 24	10.2	*10.7*	F8	2	..	39391b
32	R	0.8	−21 58	10.5	11.2	K	1	..	23765b
33	4976	0.8	−22 42	10.2	11.2	G5	2	..	23765b
34	15049	0.8	−23 0	10.5	10.4	F2	3	..	23765b
35	15019	0.8	−24 21	8.8	8.7	B9	7	..	23765b
36	15719	0.8	−29 19	9.0	9.5	G5	3	..	40432b
37	16664	0.8	−30 6	8.68	9.4	K2	3	..	40432b
38	14869	0.8	−32 33	9.3	9.8	F5	2	..	39273b
39	13332	0.8	−41 32	10.8	10.7	Go	1	..	39471b
40	12820	0.8	−46 30	10.1	10.2	A2	4	..	41441b
41	12511	0.8	−49 28	9.1	8.8	Ko	5	..	41441b
42	9260	0.8	−54 16	9.1	10.5	Ko	2	..	39661b
43	3579	0.9	+40 24	8.27	*8.33*	A2	4	..	37348i
44	3717	0.9	+25 41	7.6	*7.6*	Ao	4	..	37848i
45	3579	0.9	+22 55	8.8	*9.8*	Ko	1	..	38511i
46	3685	0.9	+15 36	10.5	*10.5*	A	1	..	5555m
47	3728	0.9	+11 29	8.5	*8.5*	Ao	3	..	14171b
48	..	0.9	+ 7 4	..	..	Ao	1	..	23239b
49	4014	0.9	+ 6 24	6.88	*7.30*	F5	5	..	38537i
50	4015	0.9	+ 6 6	10.5	*10.5*	Ao	2	..	23239b
51	3883	0.9	+ 1 41	9.8	*10.2*	F5	4	..	23253b
52	*3645*	0.9	− 0 59	8.5	*8.3*	B3	3	..	13464b
53	3646	0.9	− 1 53	9.5	*9.5*	Ao	3	..	23253b
54	*4854*	0.9	− 1 59	9.8	*9.8*	B9	3	..	23253b
55	4692	0.9	− 4 48	9.55	*9.55*	Ao	2	..	38112b
56	4876	0.9	− 5 2	3.55	*3.53*	B9	..	R	6861c
57	4874	0.9	− 5 29	9.3	*10.5*	K5	2	..	38112b
58	5278	0.9	−12 2	7.10	*7.60*	F8	3	2,7	10078b
59	5150	0.9	−16 7	10.5	*11.3*	G5	2	..	39391b
60	5151	0.9	−16 29	10.5	*11.5*	Ko	1	..	39391b
61	..	0.9	−16 55	..	..	Ao	1	..	39391b
62	5470	0.9	−17 15	9.3	*10.4*	K2	3	..	39391b
63	5469	0.9	−17 23	9.1	*10.1*	Ko	5	..	39391b
64	5468	0.9	−17 27	9.6	*10.6*	Ko	4	..	39391b
65	13816	0.9	−26 29	9.6	9.2	A5	4	..	40432b
66	15388	0.9	−28 42	10.5	10.1	Ao	2	..	40432b
67	15721	0.9	−29 48	9.53	9.7	F5	2	..	40432b
68	16665	0.9	−30 19	8.2	9.1	A2	5	..	40432b
69	14870	0.9	−32 35	8.6	9.2	F5	4	..	39273b
70	13128	0.9	−43 26	9.9	10.4	Go	3	..	39471b
71	13134	0.9	−44 30	10.1	10.8	A2	2	..	39471b
72	12822	0.9	−46 24	10.6	10.8	G5	1	..	39471b
73	12746	0.9	−47 11	9.7	10.4	A3	2	..	41441b
74	12922	0.9	−48 36	9.9	10.0	F8	3	..	41441b
75	12920	0.9	−48 50	9.3	10.9	Mb	..	..	M
76	*9095*	0.9	−55 59	7.8	8.1	Ao	7	..	40463b
77	3773	0.9	−65 19	*9.5*	9.6	A2	1	..	42464b
78	2185	1.0	+56 27	7.9	*8.9*	Ko	3	..	38518i
79	3220	1.0	+41 29	8.8	*9.6*	G5	2	..	37348i
80	3581	1.0	+40 51	8.0	*8.8*	G5	3	..	37348i
81	3328	1.0	+37 58	7.90	*8.68*	G5	2	..	38520i
82	*3235*	1.0	+28 2	7.6	*7.6*	Ao	3	..	38501i
83	3552	1.0	+23 17	8.6	*8.9*	F2	2	..	38511i
84	3724	1.0	+16 47	8.7	*8.7*	Ao	4	..	5555m
85	3686	1.0	+15 32	10.1	*10.7*	G	1	..	5555m
86	3982	1.0	+ 9 37	7.62	*8.69*	K2	2	..	38537i
87	3966	1.0	+ 8 57	9.1	*10.3*	K5	2	..	23239b
88	3967	1.0	+ 8 54	10.1	*10.2*	A2	1	..	23239b
89	3894	1.0	+ 3 35	8.9	*10.0*	K2	3	..	13424b
90	3648	1.0	− 1 16	8.1	*9.2*	K2	2	..	13464b
91	4694	1.0	− 4 3	9.2	*9.7*	F8	3	..	23253b
92	4875	1.0	− 5 23	8.7	*9.0*	Fo	4	..	38112b
93	5034	1.0	− 6 13	9.3	*9.8*	F8	2	..	38112b
94	*4949*	1.0	− 9 57	8.91	*8.91*	Ao	3	..	38112b
95	5231	1.0	−15 37	7.9	*8.9*	Ko	4	..	38064b
96	..	1.0	−16 12	..	..	Ao	2	..	39391b
97	5471	1.0	−17 6	10.9	*11.5*	Go	1	..	39391b
98	5204	1.0	−18 5	9.3	*9.4*	A2	4	..	23765b
99	4977	1.0	−22 39	6.83	7.7	Ko	10	..	23765b
100	R	1.0	−22 58	11.0	9.8	A2	3	..	23765b

177800 — 19h 1m.0

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13737	1.0	−25 2	7.90	8.9	Ko	6	..	23765b
2	15394	1.0	−28 48	9.6	9.6	G5	1	..	40432b
3	13327	1.0	−36 7	10.1	9.6	F5	3	..	40427b
4	12923	1.0	−48 58	9.7	9.7	Ao	4	..	41441b
5	1992	1.0	−73 29	*8.6*	9.7	K2	2	..	42526b
6	426	1.1	+84 25	9.6	*10.1*	F8	2	..	37294i
7	845	1.1	+73 59	6.99	*7.27*	Fo	5	0,6	38044i
8	3453	1.1	+31 36	5.80	*6.98*	K5	7	..	37845i
9	3409	1.1	+30 35	6.39	*7.74*	Ma	5	5,5	38501i
10	*3732*	1.1	+12 4	7.9	*8.9*	Ko	7	..	23239b
11	4017	1.1	+ 6 59	10.1	*10.2*	A5	4	..	23239b
12	3893	1.1	+ 3 6	8.9	*8.7*	B2	3	..	13424b
13	3651	1.1	− 0 7	10.5	*11.0*	F8	2	..	23253b
14	4845	1.1	− 8 55	9.6	*9.6*	B9	2	..	38112b
15	4951	1.1	−10 27	9.6	*10.6*	Ko	1	..	38112b
16	5279	1.1	−12 33	8.1	*8.1*	B8	4	..	38064b
17	5153	1.1	−16 23	5.93	*5.88*	B8	..	1,9	**56**,143
18	5152	1.1	−16 40	10.5	*11.5*	Ko	2	..	39391b
19	5395	1.1	−20 8	8.5	9.2	G5	5	..	23765b
20	5255	1.1	−21 35	8.7	8.6	Ao	7	..	23765b
21	15023	1.1	−24 2	9.6	9.5	Fo	3	..	23765b
22	15022	1.1	−24 41	7.65	8.0	Ao	9	..	23765b
23	16671	1.1	−30 56	8.4	9.4	F8	3	..	40432b
24	13338	1.1	−38 35	9.3	10.4	G5	2	..	40427b
25	13128	1.1	−39 55	8.72	9.5	Ko	3	..	40427b
26	6340	1.1	−61 53	8.3	8.7	F5	4	..	42464b
27	1042	1.2	+70 34	9.3	*9.4*	A2	3	..	38029i
28	2926	1.2	+49 29	7.8	*7.9*	A3	7	..	37348i
29	3148	1.2	+43 43	6.78	*6.76*	B9	7	..	37348i
30	3719	1.2	+25 46	7.22	*8.22*	Ko	3	..	37848i
31	3778	1.2	+14 27	9.8	*10.8*	Ko	1	..	5555m
32	*3784*	1.2	+11 3	8.41	*8.36*	B8	3	..	14171b
33	3959	1.2	+ 7 12	9.5	*10.6*	K2	3	..	23239b
34	3958	1.2	+ 7 10	8.9	*10.0*	K2	4	2,1	23239b
35	3886	1.2	+ 1 27	10.1	*10.4*	F	2	..	23253b
36	3885	1.2	+ 1 12	10.5	*10.5*	Ao	1	..	23253b
37	5154	1.2	−16 1	10.9	*11.5*	Go	1	..	39391b
38	5473	1.2	−17 12	11.1	*11.1*	Ao	3	..	39391b
39	5474	1.2	−17 18	11.1	*11.1*	Ao	2	..	39391b
40	5299	1.2	−19 53	10.9	11.0	G	1	..	23765b
41	5397	1.2	−20 47	11.1	10.8	A5	2	..	23765b
42	4981	1.2	−22 35	10.2	10.7	Go	2	..	23765b
43	4980	1.2	−22 53	9.3	9.8	G5	4	..	23765b
44	15024	1.2	−24 17	10.3	9.6	A2	3	..	23765b
45	13739	1.2	−25 24	9.1	8.9	F8	4	..	40432b
46	15403	1.2	−28 48	6.19	7.2	K2	7	..	40432b
47	16364	1.2	−31 50	8.4	9.8	Mb	2	5,1	39273b
48	13054	1.2	−37 2	9.3	9.7	G5	3	..	40427b
49	13337	1.2	−41 45	8.6	8.9	Go	6	..	39471b
50	12828	1.2	−46 19	10.3	10.9	K5	1	..	39471b
51	11937	1.2	−51 3	9.3	10.0	F8	6	..	39661b
52	9002	1.2	−55 0	*10.0*	10.8	G5	2	..	39661b
53	3774	1.2	−65 9	*8.0*	8.1	A3	7	..	41442b
54	1224	1.2	−78 9	*8.7*	9.8	K2	1	..	42793b
55	680	1.2	−83 49	*8.7*	9.3	Go	2	..	14161b
56	1039	1.3	+68 34	8.2	*8.2*	Ao	2	..	37907i
57	2332	1.3	+52 58	8.5	*8.5*	Ao	2	..	38889i
58	3423	1.3	+38 45	8.4	*9.4*	Ko	1	..	38520i
59	3902	1.3	+13 42	9.1	*10.1*	Ko	2	..	5555m
60	4018	1.3	+ 6 19	10.5	*10.6*	A2	3	..	23239b
61	4855	1.3	− 2 26	10.0	*11.1*	K2	1	..	23253b
62	5233	1.3	−15 16	9.8	*10.6*	G5	1	..	38064b
63	5206	1.3	−18 54	6.37	*6.32*	B8	7	0,10	43224b
64	5256	1.3	−21 28	9.6	9.8	B9	4	..	23765b
65	15027	1.3	−24 2	10.8	10.4	A5	2	..	23765b
66	15028	1.3	−24 20	9.6	9.5	F2	2	..	23765b
67	13824	1.3	−26 16	10.3	9.6	Ao	3	..	40432b
68	..	1.3	−29 1	var.	var.	Md	..	R	M
69	15734	1.3	−29 42	10.1	10.0	F5	2	..	40432b
70	14876	1.3	−32 2	8.6	9.4	Ko	3	5,1	39273b
71	14875	1.3	−32 44	7.9	8.5	G5	6	..	39273b
72	13341	1.3	−38 55	9.9	10.9	K2	1	..	40427b
73	13061	1.3	−40 39	4.66	6.4	Ko	..	R	**28**,214
74	9329	1.3	−57 32	*10.0*	10.5	F8	1	..	39381b
75	923	1.4	+71 22	8.5	*8.5*	Ao	4	..	38029i
76	2825	1.4	+48 44	7.58	*7.64*	A2	7	..	37348i
77	3424	1.4	+38 35	7.7	*7.7*	Ao	4	..	38520i
78	3457	1.4	+31 17	8.0	*8.8*	G5	2	..	37845i
79	4020	1.4	+ 6 29	8.9	*8.9*	Ao	3	..	14171b
80	3649	1.4	− 1 30	6.72	*6.67*	B8	6	0,9	38492i
81	4853	1.4	− 7 56	9.8	*10.8*	Ko	1	..	38112b
82	4955	1.4	−10 18	9.3	*10.1*	G5	3	..	38112b
83	*5281*	1.4	−11 59	8.5	*9.1*	Go	3	..	38064b
84	5229	1.4	−13 29	10.5	*10.5*	Ao	3	..	38064b
85	5156	1.4	−16 12	10.5	*11.5*	Ko	1	..	39391b
86	5155	1.4	−16 18	10.2	*11.3*	K2	1	..	39391b
87	5475	1.4	−17 26	10.2	*11.0*	G5	1	..	39391b
88	5208	1.4	−18 1	9.3	*9.3*	Ao	6	..	23765b
89	5302	1.4	−19 50	9.38	10.6	G5	2	..	23765b
90	5398	1.4	−20 40	9.3	11.0	Ma	2	..	23765b
91	5257	1.4	−21 46	8.7	8.9	Fo	6	..	23765b
92	4982	1.4	−22 39	10.0	10.6	Go	3	..	23765b
93	15030	1.4	−24 16	9.6	9.2	Go	4	..	23765b
94	13826	1.4	−26 10	9.1	9.2	G5	3	..	40432b
95	14878	1.4	−32 38	8.9	9.5	G5	2	..	39273b
96	13139	1.4	−44 9	10.1	9.9	F2	3	..	38141b
97	12998	1.4	−45 14	7.86	9.3	Ko	6	..	38141b
98	11938	1.4	−51 47	8.9	10.0	G5	3	..	39661b
99	11369	1.4	−52 16	*9.7*	10.3	Go	2	..	39661b
100	9006	1.4	−55 38	*10.5*	10.8	Fo	2	..	39381b

177900 — $19^h\ 1^m.4$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	7453	1.4	−59 43	8.42	9.6	K5	2	..	40463b
2	*3782*	1.5	+15 3	8.94	*8.92*	B9	2	..	5555m
3	3984	1.5	+ 9 26	8.6	*9.6*	Ko	2	..	23239b
4	*4021*	1.5	+ 7 0	6.72	*7.06*	F2	6	..	38537i
5	*4029*	1.5	+ 6 2	10.5	*10.5*	Ao	2	..	23239b
6	3650	1.5	− 1 44	9.5	*10.6*	K2	2	..	23253b
7	5231	1.5	−13 49	8.1	*8.1*	B9	8	..	38064b
8	5287	1.5	−14 13	8.7	*9.3*	Go	5	..	38064b
9	5288	1.5	−14 25	10.7	*11.8*	K2	2	..	39391b
10	5234	1.5	−15 46	9.6	*9.7*	A2	4	..	39391b
11	5157	1.5	−16 4	8.3	*8.9*	Go	5	..	38064b
12	5479	1.5	−17 18	9.3	*9.3*	B9	5	..	39391b
13	5478	1.5	−17 23	7.31	*7.26*	B8	10	..	39391b
14	5209	1.5	−18 25	10.5	*11.5*	Ko	1	..	39391b
15	15062	1.5	−23 2	10.3	11.7	K5	1	..	23765b
16	16677	1.5	−30 9	9.3	10.3	K2	1	..	40432b
17	16370	1.5	−31 19	7.6	9.4	K5	3	*3,3*	40432b
18	14879	1.5	−32 11	8.9	10.6	G5	2	R	39499b
19		1.5	−32 11		10.5	Ma	3		
20	13411	1.5	−34 38	7.84	9.3	K2	4	..	39273b
21	13221	1.5	−35 41	8.9	9.4	Ao	5	..	40427b
22	12926	1.5	−48 48	9.3	10.0	K2	1	..	41441b
23	11940	1.5	−51 16	10.3	11.4	Ma	..	..	M
24	11939	1.5	−51 17	10.3	11.2	K5	1	..	39661b
25	7454	1.5	−59 53	*9.7*	10.2	F8	3	..	39381b
26	6044	1.5	−62 10	*9.4*	10.2	G5	1	..	42464b
27	3976	1.5	−64 27	*8.3*	8.7	F5	6	..	41442b
28	3413	1.5	−66 2	*7.4*	7.5	A2	..	*2,9*	56,144
29	1674	1.6	+62 33	7.03	*8.03*	Ko	5	E	38518i
30	1941	1.6	+59 18	8.3	*8.3*	Ao	5	..	38518i
31	2825	1.6	+45 45	6.82	*6.80*	B9	8	..	37348i
32	3149	1.6	+43 45	8.7	*8.7*	Ao	3	..	37348i
33	3472	1.6	+35 42	8.8	*8.8*	Ao	2	..	37845i
34	3458	1.6	+31 25	9.5	*10.9*	Mc	..	..	M
35	3240	1.6	+27 15	8.0	*8.0*	Ao	2	..	38501i
36	3241	1.6	+27 8	8.0	*8.4*	F5	2	..	37848i
37	3728	1.6	+16 29	10.5	*10.6*	A2	1	..	5555m
38	3784	1.6	+14 20	10.5	*11.3*	G5	1	..	5555m
39	3785	1.6	+10 12	8.92	*9.48*	Go	1	..	14171b
40	3970	1.6	+ 8 5	var.	var.	Md	3	R	14171b
41	3961	1.6	+ 7 47	9.26	*9.82*	Go	5	..	23239b
42	3889	1.6	+ 1 22	7.6	*8.8*	K5	3	..	13424b
43	4851	1.6	− 8 0	9.2	*9.7*	F8	3	..	38112b
44	5282	1.6	−12 30	9.3	*10.4*	K2	1	..	38064b
45	5480	1.6	−17 47	10.5	*11.7*	K5	2	..	23765b
46	5258	1.6	−21 37	10.0	10.6	A2	3	..	23765b
47	4983	1.6	−22 24	10.5	10.7	Fo	2	..	23765b
48	15066	1.6	−23 29	9.8	10.6	A5	3	..	23765b
49	15739	1.6	−29 12	9.8	9.4	G5	2	..	40432b
50	14884	1.6	−32 39	9.3	9.5	Go	2	..	39273b
51	13918	1.6	−42 31	var.	var.	Md	..	R	M
52	13141	1.6	−44 37	9.2	9.6	F8	3	..	38141b
53	3225	1.7	+41 16	8.5	*9.5*	K	1	..	37348i
54	3785	1.7	+14 38	9.8	*10.1*	F2	2	..	5555m
55	3903	1.7	+13 41	8.4	*8.4*	Ao	5	..	5555m
56	3973	1.7	+ 8 53	8.7	*9.7*	Ko	2	..	23239b
57	3972	1.7	+ 8 49	9.5	*9.5*	Ao	3	..	23239b
58	3971	1.7	+ 8 32	9.5	*9.5*	B8	5	..	23239b
59	4023	1.7	+ 6 44	7.14	*7.22*	A3	5	..	38537i
60	4022	1.7	+ 6 8	9.1	*10.1*	Ko	4	..	23239b
61	3975	1.7	+ 4 48	9.3	*10.3*	Ko	1	..	14171b
62	3890	1.7	+ 1 35	10.5	*10.9*	F5	3	..	23253b
63	3653	1.7	− 1 52	7.92	*7.90*	B9	4	..	13464b
64	4857	1.7	− 2 39	9.8	*9.8*	B9	2	..	23253b
65	4849	1.7	− 8 52	9.6	*9.6*	B8	2	..	38112b
66	5233	1.7	−13 0	8.5	*9.3*	G5	5	..	38064b
67	5237	1.7	−15 27	10.2	*11.4*	K5	1	..	38064b
68	5481	1.7	−17 10	10.2	10.2	Ao	3	..	39391b
69	5304	1.7	−19 32	9.1	9.2	F5	4	..	23765b
70	5259	1.7	−21 14	10.5	10.8	G	2	..	23765b
71	13750	1.7	−25 52	7.53	8.4	G5	7	..	40432b
72	13830	1.7	−26 30	9.1	8.9	G5	4	..	40432b
73	13941	1.7	−33 38	10.6	9.8	Ao	1	..	39273b
74	13412	1.7	−34 6	9.0	9.4	F5	3	..	39273b
75	13065	1.7	−40 7	7.88	7.7	B9	8	..	40427b
76	13344	1.7	−41 39	8.6	8.6	B9	6	..	39471b
77	13345	1.7	−41 44	9.2	9.6	Go	4	..	39471b
78	11943	1.7	−51 38	9.2	10.6	K5	2	..	39661b
79	9265	1.7	−54 31	*10.1*	10.5	F5	3	..	39661b
80	*3776*	1.7	−64 58	9.55	10.6	Ko	1	..	42464b
81	2080	1.8	+54 14	7.65	*8.83*	K5	1	..	38518i
82	3633	1.8	+39 58	8.37	*8.43*	A2	2	..	38520i
83	3690	1.8	+15 42	7.24	*7.38*	A5	4	*2,8*	37202i
84	3962	1.8	+ 7 32	9.1	*9.2*	A2p	6	R	23239b
85	3976	1.8	+ 4 55	8.60	*9.38*	G5	4	..	14171b
86	4859	1.8	− 2 14	9.8	*10.6*	G5	2	..	23253b
87	*5038*	1.8	− 5 57	9.6	*9.6*	B9	2	..	38112b
88	..	1.8	−16 54	..	..	Ao	1	..	39391b
89	5211	1.8	−18 53	9.6	*9.5*	B5	6	..	23765b
90	5260	1.8	−21 24	8.3	9.3	Ko	6	..	23765b
91	15069	1.8	−23 17	9.3	10.6	K2	3	..	23765b
92	15035	1.8	−24 11	10.8	11.4	K5	1	..	23765b
93	15415	1.8	−28 44	10.1	10.4	G5	1	..	40432b
94	16374	1.8	−31 30	9.6	9.4	Ao	3	..	40432b
95	13923	1.8	−42 18	10.3	10.7	Go	2	..	39471b
96	13922	1.8	−42 35	8.1	8.4	Ko	8	..	39471b
97	13000	1.8	−45 25	10.6	11.3	Ko	1	..	39471b
98	9100	1.8	−56 54	*10.1*	11.1	Ko	1	..	39381b
99	7269	1.8	−60 12	7.47	7.6	B9	9	..	40463b
100	1472	1.8	−75 23	*9.4*	9.4	Ao	3	..	42526b

178000

19h 1m.9

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	1942	1.9	+57 18	7.9	*7.9*	Ao	5	..	38518i
2	3395	1.9	+36 47	8.2	*8.2*	Ao	4	..	38520i
3	3472	1.9	+29 46	6.62	*7.80*	K5	3	0,3	38501i
4	3907	1.9	+19 34	8.5	*8.5*	Ao	3	..	38511i
5	3729	1.9	+16 13	9.5	*10.5*	Ko	1	..	5555m
6	3906	1.9	+13 48	8.6	*8.6*	Ao	3	..	5555m
7	3905	1.9	+13 32	8.3	*9.4*	K2	4	2,1	5555m
8	3963	1.9	+ 7 51	9.5	*9.5*	Ao	5	..	23239b
9	3964	1.9	+ 7 32	9.8	*9.8*	Ao	6	0,1	23239b
10	4024	1.9	+ 6 28	9.3	*9.3*	Ao	2	..	14171b
11	4032	1.9	+ 5 5	8.26	*8.54*	Fo	7	..	14171b
12	4104	1.9	+ 0 44	10.5	*10.6*	A2	2	..	23253b
13	4860	1.9	− 2 21	9.6	*10.2*	Go	3	..	23253b
14	4877	1.9	− 5 3	8.30	*9.37*	K2	4	..	38112b
15	5002	1.9	− 9 8	9.3	*9.3*	B8	3	..	38112b
16	5000	1.9	− 9 34	8.7	*8.7*	Ao	7	0,2	38112b
17	5285	1.9	−12 19	9.3	*10.1*	G5	2	..	38064b
18	5290	1.9	−14 45	10.5	*10.5*	Ao	1	..	38064b
19	*5240*	1.9	−14 59	9.8	*10.8*	Ko	1	..	39391b
20	5239	1.9	−15 19	9.8	*10.4*	Go	2	..	38064b
21	13753	1.9	−25 45	10.1	8.9	Ao	6	..	40432b
22	12351	1.9	−50 56	9.0	9.7	G5	6	..	39661b
23	9267	1.9	−54 19	*9.9*	10.2	Fo	4	..	39661b
24	9008	1.9	−55 34	*9.8*	10.8	Ko	1	..	39381b
25	7587	1.9	−58 23	*9.5*	10.5	Ko	2	..	39381b
26	*763*	1.9	−81 58	*8.5*	9.7	K5	2	0,1	42793b
27	2611	2.0	+46 13	9.5	*9.5*	A	2	..	37348i
28	3319	2.0	+33 39	8.4	*9.4*	K	2	..	37845i
29	3473	2.0	+29 11	8.0	*9.0*	Ko	4	..	21597i
30	3186	2.0	+28 57	8.0	8.0	Ao	4	..	38501i
31	3187	2.0	+28 40	7.7	*8.9*	K5	3	..	21597i
32	*4047*	2.0	+21 1	8.4	*9.5*	K2	1	..	38511i
33	3731	2.0	+16 44	8.9	*9.9*	Ko	3	..	5555m
34	3733	2.0	+16 17	10.5	*10.5*	A	1	..	5555m
35	3734	2.0	+16 12	10.5	*10.5*	A	2	..	5555m
36	*3974*	2.0	+ 9 0	8.6	*8.6*	Ao	2	..	38537i
37	3653	2.0	− 0 49	9.8	*9.8*	Ao	3	..	23253b
38	3655	2.0	− 1 50	10.5	*11.6*	K2	2	..	23253b
39	4697	2.0	− 4 54	9.45	*9.43*	B9	2	..	38112b
40	4878	2.0	− 5 25	9.8	*9.8*	Ao	2	..	38112b
41	5004	2.0	− 9 20	10.0	*10.0*	B8	1	..	38112b
42	5291	2.0	−14 27	10.5	*11.9*	Ma	1	..	38064b
43	5482	2.0	−17 18	10.5	*10.5*	B9	1	..	39391b
44	5483	2.0	−17 39	9.6	*9.6*	B9	4	..	23765b
45	5400	2.0	−20 43	10.5	10.8	G5	2	..	23765b
46	*5262*	2.0	−20 58	9.3	9.5	Ao	5	..	23765b
47	5261	2.0	−21 51	8.7	8.3	F5	7	..	23765b
48	4985	2.0	−22 31	9.6	10.1	Go	4	..	23765b
49	13590	2.0	−27 0	7.02	8.1	G5	6	..	40432b
50	13592	2.0	−27 0	8.8	8.7	A3	5	..	40432b
51	15418	2.0	−28 11	10.8	9.8	A2	2	..	40432b
52	16684	2.0	−30 1	9.43	10.3	K2	1	..	40432b
53	*16379*	2.0	−30 58	9.6	10.6	Ma	..	..	M
54	13946	2.0	−33 50	9.3	9.2	F5	2	..	39273b
55	13347	2.0	−38 20	8.3	10.4	K5	1	3,1	40737b
56	13142	2.0	−43 3	10.3	10.9	Go	1	..	39471b
57	*13146*	2.0	−43 59	8.9	9.6	Ko	4	..	38141b
58	7271	2.0	−60 9	Cl.	Cl.	Con.	4	R	40463b
59	3977	2.0	−64 48	*8.9*	9.0	A5	4	..	42464b
60	3227	2.1	+41 16	8.8	*8.8*	B9	3	..	37348i
61	3975	2.1	+ 8 38	9.1	*10.1*	Ko	4	..	23239b
62	*4025*	2.1	+ 7 0	9.8	*11.2*	Mb	2	..	23239b
63	3893	2.1	+ 1 16	9.1	*9.1*	Ao	3	..	13424b
64	4107	2.1	+ 0 45	10.5	*10.9*	F5	3	..	23253b
65	4106	2.1	+ 0 30	6.44	*6.42*	B9	7	0,10	38560i
66	3656	2.1	− 1 32	10.5	*11.0*	F8	1	..	23253b
67	*4698*	2.1	− 3 58	9.8	*10.6*	G5	1	..	23253b
68	4879	2.1	− 5 5	9.6	*9.6*	Ao	2	..	38112b
69	5234	2.1	−13 12	8.7	*9.7*	Ko	3	..	38064b
70	5242	2.1	−15 17	8.6	*8.6*	B9	6	..	38064b
71	5158	2.1	−16 24	9.8	*9.8*	B9	4	..	39391b
72	5484	2.1	−17 21	9.8	*10.9*	K2	1	..	39391b
73	5213	2.1	−18 19	10.9	*10.9*	B9	2	..	39391b
74	15076	2.1	−23 20	9.8	9.3	A3	5	..	23765b
75	15041	2.1	−24 49	6.24	6.2	B9	..	..	**56**,144
76	16381	2.1	−31 8	7.5	8.0	G5	7	..	40432b
77	16382	2.1	−31 15	8.0	8.8	Ko	4	..	40432b
78	13953	2.1	−33 57	7.9	8.2	F5	6	R	39273b
79		2.1	−33 57			F5			
80	13230	2.1	−35 35	9.2	9.3	A5	5	..	40427b
81	13137	2.1	−39 49	9.9	9.6	Ao	3	..	40427b
82	9269	2.1	−54 18	8.9	9.7	G5	6	..	39661b
83	9268	2.1	−54 28	9.2	9.9	Go	5	..	39661b
84	7588	2.1	−58 15	8.4	9.0	Go	3	..	40463b
85	7272	2.1	−60 26	8.4	8.8	Go	3	..	40463b
86	6046	2.1	−62 7	*8.5*	9.6	K2	3	..	42464b
87	3189	2.1	−68 6	*8.0*	9.0	Ko	2	..	41442b
88	2961	2.1	−69 17	*9.5*	9.6	A5	4	..	20541b
89	712	2.2	+76 55	6.49	*6.77*	Fo	..	2,8	**56**,96
90	*3228*	2.2	+42 1	7.50	*8.68*	K5	4	..	37348i
91	3413	2.2	+30 17	8.2	*9.2*	Ko	1	..	38501i
92	3586	2.2	+22 34	8.6	*8.6*	B9	2	..	37848i
93	3736	2.2	+16 56	9.8	*9.8*	Ao	3	..	5555m
94	3692	2.2	+15 17	10.5	*10.5*	A	1	..	5555m
95	..	2.2	+15 14	..	..	A	1	..	5555m
96	3909	2.2	+13 24	8.7	*9.8*	K2	2	..	5555m
97	4881	2.2	− 5 24	8.7	*8.7*	B8	4	..	38112b
98	5040	2.2	− 6 52	8.7	*9.7*	Ko	3	..	38112b
99	4856	2.2	− 7 33	8.5	*9.7*	K5	2	..	38112b
100	4855	2.2	− 8 5	10.9	*10.9*	Ao	1	..	38112b

178100 **$19^h\,2^m.2$**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4875	2.2	−11 28	9.3	*9.3*	B9	1	..	38064b
2	5235	2.2	−13 26	9.1	*9.6*	F8	3	..	38064b
3	5159	2.2	−16 25	9.6	*9.6*	B9	5	..	39391b
4	5486	2.2	−17 5	10.5	*10.5*	Ao	2	..	39391b
5	5485	2.2	−17 36	10.2	*10.2*	A	3	..	23765b
6	5487	2.2	−17 49	9.6	*10.8*	K5	3	..	23765b
7	5264	2.2	−21 24	10.5	10.6	Go	2	..	23765b
8	*4986*	2.2	−21 57	8.9	10.4	Ma	4	..	23765b
9	13761	2.2	−25 31	8.8	9.2	G5	3	..	40432b
10	16384	2.2	−31 28	8.2	8.0	B9	5	..	40432b
11	13955	2.2	−33 31	8.6	9.2	Ko	4	..	39273b
12	13138	2.2	−39 11	8.9	9.2	Fo	3	..	40427b
13	13150	2.2	−44 23	8.0	8.5	F2	7	..	39471b
14	12836	2.2	−46 56	9.5	9.9	A2	3	..	41441b
15	12930	2.2	−48 37	9.3	10.0	Go	3	..	41441b
16	12525	2.2	−49 21	9.3	10.0	Ko	1	..	41441b
17	9480	2.2	−53 2	*10.4*	10.5	A3	3	..	39661b
18	7456	2.2	−59 0	9.0	10.5	Ko	2	..	39381b
19	1317	2.3	+64 12	7.9	*8.9*	Ko	2	..	37907i
20	3154	2.3	+43 10	9.6	*9.7*	A2	3	..	37348i
21	3590	2.3	+22 44	7.8	*8.8*	Ko	2	..	37848i
22	3737	2.3	+16 12	10.5	*10.6*	A3	2	..	5555m
23	3693	2.3	+15 48	8.3	*9.7*	Ma	3	..	5555m
24	3738	2.3	+11 17	9.3	*9.4*	A5	4	..	23239b
25	3787	2.3	+10 55	5.10	*5.05*	B8	..	R	**56**,96
26	3967	2.3	+ 7 30	9.5	*10.5*	Ko	5	0,1	23239b
27	3905	2.3	+ 3 45	8.5	*8.6*	A2	7	..	13424b
28	3904	2.3	+ 3 32	9.1	*9.2*	A2	4	..	13424b
29	3902	2.3	+ 3 17	8.0	*7.8*	B2	6	..	21770b
30	*3789*	2.3	+ 3 0	9.1	*10.2*	K2	2	..	13424b
31	3657	2.3	− 1 16	7.68	*9.03*	Ma	3	0,1	13464b
32	4484	2.3	− 3 4	9.6	*10.6*	Ko	1	..	23253b
33	4857	2.3	− 7 29	9.2	*9.8*	Go	4	..	38112b
34	4876	2.3	−11 17	9.8	*9.8*	B9	2	..	38064b
35	5288	2.3	−12 54	10.2	*10.8*	Go	2	..	38064b
36	5237	2.3	−13 12	10.5	*11.6*	K2	1	..	38064b
37	5236	2.3	−13 23	8.1	*8.1*	B9	7	..	38064b
38	5293	2.3	−14 18	10.5	*10.5*	B9	2	..	38064b
39	5294	2.3	−14 46	11.1	*11.1*	Ao	1	..	39391b
40	5243	2.3	−15 23	9.8	*10.4*	Go	2	..	38064b
41	..	2.3	−15 41	..	..	F8	1	..	39391b
42	5160	2.3	−16 13	10.5	*11.1*	Go	2	..	39391b
43	..	2.3	−17 3	..	..	Go	1	..	39391b
44	5214	2.3	−18 5	10.5	*11.0*	F8	2	..	39391b
45	5311	2.3	−19 4	10.2	9.8	Ao	4	..	23765b
46	13349	2.3	−41 25	7.9	9.2	Ma	5	..	39471b
47	13153	2.3	−44 0	11.0	11.3	F8	1	..	39471b
48	13152	2.3	−44 24	10.6	10.2	Ao	4	..	39471b
49	12933	2.3	−48 38	9.3	10.0	Go	4	..	41441b
50	12931	2.3	−48 50	8.0	8.8	Go	6	..	41441b
51	12355	2.3	−50 7	7.90	8.8	Fo	8	..	41441b
52	9102	2.3	−56 56	7.4	8.7	Ko	5	..	40463b
53	7457	2.3	−59 42	*9.3*	9.9	Go	2	..	39381b
54	1995	2.3	−73 0	*9.1*	9.1	Ao	4	..	42526b
55	800	2.4	+74 13	9.5	*10.3*	G5	1	..	38029i
56	1808	2.4	+61 57	7.02	*7.80*	G5	7	..	38518i
57	2336	2.4	+52 36	7.9	*9.1*	K5	1	..	38889i
58	2826	2.4	+48 57	8.5	*9.6*	K2	2	..	37348i
59	3430	2.4	+38 58	8.2	*9.4*	K5	1	..	38520i
60	3477	2.4	+35 44	8.0	*8.1*	A2	3	..	37845i
61	3739	2.4	+11 29	8.7	*9.2*	F8	6	..	23239b
62	3977	2.4	+ 8 12	9.09	*9.07*	B9	4	0,8	14171b
63	3969	2.4	+ 7 8	10.5	*10.5*	B9	2	..	23239b
64	..	2.4	+ 6 55	..	..	A5	4	..	23239b
65	*3979*	2.4	+ 5 4	7.55	*8.55*	Ko	3	..	38560i
66	3658	2.4	− 1 53	10.5	*10.5*	Ao	1	..	23253b
67	3659	2.4	− 1 54	9.3	*9.8*	F8	3	..	23253b
68	4864	2.4	− 2 40	9.3	*10.5*	K5	2	..	23253b
69	*4485*	2.4	− 2 59	8.3	*8.4*	A3	5	..	13464b
70	4699	2.4	− 4 30	9.1	*9.1*	Ao	2	..	38112b
71	4882	2.4	− 5 7	8.5	*9.5*	Ko	4	..	38112b
72	4877	2.4	−11 9	9.3	*9.3*	B9	3	..	38064b
73	5163	2.4	−16 46	9.3	*9.3*	Ao	6	..	39391b
74	5488	2.4	−17 23	8.9	*9.2*	Fo	8	..	39391b
75	5312	2.4	−19 27	5.41	*5.24*	B3	..	0,9	**56**,97
76	5309	2.4	−19 45	9.3	8.7	F2	6	..	23765b
77	5402	2.4	−20 27	9.3	10.4	Ko	2	..	23765b
78	4988	2.4	−22 49	10.9	10.7	Fo	2	..	23765b
79	13843	2.4	−26 38	8.2	8.9	G5	5	..	40432b
80	13235	2.4	−35 12	8.9	9.4	F5	4	..	40427b
81	13060	2.4	−37 2	8.6	9.4	A5	4	0,3	40427b
82	9270	2.4	−54 43	*9.9*	10.5	Go	3	..	39661b
83	9009	2.4	−55 18	*9.7*	10.5	G5	3	..	39661b
84	9010	2.4	−55 48	*10.0*	10.8	G5	1	..	39381b
85	9104	2.4	−56 40	*10.1*	10.5	F5	2	..	39381b
86	6346	2.4	−61 0	9.1	9.9	Fo	4	..	42464b
87	3640	2.5	+24 6	5.72	*5.86*	A5	10	..	37848i
88	3912	2.5	+13 13	8.5	*9.1*	Go	3	..	5555m
89	3970	2.5	+ 7 58	9.1	*10.3*	K5	2	..	23239b
90	*4035*	2.5	+ 6 0	7.11	*7.17*	A2	4	..	38537i
91	4858	2.5	− 7 0	10.0	*10.0*	Ao	2	..	38112b
92	4857	2.5	− 8 11	9.6	*10.7*	K2	1	..	38112b
93	5238	2.5	−13 24	10.7	*10.7*	B9	1	..	38064b
94	..	2.5	−17 45	..	..	B8	1	..	39391b
95	5404	2.5	−20 1	9.6	10.3	Go	3	..	23765b
96	R	2.5	−20 53	*10.4*	10.4	A	2	..	23765b
97	15049	2.5	−24 3	10.8	11.4	K5	2	..	23765b
98	13766	2.5	−25 25	9.8	10.4	K2	1	..	40432b
99	13601	2.5	−27 52	9.6	9.2	Fo	4	..	40432b
100	15429	2.5	−28 42	9.4	9.5	Ao	4	..	40432b

178200 — 19h 2m.5

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13958	2.5	−33 2	9.0	9.4	G5	3	..	39273b
2	13423	2.5	−34 11	9.9	9.3	F8	3	..	39273b
3	13349	2.5	−38 26	8.9	9.6	Go	3	..	40427b
4	13154	2.5	−44 6	10.6	11.2	Go	1	..	39471b
5	13155	2.5	−44 10	10.1	11.1	Ko	1	..	39471b
6	13156	2.5	−44 22	9.7	10.5	Ko	3	..	39471b
7	2178	2.6	+53 14	5.35	*5.35*	Ao	..	..	**56**,97
8	2929	2.6	+49 47	6.55	*7.73*	K5	4	..	37884i
9	3423	2.6	+34 16	8.4	*8.4*	Ao	3	..	37845i
10	3321	2.6	+32 10	8.0	*9.2*	K5	1	..	38501i
11	*3666*	2.6	+22 2	7.10	*7.38*	Fo	4	..	37848i
12	3740	2.6	+16 36	9.8	*10.4*	Go	2	..	5555m
13	3913	2.6	+13 51	9.3	*9.4*	A5	3	..	5555m
14	3979	2.6	+ 8 50	9.5	*10.3*	G5	2	..	23239b
15	..	2.6	+ 8 34	..	..	Ao	2	..	23239b
16	*3971*	2.6	+ 8 2	9.07	*9.63*	Go	6	0,1	23239b
17	4865	2.6	− 2 36	9.3	*10.7*	Ma	2	..	23253b
18	4859	2.6	− 8 0	6.96	*7.96*	Ko	8	..	38112b
19	4858	2.6	− 8 54	9.3	*9.3*	B9	3	..	38112b
20	5313	2.6	−19 51	11.1	10.7	Fo	2	..	23765b
21	5405	2.6	−20 26	10.2	10.6	A2	3	..	23765b
22	5266	2.6	−21 9	7.9	9.2	Ko	7	..	23765b
23	15050	2.6	−24 35	8.8	9.8	Ma	4	..	23765b
24	13770	2.6	−25 14	6.76	6.5	B9	10	..	40432b
25	15760	2.6	−29 0	10.3	9.5	Ao	2	..	40432b
26	13351	2.6	−41 24	10.8	10.1	Go	2	..	39471b
27	13008	2.6	−45 6	10.6	10.8	F5	1	..	39471b
28	12530	2.6	−49 29	8.6	9.4	K2	4	..	41441b
29	9482	2.6	−53 40	*10.3*	10.8	F8	3	..	39661b
30	9106	2.6	−56 12	*9.7*	10.2	F8	2	..	39381b
31	9105	2.6	−56 21	8.0	9.0	K2	4	..	40463b
32	2144	2.7	+55 6	8.76	*9.18*	F5	2	..	38889i
33	3193	2.7	+28 28	5.46	*5.60*	A5	9	..	38501i
34	3562	2.7	+23 40	7.7	*8.7*	Ko	3	..	37848i
35	3741	2.7	+16 55	8.4	*8.4*	Ao	3	2,7	37202i
36	3741	2.7	+11 28	8.9	*8.9*	Ao	8	..	23239b
37	3789	2.7	+10 36	10.5	*10.5*	Ao	3	..	23239b
38	3972	2.7	+ 7 21	10.5	*11.1*	Go	2	..	23239b
39	3791	2.7	+ 2 7	8.5	*8.5*	B8	4	..	13424b
40	3898	2.7	+ 1 38	7.82	*7.88*	A2	7	..	13424b
41	3896	2.7	+ 1 4	8.84	*8.92*	A3	4	..	23253b
42	3661	2.7	− 1 11	9.5	*9.5*	B9	2	..	23253b
43	4486	2.7	− 3 13	8.7	*8.7*	Ao	4	..	13464b
44	4702	2.7	− 4 7	9.8	*10.6*	G5	1	..	23253b
45	4701	2.7	− 4 44	9.6	*10.6*	Ko	1	..	38112b
46	*5296*	2.7	−13 57	9.2	*9.2*	B9	5	..	38064b
47	5244	2.7	−15 14	10.5	*11.0*	F8	2	..	39391b
48	5406	2.7	−20 5	10.9	10.8	Ao	2	..	23765b
49	5267	2.7	−21 24	8.9	9.0	Ao	6	..	23765b
50	15088	2.7	−23 21	6.54	7.7	G5	4	..	10085b
51	15432	2.7	−28 54	7.8	8.9	Ko	7	..	40432b
52	16697	2.7	−30 47	7.6	7.6	Ao	7	..	40432b
53	13350	2.7	−38 4	4.12	*4.18*	A2	..	R	**28**,214
54	*13074*	2.7	−39 59	6.42	7.3	Ko	..	0,8	**28**,214
55	12358	2.7	−50 38	8.7	9.4	A3	6	..	41441b
56	6347	2.7	−61 8	*9.5*	10.5	Ko	1	..	42464b
57	3617	2.7	−67 15	*9.0*	9.3	Fo	2	..	41442b
58	3616	2.7	−67 45	*9.5*	9.5	Ao	3	..	41442b
59	*1011*	2.7	−78 59	*8.6*	9.2	Go	4	..	42793b
60	2615	2.8	+46 17	8.6	*8.6*	Ao	4	..	37348i
61	3742	2.8	+16 54	9.0	*10.0*	Ko	3	..	5555m
62	3786	2.8	+14 7	10.5	*11.6*	K2	2	..	5555m
63	3811	2.8	+12 28	8.1	*8.1*	A	2	..	37202i
64	3743	2.8	+11 30	9.3	*9.4*	A3	4	..	23239b
65	4026	2.8	+ 6 50	7.06	*7.34*	Fo	5	..	38537b
66	3662	2.8	− 1 25	8.1	*9.3*	K5	3	..	13464b
67	5009	2.8	− 9 4	9.3	*10.1*	G5	2	..	38112b
68	5241	2.8	−13 7	7.48	*8.48*	Ko	7	..	38064b
69	5165	2.8	−16 2	8.1	*8.1*	B9	6	..	38064b
70	5316	2.8	−19 42	10.5	10.6	Ao	2	..	23765b
71	15092	2.8	−23 37	9.8	10.3	F8	4	..	23765b
72	13429	2.8	−34 39	7.24	9.0	K2	5	..	39273b
73	9107	2.8	−56 34	9.2	10.2	K2	2	..	40463b
74	*1319*	2.8	−75 58	6.78	7.1	A2	10	..	42526b
75	802	2.9	+74 54	8.62	*9.40*	G5	2	..	38029b
76	3452	2.9	+26 18	8.4	*9.4*	Ko	2	..	37848i
77	3594	2.9	+22 25	7.24	*7.52*	Fo	5	..	37848i
78	3744	2.9	+16 56	10.1	*10.5*	F5	2	..	5555m
79	3746	2.9	+16 21	9.8	*10.9*	K2	1	..	5555m
80	3973	2.9	+ 7 39	10.5	*10.5*	Ao	1	..	23239b
81	3982	2.9	+ 4 25	9.1	*10.1*	Ko	1	..	21770b
82	3908	2.9	+ 3 37	8.9	*10.0*	K2	2	..	13424b
83	3655	2.9	− 0 21	10.5	*10.9*	F5	2	..	23253b
84	3663	2.9	− 1 5	9.5	*9.9*	F5	3	..	23253b
85	4489	2.9	− 3 41	8.7	*9.3*	Go	3	..	23253b
86	4884	2.9	− 5 29	7.9	*8.0*	A3	7	..	38112b
87	4861	2.9	− 7 36	8.1	*8.9*	G5	6	..	38112b
88	4879	2.9	−11 21	8.7	*9.3*	Go	3	..	38064b
89	5490	2.9	−17 35	10.7	*11.3*	Go	2	..	39391b
90	*5319*	2.9	−18 58	10.0	10.7	Ko	2	..	23765b
91	5317	2.9	−19 7	6.70	8.1	Ko	8	..	23765b
92	5407	2.9	−20 22	9.1	9.6	F5	4	..	23765b
93	5268	2.9	−21 3	9.3	10.6	G5	3	..	23765b
94	15093	2.9	−23 55	10.3	10.6	Go	3	..	23765b
95	13771	2.9	−25 40	9.3	9.2	Ao	3	..	40432b
96	13610	2.9	−27 23	9.6	9.2	F8	3	..	40432b
97	13432	2.9	−34 9	9.9	9.1	A2	4	..	39273b
98	13430	2.9	−34 28	8.6	9.9	K2	2	..	39273b
99	13355	2.9	−36 20	6.58	6.5	B9	9	..	40427b
100	13079	2.9	−40 6	9.02	9.0	Ao	4	..	40427b

178300 — 19h 2m.9

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	9108	2.9	−56 10	*9.9*	10.5	Go	2	..	39381b
2	9333	2.9	−57 10	*10.3*	10.8	F8	3	..	39381b
3	1022	3.0	+69 19	8.8	*9.8*	Ko	2	..	38029i
4	1040	3.0	+68 10	6.94	*7.00*	A2	8	..	37907i
5	2758	3.0	+47 39	8.8	*8.8*	A	2	..	37348i
6	3435	3.0	+38 12	8.5	*8.6*	A3	3	..	38520i
7	3341	3.0	+37 14	7.39	*8.39*	Ko	4	..	38520i
8	3248	3.0	+27 36	8.7	*8.7*	A	2	..	38501i
9	3788	3.0	+14 54	10.5	*10.5*	A	1	..	5555m
10	3981	3.0	+ 8 18	9.5	*10.5*	Ko	2	..	23239b
11	3794	3.0	+ 2 12	9.5	*9.8*	Fo	3	..	13424b
12	4112	3.0	+ 0 7	9.5	*9.9*	F5	4	..	23253b
13	4868	3.0	− 2 37	9.3	*10.5*	K5	1	..	23253b
14	4881	3.0	−11 39	9.2	*10.0*	G5	2	..	38064b
15	*5167*	3.0	−15 56	10.5	*10.5*	Ao	2	..	39391b
16	5492	3.0	−17 26	10.6	..	Ro	1	..	39391b
17	5491	3.0	−17 27	10.2	*10.7*	F8	4	..	39391b
18	5218	3.0	−18 5	10.5	*10.8*	Fo	2	..	39391b
19	5320	3.0	−19 25	10.0	10.6	F5	3	..	23765b
20	*5408*	3.0	−19 58	8.38	9.3	Ko	5	..	23765b
21	16699	3.0	−30 48	9.1	9.5	Ko	2	..	40432b
22	13933	3.0	−42 3	5.86	5.5	B5	..	..	**28**,214
23	12844	3.0	−46 30	9.9	10.2	Go	2	..	39471b
24	12360	3.0	−50 29	9.0	10.0	Ko	2	..	41441b
25	9335	3.0	−57 25	*9.9*	10.5	Go	2	..	39381b
26	1319	3.1	+65 26	7.15	*8.15*	Ko	3	..	37907i
27	2932	3.1	+49 10	7.9	*8.0*	A5	4	..	37348i
28	2831	3.1	+45 39	8.7	*9.5*	G5	1	..	37348i
29	3232	3.1	+41 16	6.15	*5.98*	B3	9	0,9	38520i
30	4055	3.1	+20 17	7.45	*8.45*	Ko	2	..	38523i
31	3747	3.1	+16 8	7.6	*8.6*	Ko	3	0,8	37202i
32	3696	3.1	+15 21	8.3	*8.8*	F8	6	7,3 R	5555m
33	3697	3.1	+15 19	9.8	*9.8*	B9	2	..	5555m
34	3789	3.1	+14 21	10.5	*10.6*	A3	1	..	5555m
35	3914	3.1	+13 41	8.9	*9.4*	F8	3	..	5555m
36	*3813*	3.1	+13 0	8.6	*8.7*	A3	4	..	23239b
37	3909	3.1	+ 3 38	9.1	*10.2*	K2	1	..	13424b
38	4862	3.1	− 7 46	9.3	*10.1*	G5	2	..	38112b
39	5297	3.1	−14 38	9.3	*10.1*	G5	3	..	38064b
40	5493	3.1	−17 41	8.2	*9.2*	Ko	6	..	23765b
41	5219	3.1	−18 51	7.9	*8.2*	Fo	8	..	23765b
42	4990	3.1	−22 13	10.0	10.6	F8	3	..	23765b
43	13774	3.1	−25 16	9.4	9.8	K2	1	..	40432b
44	13861	3.1	−26 1	9.6	10.4	K2	1	..	40432b
45	13146	3.1	−39 30	4.16	6.2	G5	..	5, R	**28**,214
46	13012	3.1	−45 51	8.9	9.9	G5	4	..	41441b
47	12843	3.1	−46 58	9.7	10.5	A2	1	..	39471b
48	12361	3.1	−50 30	8.4	9.5	Ma	3	..	41441b
49	9109	3.1	−56 28	7.3	8.8	K5	4	..	40463b
50	2347	3.1	−72 45	*9.4*	9.4	Ao	3	..	42526b
51	*3157*	3.2	+44 1	8.1	*9.1*	Ko	3	..	37348i
52	3480	3.2	+35 58	7.31	*8.31*	Ko	2	..	37845i
53	3324	3.2	+33 29	8.0	*8.4*	F5	3	..	37845i
54	3726	3.2	+25 49	8.6	*8.7*	A2	1	..	38511i
55	3643	3.2	+24 22	8.7	*8.8*	A2	2	..	37848i
56	3958	3.2	+18 23	7.18	*7.24*	A2	5	2,6	38511i
57	3698	3.2	+15 55	7.9	*8.9*	Ko	3	0,7	37202i
58	3911	3.2	+ 3 22	9.3	*10.1*	G5	3	..	21770b
59	3899	3.2	+ 1 9	var.	var.	G5	4	0,7 R	38492i
60	3656	3.2	− 0 42	9.8	*10.2*	F5	2	..	23253b
61	4969	3.2	−10 16	8.9	*9.0*	A2	4	..	38112b
62	5168	3.2	−16 16	10.9	*11.5*	Go	1	..	39391b
63	5169	3.2	−16 23	9.1	*9.4*	Fo	6	..	39391b
64	5221	3.2	−18 29	10.0	*10.1*	A2	4	..	23765b
65	5409	3.2	−20 10	8.1	9.0	G5	6	..	23765b
66	5410	3.2	−20 20	9.3	10.6	Ko	3	..	23765b
67	15101	3.2	−23 40	11.3	10.7	A	2	..	23765b
68	15060	3.2	−24 35	10.3	9.8	F5	4	..	23765b
69	15437	3.2	−28 43	9.0	9.8	K2	1	..	40432b
70	14907	3.2	−32 5	9.0	9.2	B5	4	..	40432b
71	13359	3.2	−36 31	8.9	10.2	G5	2	..	40427b
72	9015	3.2	−55 5	9.02	9.0	Ao	3	..	40463b
73	9110	3.2	−56 52	8.9	9.7	Go	5	..	39381b
74	3778	3.2	−65 19	*8.9*	8.9	B8	3	..	41442b
75	2832	3.3	+45 39	8.7	*8.8*	A2	4	..	37348i
76	3593	3.3	+40 35	9.2	*10.6*	Ma	..	..	M
77	3564	3.3	+23 45	8.8	*8.9*	A5	2	..	37848i
78	3750	3.3	+16 5	7.8	*9.0*	K5	6	3,2	5555m
79	3790	3.3	+14 31	8.5	*9.5*	Ko	4	..	5555m
80	3791	3.3	+14 17	10.1	*10.4*	F	1	..	5555m
81	4027	3.3	+ 6 55	10.1	*10.2*	A2	3	..	23239b
82	4490	3.3	− 3 8	10.0	*10.3*	F2	1	..	23253b
83	4863	3.3	− 7 7	8.5	*8.5*	Ao	7	..	38112b
84	5013	3.3	− 9 28	8.6	*8.9*	Fo	3	..	38112b
85	5012	3.3	− 9 43	10.5	*10.5*	Ao	1	..	38112b
86	5247	3.3	−15 26	9.3	*10.5*	K5	2	..	38064b
87	5246	3.3	−15 55	9.6	*9.7*	A2	2	..	39391b
88	5222	3.3	−18 39	9.3	*9.3*	B8	8	..	23765b
89	15103	3.3	−23 40	8.6	9.8	K5	3	..	23765b
90	15061	3.3	−24 44	10.5	10.4	G5	2	..	23765b
91	14908	3.3	−32 26	9.3	8.8	A5	5	..	40432b
92	13436	3.3	−34 41	9.9	10.2	G5	2	..	23725b
93	*13071*	3.3	−36 59	9.2	10.2	Ko	1	..	40427b
94	13147	3.3	−39 35	9.5	9.8	F8	2	..	40427b
95	13943	3.3	−42 54	9.5	10.4	Ko	3	..	39471b
96	13164	3.3	−44 12	11.0	10.8	Fo	2	..	39471b
97	12772	3.3	−47 13	9.5	10.7	K5	1	..	41441b
98	2618	3.4	+46 37	9.1	*9.5*	F5	3	..	37348i
99	3234	3.4	+41 22	8.5	*8.5*	B9	3	..	37348i
100	3323	3.4	+32 5	8.5	*8.6*	A3	2	..	37845i

178400 — 19h 3m.4

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3201	3.4	+28 25	9.2	*10.6*	Ma	..	..	M
2	3918	3.4	+19 31	9.0	*9.8*	G5	1	..	38511i
3	3793	3.4	+10 16	9.3	*9.9*	Go	1	..	14171b
4	3992	3.4	+ 9 25	7.52	*7.86*	F2	4	0,8	38537i
5	3984	3.4	+ 8 46	9.1	*9.1*	B9	4	..	14171b
6	3985	3.4	+ 8 27	10.5	*11.3*	G5	1	..	23239b
7	3912	3.4	+ 3 8	10.5	*10.6*	A2	2	3,3	13424b
8	4864	3.4	− 7 38	8.7	*8.8*	A5	7	..	38112b
9	4865	3.4	− 7 47	8.3	*8.3*	Ao	9	..	38112b
10	5014	3.4	− 9 42	9.8	*10.6*	G5	1	..	38112b
11	5246	3.4	−13 1	8.7	*9.0*	Fo	6	..	38064b
12	5302	3.4	−14 4	9.6	*9.7*	A3	3	..	38064b
13	5301	3.4	−14 24	9.2	*9.2*	B8	4	..	38064b
14	5300	3.4	−14 52	10.2	*10.2*	Ao	2	..	38064b
15	5249	3.4	−15 5	10.0	*10.8*	G5	2	..	38064b
16	R	3.4	−19 23	*10.2*	10.8	G	1	..	23765b
17	5271	3.4	−21 19	9.6	10.6	Ko	2	..	23765b
18	4991	3.4	−22 45	10.2	10.6	F8	3	..	23765b
19	15105	3.4	−23 47	11.0	11.0	G	1	..	23765b
20	15064	3.4	−24 1	11.3	10.7	Fo	2	..	23765b
21	13778	3.4	−25 39	10.1	9.8	G5	1	..	40432b
22	13970	3.4	−33 0	9.9	9.4	A2	5	..	23725b
23	13946	3.4	−42 27	9.1	9.2	A5	5	..	39471b
24	13159	3.4	−43 19	10.1	11.1	F5	2	..	39471b
25	12942	3.4	−48 57	8.9	9.7	G5	4	..	41441b
26	3919	3.5	+19 42	7.70	*7.78*	A3	2	..	38523i
27	3867	3.5	+17 35	8.0	*9.0*	Ko	2	..	37202i
28	3752	3.5	+16 43	5.99	*6.77*	G5	8	..	37202i
29	3744	3.5	+11 25	10.1	*10.2*	A2	5	..	23239b
30	3745	3.5	+11 20	10.5	*10.8*	Fo	3	..	23239b
31	3986	3.5	+ 8 50	7.7	*8.7*	Ko	4	..	14171b
32	3796	3.5	+ 2 21	9.3	*9.3*	B9	2	..	13424b
33	3657	3.5	− 0 10	10.5	*11.0*	F8	1	..	23253b
34	*5015*	3.5	− 8 58	8.1	*8.2*	A2	6	..	38112b
35	5226	3.5	−18 17	10.5	*10.5*	Ao	2	..	39391b
36	5224	3.5	−18 30	10.5	*11.5*	Ko	2	2,1	23765b
37	5225	3.5	−18 37	10.2	*10.3*	A2	4	..	23765b
38	4992	3.5	−22 32	8.8	9.2	Ko	5	..	23765b
39	15106	3.5	−23 21	7.9	7.7	Ao	9	..	23765b
40	13151	3.5	−39 21	9.7	9.8	K2	2	..	40427b
41	13089	3.5	−40 30	9.7	10.7	K2	2	..	39471b
42	13088	3.5	−40 46	9.0	9.8	K2	4	3,2	39471b
43	13162	3.5	−43 26	9.9	10.7	F8	2	..	39471b
44	12847	3.5	−46 46	10.1	10.4	A5	2	..	41441b
45	12773	3.5	−47 18	9.7	10.8	K5	1	..	41441b
46	*12364*	3.5	−49 58	8.82	9.4	Ao	6	..	41441b
47	11378	3.5	−52 14	*10.5*	10.6	A2	1	..	39661b
48	1321	3.6	+64 54	8.6	*9.6*	Ko	2	..	38067i
49	3326	3.6	+32 21	5.04	*5.32*	Fo	..	2,10	56,97
50	3425	3.6	+30 5	8.06	*8.84*	G5	2	..	38501i
51	3793	3.6	+14 40	10.5	*10.5*	A	1	..	5555m
52	3818	3.6	+12 6	7.50	*8.28*	G5	3	R	41711b
53		3.6	+12 6			A2			
54	3794	3.6	+10 13	8.42	*8.70*	Fo	5	..	14171b
55	4028	3.6	+ 6 20	9.8	*10.4*	Go	5	..	23239b
56	3987	3.6	+ 4 58	8.70	*9.88*	K5	1	..	21770b
57	3666	3.6	− 1 29	9.8	*10.3*	F8	4	..	23253b
58	5044	3.6	− 6 12	10.0	*10.0*	B9	1	..	38112b
59	4867	3.6	− 7 10	7.9	*8.7*	G5	7	..	38112b
60	4866	3.6	− 7 21	8.9	*9.7*	G5	3	..	38112b
61	4971	3.6	−10 0	8.26	*8.21*	B8	6	..	38112b
62	5250	3.6	−15 42	9.2	*9.2*	Ao	3	..	38064b
63	*5171*	3.6	−15 59	8.7	*9.5*	G5	4	..	38064b
64	5495	3.6	−17 3	7.9	*8.7*	G5	5	5,8	38064b
65	R	3.6	−19 14	*10.7*	10.7	Ao	2	..	23765b
66	5323	3.6	−19 34	8.7	7.7	Ao	8	..	23765b
67	5411	3.6	−20 8	10.6	10.4	Ao	3	..	23765b
68	13866	3.6	−26 22	10.3	10.3	Ao	2	..	40432b
69	13620	3.6	−27 17	6.79	7.7	Ko	6	..	40432b
70	11380	3.6	−52 7	8.8	9.8	G5	5	..	39661b
71	3619	3.6	−67 53	*8.7*	9.7	Ko	1	..	41442b
72	1154	3.7	+66 16	7.9	*8.0*	A3	3	..	37907i
73	*1322*	3.7	+65 3	7.75	*8.75*	Ko	5	..	38067i
74	3236	3.7	+41 27	8.7	*9.1*	F5	2	..	37348i
75	3485	3.7	+35 57	5.13	*5.01*	B5	..	4, R	56,97
76	3672	3.7	+21 32	6.16	*6.50*	F2	7	..	37848i
77	3701	3.7	+15 10	8.89	*9.89*	Ko	3	..	5555m
78	3795	3.7	+14 52	8.4	*9.2*	G5	6	0,2	5555m
79	3987	3.7	+ 8 58	8.6	*8.6*	B9	3	..	14171b
80	4029	3.7	+ 6 32	9.8	*9.8*	B9	5	..	23239b
81	3903	3.7	+ 1 40	9.3	*10.4*	K2	2	..	21770b
82	..	3.7	+ 0 38	..	..	Go	1	..	23253b
83	4113	3.7	+ 0 10	10.5	*10.8*	Fo	2	..	23253b
84	4872	3.7	− 2 27	6.79	*7.79*	Ko	7	0,4	13464b
85	4492	3.7	− 3 19	9.6	*10.8*	K5	1	..	23253b
86	5045	3.7	− 6 25	9.6	*10.6*	Ko	1	..	38112b
87	4972	3.7	−10 22	8.7	*8.5*	Bo	5	..	38112b
88	4882	3.7	−11 30	9.3	*9.9*	Go	1	..	38064b
89	5292	3.7	−12 3	9.6	*10.2*	Go	2	..	38064b
90	5247	3.7	−13 12	10.5	*11.0*	F8	2	..	38064b
91	5248	3.7	−13 28	10.0	*11.4*	Ma	..	..	M
92	5249	3.7	−13 37	7.13	*8.13*	Ko	9	..	38064b
93	5305	3.7	−14 32	10.2	*11.0*	G5	1	..	38064b
94	5227	3.7	−18 53	9.8	*11.0*	K5	3	..	23765b
95	5324	3.7	−19 8	9.3	8.9	Ao	7	..	23765b
96	5273	3.7	−21 38	8.7	8.9	Go	7	..	23765b
97	15072	3.7	−24 20	9.6	10.3	Ko	2	..	23765b
98	15071	3.7	−24 33	10.5	10.3	G5	2	..	23765b
99	15070	3.7	−24 55	11.0	9.5	Ao	4	..	23765b
100	13869	3.7	−26 34	9.8	9.5	Ao	3	..	40432b

178500 — 19h 3m.7

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13865	3.7	−26 42	8.6	8.0	Ao	5	..	40432b
2	13868	3.7	−26 49	8.2	9.2	K5	3	..	40432b
3	13974	3.7	−33 44	10.6	10.6	G5	1	..	23725b
4	13951	3.7	−42 9	9.7	10.1	Ko	2	..	39471b
5	3780	3.7	−65 26	*9.3*	9.3	Ao	2	..	41442b
6	601	3.7	−84 34	*8.7*	9.1	F5	4	..	14161b
7	2829	3.8	+48 14	8.5	*8.5*	Ao	3	..	37348i
8	2620	3.8	+46 20	9.0	*9.1*	A2	3	..	37348i
9	3248	3.8	+42 31	8.9	*9.3*	F5	2	..	37348i
10	3916	3.8	+13 36	9.8	*9.8*	B9	2	..	5555m
11	3915	3.8	+13 30	9.8	*10.3*	F8	2	..	5555m
12	3819	3.8	+12 57	6.97	*6.92*	B8	7	..	37202i
13	4115	3.8	+ 0 45	10.5	*10.5*	B9	1	..	23253b
14	3658	3.8	− 0 53	10.1	*11.1*	Ko	1	..	23253b
15	4494	3.8	− 3 30	8.9	*8.9*	B9	3	..	23253b
16	4863	3.8	− 8 22	10.5	*10.6*	A2	1	..	38112b
17	4883	3.8	−11 14	10.2	*10.2*	B9	1	..	38064b
18	5294	3.8	−12 15	9.1	*10.1*	Ko	2	..	38064b
19	5250	3.8	−13 14	10.5	*10.5*	B9	2	..	38064b
20	R	3.8	−19 28	*10.8*	10.8	A	2	..	23765b
21	5413	3.8	−20 12	8.1	8.3	Ao	8	..	23765b
22	5414	3.8	−20 34	9.1	9.3	Ko	3	..	23765b
23	5412	3.8	−20 52	10.0	10.7	F5	2	..	23765b
24	5275	3.8	−21 11	3.02	*3.36*	F2	..	R	**28**,214
25	5274	3.8	−21 35	9.8	10.3	K5	2	..	23765b
26	15111	3.8	−23 13	10.3	10.7	G	1	..	23765b
27	15075	3.8	−24 46	10.3	10.1	Ko	3	..	23765b
28	15786	3.8	−29 16	10.3	9.7	Go	1	..	40432b
29	13076	3.8	−37 31	9.3	9.6	Ao	3	..	40427b
30	13014	3.8	−45 10	9.1	9.7	F2	6	..	39471b
31	12774	3.8	−47 46	7.7	9.3	K2	4	..	41441b
32	11961	3.8	−51 48	9.9	10.3	Go	2	..	39661b
33	9484	3.8	−53 29	8.7	9.4	Go	5	..	39661b
34	3979	3.8	−64 3	*8.0*	8.1	A2	6	..	41442b
35	2192	3.9	+56 42	8.1	*9.1*	Ko	3	..	38518i
36	3159	3.9	+43 40	8.7	*9.2*	F8	2	..	37348i
37	3406	3.9	+36 6	8.2	*8.3*	A2	2	..	38520i
38	3431	3.9	+34 14	7.18	*7.46*	Fo	6	..	37845i
39	3733	3.9	+25 51	7.26	*8.26*	Ko	4	..	37848i
40	3650	3.9	+24 34	6.66	*6.54*	B5	7	..	37848i
41	3674	3.9	+21 37	7.7	*8.8*	K2	2	..	38511i
42	3755	3.9	+16 50	9.5	*9.9*	F5	3	..	5555m
43	3796	3.9	+10 14	9.5	*10.5*	Ko	2	..	23239b
44	3975	3.9	+ 7 18	10.5	*10.6*	A2	1	..	23239b
45	3659	3.9	− 0 20	9.8	*9.9*	A3	3	..	23253b
46	4889	3.9	− 5 0	10.15	*10.71*	Go	1	..	23253b
47	4888	3.9	− 5 18	8.7	*9.0*	Fo	4	..	38112b
48	5046	3.9	− 6 13	8.7	*8.8*	A2	6	..	38112b
49	4868	3.9	− 7 7	10.0	*10.0*	Ao	3	..	38112b
50	5307	3.9	−14 45	9.3	*10.4*	K2	1	..	38064b
51	5251	3.9	−15 25	10.5	*11.5*	Ko	2	..	39391b
52	..	3.9	−15 30	..	..	Ao	2	..	39391b
53	5175	3.9	−16 4	10.0	*10.0*	Ao	2	..	38064b
54	5228	3.9	−18 50	9.8	*10.6*	G5	5	..	23765b
55	*5415*	3.9	−19 58	6.33	7.3	Ko	10	..	23765b
56	15452	3.9	−28 5	9.8	10.3	Go	1	..	40432b
57	13358	3.9	−38 36	8.9	10.1	K2	2	..	40427b
58	13155	3.9	−39 5	7.9	7.4	F5	7	..	40427b
59	13364	3.9	−41 33	9.9	10.7	Ko	2	..	39471b
60	13169	3.9	−44 43	10.3	11.1	G5	2	..	39471b
61	9114	3.9	−56 47	8.9	10.2	G5	3	..	39381b
62	7460	3.9	−59 4	9.0	9.6	F5	5	..	39381b
63	3621	3.9	−67 37	7.44	7.1	A2	..	2,8	**56**,144
64	547	4.0	+83 46	6.81	*6.87*	A2	10	..	37294i
65	3407	4.0	+36 58	8.6	*8.6*	Ao	1	..	38520i
66	*3757*	4.0	+17 0	9.8	*9.9*	A5	2	..	5555m
67	3703	4.0	+15 56	9.8	*9.8*	Ao	2	..	5555m
68	3797	4.0	+14 17	6.74	*6.72*	B9	9	..	37202i
69	*3820*	4.0	+13 2	8.9	*8.9*	Ao	4	..	23239b
70	3998	4.0	+ 9 12	8.3	*9.4*	K2	2	..	14171b
71	3976	4.0	+ 7 49	9.5	*10.6*	K2	1	..	23239b
72	4031	4.0	+ 6 17	10.1	*11.2*	K2	1	..	23239b
73	3906	4.0	+ 1 32	10.5	*10.5*	Ao	2	..	21770b
74	3905	4.0	+ 1 12	7.44	*7.86*	F5	7	0,2	13464b
75	3668	4.0	− 1 52	9.32	*9.27*	B8	4	..	23253b
76	4869	4.0	− 7 4	8.3	*8.7*	F5	9	..	38112b
77	4885	4.0	−11 3	9.3	*10.4*	K2	1	..	38064b
78	5229	4.0	−18 4	9.6	*10.2*	G	2	..	23765b
79	*5325*	4.0	−18 57	10.2	*10.3*	A5	3	..	23765b
80	5416	4.0	−20 37	9.2	10.1	K2	3	..	23765b
81	15113	4.0	−23 40	11.5	11.2	F5	1	..	23765b
82	15789	4.0	−29 2	9.8	9.7	Go	3	..	40432b
83	13979	4.0	−33 6	9.3	9.8	Ko	4	..	23725b
84	13447	4.0	−34 28	9.3	9.4	A2	4	..	23725b
85	12853	4.0	−46 14	9.1	10.5	K5	1	..	41441b
86	9487	4.0	−53 4	9.2	9.4	F5	5	..	39661b
87	7589	4.0	−58 2	*10.4*	10.8	F5	1	..	39381b
88	603	4.1	+80 48	8.3	*8.4*	A3	3	..	37294i
89	803	4.1	+74 39	9.3	*10.1*	G5	1	..	38029i
90	1323	4.1	+64 43	8.7	*9.7*	Ko	1	..	38067i
91	3596	4.1	+40 54	6.94	*6.82*	B5	7	..	37348i
92	3483	4.1	+29 38	8.0	*8.0*	Ao	3	..	38501i
93	3735	4.1	+25 13	7.56	*8.06*	F8	4	..	38511i
94	3917	4.1	+13 50	9.3	*9.3*	Ao	2	..	5555m
95	3797	4.1	+10 25	9.5	*10.1*	Go	4	..	23239b
96	4040	4.1	+ 5 55	5.37	*5.71*	F2	10	..	38560i
97	3916	4.1	+ 3 25	8.9	*8.9*	B8	5	..	21770b
98	4870	4.1	− 7 8	9.6	*9.6*	B8	3	..	38112b
99	*5295*	4.1	−11 57	9.1	*9.9*	G5	5	..	38064b
100	5297	4.1	−12 24	10.7	*10.7*	Ao	3	R	38064b

178600 — 19h 4m.1

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5177	4.1	−16 29	10.2	*11.3*	K2	1	..	39391b
2	5498	4.1	−17 53	10.5	*10.5*	Ao	2	..	23765b
3	5417	4.1	−20 31	10.9	10.7	Ao	3	..	23765b
4	15079	4.1	−24 22	10.5	9.8	Ao	3	..	23765b
5	13874	4.1	−26 37	8.4	9.2	Ko	3	..	40432b
6	16718	4.1	−30 10	6.60	7.2	F5	9	..	40432b
7	*13092*	4.1	−39 59	9.2	9.5	Go	3	..	40427b
8	13020	4.1	−45 30	11.0	11.1	G5	1	..	39471b
9	9115	4.1	−56 54	*9.9*	10.5	Go	2	..	39381b
10	7590	4.1	−58 2	*10.1*	10.5	F5	1	..	39381b
11	7461	4.1	−59 51	8.62	9.0	F8	5	..	39381b
12	2830	4.2	+48 46	7.34	*8.52*	K5	4	..	37348i
13	3066	4.2	+44 41	8.2	*8.8*	Go	5	..	37348i
14	3065	4.2	+44 18	8.7	*9.1*	F5	4	..	37348i
15	3160	4.2	+43 10	7.31	*7.65*	F2	7	..	37348i
16	3429	4.2	+30 28	7.66	*8.84*	K5	1	..	38501i
17	3458	4.2	+26 56	8.0	*8.0*	Ao	3	..	38511i
18	3736	4.2	+25 46	8.7	*8.7*	Ao	1	..	38511i
19	3758	4.2	+16 42	6.46	*6.88*	F5	7	0,9	37202i
20	3798	4.2	+10 32	10.1	*11.1*	Ko	3	..	23239b
21	4043	4.2	+ 5 12	8.86	*9.42*	Go	3	..	14171b
22	5020	4.2	− 9 28	8.8	*9.6*	G5	3	..	38112b
23	5178	4.2	−16 48	8.8	*8.9*	A5	4	2,3-	45435b
24	..	4.2	−17 10	..	..	A3	1	..	39391b
25	15117	4.2	−23 15	9.8	9.2	A2	3	..	23765b
26	15459	4.2	−28 10	10.5	9.8	A5	2	..	40432b
27	13980	4.2	−33 44	9.3	11.0	Ko	1	..	23725b
28	13156	4.2	−39 10	6.24	6.5	B8	..	0,10	28,214
29	13958	4.2	−42 38	10.6	10.7	F8	1	..	39471b
30	7591	4.2	−58 26	8.0	9.1	G5	5	..	40463b
31	6350	4.2	−61 1	8.9	10.2	K5	2	..	42464b
32	4489	4.2	−63 5	6.71	7.7	Ko	7	..	42464b
33	1325	4.3	+64 52	8.9	*9.0*	A3	3	..	38067i
34	1947	4.3	+59 8	7.46	*7.52*	A2	8	..	38518i
35	3704	4.3	+15 32	8.6	*9.7*	K2	3	..	5555m
36	3821	4.3	+12 38	10.1	*10.1*	Ao	4	..	23239b
37	3749	4.3	+11 8	6.68	*7.68*	Ko	5	..	37202i
38	4033	4.3	+ 6 8	8.9	*9.0*	A5	4	..	14171b
39	3989	4.3	+ 4 26	9.1	*9.1*	Ao	4	..	21770b
40	3919	4.3	+ 3 44	9.1	*10.1*	Ko	3	..	21770b
41	3669	4.3	− 1 0	10.5	*11.0*	F8	2	..	23253b
42	3670	4.3	− 1 20	10.5	*11.1*	Go	3	..	23253b
43	4892	4.3	− 5 4	10.00	*11.00*	Ko	1	..	23253b
44	5254	4.3	−13 0	9.8	*10.1*	Fo	4	..	38064b
45	..	4.3	−15 21	..	..	Ao	2	..	39391b
46	5252	4.3	−15 25	10.5	*11.1*	Go	3	..	39391b
47	..	4.3	−16 27	..	..	Ao	1	..	39391b
48	5501	4.3	−17 40	8.7	*10.1*	Mb	3	..	23765b
49	5232	4.3	−18 21	10.5	*10.6*	A2	3	..	23765b
50	5326	4.3	−19 52	10.5	10.4	Ao	2	..	23765b
51	15118	4.3	−23 58	11.3	*12.3*	K	1	..	23765b
52	14925	4.3	−32 33	9.0	9.1	G5	2	..	40432b
53	13455	4.3	−34 16	10.1	9.9	A2	2	..	23725b
54	13096	4.3	−40 57	10.1	10.1	A2	3	..	39471b
55	13367	4.3	−41 17	8.6	9.5	G5	5	..	39471b
56	13024	4.3	−45 42	9.7	11.1	K5	1	..	39471b
57	12780	4.3	−47 3	8.3	9.6	K5	4	..	41441b
58	1760	4.3	−74 6	*8.9*	9.5	Go	3	..	42526b
59	1944	4.4	+57 22	8.7	*9.9*	K5	1	..	38518i
60	2834	4.4	+45 54	8.1	*9.2*	K2	3	..	37348i
61	3441	4.4	+38 46	7.48	*7.56*	A3	4	..	38520i
62	3800	4.4	+14 16	10.5	*10.6*	A3	1	..	5555m
63	3919	4.4	+13 35	9.8	*9.9*	A5	1	..	5555m
64	3977	4.4	+ 7 32	10.5	*10.5*	Ao	2	..	23239b
65	4046	4.4	+ 5 56	8.5	*9.6*	K2	6	3,3	23239b
66	3671	4.4	− 1 20	10.5	*10.5*	Ao	2	..	23253b
67	4893	4.4	− 5 21	9.8	*10.1*	F2	2	..	23253b
68	4867	4.4	− 8 34	10.5	*10.6*	A3	2	..	38112b
69	5179	4.4	−16 45	9.3	*9.7*	F5	5	..	39391b
70	4995	4.4	−22 21	10.5	10.8	A	2	..	23765b
71	R	4.4	−22 38	10.8	11.0	G5	1	..	23765b
72	15120	4.4	−23 46	11.0	10.7	Ao	2	..	23765b
73	*16724*	4.4	−29 59	7.73	8.8	F8	6	..	40432b
74	*14928*	4.4	−31 59	7.5	8.5	Ko	5	..	40432b
75	13172	4.4	−43 39	9.9	10.2	F5	3	..	39471b
76	13025	4.4	−45 8	8.99	9.3	A2	6	..	39471b
77	12781	4.4	−47 21	10.3	10.4	Go	2	..	41441b
78	12547	4.4	−49 30	8.4	9.7	K5	2	..	41441b
79	12368	4.4	−50 25	8.0	9.4	K2	4	..	41441b
80	9489	4.4	−53 23	*10.1*	11.1	Ko	2	..	39661b
81	9118	4.4	−56 50	*10.3*	11.1	G5	1	..	39381b
82	7592	4.4	−58 7	*9.4*	10.2	G5	3	..	39381b
83	2368	4.4	−71 19	*8.8*	9.3	F8	4	..	41442b
84	610	4.5	+79 15	9.0	*10.0*	Ko	1	..	38512i
85	1949	4.5	+59 56	7.41	*8.41*	Ko	5	..	38518i
86	2835	4.5	+45 44	8.7	*9.2*	F8	3	..	37348i
87	3162	4.5	+43 40	8.7	*9.5*	G5	1	..	37348i
88	3241	4.5	+41 46	9.3	*9.8*	F8	2	..	37348i
89	3333	4.5	+33 33	8.6	*9.4*	G5	2	..	37845i
90	*3572*	4.5	+24 1	6.96	*8.03*	K2	2	..	37848i
91	3926	4.5	+19 4	8.3	*8.4*	A2	3	..	38511i
92	3967	4.5	+18 27	7.9	*8.3*	F5	2	..	38511i
93	3802	4.5	+14 37	6.77	*7.77*	Ko	3	0,9	37202i
94	3751	4.5	+11 42	8.0	*8.0*	Ao	3	..	37202i
95	3800	4.5	+10 23	8.5	*9.5*	Ko	1	..	14171b
96	5047	4.5	− 6 9	10.5	*10.5*	A	1	..	38112b
97	4868	4.5	− 8 35	10.6	*10.6*	B8	2	..	38112b
98	5257	4.5	−13 33	9.3	*9.9*	Go	3	..	38064b
99	*5311*	4.5	−13 59	9.6	*10.7*	K2	1	..	38064b
100	5310	4.5	−14 48	10.5	*11.6*	K2	1	..	39391b

178700 — $19^h\,4^m.5$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5255	4.5	−15 23	9.6	*10.1*	F8	4	..	39391b
2	5253	4.5	−15 49	9.8	*10.6*	G5	2	..	39391b
3	5254	4.5	−15 56	10.2	*10.5*	F2	2	..	39391b
4	5180	4.5	−16 9	10.6	*11.4*	G5	1	..	39391b
5	5234	4.5	−18 36	10.5	*11.6*	K2	1	..	39391b
6	5276	4.5	−21 28	8.9	9.2	Fo	5	..	23765b
7	16727	4.5	−30 50	9.1	9.5	A5	2	..	40432b
8	13987	4.5	−33 37	9.2	9.4	Fo	4	..	23725b
9	13964	4.5	−42 35	9.7	10.9	Ko	1	..	39471b
10	*11382*	4.5	−51 59	8.3	8.8	F8	7	..	39661b
11	6049	4.5	−62 45	*8.2*	9.0	G5	3	..	42464b
12	846	4.5	−81 34	*8.1*	9.2	K2	3	..	42793b
13	2937	4.6	+49 27	7.9	*8.3*	F5	3	..	37348i
14	4061	4.6	+20 13	8.60	*8.60*	Ao	1	..	38523i
15	3752	4.6	+11 28	7.07	*7.85*	G5	3	..	37202i
16	*3802*	4.6	+11 1	8.5	*8.8*	Fo	7	..	23239b
17	3801	4.6	+10 4	7.47	*8.65*	K5	3	..	14171b
18	3992	4.6	+ 4 59	9.23	*9.23*	Ao	6	0,3	23239b
19	3911	4.6	+ 1 4	8.74	*9.52*	G5	3	..	21770b
20	4118	4.6	+ 0 46	9.1	*9.0*	B5	4	..	23253b
21	4499	4.6	− 3 50	8.1	*8.9*	G5	4	..	13464b
22	5182	4.6	−16 16	10.2	*11.2*	Ko	2	..	39391b
23	5183	4.6	−16 28	9.3	*10.7*	Ma	3	..	39391b
24	5502	4.6	−17 45	9.8	*10.6*	G5	3	..	39391b
25	5327	4.6	−19 50	9.03	9.5	Ao	4	..	23765b
26	5418	4.6	−20 50	8.3	8.7	G5	5	..	23765b
27	5278	4.6	−21 50	8.9	9.3	F5	6	..	23765b
28	15798	4.6	−29 2	8.2	9.4	Ko	4	..	40432b
29	13082	4.6	−37 22	8.3	9.4	G5	3	..	40427b
30	13965	4.6	−42 2	10.6	10.1	F2	2	..	39471b
31	13178	4.6	−44 44	10.6	10.8	Ko	2	..	39471b
32	12856	4.6	−46 19	7.6	9.6	K2	5	..	41441b
33	11971	4.6	−51 41	10.3	10.6	A2	1	..	39661b
34	*11383*	4.6	−51 58	6.9	7.9	K2	7	..	39661b
35	3191	4.6	−68 5	*9.8*	10.8	Ko	1	..	20541b
36	900	4.6	−80 41	*8.7*	9.7	Ko	3	..	42793b
37	845	4.6	−81 43	*7.9*	8.9	Ko	2	..	14161b
38	572	4.7	+82 14	6.83	*6.83*	Ao	8	..	37294i
39	2506	4.7	+51 30	7.94	*8.36*	F5	3	..	38889i
40	3242	4.7	+41 34	8.5	*9.1*	Go	2	..	37348i
41	4048	4.7	+ 5 24	8.7	*8.7*	Ao	2	..	38560i
42	3801	4.7	+ 2 19	8.5	*9.6*	K2	5	3,2	23253b
43	3660	4.7	− 0 27	9.1	*9.4*	F2	5	..	23253b
44	3662	4.7	− 0 36	6.39	*6.34*	B8	8	0,10	38492b
45	4874	4.7	− 2 4	10.0	*10.8*	G5	1	..	23253b
46	4872	4.7	− 7 26	7.44	*8.44*	Ko	6	..	38112b
47	5022	4.7	− 9 19	8.12	*8.12*	Ao	7	..	38112b
48	4975	4.7	−10 50	9.3	*9.4*	A2	2	..	38064b
49	4890	4.7	−11 6	9.3	*9.3*	Ao	2	..	38064b
50	4889	4.7	−11 55	10.0	*10.8*	G5	3	..	38064b
51	5185	4.7	−16 27	9.8	*10.8*	Ko	3	..	39391b
52	5419	4.7	−20 16	9.6	9.8	F8	3	..	23765b
53	5279	4.7	−21 32	9.8	10.3	G5	3	..	23765b
54	*13803*	4.7	−24 58	9.65	9.8	A5	3	..	40432b
55	13888	4.7	−26 5	8.4	8.4	B9	6	..	40432b
56	15469	4.7	−28 15	7.9	9.2	Ko	4	..	40432b
57	13992	4.7	−33 42	10.3	10.3	A3	2	..	23725b
58	13994	4.7	−33 55	10.3	10.0	Go	2	..	23725b
59	13083	4.7	−37 2	8.6	9.4	A2	3	..	40427b
60	13363	4.7	−38 25	8.6	9.2	Fo	5	..	40427b
61	13175	4.7	−43 25	10.6	10.8	Ao	1	..	39471b
62	*13179*	4.7	−43 59	10.3	10.9	F5	1	..	39471b
63	12857	4.7	−46 51	9.5	10.2	A2	3	..	41441b
64	12953	4.7	−48 30	9.7	10.0	A5	1	..	41441b
65	9018	4.7	−55 51	8.2	8.4	A2	5	..	40463b
66	4491	4.7	−63 18	*9.0*	9.6	Go	2	..	42464b
67	4492	4.7	−63 55	*8.5*	9.3	G5	2	..	42464b
68	3622	4.7	−67 56	*9.7*	10.2	F8	2	..	20541b
69	3192	4.7	−68 8	*8.8*	9.9	K2	3	..	20541b
70	*3445*	4.8	+39 0	7.55	*8.90*	Mb	2	..	38520i
71	3761	4.8	+16 55	8.7	*9.7*	Ko	5	..	5555m
72	3803	4.8	+10 57	7.14	*7.48*	F2	4	..	37202i
73	3979	4.8	+ 7 14	10.1	*10.2*	A3	2	..	23239b
74	4049	4.8	+ 5 31	8.1	*8.1*	B9	2	..	38560i
75	4120	4.8	+ 0 8	9.8	*9.8*	B8	2	..	23253b
76	3663	4.8	− 0 44	8.7	*9.2*	F8	5	..	23253b
77	4875	4.8	− 2 53	10.5	*10.5*	Ao	1	..	23253b
78	4892	4.8	−11 38	9.6	*10.1*	F8	1	..	38064b
79	5503	4.8	−17 7	10.5	*11.3*	G5	1	..	39391b
80	5504	4.8	−17 19	10.2	*11.2*	Ko	1	..	39391b
81	5505	4.8	−17 54	9.3	*9.8*	F8	5	..	39391b
82	5330	4.8	−19 31	10.9	10.7	Go	2	..	23765b
83	5329	4.8	−19 35	10.2	10.8	K5	3	..	23765b
84	15125	4.8	−23 13	11.3	*12.3*	Ko	1	..	23765b
85	15126	4.8	−23 39	11.0	10.7	Ao	3	..	23765b
86	13805	4.8	−25 50	11.7	9.6	Ao	3	..	40432b
87	*13891*	4.8	−25 59	9.3	9.5	Ko	2	..	40432b
88	13459	4.8	−34 15	9.9	10.5	Ko	1	..	23725b
89	13277	4.8	−35 4	7.48	9.1	K2	4	..	40427b
90	13384	4.8	−36 33	9.3	9.7	A5	2	..	40427b
91	13372	4.8	−41 31	9.3	10.1	K5	2	..	39471b
92	13181	4.8	−44 36	11.0	11.2	Ko	1	..	39471b
93	13028	4.8	−45 28	9.7	10.2	G5	3	..	39471b
94	9276	4.8	−54 39	8.3	9.6	G5	5	0,4	39661b
95	6353	4.8	−61 0	9.1	9.9	Go	3	..	42464b
96	2507	4.9	+51 13	7.8	*9.0*	K5	3	..	33542i
97	2627	4.9	+46 52	8.3	*9.3*	Ko	3	..	37348i
98	3438	4.9	+30 8	6.88	*8.06*	K5	3	..	37845i
99	3708	4.9	+15 58	9.8	*10.8*	Ko	1	..	5555m
100	3805	4.9	+14 40	9.5	*9.5*	Ao	3	..	5555m

178800 **19h 4m.9**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	*3922*	4.9	+14 2	9.5	*9.5*	Ao	4	..	5555m
2	3754	4.9	+11 16	9.8	*9.8*	Ao	3	..	23239b
3	3804	4.9	+10 54	9.0	*9.0*	B9	6	..	23239b
4	3676	4.9	− 1 7	9.8	*9.8*	B9	3	..	23253b
5	4877	4.9	− 2 9	10.6	*10.6*	B9	2	..	23253b
6	*5049*	4.9	− 5 59	9.1	*10.1*	Ko	3	..	38112b
7	4893	4.9	−11 24	9.3	*9.9*	Go	2	..	38064b
8	5312	4.9	−14 38	10.0	*11.1*	K2	2	..	39391b
9	5235	4.9	−18 38	10.6	*11.1*	F8	1	..	39391b
10	5421	4.9	−20 14	10.5	11.0	K	1	..	23765b
11	5281	4.9	−21 22	9.6	9.8	G5	4	..	23765b
12	15084	4.9	−24 21	7.44	8.3	Ko	8	..	23765b
13	13806	4.9	−25 51	9.6	10.0	K5	1	..	40432b
14	15472	4.9	−28 42	8.0	9.2	Ko	4	..	40432b
15	13104	4.9	−40 20	9.3	10.1	G5	4	5,1	39471b
16	13373	4.9	−41 40	8.9	9.5	Ko	4	..	39471b
17	13183	4.9	−44 6	10.1	10.7	F5	2	..	39471b
18	13184	4.9	−44 48	9.46	10.7	K2	3	..	39471b
19	9277	4.9	−54 25	*10.1*	11.1	Ko	1	..	39661b
20	1013	4.9	−79 36	*9.0*	9.5	F8	3	..	42793b
21	3163	5.0	+43 46	7.9	*8.3*	F5	5	..	37348i
22	3439	5.0	+30 44	8.6	*8.6*	Ao	3	..	37845i
23	3489	5.0	+29 53	8.5	*8.5*	Ao	2	..	38501i
24	3923	5.0	+13 37	10.5	*11.3*	G5	2	..	5555m
25	3755	5.0	+11 11	10.5	*10.5*	Ao	2	..	23239b
26	4001	5.0	+ 9 53	10.1	*10.1*	Ao	5	..	23239b
27	3991	5.0	+ 8 22	9.0	*9.0*	B9	4	..	23239b
28	3981	5.0	+ 7 50	9.8	*9.8*	Ao	3	..	23239b
29	*3995*	5.0	+ 5 2	9.8	*9.9*	A2	4	0,2	23239b
30	3922	5.0	+ 3 40	10.1	*10.1*	Ao	2	..	21770b
31	3664	5.0	− 0 36	9.1	*10.2*	K2	2	..	23253b
32	3665	5.0	− 0 56	9.3	*9.3*	B9	3	..	23253b
33	3677	5.0	− 1 14	8.5	*9.0*	F8	3	..	13464b
34	4707	5.0	− 4 13	8.3	*9.3*	Ko	3	..	23253b
35	4873	5.0	− 7 45	10.5	*10.5*	B8	1	..	38112b
36	5259	5.0	−13 42	10.5	*11.0*	F8	1	..	38064b
37	5257	5.0	−15 53	10.2	*10.7*	F8	2	..	39391b
38	4998	5.0	−22 44	9.1	10.4	Ko	4	..	23765b
39	13645	5.0	−27 13	9.6	10.1	K5	1	..	40432b
40	15804	5.0	−29 40	6.25	6.4	B9	5	..	37002b
41	16737	5.0	−30 49	9.0	9.7	A3	3	..	40432b
42	16431	5.0	−31 50	9.6	9.5	A2	2	..	40432b
43	13462	5.0	−34 23	9.3	9.0	A2	5	..	40427b
44	13162	5.0	−39 40	8.9	9.5	G5	5	..	40427b
45	12377	5.0	−50 39	6.17	7.2	Ko	10	..	41441b
46	9279	5.0	−54 40	8.8	9.3	A3	5	3,4	39661b
47	3164	5.1	+43 53	7.68	*7.66*	B9	6	..	37348i
48	3350	5.1	+37 45	8.6	*9.6*	Ko	1	..	38520i
49	3437	5.1	+34 35	6.63	*6.46*	B3	8	..	37845i
50	3737	5.1	+25 10	7.96	*8.46*	F8	3	..	38511i
51	3655	5.1	+24 39	8.16	*9.23*	K2	1	..	38511i
52	3809	5.1	+14 56	9.3	*9.3*	Ao	4	..	5555m
53	3807	5.1	+14 34	8.9	*9.9*	Ko	2	..	5555m
54	*3756*	5.1	+12 3	8.5	*9.0*	F8	7	..	23239b
55	*3805*	5.1	+11 4	10.5	*10.8*	Fo	2	..	23239b
56	3803	5.1	+ 2 25	9.1	*10.3*	K5	2	..	23253b
57	4122	5.1	+ 0 47	7.7	*7.7*	Ao	7	2,3	13464b
58	4708	5.1	− 4 55	9.15	*9.93*	G5	3	..	38112b
59	*4871*	5.1	− 7 59	9.6	*10.6*	Ko	1	..	38112b
60	4872	5.1	− 8 24	9.1	*9.1*	B8	4	..	38112b
61	5298	5.1	−12 38	8.3	*8.2*	B5	6	..	38064b
62	5186	5.1	−16 40	9.3	*10.7*	Ma	2	..	39391b
63	..	5.1	−16 46	..	..	Ao	2	..	39391b
64	5507	5.1	−17 6	10.2	*11.2*	Ko	1	..	39391b
65	5506	5.1	−17 23	10.5	*11.0*	F8	1	..	39391b
66	5423	5.1	−20 9	8.7	8.7	Fo	7	..	23765b
67	13808	5.1	−25 47	10.8	10.3	Ko	1	..	40432b
68	13996	5.1	−33 55	8.3	9.2	Ko	6	..	23725b
69	13163	5.1	−39 27	7.5	7.6	B8	7	..	40427b
70	13106	5.1	−40 14	9.3	9.8	Ko	1	2,1-	40737b
71	7463	5.1	−59 39	*10.1*	10.2	A2	3	..	39381b
72	4493	5.1	−63 38	*8.8*	9.6	G5	2	..	42464b
73	1762	5.1	−74 30	*8.7*	9.1	F5	6	..	42526b
74	2940	5.2	+49 19	7.9	*8.3*	F5	5	3,4	37348i
75	3449	5.2	+38 20	7.77	*7.91*	A5	4	..	38520i
76	3493a	5.2	+29 30	var.	var.	Md	..	R	M
77	3712	5.2	+15 51	9.0	*9.0*	Ao	4	..	5555m
78	3984	5.2	+ 7 30	9.8	*10.9*	K2	1	..	23239b
79	4035	5.2	+ 6 57	10.1	*11.1*	Ko	2	..	23239b
80	3804	5.2	+ 2 12	7.9	*7.9*	Ao	2	..	38492b
81	5299	5.2	−12 18	7.62	*7.62*	Ao	2	1,7	10078b
82	5259	5.2	−15 15	7.75	*9.10*	Mb	5	..	38064b
83	5332	5.2	−19 20	10.5	9.8	Fo	5	..	23765b
84	5425	5.2	−20 43	10.2	11.2	K2	2	..	23765b
85	5000	5.2	−22 4	9.8	9.2	B9	4	..	23765b
86	13810	5.2	−25 41	9.6	10.4	K5	2	..	40432b
87	14940	5.2	−32 16	8.6	9.1	Ao	4	..	40432b
88	13998	5.2	−33 32	8.16	8.8	A2	8	..	23725b
89	11385	5.2	−52 40	*9.8*	10.9	K2	1	..	39661b
90	4062	5.3	+20 6	9.20	*9.98*	G5	1	..	38511i
91	3713	5.3	+15 48	9.1	*9.1*	B9	3	..	5555m
92	3811	5.3	+14 48	9.1	*9.1*	Ao	5	..	5555m
93	3807	5.3	+10 44	9.1	*9.1*	B9	5	..	23239b
94	3806	5.3	+10 6	10.5	*11.5*	Ko	2	..	23239b
95	4878	5.3	− 2 37	9.3	*9.9*	Go	3	..	23253b
96	5026	5.3	− 9 38	10.5	*10.6*	A2	2	..	38112b
97	4895	5.3	−11 26	9.8	*10.6*	G5	1	..	38064b
98	5508	5.3	−17 40	10.2	*10.5*	Fo	1	..	39391b
99	5426	5.3	−20 21	10.2	10.1	Ao	4	..	23765b
100	5283	5.3	−21 51	10.2	10.4	F8	2	..	23765b

178900 — 19h 5m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14001	5.3	−33 47	10.6	10.7	K5	1	..	23725b
2	13391	5.3	−36 19	9.3	9.4	A2	4	..	40427b
3	12864	5.3	−46 37	9.9	10.5	A3	1	..	39471b
4	12379	5.3	−50 4	8.5	9.1	G5	5	..	41441b
5	7277	5.3	−60 6	8.6	9.3	Fo	4	..	39381b
6	6051	5.3	−62 24	*8.6*	9.1	F8	5	..	42464b
7	3981	5.3	−64 42	8.14	9.3	K5	1	..	41442b
8	2605	5.3	−70 30	*8.7*	9.7	Ko	2	..	41442b
9	1321	5.4	+65 27	9.3	*10.4*	K2	1	..	38067i
10	2835	5.4	+48 55	8.0	*9.1*	K2	2	..	37348i
11	3439	5.4	+34 26	6.54	*7.32*	G5	6	0,6 R	38501i
12	3340	5.4	+33 5	8.0	*7.9*	B5	4	..	37845i
13	3832	5.4	+12 18	9.0	*10.1*	K2	3	..	23239b
14	3992	5.4	+ 8 32	8.5	*9.1*	Go	3	..	14171b
15	3926	5.4	+ 3 7	9.1	*10.1*	Ko	2	..	21770b
16	3805	5.4	+ 2 40	9.8	*10.1*	Fo	3	..	23253b
17	4123	5.4	+ 0 50	9.3	*9.8*	F8	3	2,2	21770b
18	3666	5.4	− 0 52	8.5	*9.7*	K5	3	..	13464b
19	4879	5.4	− 2 22	9.8	*9.8*	B9	2	..	23253b
20	4897	5.4	− 5 53	10.2	*10.2*	B8	2	..	38112b
21	5052	5.4	− 6 22	9.3	9.3	A	3	..	38112b
22	5300	5.4	−12 14	9.6	*9.9*	Fo	2	..	38064b
23	5261	5.4	−15 48	10.2	*11.3*	K2	1	..	39391b
24	5187	5.4	−16 5	7.9	*8.9*	Ko	7	..	38064b
25	5509	5.4	−17 25	10.5	*10.5*	Ao	1	..	39391b
26	5238	5.4	−18 26	9.3	*9.3*	Ao	3	..	23765b
27	5334	5.4	−19 22	11.1	11.0	A	2	..	23765b
28	5333	5.4	−19 51	9.33	9.8	Fo	5	..	23765b
29	5428	5.4	−20 31	7.9	7.9	B9	4	R	43224b
30	5427	5.4	−20 52	10.0	10.1	G5	2	..	23765b
31	*5284*	5.4	−20 58	10.2	9.6	Ao	4	..	23765b
32	5286	5.4	−21 16	9.2	9.0	B9	6	..	23765b
33	5001	5.4	−22 46	9.6	9.2	Fo	5	..	23765b
34	15090	5.4	−24 4	10.5	10.5	G	1	..	23765b
35	15093	5.4	−24 36	9.4	9.8	K2	4	..	23765b
36	13651	5.4	−27 15	9.3	8.3	Ao	6	..	40432b
37	13090	5.4	−37 45	6.54	7.5	G5	8	..	40427b
38	13032	5.4	−45 26	7.9	8.6	G5	8	..	39471b
39	13031	5.4	−45 42	10.6	10.2	G5	2	..	39471b
40	12866	5.4	−46 12	11.6	10.8	Ko	1	..	39471b
41	12784	5.4	−47 20	7.9	9.6	Ko	3	..	41441b
42	9120	5.4	−56 49	*10.6*	11.1	F8	2	..	39381b
43	9343	5.4	−57 48	8.4	8.4	Ao	6	..	40463b
44	848	5.5	+73 13	7.8	*8.1*	Fo	3	0,4	38044i
45	2346	5.5	+52 49	8.3	*8.3*	Ao	3	0,1	38889i
46	2512	5.5	+51 57	8.24	*9.31*	K2	3	..	33542i
47	3442	5.5	+30 24	6.68	*6.66*	B9	7	0,7	58501i
48	3762	5.5	+16 24	9.5	*10.0*	F8	3	..	5555m
49	3925	5.5	+13 40	9.5	*9.5*	Ao	2	..	5555m
50	3808	5.5	+10 44	8.5	*8.6*	A3	4	0,4-	14171b
51	4036	5.5	+ 6 7	9.8	*11.0*	K5	1	..	23239b
52	3928	5.5	+ 3 17	8.5	*9.7*	K5	1	..	21770b
53	4124	5.5	+ 0 32	8.9	*9.3*	F5	4	3,4	21770b
54	5054	5.5	− 6 47	6.66	*6.66*	Ao	4	2,10	10078b
55	4875	5.5	− 7 51	9.2	*10.0*	G5	1	..	38112b
56	*4981*	5.5	− 9 58	9.06	*9.34*	Fo	3	..	38112b
57	5262	5.5	−15 48	10.5	*10.8*	Fo	3	..	39391b
58	5188	5.5	−16 16	9.6	*10.1*	F8	3	..	38064b
59	5189	5.5	−16 50	10.2	*10.2*	B9	3	..	39391b
60	5239	5.5	−18 47	10.2	*11.3*	K2	1	..	23765b
61	5335	5.5	−19 12	9.8	9.2	F2	7	..	23765b
62	5003	5.5	−22 10	10.5	10.7	Ao	3	..	23765b
63	15096	5.5	−24 52	10.3	10.1	Ko	2	..	40432b
64	13817	5.5	−25 10	9.6	9.6	F8	3	..	40432b
65	15812	5.5	−29 0	10.5	9.7	Ao	2	..	40432b
66	14944	5.5	−32 36	10.1	9.2	A5	3	..	40432b
67	12381	5.5	−50 7	9.7	9.8	A3	3	..	41441b
68	9121	5.5	−56 56	*10.3*	10.8	F8	3	..	39381b
69	4495	5.5	−63 15	*9.1*	9.9	G5	1	..	42464b
70	3165	5.6	+43 44	9.3	*10.3*	K	1	..	37348i
71	3453	5.6	+38 44	7.8	*8.2*	F5	2	..	38520i
72	*3442*	5.6	+35 1	8.92	*10.27*	Ma	..	..	M
73	3335	5.6	+32 42	8.0	*9.0*	Ko	2	..	37845i
74	4003	5.6	+ 9 32	9.3	*10.1*	G5	1	..	14171b
75	3985	5.6	+ 7 54	9.5	*10.0*	F8	3	..	23239b
76	4896	5.6	−11 12	9.8	*10.3*	F8	1	..	38064b
77	5313	5.6	−14 13	8.3	*8.3*	B9	7	..	38064b
78	5264	5.6	−15 31	8.6	*9.6*	Ko	6	..	38064b
79	5263	5.6	−15 42	9.6	*10.6*	Ko	1	..	39391b
80	5511	5.6	−17 55	10.5	*11.1*	Go	2	..	39391b
81	15816	5.6	−29 42	9.4	9.7	K5	1	..	40432b
82	16442	5.6	−31 23	10.3	8.8	F8	3	..	40432b
83	14945	5.6	−32 48	7.7	8.5	Ko	6	..	40432b
84	13380	5.6	−41 49	9.9	10.7	Go	2	..	39471b
85	13190	5.6	−43 46	9.5	10.8	K2	2	..	39471b
86	13036	5.6	−45 32	10.1	10.5	Go	2	..	39471b
87	12786	5.6	−47 20	10.1	9.6	B8	2	..	41441b
88	6354	5.6	−61 6	*9.7*	10.2	F8	2	..	39381b
89	1947	5.7	+57 55	7.84	*8.84*	Ko	4	..	38518i
90	2632	5.7	+46 7	9.3	*10.3*	K	1	..	37348i
91	3496	5.7	+29 12	8.2	*8.2*	Ao	2	..	38501i
92	3578	5.7	+23 58	9.1	*9.2*	A2	1	..	38511i
93	3764	5.7	+16 52	8.9	*8.9*	Ao	3	..	5555m
94	..	5.7	+16 33	..	..	F	1	..	5555m
95	3715	5.7	+15 56	9.0	*9.0*	B9	4	..	5555m
96	3757	5.7	+11 46	10.5	*11.7*	K5	1	..	23239b
97	*3809*	5.7	+11 3	9.8	*10.9*	K2	1	..	23239b
98	..	5.7	+10 43	..	..	F2	1	..	23239b
99	5055	5.7	− 6 32	9.1	*9.9*	G5	2	..	38112b
100	4878	5.7	− 7 4	9.3	*9.9*	Go	3	..	38112b

179000

19h 5m.7

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4879	5.7	− 7 12	9.8	*10.2*	F5	2	..	38112b
2	4876	5.7	− 7 36	6.76	*7.32*	Go	10	..	38112b
3	5265	5.7	−15 22	8.9	*8.9*	B9	7	..	38064b
4	..	5.7	−15 46	..	..	A3	2	..	39391b
5	5240	5.7	−18 23	9.6	*9.9*	Fo	3	..	23765b
6	14008	5.7	−33 46	10.6	10.3	Ko	3	..	23725b
7	13397	5.7	−36 7	10.1	9.6	B5	4	..	40427b
8	13987	5.7	−42 15	10.6	10.7	Go	1	..	39471b
9	2962	5.7	−69 22	6.50	6.6	A3	..	o,R	**56**,144
10	3254	5.8	+42 56	9.3	*9.3*	Ao	2	..	37348i
11	3765	5.8	+16 45	8.5	*8.6*	A3	5	..	5555m
12	3926	5.8	+13 55	9.5	*9.6*	A2	3	..	5555m
13	3834	5.8	+12 10	8.6	*9.0*	F5	6	..	23239b
14	*3758*	5.8	+12 0	9.5	*10.0*	F8	3	..	23239b
15	3810	5.8	+10 44	10.5	*11.5*	Ko	2	..	23239b
16	4004	5.8	+ 9 59	8.72	*9.28*	Go	2	..	14171b
17	3993	5.8	+ 8 9	10.1	*10.1*	B9	2	..	23239b
18	3931	5.8	+ 3 22	8.1	*8.1*	B9	2	..	38560i
19	3929	5.8	+ 3 16	10.1	*10.1*	B9	2	..	21770b
20	4983	5.8	−10 39	9.6	*10.6*	Ko	2	..	38064b
21	5191	5.8	−16 13	9.3	*10.4*	K2	2	..	38064b
22	5190	5.8	−16 26	9.6	*9.7*	A2	3	..	38064b
23	5192	5.8	−16 31	9.6	*10.2*	Go	3	..	39391b
24	5336	5.8	−19 22	9.1	8.6	Go	7	..	23765b
25	5429	5.8	−20 5	8.73	9.3	Ko	5	..	23765b
26	5430	5.8	−20 9	10.2	9.8	G	2	..	23765b
27	15494	5.8	−28 39	9.6	9.6	G5	1	..	40432b
28	15820	5.8	−29 33	10.8	10.3	A2	1	..	40432b
29	13091	5.8	−37 42	6.86	7.1	B8	8	..	40427b
30	13372	5.8	−38 57	7.9	9.5	K5	4	..	40427b
31	13113	5.8	−40 48	11.7	10.7	Ao	2	..	39471b
32	12789	5.8	−47 10	7.9	8.8	Ko	5	..	41441b
33	12961	5.8	−48 4	9.3	10.0	A5	3	..	41441b
34	*11983*	5.8	−50 59	8.3	8.5	F2	6	..	41441b
35	11982	5.8	−51 44	8.3	8.8	F2	3	..	41441b
36	11387	5.8	−52 43	*9.2*	9.5	Fo	5	..	39661b
37	9283	5.8	−54 55	*9.7*	10.2	F8	3	3,2	39661b
38	9122	5.8	−56 43	9.0	10.5	Ko	3	..	39381b
39	1817	5.9	+61 8	7.8	*8.1*	F2	4	..	38518i
40	2837	5.9	+48 5	8.7	*9.3*	G	2	..	37348i
41	3345	5.9	+33 9	8.2	*9.2*	Ko	3	..	37845i
42	3580	5.9	+23 46	8.6	*8.9*	Fo	3	..	37848i
43	*3812*	5.9	+11 4	10.5	*10.5*	Ao	2	..	23239b
44	3811	5.9	+10 56	10.5	*10.6*	A2	2	..	23239b
45	4005	5.9	+ 9 26	10.5	*10.6*	A2	3	..	23239b
46	4051	5.9	+ 5 36	10.5	*11.1*	Go	3	..	23239b
47	3916	5.9	+ 1 15	9.8	*10.8*	Ko	3	..	23253b
48	4712	5.9	− 4 18	8.1	*8.1*	B9	5	..	38112b
49	4877	5.9	− 8 1	8.53	*8.95*	F5	5	..	38112b
50	5027	5.9	− 9 17	9.3	*9.3*	B9	3	..	38112b
51	5264	5.9	−13 55	9.3	*10.3*	Ko	2	..	38064b
52	5266	5.9	−13 55	10.6	*10.9*	F2	2	..	38064b
53	*5512*	5.9	−16 59	10.5	*10.6*	A5	3	..	39391b
54	..	5.9	−17 7	..	..	A2	1	..	39391b
55	5242	5.9	−18 50	10.0	*10.6*	Go	3	..	23765b
56	5337	5.9	−19 10	9.6	9.8	Ko	3	..	23765b
57	5004	5.9	−22 16	10.9	10.7	Ao	2	..	23765b
58	14011	5.9	−33 14	7.9	8.2	Go	8	..	23725b
59	13195	5.9	−43 31	9.9	10.5	F8	2	..	39471b
60	13194	5.9	−43 46	9.5	9.6	Fo	5	..	39471b
61	13193	5.9	−44 18	10.3	10.8	Go	3	..	39471b
62	12964	5.9	−48 34	8.7	10.3	Ko	3	..	41441b
63	12553	5.9	−49 20	8.5	8.8	F8	5	..	41441b
64	4496	5.9	−63 12	*9.2*	9.5	F	1	..	42464b
65	3982	5.9	−64 5	*9.2*	9.3	A5	3	..	42464b
66	3623	5.9	−67 16	*8.1*	8.9	G5	4	..	41442b
67	2369	5.9	−71 20	*9.1*	9.9	G5	3	..	42526b
68	2151	6.0	+55 13	7.86	*7.94*	A3	4	..	38518i
69	2763	6.0	+47 13	9.3	*9.3*	A	2	..	37348i
70	3455	6.0	+38 33	8.0	*8.6*	Go	2	..	38520i
71	4067	6.0	+20 20	8.8	*8.8*	Ao	3	..	38511i
72	3766	6.0	+16 7	8.9	*9.3*	F5	4	..	5555m
73	..	6.0	+10 45	..	..	Ao	2	..	23239b
74	4040	6.0	+ 6 42	9.1	*9.7*	Go	7	..	23239b
75	4052	6.0	+ 5 55	9.0	*9.0*	B9	3	..	14171b
76	4053	6.0	+ 5 5	9.26	*9.26*	Ao	3	..	14171b
77	3933	6.0	+ 3 5	8.1	*8.1*	Ao	1	..	38560i
78	3669	6.0	− 0 49	9.8	*10.8*	Ko	1	..	23253b
79	4881	6.0	− 2 48	7.7	*8.5*	G5	6	5,2	13464b
80	5028	6.0	− 9 38	10.2	*11.6*	Ma	..	..	M
81	4984	6.0	−10 11	8.5	*9.5*	Ko	3	..	38112b
82	..	6.0	−16 2	..	..	A2	2	..	39391b
83	5513	6.0	−17 10	10.2	*11.4*	K5	1	..	39391b
84	5244	6.0	−18 14	9.6	*9.6*	Ao	4	..	23765b
85	5431	6.0	−20 28	10.2	11.0	Ma	2	..	23765b
86	5432	6.0	−20 33	8.5	9.2	Ko	6	..	23765b
87	15141	6.0	−23 55	8.8	7.1	B9	8	..	23765b
88	13821	6.0	−25 4	10.5	9.6	Ao	3	..	40432b
89	13661	6.0	−27 37	10.5	9.6	F8	2	..	40432b
90	13403	6.0	−36 20	8.9	9.0	A2	6	..	40427b
91	604	6.1	+80 18	8.07	*9.07*	Ko	2	..	38044i
92	2187	6.1	+53 56	8.7	*9.8*	K2	1	..	38889i
93	2188	6.1	+53 28	8.18	*8.18*	Ao	2	E	37392i
94	2350	6.1	+52 16	5.93	*6.93*	Ko	6	..	37392i
95	2734	6.1	+50 12	6.79	*6.79*	Ao	7	..	37884i
96	2838	6.1	+48 6	8.5	*9.5*	K	2	..	37348i
97	*3932*	6.1	+20 1	8.85	*9.27*	F5	1	..	38511i
98	3814	6.1	+14 18	9.8	*10.9*	K2	1	..	5555m
99	3814	6.1	+10 35	10.5	*11.7*	K5	1	..	23239b
100	3813	6.1	+10 11	7.47	*8.47*	Ko	5	..	14171b

179100 **19h 6m.1**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4006	6.1	+ 9 52	10.5	*10.5*	Ao	3	..	23239b
2	4042	6.1	+ 6 42	9.0	*9.6*	Go	7	..	23239b
3	4054	6.1	+ 5 13	9.3	*10.3*	Ko	3	..	23239b
4	*4004*	6.1	+ 5 1	7.61	*8.61*	Ko	3	..	14171b
5	5059	6.1	− 6 13	9.3	*10.1*	G5	3	..	38112b
6	5316	6.1	−14 12	9.2	*10.0*	G5	3	..	38064b
7	..	6.1	−14 49	..	..	Ao	1	..	38064b
8	5245	6.1	−18 25	10.0	*10.3*	Fo	3	..	23765b
9	5338	6.1	−19 52	9.23	11.2	Ma	1	..	23765b
10	5434	6.1	−20 8	9.2	8.3	Ao	7	..	23765b
11	5433	6.1	−20 26	9.3	10.7	K2	3	..	23765b
12	5290	6.1	−21 15	8.1	8.9	Go	7	..	23765b
13	5007	6.1	−22 6	8.1	8.9	K5	5	..	23765b
14	13664	6.1	−27 12	10.3	9.8	F8	1	..	40432b
15	15497	6.1	−28 19	8.8	8.9	F5	5	..	40432b
16	13476	6.1	−34 1	6.67	7.5	Ao	6	R	23782b
17	13477	6.1	−34 1			Ao			
18	13116	6.1	−40 57	9.3	9.5	Fo	5	..	39471b
19	13194	6.1	−44 44	10.1	10.7	G5	2	..	39471b
20	6356	6.1	−61 37	8.5	9.6	G5	4	..	42464b
21	2351	6.2	+52 46	8.0	*8.1*	A2	3	0,2	37392i
22	3338	6.2	+32 15	8.6	*10.0*	Mb	..	..	M
23	3987	6.2	+ 7 58	7.39	*7.53*	A5	6	..	14171b
24	4056	6.2	+ 5 6	6.90	*6.88*	B9	7	..	38560i
25	3917	6.2	+ 1 43	9.8	*9.8*	B8	3	..	21770b
26	4126	6.2	+ 0 33	9.0	*9.0*	B9	4	*1*,4	21770b
27	5030	6.2	− 9 43	9.6	*10.6*	Ko	1	..	38112b
28	5303	6.2	−12 51	8.9	*9.9*	Ko	4	..	38064b
29	..	6.2	−14 9	..	..	B9	1	..	38064b
30	5317	6.2	−14 45	7.36	*8.36*	Ko	6	..	38064b
31	5515	6.2	−17 10	9.8	*9.8*	Ao	5	..	39391b
32	5435	6.2	−20 34	9.8	10.1	A2	5	..	23765b
33	5008	6.2	−22 28	10.5	10.1	Ao	4	..	23765b
34	15145	6.2	−23 4	10.3	10.3	F2	5	..	23765b
35	15147	6.2	−23 47	10.1	9.5	B9	3	..	23765b
36	13479	6.2	−34 36	8.3	8.5	Fo	6	..	40427b
37	13168	6.2	−39 58	9.3	10.1	Ko	1	..	40427b
38	13120	6.2	−40 54	7.3	8.6	Ko	9	..	39471b
39	13196	6.2	−44 23	10.6	10.9	Go	2	..	39471b
40	7594	6.2	−58 10	7.4	7.8	Go	8	..	40463b
41	1949	6.3	+57 59	7.9	*8.9*	Ko	3	..	38518i
42	2152	6.3	+55 10	7.31	*7.39*	A3	7	..	38518i
43	3357	6.3	+37 38	6.76	*7.04*	Fo	7	R	38520i
44		6.3	+37 38			A3			
45	3501	6.3	+35 30	6.58	*7.58*	Ko	4	..	37845i
46	3339	6.3	+32 42	8.2	*8.5*	Fo	3	..	37845i
47	3613	6.3	+22 33	8.2	*9.2*	Ko	1	..	38523i
48	3716	6.3	+15 52	9.3	*9.6*	F	2	..	5555m
49	4007	6.3	+ 9 39	9.1	*9.7*	Go	5	..	23239b
50	4009	6.3	+ 9 28	10.5	*10.6*	A3	6	..	23239b

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
51	*3995*	6.3	+ 9 2	8.5	*8.5*	Ao	3	..	14171b
52	*3934*	6.3	+ 4 1	7.5	*8.3*	G5	3	..	38560i
53	..	6.3	− 1 33	var.	var.	Nb	..	R	M
54	5318	6.3	−14 51	9.6	*10.6*	Ko	2	..	38064b
55	..	6.3	−15 0	..	..	G5	2	..	39391b
56	..	6.3	−15 32	..	..	A3	2	..	39391b
57	15110	6.3	−24 10	10.1	9.2	B9	5	..	23765b
58	15111	6.3	−24 29	9.6	8.9	Ao	7	..	23765b
59	*13671*	6.3	−26 58	9.8	10.1	Ko	1	..	40432b
60	13375	6.3	−38 51	6.75	7.3	A2	8	..	40427b
61	*13169*	6.3	−38 59	8.6	9.6	K2	2	..	40427b
62	13170	6.3	−39 55	9.7	9.8	A2	2	..	40427b
63	13201	6.3	−43 9	8.5	9.6	Ko	6	..	39471b
64	12793	6.3	−47 18	8.1	8.7	F8	7	..	41441b
65	9124	6.3	−56 28	*10.6*	11.6	Ko	1	..	39381b
66	3478	6.4	+31 53	7.6	*8.6*	Ko	2	..	37845i
67	*4069*	6.4	+21 1	7.88	*7.88*	Ao	2	R	38523i
68	3768	6.4	+16 55	9.1	*9.9*	G5	2	..	5555m
69	3929	6.4	+13 24	8.7	*8.7*	Ao	4	..	5555m
70	3759	6.4	+11 47	10.5	*11.0*	F8	2	..	23239b
71	4006	6.4	+ 4 36	8.9	*8.9*	Ao	3	..	14171b
72	4716	6.4	− 4 2	8.7	*9.0*	Fo	3	..	38112b
73	5319	6.4	−14 30	10.2	*10.2*	B9	2	..	38064b
74	*5195*	6.4	−15 58	9.3	*10.3*	Ko	2	..	38064b
75	5194	6.4	−16 5	9.3	*9.3*	Ao	4	..	38064b
76	5197	6.4	−16 12	10.5	*11.3*	G5	2	..	39391b
77	5196	6.4	−16 36	8.1	*8.5*	F5	7	..	38064b
78	5517	6.4	−17 52	9.8	*10.8*	Ko	2	..	39391b
79	15113	6.4	−24 3	10.1	10.4	F2	2	..	23765b
80	13829	6.4	−25 6	11.0	10.4	A	1	..	40432b
81	14001	6.4	−42 50	9.9	9.5	A	5	..	39471b
82	3193	6.4	−68 28	*10.6*	10.7	A3	3	..	20541b
83	1160	6.5	+66 15	9.0	*9.8*	G5	2	..	38067i
84	3170	6.5	+43 16	9.0	*9.8*	G5	2	..	37348i
85	3584	6.5	+23 41	7.8	*8.1*	Fo	4	..	37848i
86	3935	6.5	+19 35	8.15	*8.57*	F5	3	..	38511i
87	3996	6.5	+ 8 20	7.89	*8.96*	K2	3	..	14171b
88	4058	6.5	+ 5 31	8.6	*8.7*	A2	4	..	14171b
89	3919	6.5	+ 1 5	10.5	*11.5*	Ko	1	..	23253b
90	3672	6.5	− 0 14	9.0	*10.0*	Ko	4	..	23253b
91	3679	6.5	− 1 36	10.5	*11.3*	G5	2	..	23253b
92	4505	6.5	− 3 14	8.1	*8.1*	B8	6	..	13464b
93	5060	6.5	− 6 35	9.2	*9.7*	F8	3	..	38112b
94	4985	6.5	−10 45	8.8	*9.4*	Go	4	..	38112b
95	4900	6.5	−11 52	10.0	*11.4*	Mb	..	..	M
96	5320	6.5	−14 24	10.5	*11.5*	Ko	1	..	38064b
97	5321	6.5	−14 27	9.8	*9.8*	Ao	3	..	38064b
98	5268	6.5	−15 39	10.0	*11.2*	K5	1	..	38064b
99	5198	6.5	−16 28	9.1	*10.5*	Ma	2	..	38064b
100	5438	6.5	−20 6	9.3	10.4	K5	3	..	23765b

179200 — $19^h\ 6^m.5$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5292	6.5	−21 50	6.42	7.6	Ko	9	..	23765b
2	15152	6.5	−23 12	8.4	7.7	B5	9	..	23765b
3	15117	6.5	−24 36	10.1	9.8	Go	2	..	23765b
4	*13831*	6.5	−24 59	9.8	9.2	Ao	4	..	40432b
5	13832	6.5	−25 50	8.8	8.7	Go	5	..	40432b
6	13480	6.5	−34 53	8.98	10.4	K5	2	..	23725b
7	13390	6.5	−41 23	10.3	10.7	A2	2	..	39471b
8	14002	6.5	−42 44	9.1	8.7	A2	7	..	39471b
9	13204	6.5	−43 25	8.9	9.3	B9	8	..	39471b
10	12795	6.5	−47 32	8.5	9.0	F8	9	..	41441b
11	12796	6.5	−47 32	8.4	9.0				
12	7465	6.5	−59 12	9.0	10.2	G5	2	..	39381b
13	3781	6.5	−65 0	*8.9*	9.0	A2	3	..	41442b
14	1324	6.5	−76 1	*9.2*	9.7	F8	6	..	42793b
15	715	6.6	+77 31	7.47	*8.54*	K2	2	..	37224i
16	3504	6.6	+35 25	7.42	*7.56*	A5	3	0,3	38520i
17	3503	6.6	+35 12	9.22	*10.57*	Ma	..	..	M
18	3721	6.6	+15 37	7.15	*7.13*	B9	6	1,9	37202i
19	4010	6.6	+ 9 23	9.8	*10.3*	F8	4	..	23239b
20	3988	6.6	+ 7 49	7.9	*8.7*	G5	3	..	14171b
21	3813	6.6	+ 2 26	9.5	*10.5*	Ko	2	..	23253b
22	4506	6.6	− 3 56	9.3	*9.3*	B8	3	..	23253b
23	4881	6.6	− 8 8	9.6	*9.6*	Ao	3	..	38112b
24	4901	6.6	−11 48	10.0	*10.8*	G5	2	..	38064b
25	*5270*	6.6	−12 59	10.0	*11.0*	Ko	2	..	38064b
26	5269	6.6	−13 38	9.3	*9.3*	B9	6	..	38064b
27	5269	6.6	−15 20	10.2	*11.0*	G5	2	..	39391b
28	..	6.6	−15 21	..	..	A	1	..	39391b
29	5247	6.6	−18 26	10.2	*11.3*	K2	1	..	39391b
30	5439	6.6	−20 54	10.5	10.7	A2	2	..	23765b
31	5011	6.6	−22 22	8.8	8.3	Ao	8	..	23765b
32	15119	6.6	−24 40	6.85	7.2	Ao	10	..	23765b
33	13833	6.6	−25 5	8.96	8.9	A5	5	..	40432b
34	13376	6.6	−38 28	9.3	10.1	G5	2	..	40427b
35	13207	6.6	−43 52	9.5	9.7	A3	4	..	39471b
36	12875	6.6	−46 10	9.5	11.2	Mb	1	..	39471b
37	3625	6.6	−67 50	*9.8*	10.8	Ko	2	..	20541b
38	1161	6.7	+66 9	8.8	*9.9*	K2	2	..	38067i
39	1819	6.7	+61 31	8.29	*9.07*	G5	2	..	37970i
40	2637	6.7	+46 14	8.9	*9.7*	G5	1	..	37348i
41	3762	6.7	+11 47	9.8	*10.9*	K2	2	..	23239b
42	3761	6.7	+11 22	8.9	*9.7*	G5	4	..	23239b
43	4043	6.7	+ 6 40	9.8	*9.8*	Ao	5	..	23239b
44	4044	6.7	+ 6 19	8.5	*8.5*	Ao	4	..	14171b
45	4007	6.7	+ 4 39	10.5	*11.3*	G5	2	..	23239b
46	4885	6.7	− 2 33	9.1	*9.1*	B9	3	..	23253b
47	4988	6.7	−10 34	8.5	*8.8*	Fo	4	..	38112b
48	R	6.7	−20 30	*10.2*	11.0	G5	2	..	23765b
49	5295	6.7	−21 30	11.0	10.7	Ao	2	..	23765b
50	15157	6.7	−23 37	10.5	10.6	Go	2	..	23765b
51	14023	6.7	−33 26	9.3	9.5	Go	3	..	23725b
52	*13123*	6.7	−39 59	8.6	10.1	K5	3	..	39471b
53	14007	6.7	−42 35	9.7	9.5	B9	4	..	39471b
54	9024	6.7	−55 32	9.1	9.9	A2	'5	2,4	39381b
55	3782	6.7	−65 39	*9.1*	9.6	F8	3	0,2	20541b
56	928	6.8	+71 53	9.3	*9.4*	A2	2	..	38029i
57	1820	6.8	+61 26	8.30	*9.37*	K2	2	..	25616i
58	2089	6.8	+54 56	8.26	*8.32*	A2	3	..	38518i
59	3071	6.8	+44 23	8.9	*9.2*	Fo	3	..	37348i
60	3359	6.8	+37 55	8.0	*8.4*	F5	1	..	38520i
61	3818	6.8	+10 44	8.3	*9.3*	Ko	3	..	14171b
62	3817	6.8	+10 15	9.32	*9.32*	Ao	2	..	14171b
63	4045	6.8	+ 6 23	10.5	*10.9*	F5	2	..	23239b
64	4884	6.8	− 8 54	9.3	*9.3*	Ao	4	..	38112b
65	5249	6.8	−18 36	9.8	*9.9*	A3	4	..	23765b
66	5344	6.8	−19 24	8.5	8.3	F5	8	..	23765b
67	5342	6.8	−19 50	9.38	10.6	G5	2	..	23765b
68	5443	6.8	−20 13	10.5	9.8	A2	3	..	23765b
69	5441	6.8	−20 24	8.7	10.4	Ko	5	..	23765b
70	13682	6.8	−27 11	9.6	9.5	Ko	2	..	40432b
71	15518	6.8	−28 10	9.8	9.6	F2	2	..	40432b
72	15840	6.8	−29 49	8.53	8.5	B9	6	..	40432b
73	16460	6.8	−31 6	9.1	9.4	Ao	6	R	40432b
74	14962	6.8	−32 52	9.7	10.3	G5	1	..	23725b
75	13482	6.8	−34 39	10.3	10.2	F5	3	..	23725b
76	13209	6.8	−43 27	9.3	9.9	G5	5	..	39471b
77	*9127*	6.8	−55 58	*10.2*	10.2	Ao	4	..	39381b
78	*7596*	6.8	−57 59	*9.5*	10.5	Ko	2	..	39381b
79	3626	6.8	−67 21	*6.6*	7.6	Ko	..	0,7	**56**,144
80	3483	6.9	+31 28	7.14	*7.42*	Fo	4	..	37845i
81	3485	6.9	+31 9	8.0	*8.0*	B9	3	..	38501i
82	4011	6.9	+ 9 47	8.1	*8.1*	B8	4	..	14171b
83	3989	6.9	+ 7 52	10.1	*10.7*	Go	1	..	23239b
84	4060	6.9	+ 5 12	8.21	*9.28*	K2	5	..	14171b
85	4008	6.9	+ 4 38	8.0	*8.0*	Ao	3	..	38560i
86	4131	6.9	+ 0 44	10.5	*11.0*	F8	2	..	23253b
87	4886	6.9	− 2 42	9.2	*9.7*	F8	3	..	23253b
88	4886	6.9	− 7 3	10.0	*10.0*	B9	2	..	38112b
89	4885	6.9	− 8 40	9.2	*9.2*	Ao	4	..	38112b
90	5033	6.9	− 9 6	9.3	*9.2*	Ao	5	..	38112b
91	5034	6.9	− 9 26	9.3	*9.9*	Go	3	..	38112b
92	5201	6.9	−16 12	10.5	*10.8*	Fo	2	..	39391b
93	5250	6.9	−18 13	9.6	*10.6*	Ko	4	..	39391b
94	5444	6.9	−20 43	9.8	9.8	Go	4	..	23765b
95	5296	6.9	−21 1	10.5	10.6	F5	2	..	23765b
96	5012	6.9	−22 10	10.6	10.7	G	2	..	23765b
97	*15160*	6.9	−22 59	9.0	8.3	B9	7	..	23765b
98	14011	6.9	−42 45	8.3	8.9	Ko	6	..	39471b
99	13049	6.9	−45 36	9.1	10.2	K5	2	..	41441b
100	12388	6.9	−50 0	9.07	10.8	K2	1	..	41441b

179300 — 19h 6m.9

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	9289	6.9	−54 11	9.2	10.2	F5	5	..	39661b
2	9025	6.9	−55 4	9.48	10.2	F8	3	0,3	39381b
3	6057	6.9	−62 34	*8.0*	9.0	Ko	5	..	42464b
4	2963	6.9	−69 38	*9.4*	9.4	Ao	2	..	41442b
5	2354	7.0	+52 25	8.5	*8.9*	F5	2	..	38889i
6	3462	7.0	+38 23	8.0	*9.0*	Ko	1	..	38520i
7	3346	7.0	+32 55	8.6	*8.6*	Ao	2	..	38501i
8	3745	7.0	+25 13	8.16	*9.34*	K5	1	..	38511i
9	3586	7.0	+23 19	6.84	*6.82*	B9	6	..	38511i
10	3686	7.0	+21 5	7.6	*7.7*	A2	2	..	38523i
11	3817	7.0	+14 45	9.5	*9.5*	Ao	2	..	5555m
12	3933	7.0	+13 9	9.8	*9.8*	B9	1	..	5555m
13	3763	7.0	+11 50	8.0	*8.0*	B8	4	..	37202i
14	3990	7.0	+ 7 26	10.5	*11.3*	G5	2	..	23239b
15	4009	7.0	+ 4 11	7.7	*8.8*	K2	4	..	14171b
16	4133	7.0	+ 0 45	9.0	*9.0*	B8	5	*3,4*	21770b
17	4902	7.0	− 5 50	9.3	*9.8*	F8	2	..	38112b
18	4887	7.0	− 7 38	9.3	*9.3*	B8	4	..	38112b
19	5521	7.0	−17 10	9.2	*10.0*	G5	4	..	39391b
20	5445	7.0	−20 40	10.2	11.2	K5	1	..	23765b
21	15161	7.0	−23 53	9.1	8.7	F2	6	..	23765b
22	13935	7.0	−26 3	9.6	8.9	Ao	4	..	40432b
23	13936	7.0	−26 5	5.86	7.7	Ko	..	0,8	**56**,144
24	16773	7.0	−30 0	9.53	10.0	K2	1	..	40432b
25	16464	7.0	−31 51	7.8	8.5	G5	6	..	40432b
26	13421	7.0	−36 37	9.3	10.5	K2	1	..	40427b
27	13202	7.0	−44 33	9.3	10.2	Go	5	..	39471b
28	12878	7.0	−46 41	10.6	10.9	K2	1	..	39471b
29	9498	7.0	−53 29	*10.0*	10.5	F8	2	..	39661b
30	2351	7.0	−72 47	*8.4*	8.5	A2	5	..	42526b
31	*1116*	7.1	+68 1	9.0	*9.8*	G5	3	..	38067i
32	1893	7.1	+60 37	7.8	*8.8*	Ko	2	..	38518i
33	2766	7.1	+47 34	8.7	*9.7*	Ko	3	..	37348i
34	2638	7.1	+46 50	8.8	*9.3*	F8	2	..	37348i
35	2844	7.1	+45 43	8.8	*9.3*	F8	3	..	37348i
36	3172	7.1	+43 57	9.3	*9.6*	F2	3	..	37348i
37	3251	7.1	+41 20	9.3	*9.4*	A2	2	..	37348i
38	3227	7.1	+28 18	8.2	*8.5*	F	2	..	38501i
39	3818	7.1	+14 38	8.6	*9.2*	Go	2	0,5	37202i
40	3999	7.1	+ 8 32	9.8	*9.8*	B8	3	..	23239b
41	*4063*	7.1	+ 6 4	10.5	*10.9*	F5	1	..	23239b
42	4062	7.1	+ 5 56	10.1	*10.7*	Go	2	..	23239b
43	3815	7.1	+ 2 27	6.75	*6.73*	B9	7	..	38560i
44	3673	7.1	− 0 47	10.1	*10.1*	Ao	3	..	23253b
45	4719	7.1	− 4 38	8.3	*9.3*	Ko	3	..	38112b
46	4903	7.1	− 5 35	7.54	*8.04*	F8	7	..	38112b
47	4989	7.1	−10 22	9.6	*10.4*	G5	2	..	38112b
48	5522	7.1	−17 10	9.1	*9.1*	B9	4	..	38064b
49	5298	7.1	−21 14	10.2	10.3	Go	2	..	23765b
50	5297	7.1	−21 24	10.0	10.8	K5	2	..	23765b
51	15164	7.1	−23 25	8.8	10.4	Ko	3	..	23765b
52	15129	7.1	−24 12	9.3	10.1	Ko	2	..	23765b
53	15128	7.1	−24 56	10.1	9.8	Ao	3	..	40432b
54	15525	7.1	−28 4	9.8	9.5	A5	2	..	40432b
55	16465	7.1	−31 7	11.3	..	R3	1	..	39499b
56	14966	7.1	−32 26	9.0	9.7	Ko	3	..	23725b
57	14967	7.1	−32 30	9.0	9.8	Ko	3	..	23725b
58	13423	7.1	−36 27	9.9	10.1	K2	1	..	40427b
59	13174	7.1	−39 16	7.9	8.1	Ao	6	..	40427b
60	13395	7.1	−41 14	9.9	10.7	K5	2	..	39471b
61	14012	7.1	−42 51	9.9	10.3	Ko	2	..	39471b
62	12879	7.1	−46 2	9.5	10.8	K2	1	..	39471b
63	12800	7.1	−47 13	9.0	10.5	K5	2	0,1	39471b
64	9500	7.1	−53 43	*10.1*	10.2	A2	4	..	39661b
65	9128	7.1	−56 14	9.1	10.2	F8	4	..	39381b
66	3417	7.1	−66 50	5.57	5.7	A2	..	..	**56**,144
67	3073	7.2	+44 22	7.17	*7.31*	A5	7	..	37348i
68	3350	7.2	+33 9	7.6	*8.6*	Ko	2	..	38501i
69	3668	7.2	+24 59	8.46	*8.46*	Ao	2	..	38511i
70	3617	7.2	+22 13	var.	var.	Ao	3	R	38523i
71	3769	7.2	+16 8	10.5	*10.6*	A2	1	..	5555m
72	3819	7.2	+14 42	10.5	*10.5*	A	1	..	5555m
73	3937	7.2	+13 44	8.6	*8.6*	Ao	6	..	5555m
74	3764	7.2	+11 10	8.9	*9.5*	Go	1	..	14171b
75	3992	7.2	+ 7 46	9.8	*9.8*	B8	3	..	23239b
76	4010	7.2	+ 4 13	9.1	*9.7*	Go	3	..	21770b
77	*4134*	7.2	+ 1 2	10.1	*10.1*	Ao	2	..	23253b
78	3674	7.2	− 0 4	8.78	*9.56*	G5	2	..	13464b
79	5036	7.2	− 9 7	8.7	*8.7*	Ao	5	..	38112b
80	4904	7.2	−11 43	7.69	*8.69*	Ko	6	..	38112b
81	5307	7.2	−12 10	10.6	*10.7*	A2	2	..	38064b
82	5328	7.2	−14 5	9.8	*9.8*	Ao	2	..	38064b
83	5327	7.2	−14 24	8.1	*8.4*	F2	6	..	38064b
84	5325	7.2	−14 46	8.5	*9.3*	G5	2	..	38064b
85	5274	7.2	−15 11	8.9	*9.9*	Ko	3	..	38064b
86	5272	7.2	−15 40	11.1	*11.2*	A2	1	..	39391b
87	5345	7.2	−19 40	8.8	8.3	Ao	7	..	23765b
88	5446	7.2	−20 22	8.5	9.8	K2	3	..	23765b
89	13839	7.2	−25 42	9.6	9.2	Ao	3	..	40432b
90	16467	7.2	−31 54	8.0	9.2	Ko	4	..	40432b
91	9501	7.2	−53 33	7.7	8.0	F5	9	..	39661b
92	2352	7.2	−72 50	*7.6*	8.0	F5	6	..	42526b
93	848	7.2	−81 44	*8.6*	9.1	F8	3	..	21397b
94	3258	7.3	+42 26	7.38	*7.33*	B8	8	..	37348i
95	3253	7.3	+41 50	7.13	*7.11*	B9	8	..	37348i
96	3463	7.3	+38 44	7.8	*8.9*	K2	1	..	38520i
97	3351	7.3	+33 42	8.2	*9.2*	K	1	..	38501i
98	3881	7.3	+17 42	7.9	*7.9*	Ao	3	..	37202i
99	3939	7.3	+13 37	8.6	*8.7*	A3	5	..	5555m
100	3938	7.3	+13 24	10.5	*10.5*	A	1	..	5555m

179400 — $19^h\,7^m.3$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3941	7.3	+13 19	8.9	*9.5*	Go	3	..	5555m
2	..	7.3	+ 6 10	..	..	G5	1	..	23239b
3	4012	7.3	+ 4 48	10.5	*10.6*	A2	1	..	23239b
4	3927	7.3	+ 1 12	8.67	*8.67*	Ao	6	*1*,4	21770b
5	5063	7.3	− 6 38	8.6	*8.5*	B5	4	..	38112b
6	4887	7.3	− 8 7	5.37	*5.20*	B3	..	2,6	**56**,97
7	5308	7.3	−12 45	9.3	*9.1*	B2	3	R	38064b
8	5271	7.3	−13 4	10.0	*10.0*	B9	1	..	38064b
9	5448	7.3	−20 36	8.0	7.6	F5	8	..	23765b
10	5299	7.3	−21 18	10.0	9.6	Fo	4	..	23765b
11	15527	7.3	−28 51	10.5	10.1	A2	1	..	40432b
12	16780	7.3	−30 23	9.4	10.0	Ko	1	..	40432b
13	14015	7.3	−42 58	11.6	10.4	Ko	1	..	39471b
14	9502	7.3	−53 51	*10.1*	10.5	F5	2	..	39661b
15	9129	7.3	−56 13	9.0	9.7	F5	5	..	39381b
16	7279	7.3	−60 58	9.1	10.2	Ko	2	..	39381b
17	6058	7.3	−62 11	*9.5*	9.9	F5	1	..	42464b
18	4498	7.3	−63 23	*8.3*	9.3	Ko	4	..	42464b
19	3783	7.3	−65 24	6.71	7.0	B9	10	..	41442b
20	2947	7.4	+49 31	8.1	*9.1*	Ko	2	..	37392i
21	*3464*	7.4	+39 0	7.9	*9.1*	K5	1	..	38520i
22	3474	7.4	+26 34	6.32	*6.74*	F5	4	0,7	16006b
23	3882	7.4	+17 55	7.6	*7.9*	Fo	6	..	37202i
24	3822	7.4	+14 25	8.1	*8.1*	B9	4	0,7	37202i
25	3766	7.4	+11 18	7.7	*8.7*	Ko	3	..	14171b
26	4066	7.4	+ 5 38	10.5	*10.5*	Ao	4	..	23239b
27	4888	7.4	− 7 40	8.7	*9.7*	Ko	3	..	38112b
28	5330	7.4	−14 17	9.8	*9.8*	B9	4	..	38064b
29	15171	7.4	−23 0	11.0	11.0	G	2	..	23765b
30	15172	7.4	−23 23	11.9	11.7	A	2	..	23765b
31	16470	7.4	−31 56	9.0	9.2	Ao	4	..	40432b
32	*13055*	7.4	−44 58	10.6	11.1	K2	2	..	39471b
33	13054	7.4	−45 22	5.98	7.7	Ko	..	..	**56**,144
34	12562	7.4	−49 8	7.3	7.9	Ko	7	..	41441b
35	12393	7.4	−50 10	9.9	10.8	Ko	1	..	41441b
36	1117	7.5	+67 10	8.8	*9.6*	G5	2	..	38067i
37	1162	7.5	+66 23	8.9	*9.9*	Ko	1	..	38067i
38	1330	7.5	+64 13	8.3	*9.3*	Ko	2	..	38067i
39	3254	7.5	+41 27	9.0	*9.0*	A	2	..	37348i
40	3942	7.5	+13 45	8.6	*9.7*	K2	3	..	5555m
41	4012	7.5	+ 9 9	9.1	*9.1*	Ao	1	..	14171b
42	3993	7.5	+ 7 19	9.0	*9.4*	F5	3	..	14171b
43	4014	7.5	+ 4 12	9.1	*10.2*	K2	2	..	21770b
44	5309	7.5	−12 13	9.3	*9.9*	Go	2	..	38064b
45	5332	7.5	−14 37	9.6	*10.4*	G5	1	..	38064b
46	5203	7.5	−16 27	10.5	*11.0*	F8	2	..	39391b
47	5525	7.5	−17 17	9.6	*9.6*	Ao	2	..	38064b
48	5253	7.5	−18 9	10.5	*10.5*	Ao	3	..	39391b
49	5346	7.5	−19 2	9.3	8.6	Ao	7	..	23765b
50	R	7.5	−21 33	*10.9*	11.0	A2	2	..	23765b
51	..	7.5	−21 45	var.	var.	Md	..	R	M
52	13692	7.5	−27 34	8.6	9.8	K2	1	..	40432b
53	16474	7.5	−31 15	9.6	9.8	Ao	2	..	40432b
54	14035	7.5	−33 37	8.75	9.4	K2	3	..	23725b
55	13057	7.5	−45 10	9.5	10.5	Ko	3	..	39471b
56	13056	7.5	−45 39	10.1	10.8	G5	1	..	39471b
57	7466	7.5	−59 54	9.72	10.2	Fo	2	..	39381b
58	2847	7.6	+45 34	8.7	*8.7*	Ao	3	..	37348i
59	3668	7.6	+39 47	7.87	*9.05*	K5	1	..	38520i
60	3476	7.6	+26 6	7.42	*7.42*	Ao	3	..	38523i
61	3477	7.6	+26 5	7.40	*7.48*	A3	2	..	38523i
62	3770	7.6	+16 36	10.1	*10.2*	A2	1	..	5555m
63	3825	7.6	+10 9	9.02	*9.02*	Ao	4	..	14171b
64	*4002*	7.6	+ 9 0	9.8	*10.4*	Go	2	..	23239b
65	..	7.6	+ 8 59	..	..	Ao	1	..	23239b
66	4001	7.6	+ 8 42	10.5	*11.0*	F8	2	..	23239b
67	4003	7.6	+ 8 13	8.9	*9.2*	Fo	2	..	14171b
68	..	7.6	+ 7 26	..	..	Ko	1	..	23239b
69	4049	7.6	+ 6 41	10.5	*10.5*	Ao	2	..	23239b
70	4067	7.6	+ 5 59	9.5	*9.6*	A2	2	..	21770b
71	4906	7.6	− 5 15	8.7	*9.9*	K5	1	..	38112b
72	*5065*	7.6	− 5 57	9.6	*9.6*	B8	3	..	38112b
73	5310	7.6	−12 16	9.6	*10.6*	Ko	1	..	38064b
74	5255	7.6	−18 10	9.6	*9.6*	Ao	5	..	39391b
75	5449	7.6	−20 22	10.0	10.7	G5	2	..	23765b
76	5300	7.6	−21 26	10.6	10.1	Ao	3	..	23765b
77	5015	7.6	−22 33	9.3	9.6	A2	6	..	23765b
78	5014	7.6	−22 45	8.3	7.3	B9	9	..	23765b
79	16475	7.6	−31 5	9.1	9.7	Ao	3	..	40432b
80	14973	7.6	−32 50	9.0	10.0	K5	3	..	23725b
81	14037	7.6	−33 37	10.6	10.0	Go	2	..	23725b
82	13430	7.6	−36 25	9.3	9.6	A2	5	..	40427b
83	2844	7.7	+48 16	7.18	*7.24*	A2	6	0,8	37392i
84	3466	7.7	+38 37	7.51	*8.29*	G5	3	..	38520i
85	3506	7.7	+29 43	7.36	*8.36*	Ko	2	..	38501i
86	3725	7.7	+15 54	10.5	*10.5*	A	1	..	5555m
87	3724	7.7	+15 4	9.5	*9.6*	A2	2	..	5555m
88	3946	7.7	+13 11	9.3	*9.3*	Ao	2	..	5555m
89	4014	7.7	+ 9 28	9.8	*10.4*	Go	4	..	23239b
90	4050	7.7	+ 6 46	9.1	*9.7*	Go	5	..	23239b
91	4069	7.7	+ 5 52	7.40	*7.90*	F8	3	..	38560i
92	4068	7.7	+ 5 8	7.86	*8.86*	Ko	2	..	38560i
93	4016	7.7	+ 4 53	8.70	*9.20*	F8	5	3,3	23239b
94	3941	7.7	+ 3 23	9.0	*9.8*	G5	4	..	21770b
95	3819	7.7	+ 2 25	10.1	*10.1*	Ao	2	..	23253b
96	4512	7.7	− 3 22	9.6	*10.2*	Go	3	..	23253b
97	5311	7.7	−12 27	5.62	*6.62*	Ko	..	2,5-	**56**,144
98	5204	7.7	−16 56	10.0	*10.6*	Go	4	..	39391b
99	*13952*	7.7	−25 59	9.6	9.2	F8	3	..	40432b
100	16476	7.7	−31 11	9.4	9.7	F8	2	..	40432b

179500 **19h 7m.7**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13496	7.7	−34 18	9.9	9.7	F8	4	..	23725b
2	13401	7.7	−41 9	8.9	9.8	Ko	5	..	39471b
3	13059	7.7	−45 9	11.0	10.9	Go	1	..	39471b
4	9295	7.7	−54 2	8.8	9.4	F5	6	..	39661b
5	2156	7.8	+55 43	7.9	*9.0*	K2	2	..	38518i
6	3257	7.8	+41 36	8.1	*8.1*	B8	6	..	37348i
7	3885	7.8	+17 52	8.3	*8.4*	A5	2	..	37202i
8	3772	7.8	+16 54	9.5	*9.5*	Ao	3	..	5555m
9	..	7.8	+ 9 53	..	..	G5	2	..	23239b
10	4051	7.8	+ 6 43	9.5	*10.9*	Ma	2	..	23239b
11	4017	7.8	+ 4 35	8.7	*8.7*	B9	6	1,4	21770b
12	4514	7.8	− 3 35	9.3	*9.6*	F2	3	..	13464b
13	4513	7.8	− 3 43	8.7	*9.9*	K5	2	..	13464b
14	4907	7.8	− 5 12	10.2	*11.2*	Ko	1	..	38112b
15	*4890*	7.8	− 6 59	9.3	*9.3*	Ao	3	..	38112b
16	5041	7.8	− 9 52	8.91	*8.89*	B9	5	..	38112b
17	5275	7.8	−13 55	9.3	*10.1*	G5	2	..	38064b
18	5333	7.8	−14 37	7.81	*8.23*	F5	8	..	38064b
19	5017	7.8	−22 6	9.6	10.1	Ko	3	..	23765b
20	13699	7.8	−27 3	7.04	7.4	Fo	7	..	40432b
21	13219	7.8	−43 21	10.6	11.7	K2	1	..	39471b
22	12976	7.8	−48 3	7.4	8.2	G5	8	..	41441b
23	3418	7.8	−66 10	*9.1*	9.9	G5	2	..	20541b
24	1768	7.8	−74 58	8.75	9.7	K2	2	..	42526b
25	1044	7.9	+68 21	9.6	*10.1*	F8	2	..	38067i
26	3350	7.9	+32 26	8.8	*10.2*	Mb	..	..	M
27	3497	7.9	+31 7	5.77	*5.77*	Ao	8	..	38501i
28	*4076*	7.9	+21 3	7.9	*8.0*	A2	2	..	38523i
29	3826	7.9	+14 49	9.8	*10.8*	K	1	..	5555m
30	3849	7.9	+12 32	8.7	*9.7*	Ko	4	..	23239b
31	3771	7.9	+11 53	8.3	*8.6*	F2	4	..	14171b
32	4074	7.9	+ 5 19	10.1	*10.2*	A2	2	..	23239b
33	*3942*	7.9	+ 4 1	9.1	*9.1*	Ao	3	..	21770b
34	3820	7.9	+ 2 21	10.5	*10.5*	B9	2	..	23253b
35	4136	7.9	+ 0 18	10.5	*11.3*	G5	1	..	23253b
36	4724	7.9	− 4 9	8.1	*9.2*	K2	5	..	38112b
37	5067	7.9	− 6 39	9.6	*9.6*	B8	2	..	38112b
38	4891	7.9	− 7 19	10.2	*10.2*	B9	2	..	38112b
39	5044	7.9	− 9 21	10.2	*10.7*	F8	2	..	38112b
40	4991	7.9	−10 26	9.3	*10.3*	Ko	2	..	38112b
41	4909	7.9	−11 10	9.3	*9.6*	Fo	2	..	38112b
42	*5206*	7.9	−15 58	9.6	*9.7*	A3	4	..	38064b
43	5207	7.9	−16 52	10.5	*10.6*	A2	5	..	39391b
44	5451	7.9	−20 22	9.6	10.8	Ko	2	..	23765b
45	5019	7.9	−22 7	9.1	8.3	Ao	7	..	23765b
46	R	7.9	−22 30	11.3	11.0	Ao	2	..	23765b
47	5018	7.9	−22 41	9.6	10.6	Ko	3	..	23765b
48	15179	7.9	−23 7	8.1	9.5	K2	5	3,4	23765b
49	15138	7.9	−24 21	11.9	9.8	Ao	3	..	23765b
50	13954	7.9	−26 47	10.3	9.6	F8	1	..	40432b
51	13137	7.9	−40 32	7.5	8.6	Ko	8	..	39471b
52	14024	7.9	−42 21	10.6	10.1	A3	2	..	39471b
53	13221	7.9	−43 16	8.9	10.2	K2	5	..	39471b
54	13062	7.9	−45 36	9.2	9.3	F8	4	..	41441b
55	1769	7.9	−74 51	7.75	8.2	Ao	7	..	42526b
56	1873	8.0	+58 18	7.62	*8.80*	K5	4	..	38518i
57	1872	8.0	+58 6	7.72	*8.00*	Fo	6	..	38518i
58	3774	8.0	+16 41	7.9	*8.7*	G5	7	5,2	5555m
59	3726	8.0	+15 19	8.7	*8.7*	Ao	6	..	5555m
60	3727	8.0	+15 18	8.7	*8.7*	B9	5	..	5555m
61	3851	8.0	+12 43	9.0	*9.0*	Ao	3	..	23239b
62	3827	8.0	+10 52	9.1	*9.2*	A2	1	..	14171b
63	4015	8.0	+ 9 21	9.1	*9.9*	G5	5	..	23239b
64	4004	8.0	+ 8 26	7.60	*7.60*	Ao	6	..	14171b
65	4052	8.0	+ 6 7	8.9	*9.9*	Ko	1	..	21770b
66	3929	8.0	+ 1 8	10.5	*11.6*	K2	1	..	23253b
67	4516	8.0	− 3 37	8.7	*8.7*	Ao	4	..	13464b
68	4910	8.0	−11 45	9.6	*9.6*	Ao	2	..	38112b
69	5335	8.0	−14 5	9.6	*10.1*	F8	2	..	38064b
70	5278	8.0	−15 36	9.8	*10.1*	F2	2	..	38064b
71	5279	8.0	−15 43	9.6	*9.6*	Ao	3	..	38064b
72	5208	8.0	−16 10	8.7	*9.7*	Ko	5	..	38064b
73	5527	8.0	−17 0	9.3	*10.1*	G5	5	..	39391b
74	5348	8.0	−19 36	9.8	9.6	Ao	4	..	23765b
75	15180	8.0	−23 22	10.3	9.8	A2	3	8,5	21839b
76	14979	8.0	−32 36	8.4	9.1	Ko	4	..	40432b
77	14044	8.0	−33 54	8.3	9.5	K2	4	..	23725b
78	13435	8.0	−36 25	9.9	9.4	A2	4	..	40427b
79	13433	8.0	−36 45	8.6	9.6	K2	2	..	40427b
80	14026	8.0	−42 30	9.7	9.8	A3	5	..	39471b
81	14027	8.0	−42 30	10.1	9.8	A3	4	..	39471b
82	13210	8.0	−44 25	11.6	10.8	Go	2	..	39471b
83	3620	8.1	+40 16	6.12	*6.12*	Ao	9	..	37348i
84	4077	8.1	+20 20	8.6	*9.1*	F8	1	..	38511i
85	*3981*	8.1	+19 2	8.0	*8.0*	Ao	2	..	38511i
86	3887	8.1	+17 50	7.22	*7.50*	Fo	6	..	37202i
87	*3776*	8.1	+17 0	8.5	*8.6*	A2	5	..	5555m
88	3775	8.1	+16 40	6.44	*6.42*	B9	8	..	37202i
89	3777	8.1	+16 8	8.4	*8.5*	A5	5	..	5555m
90	3949	8.1	+13 13	8.5	*9.3*	G5	2	..	5555m
91	3828	8.1	+10 17	10.5	*10.5*	Ao	4	..	23239b
92	4016	8.1	+ 9 59	10.5	*11.1*	Go	2	..	23239b
93	..	8.1	+ 9 49	..	..	Ao	1	..	23239b
94	4017	8.1	+ 9 22	10.5	*11.0*	F8	4	..	23239b
95	4018	8.1	+ 9 6	9.1	*9.7*	Go	4	..	23239b
96	4019	8.1	+ 4 46	7.9	*8.3*	F5	3	..	38560i
97	3930	8.1	+ 1 44	9.5	*9.5*	Ao	3	..	21770b
98	4908	8.1	− 5 34	9.6	*10.0*	F5	2	..	38112b
99	5045	8.1	− 9 0	10.0	*10.8*	G5	1	..	38112b
100	4994	8.1	−10 31	8.7	*9.2*	F8	4	..	38112b

179600 — 19h 8m.1

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4912	8.1	−11 24	8.7	*8.7*	B9	4	..	38112b
2	5528	8.1	−17 43	10.0	*10.0*	Ao	3	..	39391b
3	5529	8.1	−17 51	10.5	*11.5*	Ko	1	..	39391b
4	5347	8.1	−19 2	var.	var.	Mb	2	R	23765b
5	5349	8.1	−19 6	10.5	9.8	Ao	4	..	23765b
6	*5453*	8.1	−19 57	10.5	11.7	K5	1	..	23765b
7	R	8.1	−21 11	*10.3*	10.7	F5	2	..	23765b
8	5301	8.1	−21 23	9.1	8.9	Fo	7	..	23765b
9	5021	8.1	−22 14	6.92	7.3	Ao	10	..	23765b
10	15181	8.1	−23 15	9.1	9.8	G5	4	5,3	23765b
11	13958	8.1	−26 42	10.5	9.5	A5	1	..	40432b
12	13957	8.1	−26 45	9.8	10.5	Mb	..	..	M
13	15870	8.1	−29 27	8.2	9.1	G5	6	..	40432b
14	13211	8.1	−44 30	11.6	10.8	Ao	2	..	39471b
15	6359	8.1	−61 15	*9.5*	10.5	Ko	1	..	39381b
16	6059	8.1	−62 0	*7.4*	7.7	Fo	8	..	42464b
17	2738	8.2	+50 33	8.5	*8.6*	A2	2	..	37392i
18	3622	8.2	+40 31	8.4	*8.4*	A	2	..	37348i
19	3511	8.2	+29 33	8.8	*8.8*	A	1	..	38501i
20	4019	8.2	+ 9 52	10.5	*11.0*	F8	2	..	23239b
21	4020	8.2	+ 9 36	10.1	*10.2*	A2	3	..	23239b
22	4053	8.2	+ 6 20	9.1	*9.2*	A3	6	..	23239b
23	4076	8.2	+ 5 58	9.5	*9.6*	A2	2	..	21770b
24	3931	8.2	+ 1 24	9.5	*10.9*	Ma	1	..	23253b
25	4139	8.2	+ 0 23	9.8	*9.8*	B8	3	..	23253b
26	3676	8.2	− 0 45	9.3	*9.9*	Go	5	.	23253b
27	4894	8.2	− 2 33	10.2	*10.2*	Ao	2	..	23253b
28	4909	8.2	− 5 5	9.6	*9.6*	B9	2	..	38112b
29	5281	8.2	−15 54	10.0	*11.1*	K2	2	..	39391b
30	5209	8.2	−16 51	8.7	*9.0*	Fo	5	..	38064b
31	..	8.2	−17 36	var.	var.	Md	..	R	M
32	5258	8.2	−18 43	10.2	*10.2*	Ao	7	..	39391b
33	5454	8.2	−20 6	9.33	10.8	K5	2	..	23765b
34	5455	8.2	−20 18	10.5	11.0	K	1	..	23765b
35	5456	8.2	−20 54	10.2	10.1	A3	3	..	23765b
36	R	8.2	−21 1	*11.5*	11.5	Ao	2	..	23765b
37	15184	8.2	−23 6	11.0	10.8	F5	3	..	23765b
38	15185	8.2	−23 31	10.8	11.2	Go	2	..	23765b
39	15545	8.2	−28 51	9.6	9.8	F5	1	..	40432b
40	*14984*	8.2	−31 58	9.3	9.7	Go	2	..	23725b
41	14983	8.2	−32 47	10.8	11.0	Mb	1	..	39499b
42	13112	8.2	−37 34	8.3	8.7	A2	7	..	40427b
43	13182	8.2	−39 49	10.3	9.8	F8	5	..	39471b
44	13212	8.2	−44 50	9.41	10.2	G5	4	..	39471b
45	12890	8.2	−46 21	9.3	10.5	Ko	2	..	39471b
46	9298	8.2	−54 51	*10.7*	10.8	A3	2	*1,2*	39661b
47	3593	8.3	+23 17	8.0	*8.1*	A2	3	..	38523i
48	3690	8.3	+21 23	5.90	*5.90*	Ao	7	..	38523i
49	3778	8.3	+16 29	9.0	*9.0*	Ao	4	..	5555m
50	..	8.3	+ 9 49	..	..	A2	2	..	23239b
51	4021	8.3	+ 9 23	9.3	*9.9*	Go	5	..	23239b
52	4054	8.3	+ 6 27	10.5	*11.1*	Go	3	..	23239b
53	4077	8.3	+ 5 53	10.5	*10.5*	B9	2	..	23239b
54	4078	8.3	+ 5 17	10.1	*11.2*	K2	3	..	23239b
55	5315	8.3	−12 55	9.3	*9.3*	B9	5	..	38064b
56	5338	8.3	−14 52	9.8	*9.9*	A2	3	..	39391b
57	5210	8.3	−16 13	9.8	*11.0*	K5	2	..	38064b
58	5260	8.3	−18 14	9.6	*10.2*	Go	4	..	39391b
59	5350	8.3	−19 48	9.8	9.8	F8	3	..	23765b
60	R	8.3	−21 35	*11.5*	11.5	A	2	..	23765b
61	R	8.3	−21 58	*11.7*	11.7	Ao	2	..	23765b
62	5022	8.3	−22 7	10.0	10.8	G5	2	..	23765b
63	5023	8.3	−22 53	10.0	11.2	K5	1	..	23765b
64	15190	8.3	−23 30	10.5	10.7	F5	3	..	23765b
65	13851	8.3	−25 31	9.3	10.1	K2	1	..	40432b
66	13714	8.3	−27 23	10.3	9.5	Ao	2	..	40432b
67	13715	8.3	−27 34	8.8	7.7	Ao	7	..	40432b
68	15549	8.3	−28 58	9.6	8.9	B8	4	..	40432b
69	16800	8.3	−30 1	6.98	8.5	K5	7	..	40432b
70	16486	8.3	−31 51	9.6	9.7	F8	2	..	23725b
71	13503	8.3	−34 15	8.6	9.3	Ko	5	..	23725b
72	13438	8.3	−36 32	8.9	9.1	A3	6	..	40427b
73	13440	8.3	−36 37	9.9	10.1	F5	2	..	40427b
74	13142	8.3	−40 16	10.3	10.4	Ko	2	..	39471b
75	13144	8.3	−40 54	9.3	10.1	K5	3	..	39471b
76	12397	8.3	−50 22	9.9	10.0	Go	1	..	41441b
77	9029	8.3	−55 10	8.10	8.4	A2	8	..	39661b
78	9133	8.3	−56 33	8.7	9.7	F5	3	..	39381b
79	9351	8.3	−57 21	*9.7*	10.2	F8	2	..	39381b
80	9352	8.3	−57 31	*10.4*	10.5	A2	1	..	39381b
81	7467	8.3	−59 13	*10.3*	10.8	F8	1	..	39381b
82	2606	8.3	−70 19	*9.9*	9.9	Ao	4	0,3	42526b
83	1166	8.4	+66 7	9.5	*10.3*	G5	1	..	38067i
84	...	8.4	+ 6 19	..	..	Ao	2	..	23239b
85	4021	8.4	+ 4 39	9.3	*9.3*	Ao	5	0,2	23239b
86	4725	8.4	− 4 36	9.3	*9.3*	Ao	3	..	38112b
87	4913	8.4	−11 23	7.96	*9.03*	K2	4	..	38112b
88	5339	8.4	−14 13	7.27	*8.27*	Ko	7	..	38064b
89	5340	8.4	−14 34	10.0	*11.1*	K2	1	..	38064b
90	*5282*	8.4	−14 59	9.06	*10.41*	Ma	3	..	39391b
91	5211	8.4	−16 4	8.1	*9.1*	Ko	4	..	38064b
92	5531	8.4	−17 32	10.5	*10.5*	Ao	1	..	39391b
93	R	8.4	−21 44	*10.5*	10.8	F2	2	..	23765b
94	13718	8.4	−27 42	11.3	9.8	Ao	1	..	40432b
95	15872	8.4	−29 25	7.12	7.8	A3	9	..	40432b
96	16490	8.4	−31 1	8.0	8.5	G5	7	..	40432b
97	16489	8.4	−31 15	9.4	8.5	Ao	7	..	40432b
98	16488	8.4	−31 29	9.8	9.8	Go	1	..	40432b
99	13186	8.4	−39 51	7.85	8.4	Go	9	..	39471b
100	13410	8.4	−41 55	9.3	10.9	Mb	1	..	39471b

179700 — $19^h\,8^m.4$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14036	8.4	−42 0	10.1	10.9	Ko	1	..	39471b
2	13228	8.4	−43 51	9.7	10.8	Go	2	..	39471b
3	12398	8.4	−50 49	9.2	8.5	Ao	7	..	41441b
4	9030	8.4	−55 30	*10.0*	10.5	F8	1	..	39381b
5	2525	8.5	+51 11	8.1	*8.6*	F8	2	..	38889i
6	3676	8.5	+39 50	8.0	*8.0*	Ao	3	..	38561b
7	3675	8.5	+39 46	7.22	*8.29*	K2	3	..	37561i
8	3354	8.5	+32 4	7.6	*7.6*	Ao	7	0,4	38501i
9	3464	8.5	+30 10	7.61	*7.61*	Ao	4	..	38501i
10	3890	8.5	+17 20	8.4	*8.4*	B9	4	..	37202i
11	3774	8.5	+11 51	7.6	*7.6*	Ao	3	..	37202i
12	4022	8.5	+ 9 59	10.5	*11.3*	G5	2	..	23239b
13	4023	8.5	+ 9 45	10.5	*11.0*	F8	2	..	23239b
14	3823	8.5	+ 2 10	9.3	*9.3*	B9	4	..	21770b
15	3934	8.5	+ 1 20	10.5	*11.3*	G5	1	..	23253b
16	5072	8.5	− 6 4	9.1	*9.2*	A3	3	..	38112b
17	5071	8.5	− 6 32	10.0	*10.5*	F8	1	..	38112b
18	5316	8.5	−12 16	8.3	*8.3*	Ao	6	2,2	38112b
19	5341	8.5	−14 15	9.6	*9.6*	Ao	3	..	38064b
20	..	8.5	−15 39	..	..	Ao	1	..	38064b
21	5212	8.5	−16 25	10.5	*10.9*	F5	3	..	39391b
22	5262	8.5	−18 5	7.9	*8.7*	G5	7	..	39391b
23	5352	8.5	−19 36	10.0	9.8	A2	3	..	23765b
24	15147	8.5	−24 0	9.6	10.1	F5	2	..	23765b
25	13721	8.5	−27 30	8.8	8.0	Ao	7	..	40432b
26	13215	8.5	−44 39	10.1	10.4	F8	3	..	39471b
27	11403	8.5	−52 14	8.3	8.9	K2	4	..	41414b
28	2967	8.5	−69 35	*8.9*	8.9	Ao	4	..	41442b
29	932	8.6	+71 55	7.00	*7.50*	F8	6	..	38029i
30	2158	8.6	+55 13	8.21	*8.21*	Ao	4	..	38518i
31	2952	8.6	+49 55	8.47	*8.53*	A2	2	..	37392i
32	3263	8.6	+41 56	8.9	*9.2*	F	2	..	37348i
33	3677	8.6	+39 15	7.33	*7.33*	Ao	6	..	38520i
34	3455	8.6	+34 12	7.9	*8.9*	Ko	2	..	37885i
35	3514	8.6	+29 50	8.2	*8.3*	A2	2	..	38501i
36	3677	8.6	+24 24	8.0	*8.4*	F5	2	..	38523i
37	4024	8.6	+ 9 31	7.9	*8.9*	Ko	2	..	14171b
38	..	8.6	+ 7 34	..	..	A3	1	..	23239b
39	4058	8.6	+ 6 29	7.7	*7.8*	A2	3	..	38560i
40	4057	8.6	+ 6 18	10.5	*10.5*	Ao	2	..	23239b
41	4079	8.6	+ 5 36	9.8	*9.8*	Ao	1	..	21770b
42	4022	8.6	+ 4 6	7.6	*7.9*	Fo	4	..	38560i
43	4897	8.6	− 2 1	8.5	*8.5*	B9	4	..	13464b
44	5213	8.6	−16 26	11.0	*11.3*	F2	1	..	39391b
45	5024	8.6	−22 8	10.7	*11.0*	A	2	..	23765b
46	5025	8.6	−22 15	9.1	8.6	B9	7	..	23765b
47	5026	8.6	−22 41	10.2	10.7	K	1	..	23765b
48	15554	8.6	−28 12	10.3	8.7	Ao	4	..	40432b
49	16804	8.6	−30 28	9.6	9.2	G5	4	..	40432b
50	13509	8.6	−34 7	8.6	8.5	A3	7	..	23725b
51	9301	8.6	−54 37	*10.0*	10.8	G5	1	..	39661b
52	9135	8.6	−56 7	8.5	9.6	G5	4	..	39381b
53	9134	8.6	−56 31	8.1	8.4	A3	5	..	39381b
54	2607	8.6	−70 53	*9.8*	9.9	A3	3	..	42526b
55	1821	8.7	+61 46	7.78	*8.96*	K5	1	..	37970i
56	3439	8.7	+36 27	7.8	*9.0*	K5	1	..	38561i
57	3985	8.7	+18 58	8.3	*8.6*	Fo	2	..	38511i
58	3775	8.7	+11 10	6.94	*7.72*	G5	4	..	37202i
59	3831	8.7	+10 6	10.5	*10.6*	A2	3	..	23239b
60	4006	8.7	+ 8 15	10.5	*11.6*	K2	1	..	23239b
61	3824	8.7	+ 2 7	5.10	*5.05*	B8	..	0,10	56,97
62	4899	8.7	− 2 55	9.3	*10.3*	Ko	1	..	23253b
63	5047	8.7	− 9 0	9.3	*10.4*	K2	1	..	38112b
64	5002	8.7	−10 8	8.9	*9.7*	G5	4	..	38112b
65	5283	8.7	−15 45	10.6	*10.7*	A2	1	..	38064b
66	..	8.7	−16 17	..	..	Go	2	..	39391b
67	5266	8.7	−18 14	8.5	*8.8*	Fo	8	..	39391b
68	5264	8.7	−18 20	9.6	*9.9*	F	4	..	39391b
69	..	8.7	−18 59	var.	var.	Md	..	R	M
70	5303	8.7	−21 25	9.6	9.2	A2	6	..	23765b
71	13510	8.7	−34 28	7.9	8.8	Ko	5	..	23725b
72	13148	8.7	−40 11	10.6	10.1	F5	2	..	39471b
73	13231	8.7	−43 35	10.6	10.7	Go	2	..	39471b
74	12896	8.7	−46 1	9.5	11.2	K5	1	..	39471b
75	11405	8.7	−52 37	6.86	7.3	Ko	7	..	41414b
76	3784	8.7	−65 50	*9.1*	10.1	Ko	2	2,1	20541b
77	3630	8.7	−67 6	*9.4*	9.9	F8	2	..	20541b
78	904	8.7	−80 26	*7.9*	8.9	Ko	2	..	14161b
79	*1331*	8.8	+65 1	8.61	*8.61*	Ao	3	..	38067i
80	2527	8.8	+51 51	7.88	*7.88*	Ao	3	..	37392i
81	2640	8.8	+46 29	9.0	*10.0*	K	2	..	37348i
82	*3523*	8.8	+36 0	6.80	*6.80*	Ao	7	..	38520i
83	3695	8.8	+21 44	8.2	*8.3*	A2	1	..	38523i
84	3829	8.8	+14 52	6.66	*7.66*	Ko	4	..	37202i
85	3830	8.8	+14 46	7.44	*8.51*	K2	3	..	37202i
86	3831	8.8	+14 26	7.78	*8.96*	K5	2	..	37202i
87	3832	8.8	+10 25	10.5	*10.5*	Ao	1	R	23239b
88		8.8	+10 25			Ao	2		
89	4026	8.8	+ 9 31	10.5	*11.1*	Go	3	..	23239b
90	4060	8.8	+ 6 18	10.1	*10.0*	B5	4	..	23239b
91	4081	8.8	+ 5 20	6.34	*6.40*	A2	8	..	38560i
92	4080	8.8	+ 5 8	8.81	*9.88*	K2	4	..	23239b
93	4025	8.8	+ 4 49	8.7	*8.7*	B9	5	0,5	14171b
94	4026	8.8	+ 4 38	9.5	*10.0*	F8	5	6,2	23239b
95	4143	8.8	+ 0 50	10.5	*10.5*	B9	1	..	23253b
96	3678	8.8	− 0 5	8.78	*9.34*	Go	5	..	23253b
97	3677	8.8	− 0 35	9.5	*9.6*	A2	2	..	23253b
98	4901	8.8	− 2 0	9.2	*9.7*	F8	3	..	23253b
99	4900	8.8	− 8 54	6.54	*7.54*	Ko	..	0,3-	56,144
100	5318	8.8	−12 8	9.8	*10.8*	Ko	1	..	38112b

179800 — 19h8m.8

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5317	8.8	−12 46	8.9	*9.3*	F5	6	..	38064b
2	..	8.8	−14 22	..	..	Ao	1	..	39391b
3	..	8.8	−16 0	..	..	Go	1	..	39391b
4	5459	8.8	−20 6	9.13	9.6	Fo	5	..	23765b
5	5304	8.8	−21 49	10.2	9.6	Ao	5	..	23765b
6	15557	8.8	−28 24	9.8	9.8	Ko	1	..	40432b
7	15555	8.8	−28 36	10.3	9.8	F8	1	..	40432b
8	*13331*	8.8	−34 59	7.5	7.5	Ao	7	..	40427b
9	13450	8.8	−36 53	8.9	9.1	B9	5	..	40427b
10	13189	8.8	−39 2	7.7	8.6	Ko	5	..	40427b
11	13191	8.8	−39 23	7.8	8.3	B8	8	..	40427b
12	13151	8.8	−40 3	9.58	9.8	F5	4	..	39471b
13	13415	8.8	−41 17	8.6	9.5	G5	7	..	39471b
14	12983	8.8	−48 39	7.5	7.9	F8	7	..	41441b
15	9033	8.8	−55 38	*10.5*	10.8	Fo	1	..	39381b
16	7599	8.8	−58 27	*9.4*	10.8	Ma	1	..	39381b
17	3178	8.9	+43 42	7.9	*7.9*	B9	6	..	37348i
18	3470	8.9	+30 25	9.2	*9.2*	A	1	..	38501i
19	4061	8.9	+ 6 21	10.5	*10.6*	A2	6	..	23239b
20	3825	8.9	+ 2 26	8.9	*10.3*	Ma	2	..	21770b
21	3679	8.9	− 0 3	8.38	*9.16*	G5	4	..	23253b
22	3682	8.9	− 1 53	9.8	*10.6*	G5	2	..	23253b
23	5049	8.9	− 9 28	10.2	*10.2*	Ao	3	..	38112b
24	5343	8.9	−14 38	9.1	*10.2*	K2	2	..	38064b
25	5353	8.9	−19 9	8.9	8.9	Ko	6	..	23765b
26	5305	8.9	−21 24	9.6	9.8	Ko	4	..	23765b
27	R	8.9	−21 51	*10.6*	10.6	A	2	..	23765b
28	5027	8.9	−22 12	9.8	9.6	Ao	5	..	23765b
29	13974	8.9	−26 3	9.6	9.5	A5	3	..	40432b
30	13333	8.9	−35 20	8.6	9.4	K5	2	..	40427b
31	13116	8.9	−37 8	6.78	7.3	A3	9	..	40427b
32	12575	8.9	−49 24	8.6	9.7	Ko	5	..	41441b
33	9305	8.9	−54 48	9.2	10.2	Ko	3	2,1	39661b
34	6360	8.9	−61 29	*9.6*	9.6	Ao	2	..	42464b
35	1029	9.0	+69 36	9.0	*9.1*	A3	2	..	38029i
36	*2100*	9.0	+55 2	8.76	*8.84*	A3	2	..	38889i
37	3264	9.0	+41 41	7.9	*8.2*	Fo	4	..	37348i
38	*3240*	9.0	+29 3	6.93	*6.93*	Ao	4	..	38501i
39	3833	9.0	+10 48	9.8	*10.2*	F5	5	..	23239b
40	3999	9.0	+ 7 42	9.8	*10.6*	G5	3	..	23239b
41	4027	9.0	+ 4 44	9.3	*10.1*	G5	5	5,2	23239b
42	3826	9.0	+ 2 54	9.5	*9.5*	B9	3	..	21770b
43	3680	9.0	− 0 43	10.5	*11.5*	Ko	1	..	23253b
44	4902	9.0	− 2 18	9.6	*9.6*	B8	2	..	23253b
45	*4727*	9.0	− 3 56	9.8	*9.9*	A3	2	..	23253b
46	4915	9.0	− 5 52	7.9	*7.9*	B8	6	..	38112b
47	4902	9.0	− 8 2	8.0	*9.0*	Ko	6	..	38112b
48	5005	9.0	−10 8	9.6	*9.6*	B9	3	..	38112b
49	*5281*	9.0	−12 59	8.7	*9.7*	Ko	5	..	38064b
50	5280	9.0	−13 34	10.2	*10.3*	A2	2	..	39391b
51	5284	9.0	−15 34	9.6	*10.7*	K2	1	..	38064b
52	5534	9.0	−17 12	9.3	*10.1*	G5	3	..	38064b
53	5535	9.0	−17 32	7.38	*7.44*	A2	7	..	38064b
54	5536	9.0	−17 54	9.3	*10.4*	K2	3	..	39391b
55	5267	9.0	−18 41	9.3	9.3	Ao	7	..	39391b
56	5460	9.0	−20 13	9.3	9.3	F5	5	..	23765b
57	5028	9.0	−22 37	9.2	10.7	Ma	3	5,1	23765b
58	13976	9.0	−26 6	10.8	10.1	A2	1	..	40432b
59	16815	9.0	−30 29	10.3	10.0	Go	1	..	40432b
60	14994	9.0	−32 23	7.7	8.0	A2	7	..	40432b
61	14995	9.0	−32 37	10.1	9.4	Ao	3	..	23725b
62	9136	9.0	−56 12	8.4	9.9	Ko	3	..	39381b
63	7600	9.0	−58 23	*9.3*	9.6	Fo	5	..	39381b
64	3632	9.0	−67 43	*9.1*	9.9	G5	2	..	20541b
65	3631	9.0	−67 56	*9.2*	9.8	Go	3	..	20541b
66	2354	9.0	−72 49	*7.5*	8.0	F8	6	..	42526b
67	1169	9.1	+66 57	8.1	*9.1*	Ko	2	..	38067i
68	1958	9.1	+57 36	9.0	*9.8*	G5	2	..	38518i
69	*3624*	9.1	+41 4	7.33	*8.68*	Ma	4	..	37348i
70	4007	9.1	+ 8 51	7.35	*8.35*	Ko	5	..	14171b
71	4029	9.1	+ 4 53	9.50	*9.78*	Fo	1	..	21770b
72	3683	9.1	− 1 19	7.48	*8.55*	K2	5	0,2	13464b
73	4523	9.1	− 3 4	10.2	*11.0*	G5	1	..	23253b
74	4522	9.1	− 3 40	7.9	*8.5*	Go	5	..	13464b
75	4894	9.1	− 7 20	9.6	*9.7*	A5	3	..	38112b
76	4903	9.1	− 8 40	9.2	*10.4*	K5	1	..	38112b
77	5051	9.1	− 9 6	9.6	*10.2*	G	1	..	38112b
78	4916	9.1	−11 41	9.1	*10.3*	K5	2	..	38112b
79	..	9.1	−13 40	..	..	A	1	..	39391b
80	5344	9.1	−14 37	10.0	*10.5*	F8	2	..	38064b
81	..	9.1	−16 8	..	..	Ko	1	..	39391b
82	5462	9.1	−20 38	10.5	10.8	Ao	2	..	23765b
83	16817	9.1	−30 0	9.88	9.8	F5	1	..	40432b
84	13520	9.1	−34 27	8.9	9.4	Ko	3	..	23725b
85	13154	9.1	−40 54	11.0	10.1	A5	2	..	39471b
86	13072	9.1	−45 39	5.32	7.6	Ko	..	..	**56,144**
87	12407	9.1	−50 10	7.76	8.1	Fo	8	..	41441b
88	9034	9.1	−55 27	*10.0*	10.8	G5	1	..	39381b
89	495	9.1	−85 13	*8.2*	9.0	G5	5	..	14161b
90	2641	9.2	+46 8	8.9	*9.7*	G5	2	..	37348i
91	3517	9.2	+29 52	8.0	*8.0*	Ao	2	..	38501i
92	4000	9.2	+ 7 20	7.6	*7.7*	A2	3	..	38560i
93	4146	9.2	+ 0 32	9.8	*10.8*	Ko	2	..	23253b
94	4147	9.2	+ 0 7	9.28	*9.84*	Go	3	..	23253b
95	4895	9.2	− 7 22	10.5	*10.5*	B9	2	..	38112b
96	*5052*	9.2	− 8 59	9.3	*10.1*	G5	2	..	38112b
97	4918	9.2	−11 3	9.2	*9.5*	F2	2	..	38112b
98	5286	9.2	−15 8	10.2	*10.2*	Ao	1	..	38064b
99	5285	9.2	−15 28	10.5	*11.0*	F8	2	..	39391b
100	5214	9.2	−16 12	10.2	*10.8*	Go	4	..	39391b

179900 — 19h 9m.2

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5537	9.2	−17 16	9.3	*9.4*	A2	3	..	38064b
2	5306	9.2	−21 55	10.2	10.1	A2	4	..	23765b
3	15889	9.2	−29 39	9.4	9.8	Ko	1	..	40432b
4	14068	9.2	−33 43	7.38	7.4	Ao	8	..	23725b
5	13157	9.2	−40 14	9.3	10.1	G5	4	..	39471b
6	7468	9.2	−59 24	*9.8*	10.8	Ko	1	..	39381b
7	933	9.3	+71 8	9.0	*10.0*	Ko	1	..	38029i
8	2162	9.3	+55 58	8.9	*8.9*	Ao	2	..	38518i
9	3682	9.3	+39 19	7.8	*7.8*	Ao	4	..	38520i
10	3445	9.3	+36 45	8.1	*9.1*	Ko	1	..	38520i
11	3463	9.3	+34 36	9.2	*9.2*	A	1	..	38501i
12	*3949*	9.3	+20 1	7.95	*8.95*	Ko	3	..	38511i
13	3835	9.3	+10 28	8.28	*8.28*	Ao	5	..	14171b
14	4008	9.3	+ 8 10	10.5	*10.6*	A5	4	..	23239b
15	4001	9.3	+ 7 42	10.1	*11.1*	Ko	1	..	23239b
16	*4063*	9.3	+ 7 1	10.5	*11.5*	Ko	3	..	23239b
17	4062	9.3	+ 6 22	10.5	*10.6*	A3	4	..	23239b
18	4149	9.3	+ 0 42	9.3	*9.9*	Go	5	0,3	23253b
19	3685	9.3	− 1 41	10.5	*11.0*	F8	1	..	23253b
20	4905	9.3	− 2 36	8.7	*9.7*	Ko	2	..	23253b
21	5321	9.3	−12 31	9.8	*10.2*	F5	3	..	38064b
22	5282	9.3	−13 17	9.3	*9.3*	Ao	5	..	38064b
23	5215	9.3	−16 9	9.2	*9.2*	B9	5	..	38064b
24	5216	9.3	−16 20	10.5	*11.0*	F8	2	..	39391b
25	5463	9.3	−20 45	10.5	11.7	K5	1	..	23765b
26	14069	9.3	−33 45	8.6	8.2	B8	5	..	23725b
27	*13196*	9.3	−38 59	9.0	10.1	Ko	1	..	40427b
28	14045	9.3	−42 29	10.3	10.7	Ao	2	..	39471b
29	13244	9.3	−43 34	9.2	9.9	F5	4	..	39471b
30	12902	9.3	−46 4	9.3	10.7	K5	2	..	39471b
31	12988	9.3	−48 49	7.5	7.9	F2	7	..	41441b
32	877	9.4	+72 6	8.1	*8.2*	A2	4	E	37224i
33	1326	9.4	+65 49	6.19	*6.25*	A2	8	..	37907i
34	1325	9.4	+65 13	8.70	*9.70*	Ko	2	..	38067i
35	3181	9.4	+43 33	8.7	*9.8*	K2	2	..	37348i
36	3627	9.4	+40 27	8.4	*8.5*	A2	3	..	37348i
37	*3628*	9.4	+23 2	8.5	*8.6*	A2	2	..	38511i
38	3836	9.4	+10 17	8.22	*8.17*	B8	6	..	14171b
39	4002	9.4	+ 7 36	6.95	*7.03*	A3	7	..	38560i
40	4064	9.4	+ 6 11	10.5	*10.5*	Ao	3	..	23239b
41	3686	9.4	− 1 29	9.1	*9.1*	B9	3	..	13464b
42	4906	9.4	− 2 6	9.6	*10.6*	Ko	1	..	23253b
43	4729	9.4	− 4 3	9.6	*10.6*	Ko	2	..	23253b
44	4906	9.4	− 8 34	9.2	*10.4*	K5	1	..	38112b
45	5007	9.4	−10 54	8.2	*9.2*	Ko	5	..	38112b
46	4919	9.4	−11 5	10.2	*10.3*	A2	1	..	38112b
47	5347	9.4	−14 27	10.5	*11.5*	Ko	1	..	39391b
48	5217	9.4	−16 11	10.6	*11.7*	K2	1	..	39391b
49	15161	9.4	−24 21	6.22	6.4	F8	4	0,8	37002b
50	13866	9.4	−25 26	4.93	*5.35*	F5	..	0,R	56,97
51	14046	9.4	−42 17	10.3	10.4	G5	2	..	39471b
52	7601	9.4	−58 27	*10.0*	10.5	F8	2	..	39381b
53	2608	9.4	−70 4	8.39	9.0	F8	5	..	41442b
54	604	9.4	−84 16	*8.4*	8.8	F5	5	..	14161b
55	878	9.5	+72 43	9.0	*9.8*	G5	1	..	38029i
56	2365	9.5	+52 27	8.3	*9.4*	K2	1	..	38889i
57	2959	9.5	+49 39	6.84	*6.75*	G5	7	R	36701i
58		9.5	+49 39	6.62					
59	2779	9.5	+47 12	6.67	*7.67*	Ko	5	0,7	37392i
60	3078	9.5	+44 35	9.1	*9.6*	F8	2	..	37348i
61	3446	9.5	+36 10	8.5	*8.5*	Ao	2	..	38520i
62	3682	9.5	+24 51	8.6	*8.6*	Ao	3	..	38523i
63	4030	9.5	+ 9 54	8.82	*9.82*	Ko	4	0,1	23239b
64	4028	9.5	+ 9 48	9.3	*9.3*	Ao	3	..	14171b
65	4029	9.5	+ 9 45	9.3	*9.9*	G	1	..	23239b
66	4066	9.5	+ 6 33	10.5	*10.5*	B8	2	..	23239b
67	..	9.5	+ 6 22	..	..	Ao	1	..	23239b
68	4065	9.5	+ 6 7	9.3	*9.3*	B9	2	..	21770b
69	3948	9.5	+ 3 56	9.8	*10.1*	F2	2	..	21770b
70	3828	9.5	+ 2 45	8.9	*10.1*	K5	1	..	21770b
71	5324	9.5	−12 49	10.0	*10.0*	Ao	3	..	38064b
72	5323	9.5	−12 54	10.5	*11.5*	Ko	1	..	38064b
73	5219	9.5	−16 3	10.7	*11.3*	Go	2	..	39391b
74	5218	9.5	−16 31	10.9	*11.5*	Go	2	..	39391b
75	5307	9.5	−21 12	9.8	10.8	K5	2	..	23765b
76	15208	9.5	−23 53	9.8	10.1	G5	2	..	21839b
77	15574	9.5	−28 3	10.3	8.6	Ao	4	..	40432b
78	15006	9.5	−32 12	9.0	9.8	Ko	1	..	40432b
79	13456	9.5	−36 27	10.6	9.9	F8	2	..	40427b
80	13455	9.5	−36 36	9.0	9.4	Go	5	..	40427b
81	13420	9.5	−41 44	8.6	9.6	K2	4	..	39471b
82	13421	9.5	−41 47	8.4	10.1	K2	3	..	39471b
83	13226	9.5	−44 9	10.6	11.3	K2	2	..	39471b
84	3528	9.6	+35 22	7.87	*7.95*	A3	2	2,3	38520i
85	3466	9.6	+34 19	8.0	*8.6*	Go	3	..	37885i
86	3683	9.6	+24 25	8.4	*8.4*	Ao	2	..	38511i
87	3778	9.6	+11 32	6.93	*8.00*	K2	3	..	37202i
88	4032	9.6	+ 9 53	10.1	*10.9*	G5	2	..	23239b
89	4031	9.6	+ 4 5	9.1	*10.2*	K2	1	..	21770b
90	3940	9.6	+ 1 43	9.0	*9.0*	Ao	4	..	21770b
91	4526	9.6	− 3 34	8.9	*8.9*	B9	6	..	13464b
92	5055	9.6	− 9 47	9.26	*9.76*	F8	3	..	38112b
93	5325	9.6	−12 2	9.3	*9.4*	A2	4	..	38112b
94	5348	9.6	−14 39	9.8	*10.8*	Ko	1	..	38064b
95	5357	9.6	−19 33	10.0	10.6	G5	2	..	39391b
96	5356	9.6	−19 37	10.0	10.1	F5	4	..	39391b
97	*5464*	9.6	−19 58	7.63	8.0	A3	9	..	23765b
98	16823	9.6	−30 31	8.8	9.1	Go	4	..	40432b
99	16509	9.6	−31 12	10.3	*11.7*	Mb	..	..	M
100	13247	9.6	−43 16	9.9	10.5	F5	2	..	39471b

180000 — $19^h\ 9^m.6$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13228	9.6	−44 55	9.16	9.6	F8	6	..	39471b
2	12905	9.6	−46 5	9.9	10.2	F8	3	..	39471b
3	934	9.7	+71 20	8.7	*8.7*	Ao	3	..	38029i
4	1327	9.7	+65 56	var.	var.	Mb	1	R	38067i
5	1878	9.7	+58 9	8.1	*8.4*	F2	4	..	38518i
6	2209	9.7	+56 41	5.24	*6.24*	Ko	10	..	38518i
7	2207	9.7	+56 16	8.7	*8.7*	Ao	3	..	38518i
8	3757	9.7	+25 35	6.80	*6.80*	Ao	6	..	38523i
9	3837	9.7	+10 53	9.1	*9.2*	A2	6	..	23239b
10	4033	9.7	+ 4 53	9.40	*9.38*	B9	1	..	21770b
11	5012	9.7	−10 31	10.6	*12.0*	Ma	..	R	M
12		9.7	−10 31						
13	5011	9.7	−10 42	10.9	*10.9*	B9	2	..	38112b
14	5349	9.7	−14 44	9.3	*9.7*	F5	4	..	38064b
15	5220	9.7	−16 17	7.50	*8.50*	Ko	7	..	38064b
16	..	9.7	−17 11	..	..	Go	2	..	39391b
17	5273	9.7	−18 31	9.8	*10.9*	K2	1	..	39391b
18	16826	9.7	−30 33	8.2	8.5	Fo	6	..	40432b
19	16510	9.7	−31 54	9.6	10.0	F2	3	..	23725b
20	13530	9.7	−34 38	8.9	8.8	Ao	5	..	23725b
21	12014	9.7	−51 41	8.7	8.8	Ko	3	..	41414b
22	7469	9.7	−59 3	7.3	8.1	A3	7	..	39381b
23	6361	9.7	−61 32	8.7	9.9	Ko	2	..	42464b
24	1880	9.8	+58 21	7.9	*7.9*	Ao	5	..	38518i
25	3996	9.8	+18 16	7.9	*7.9*	B8	2	..	38511i
26	3838	9.8	+10 22	7.9	*8.2*	Fo	5	..	14171b
27	*4086*	9.8	+ 6 3	10.1	*10.2*	A2	3	..	23239b
28	4087	9.8	+ 5 52	7.24	*7.74*	F8p	4	R	38560i
29	4034	9.8	+ 4 27	8.3	*8.4*	A2	3	..	38560i
30	4529	9.8	− 3 47	10.2	*10.3*	A2	1	..	23253b
31	4732	9.8	− 4 39	9.3	*10.3*	Ko	1	..	13464b
32	5352	9.8	−14 6	9.3	*9.3*	B8	4	..	38064b
33	..	9.8	−16 32	..	..	Go	2	..	39391b
34	5540	9.8	−17 3	8.26	*8.54*	Fo	4	..	38064b
35	5541	9.8	−17 40	9.8	*10.9*	K2	1	..	39391b
36	5308	9.8	−21 14	10.2	9.8	F2	4	..	23765b
37	5029	9.8	−22 33	9.6	9.6	Ao	4	0,4	23765b
38	5030	9.8	−22 37	10.0	10.1	Ao	4	0,3	23765b
39	13992	9.8	−26 48	8.2	9.2	Ko	3	..	40432b
40	15587	9.8	−28 9	10.3	9.8	A2	1	..	40432b
41	15904	9.8	−29 49	11.0	10.3	A2	1	..	40432b
42	16515	9.8	−31 23	9.6	9.8	F5	1	..	40432b
43	14074	9.8	−33 15	8.6	8.8	Ao	5	..	23725b
44	13250	9.8	−43 36	10.6	10.4	Go	2	..	39471b
45	12992	9.8	−48 24	10.3	10.6	Ao	1	..	41441b
46	12582	9.8	−49 48	8.7	8.5	Ao	7	..	41441b
47	9311	9.8	−54 23	8.3	10.2	K5	3	..	41414b
48	9039	9.8	−55 39	8.6	10.2	Ko	3	..	39381b
49	2613	9.8	−70 3	8.69	9.2	Fo	4	..	41442b
50	1124	9.9	+67 7	var.	var.	Md	..	R	M
51	1959	9.9	+57 51	8.9	*10.1*	K5	1	..	38518i
52	3531	9.9	+35 5	8.27	*8.27*	Ao	2	E	37885i
53	3468	9.9	+34 44	8.1	*9.1*	Ko	2	..	38501i
54	3998	9.9	+18 53	7.69	*8.19*	F8	4	..	38511i
55	3689	9.9	− 1 48	10.1	*10.2*	A2	3	..	23253b
56	4530	9.9	− 3 30	8.7	*9.2*	F8	5	..	13464b
57	4898	9.9	− 7 52	9.2	*9.3*	A2	4	..	38112b
58	4921	9.9	−11 54	9.3	*9.4*	A3	2	..	38112b
59	*5326*	9.9	−11 57	9.8	*10.6*	G5	1	..	38112b
60	5351	9.9	−14 54	9.11	*9.89*	G5	2	..	38064b
61	5222	9.9	−16 9	10.6	*11.2*	Go	2	..	39391b
62	..	9.9	−16 23	..	..	Ko	1	..	39391b
63	5221	9.9	−16 26	10.2	*11.2*	Ko	2	..	39391b
64	5542	9.9	−17 36	9.8	*10.8*	Ko	2	..	39391b
65	5467	9.9	−20 28	10.9	10.8	A2	2	..	23765b
66	5310	9.9	−21 29	10.5	10.3	Ao	3	..	23765b
67	15172	9.9	−24 54	7.52	7.7	A2	5	..	40432b
68	16828	9.9	−30 39	7.18	7.6	A3	8	..	40432b
69	15013	9.9	−32 27	9.5	9.8	K2	2	..	23725b
70	13532	9.9	−34 0	7.37	7.5	A2	8	..	23725b
71	13166	9.9	−40 45	9.5	11.2	K5	1	..	39471b
72	12910	9.9	−46 52	9.3	10.2	F8	2	..	39471b
73	12584	9.9	−49 39	8.9	8.5	Ao	6	..	41441b
74	1358	9.9	−77 52	*9.2*	9.7	F8	3	..	42793b
75	2852	10.0	+48 31	8.7	*9.7*	Ko	2	2,2	37392i
76	2782	10.0	+47 36	9.0	*9.0*	Ao	3	..	37348i
77	3488	10.0	+38 52	8.2	*8.2*	Ao	5	..	38520i
78	3632	10.0	+22 57	8.6	*8.9*	F2	3	..	38511i
79	4083	10.0	+20 46	8.4	*9.0*	Go	2	..	38511i
80	3739	10.0	+15 11	8.29	*8.29*	Ao	3	..	37202i
81	4035	10.0	+ 9 8	8.5	*8.5*	B9	4	..	14171b
82	4011	10.0	+ 8 55	10.5	*10.8*	Fo	2	..	23239b
83	4003	10.0	+ 7 55	7.7	*8.1*	F5	3	..	38560i
84	4532	10.0	− 3 32	8.7	*9.8*	K2	2	..	13464b
85	4737	10.0	− 4 8	8.6	*8.7*	A5	3	..	13464b
86	5077	10.0	− 6 14	6.56	*6.84*	Fo	4	0,9	10078b
87	4899	10.0	− 7 47	10.5	*10.5*	Ao	2	..	38112b
88	5289	10.0	−15 51	10.0	*10.0*	Ao	4	..	38064b
89	5033	10.0	−22 1	9.1	8.9	F2	5	..	23765b
90	5032	10.0	−22 13	9.6	10.1	G5	3	..	23765b
91	13875	10.0	−25 51	7.36	8.3	Ko	7	..	40432b
92	14077	10.0	−33 29	8.6	8.2	A2	6	..	23725b
93	14076	10.0	−33 42	var.	var.	Gop	..	R	M
94	12995	10.0	−48 3	9.9	10.6	Ko	1	..	41441b
95	12585	10.0	−49 15	8.4	8.8	K2	6	..	41441b
96	1046	10.1	+68 56	8.1	*9.3*	K5	2	..	38029i
97	1495	10.1	+63 28	8.8	*9.8*	Ko	3	..	38067i
98	3631	10.1	+40 33	9.0	*9.0*	A	2	..	37348i
99	*3686*	10.1	+40 4	8.72	*9.14*	F5	2	E	37348i
100	3456	10.1	+36 8	8.2	*8.3*	A2	2	..	38520i

180100 **19h 10m.1**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3469	10.1	+34 14	8.0	*8.0*	Ao	2	..	37885i
2	4036	10.1	+ 9 43	9.8	*9.9*	A2	4	..	23239b
3	4090	10.1	+ 5 49	9.1	*10.1*	Ko	4	..	23239b
4	3944	10.1	+ 1 22	9.3	*10.3*	Ko	1	..	21770b
5	3943	10.1	+ 1 14	9.29	*10.07*	G5	2	..	23253b
6	3690	10.1	− 1 41	10.1	*11.1*	Ko	1	..	23253b
7	4534	10.1	− 3 50	10.0	*10.0*	Ao	3	..	23253b
8	*5059*	10.1	− 8 56	9.6	*10.4*	G5	2	..	38112b
9	5286	10.1	−13 11	9.6	*10.7*	K2	2	..	38064b
10	5290	10.1	−15 1	7.86	*7.84*	B9	8	..	38064b
11	5223	10.1	−16 28	9.2	*10.3*	K2	2	..	38064b
12	5224	10.1	−16 29	9.1	*10.1*	Ko	3	..	38064b
13	5312	10.1	−21 8	8.8	9.0	G5	6	..	23765b
14	16520	10.1	−31 36	9.0	8.8	F5	5	..	40432b
15	13204	10.1	−39 53	9.18	9.8	Ko	4	..	39471b
16	*14056*	10.1	−41 59	8.7	9.8	K2	5	..	39471b
17	13086	10.1	−45 36	8.3	7.6	A5	..	2,9	**56**,144
18	12823	10.1	−47 30	9.2	9.9	K2	2	..	41441b
19	9042	10.1	−55 38	8.0	9.6	Ko	5	..	39381b
20	6066	10.1	−62 54	*8.1*	8.6	F8	4	..	42464b
21	1327	10.1	−76 20	*9.3*	9.7	F5	3	..	42793b
22	853	10.2	+73 28	8.8	*8.9*	A2	2	..	37224i
23	3379	10.2	+37 36	8.2	*9.0*	G5	1	..	38520i
24	3687	10.2	+24 50	7.16	*7.11*	B8	5	..	38523i
25	3839	10.2	+10 14	7.07	*7.02*	B8	7	..	14171b
26	4037	10.2	+ 9 37	7.9	*7.7*	B3	6	..	14171b
27	4535	10.2	− 3 18	7.9	*9.0*	K2	5	..	13464b
28	5078	10.2	− 6 29	10.0	*11.0*	Ko	1	..	38112b
29	4907	10.2	− 8 48	9.3	*9.9*	Go	4	..	38112b
30	5226	10.2	−16 27	10.9	*11.7*	G5	2	..	39391b
31	5225	10.2	−16 48	9.2	*10.2*	Ko	3	..	38064b
32	13881	10.2	−25 31	8.8	8.6	Ao	6	..	40432b
33	15017	10.2	−32 4	7.11	7.9	Ko	7	..	40432b
34	9513	10.2	−53 34	6.42	7.1	F5	..	3,9	**56**,144
35	4504	10.2	−63 4	*7.9*	9.0	K2	3	..	42464b
36	1902	10.3	+60 56	8.3	*8.4*	A3	2	..	38518i
37	2164	10.3	+55 9	8.41	*8.83*	F5	3	..	38518i
38	3458	10.3	+36 14	6.96	*6.96*	Ao	6	..	38520i
39	3365	10.3	+32 48	8.6	*9.6*	K	1	..	38501i
40	3633	10.3	+22 4	9.2	*9.2*	A	1	..	38511i
41	3833	10.3	+ 2 11	8.7	*9.0*	Fo	5	..	21770b
42	4151	10.3	+ 0 39	9.8	*10.4*	Go	3	..	23253b
43	4740	10.3	− 4 22	9.8	*9.8*	A	2	..	13464b
44	4900	10.3	− 7 45	10.5	*11.6*	K2	2	..	38112b
45	4909	10.3	− 8 45	10.2	*10.3*	A2	1	..	38112b
46	5062	10.3	− 9 41	9.3	*10.3*	Ko	2	..	38112b
47	5544	10.3	−17 25	9.6	*10.1*	F8	4	..	39391b
48	5543	10.3	−17 32	9.3	*10.4*	K2	3	..	39391b
49	5276	10.3	−18 50	8.7	*9.2*	F8	8	..	39391b
50	5468	10.3	−20 38	8.6	8.9	Ao	6	..	23765b
51	14002	10.3	−26 51	10.5	10.4	A3	1	..	40432b
52	15019	10.3	−32 1	8.6	9.2	G5	3	..	40432b
53	13459	10.3	−36 14	8.9	8.1	B9	6	..	40427b
54	13170	10.3	−40 15	8.3	9.0	Ko	7	..	39471b
55	14062	10.3	−42 39	8.9	10.1	K5	3	..	39471b
56	13089	10.3	−45 8	10.3	10.8	Go	2	..	39471b
57	12586	10.3	−49 54	9.3	10.0	Ko	1	..	41441b
58	7602	10.3	−58 17	*10.3*	10.8	F8	2	..	39381b
59	6362	10.3	−61 10	*9.5*	9.9	F5	3	..	39381b
60	*1691*	10.4	+63 2	7.8	*8.3*	F8	5	..	38067i
61	1961	10.4	+57 28	7.01	*8.01*	Ko	7	..	38518i
62	..	10.4	+46 49	var.	var.	Md	..	R	M
63	3490	10.4	+38 58	4.46	*4.29*	B3	..	R	1369c
64	3840	10.4	+10 23	9.5	*10.0*	F8	7	..	23239b
65	*4089*	10.4	+10 2	7.02	*8.02*	Ko	5	..	14171b
66	4013	10.4	+ 8 50	10.5	*10.6*	A2	2	..	23239b
67	4014	10.4	+ 8 16	10.1	*10.1*	Ao	3	..	23239b
68	..	10.4	+ 6 56	..	..	Ao	2	..	23239b
69	4068	10.4	+ 6 13	10.5	*11.3*	G5	2	..	23239b
70	3953	10.4	+ 3 6	9.3	*9.3*	B8	2	0,4	21770b
71	4536	10.4	− 3 13	8.8	*9.9*	K2	1	..	13464b
72	4917	10.4	− 5 6	9.3	*10.4*	K2	1	..	38112b
73	5080	10.4	− 6 28	9.6	*9.6*	B8	3	..	38112b
74	4925	10.4	−11 30	9.8	*9.8*	Ao	2	..	38112b
75	5355	10.4	−14 38	9.6	*9.6*	Ao	2	..	38064b
76	5227	10.4	−16 3	11.0	*11.0*	A	1	..	38064b
77	5229	10.4	−16 22	10.2	*10.8*	Go	4	0,2	39391b
78	..	10.4	−16 30	..	..	G5	1	..	39391b
79	5315	10.4	−21 8	9.1	9.8	G5	5	..	23765b
80	16528	10.4	−31 36	9.6	9.7	Fo	2	..	40432b
81	13356	10.4	−35 21	9.7	9.1	G5	3	..	40427b
82	14065	10.4	−42 52	9.1	8.6	A3	7	..	39471b
83	9141	10.4	−56 20	6.96	6.8	B5	9	..	39381b
84	2853	10.5	+48 58	8.7	*8.7*	Ao	2	2,2	37392i
85	3187	10.5	+43 47	8.7	*9.0*	F2	4	..	37348i
86	3493	10.5	+38 48	7.7	*8.8*	K2	1	..	38520i
87	3479	10.5	+30 10	7.76	*7.76*	Ao	4	..	38501i
88	3955	10.5	+19 24	8.5	*8.5*	A	1	..	38511i
89	*4092*	10.5	+ 6 0	10.5	*11.6*	K2	2	..	23239b
90	4538	10.5	− 3 4	9.3	*9.4*	A3	3	..	13464b
91	4537	10.5	− 3 32	9.6	*10.6*	Ko	1	..	23253b
92	4918	10.5	− 5 30	9.3	*9.3*	B9	3	..	38112b
93	4902	10.5	− 7 12	9.3	*10.4*	K2	2	..	38112b
94	5293	10.5	−15 46	9.3	*9.3*	B9	6	..	38064b
95	5230	10.5	−16 35	10.0	*11.1*	K2	3	2,2	39391b
96	5546	10.5	−17 9	var.	var.	Pec.	5	R	39391b
97	5548	10.5	−17 31	9.6	*10.0*	F5	5	..	39391b
98	5280	10.5	−18 9	9.6	*9.6*	Ao	2	..	39391b
99	5281	10.5	−18 54	9.6	*10.8*	K5	1	..	39391b
100	5363	10.5	−19 43	10.6	11.7	G5	1	..	39391b

180200 — $19^h\ 10^m.5$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5317	10.5	−20 58	10.5	11.5	K5	2	..	23765b
2	R	10.5	−22 24	10.5	11.7	K5	1	..	23765b
3	15021	10.5	−32 4	9.3	9.2	A5	4	..	40432b
4	13542	10.5	−34 23	9.2	9.0	Go	5	..	23725b
5	13463	10.5	−36 24	9.9	10.1	G5	2	..	40427b
6	13207	10.5	−39 47	Neb.	Neb.	Pe	..	R	76,23
7	13429	10.5	−41 39	10.8	10.4	Go	2	..	39471b
8	13092	10.5	−45 23	10.6	10.9	G5	1	..	39471b
9	12420	10.5	−50 38	var.	var.	Mc	..	R	M
10	9360	10.5	−57 2	9.2	10.2	G5	3	..	39381b
11	6364	10.5	−61 2	8.7	9.3	F5	6	..	39381b
12	717	10.6	+77 16	8.7	9.7	Ko	2	2,2-	38044i
13	3271	10.6	+41 34	8.1	9.1	K	1	..	37348i
14	3378	10.6	+34 2	7.39	7.37	B9	5	..	37885i
15	3634	10.6	+22 7	8.6	9.2	Go	1	..	38511i
16	3743	10.6	+16 1	7.08	7.14	A2	6	..	37202i
17	..	10.6	+ 8 20	..	..	Go	2	..	23239b
18	4004	10.6	+ 7 15	10.1	10.1	Ao	4	..	23239b
19	4069	10.6	+ 7 3	9.5	10.7	K5	1	R	14171b
20	4093	10.6	+ 5 5	10.1	10.1	Ao	4	..	23239b
21	4913	10.6	− 2 12	8.7	9.7	Ko	3	..	23253b
22	4912	10.6	− 2 46	8.5	8.9	F5	4	..	13464b
23	4742	10.6	− 4 21	10.2	10.2	B9	1	..	23253b
24	4920	10.6	− 5 22	9.6	9.9	F2	1	..	38112b
25	4921	10.6	− 5 50	9.3	10.4	K2	1	..	38112b
26	5358	10.6	−13 58	9.8	9.8	Ao	3	..	38064b
27	..	10.6	−15 40	..	..	Fo	1	..	38064b
28	5231	10.6	−16 30	9.1	10.1	Ko	4	2,3	39391b
29	5232	10.6	−16 45	8.63	8.61	B9	7	..	38064b
30	5318	10.6	−21 32	10.2	9.8	G5	3	..	23765b
31	5035	10.6	−21 59	9.1	9.2	G5	4	..	23765b
32	13770	10.6	−27 19	10.1	8.9	A3	4	..	40432b
33	15606	10.6	−28 51	7.57	8.9	K2	5	..	40432b
34	13260	10.6	−43 27	11.0	11.3	Ko	1	..	39471b
35	13234	10.6	−44 11	9.9	10.7	Ko	2	..	39471b
36	12828	10.6	−47 16	7.4	7.3	B9	10	..	41441b
37	13003	10.6	−48 17	7.9	8.2	B8	6	..	41441b
38	4506	10.6	−63 5	7.2	8.0	G5	6	..	42464b
39	2856	10.7	+45 24	9.5	9.8	F	2	..	37348i
40	3527	10.7	+29 34	8.7	8.7	Ao	2	..	38501i
41	3496	10.7	+26 33	8.2	8.2	Ao	4	2,3	38511i
42	3956	10.7	+20 2	6.14	6.92	G5	8	..	38511i
43	3845	10.7	+14 54	7.80	7.80	Ao	6	..	37202i
44	3841	10.7	+10 19	10.5	10.6	A2	3	..	23239b
45	4037	10.7	+ 5 1	9.8	9.8	B9	3	..	23239b
46	4038	10.7	+ 4 27	10.5	10.5	Ao	1	..	21770b
47	3682	10.7	− 0 21	10.5	11.5	Ko	1	..	23253b
48	3693	10.7	− 1 55	8.87	9.29	F5	3	..	13464b
49	5015	10.7	−10 47	9.8	9.8	B9	4	..	38112b
50	5328	10.7	−12 0	8.7	8.8	A5	5	..	38112b
51	5282	10.7	−18 16	10.9	10.9	Ao	1	..	39391b
52	5319	10.7	−21 7	9.6	9.2	F8	3	..	23765b
53	13359	10.7	−35 9	8.6	8.4	Fo	5	0,7	40427b
54	13237	10.7	−44 48	9.2	10.2	Ko	4	..	39471b
55	13094	10.7	−45 49	7.9	8.8	K5	5	..	41441b
56	12593	10.7	−49 49	8.32	9.4	Ko	4	..	41441b
57	7603	10.7	−58 54	8.5	9.1	Go	6	..	39381b
58	6068	10.7	−62 58	8.8	9.3	F8	2	..	42464b
59	935	10.8	+71 25	9.0	10.0	Ko	2	..	38029i
60	1048	10.8	+68 7	9.0	10.0	Ko	2	..	38067i
61	3635	10.8	+40 23	8.0	9.0	Ko	2	..	38520i
62	3846	10.8	+14 54	5.69	6.47	G5	8	R	37202i
63	3780	10.8	+11 23	7.9	8.9	Ko	4	..	14171b
64	4041	10.8	+ 9 36	8.3	8.6	F2	4	..	14171b
65	4094	10.8	+ 5 20	10.1	10.1	Ao	4	..	23239b
66	4039	10.8	+ 4 48	10.5	11.5	Ko	2	..	23239b
67	3946	10.8	+ 1 33	10.5	10.5	Ao	1	..	21770b
68	4152	10.8	+ 0 30	10.5	11.3	G5	1	..	23253b
69	3683	10.8	− 0 39	10.1	10.1	B9	2	..	23253b
70	4540	10.8	− 3 50	10.2	10.8	Go	1	..	23253b
71	5066	10.8	− 9 22	10.6	10.6	B9	2	..	38112b
72	4927	10.8	−11 55	9.3	10.5	K5	1	..	38112b
73	5235	10.8	−16 3	10.2	11.2	Ko	2	..	39391b
74	5236	10.8	−16 34	8.9	9.9	Ko	3	2,2	39391b
75	5367	10.8	−19 30	var.	var.	Md	5	R	39391b
76	15228	10.8	−23 24	9.1	9.0	F2	5	..	21839b
77	15924	10.8	−29 32	9.6	9.7	Ao	2	..	40432b
78	13238	10.8	−44 0	9.9	11.1	K2	2	..	39471b
79	13095	10.8	−45 28	10.1	11.8	K5	1	..	39471b
80	12918	10.8	−46 33	10.1	9.9	F2	3	..	41441b
81	12829	10.8	−47 34	9.0	9.3	Fo	5	..	41441b
82	13007	10.8	−48 54	9.7	10.0	F5	2	..	41441b
83	12594	10.8	−49 51	9.20	10.0	K2	1	..	41441b
84	2978	10.8	−69 36	9.4	9.9	F8	2	..	20541b
85	3384	10.9	+37 28	8.0	8.3	F2	2	..	38520i
86	3475	10.9	+34 22	7.08	7.50	F5	5	..	37885i
87	3368	10.9	+32 27	8.7	8.7	Ao	2	..	38501i
88	4071	10.9	+ 6 16	10.1	10.1	B9	2	..	23239b
89	4040	10.9	+ 4 17	10.5	10.5	Ao	2	..	21770b
90	3954	10.9	+ 3 8	10.1	10.1	Ao	2	..	21770b
91	4922	10.9	− 5 56	9.3	9.3	B9	2	..	38112b
92	4905	10.9	− 7 5	9.8	9.8	B8	2	..	38112b
93	4912	10.9	− 8 52	7.37	8.37	Ko	7	..	38112b
94	5016	10.9	−10 8	8.9	9.9	Ko	2	..	38112b
95	4929	10.9	−11 45	7.68	8.75	K2	4	..	38112b
96	5289	10.9	−13 1	8.7	9.8	K2	3	..	38064b
97	5288	10.9	−13 33	9.6	10.4	G5	1	..	38064b
98	5237	10.9	−16 18	10.0	10.6	Go	1	R	39391b
99		10.9	−16 18			F8	3		
100	5551	10.9	−17 39	9.6	10.6	Ko	2	..	39391b

180300 **$19^h\ 10^m.9$**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5552	10.9	−17 50	9.3	*9.8*	F8	6	..	39391b
2	5471	10.9	−20 41	9.6	9.2	F5	3	..	23765b
3	*5321*	10.9	−20 58	9.6	8.9	Ao	5	..	23765b
4	5322	10.9	−21 38	10.0	10.8	Ko	2	..	23765b
5	5036	10.9	−22 14	10.2	11.7	K	1	..	23765b
6	15028	10.9	−32 48	9.5	9.2	G5	4	..	23725b
7	13432	10.9	−41 31	10.8	10.9	Ko	1	..	39471b
8	13433	10.9	−41 44	9.9	11.2	K5	1	..	39471b
9	13264	10.9	−43 8	10.1	*11.3*	K5	1	..	39471b
10	12423	10.9	−50 48	9.5	9.8	G5	1	..	41441b
11	4507	10.9	−63 22	*8.0*	8.1	A2	5	..	42464b
12	3693	11.0	+39 28	8.0	*9.0*	Ko	2	..	38520i
13	3534	11.0	+35 59	7.8	*7.8*	B9	4	..	38520i
14	3514	11.0	+31 40	6.70	*7.70*	Ko	4	..	37885i
15	3257	11.0	+28 13	8.0	*9.1*	K2	1	..	38509i
16	3307	11.0	+27 46	6.69	*6.64*	B8	6	..	38509i
17	*4088*	11.0	+21 3	5.62	*5.70*	A3	..	*1,9*	56,97
18	3782	11.0	+11 39	8.5	*9.3*	G5	4	..	23239b
19	3843	11.0	+10 32	9.3	*9.3*	Ao	1	..	14171b
20	4005	11.0	+ 7 17	10.1	*11.1*	Ko	2	..	23239b
21	4917	11.0	− 2 8	9.2	*10.2*	Ko	2	..	23253b
22	4541	11.0	− 3 29	9.3	*10.3*	Ko	3	..	23253b
23	4913	11.0	− 8 26	9.6	*10.8*	K5	1	..	38112b
24	5069	11.0	− 9 14	Neb.	Neb.	Pd	1	R	38112b
25	5068	11.0	− 9 37	10.0	*10.0*	Ao	3	..	38112b
26	5238	11.0	−16 27	8.5	*8.6*	A2	7	..	38064b
27	5240	11.0	−16 37	9.1	*9.2*	A2	5	3,4	39391b
28	5241	11.0	−16 47	9.8	*10.8*	Ko	2	..	38064b
29	5553	11.0	−17 44	9.8	*10.6*	G5	3	..	39391b
30	5283	11.0	−18 26	10.0	*11.0*	Ko	1	..	39391b
31	5368	11.0	−19 24	10.0	10.1	Fo	4	..	39391b
32	5325	11.0	−21 41	8.8	9.0	K2	5	..	23765b
33	5039	11.0	−22 8	8.7	8.6	F5	7	..	23765b
34	5038	11.0	−22 25	9.1	9.0	F2	5	0,4	23765b
35	15032	11.0	−32 41	8.4	9.1	Ao	6	..	23725b
36	13550	11.0	−34 43	8.9	8.6	Fo	6	0,5	23725b
37	13469	11.0	−36 27	10.1	9.7	A3	3	..	40427b
38	13400	11.0	−38 27	8.3	8.3	A2	7	..	40427b
39	13434	11.0	−41 35	9.9	9.6	A2	6	..	39471b
40	13240	11.0	−44 48	9.56	10.8	K2	2	..	39471b
41	7471	11.0	−59 33	8.3	8.7	Fo	5	..	39381b
42	7282	11.0	−60 12	*9.8*	9.9	A3	3	..	39381b
43	6366	11.0	−61 19	*10.0*	10.8	G5	1	..	39381b
44	4508	11.0	−63 40	*8.3*	9.3	Ko	2	..	42464b
45	3787	11.0	−65 48	*9.6*	10.6	Ko	1	..	20541b
46	1172	11.1	+66 51	8.3	*9.3*	Ko	3	..	38067i
47	2744	11.1	+50 45	8.5	*8.5*	A	2	..	37392i
48	2857	11.1	+48 12	7.38	*8.38*	Ko	3	..	37392i
49	3273	11.1	+41 8	8.7	*8.8*	A2	2	..	37348i
50	3476	11.1	+34 50	8.2	*9.0*	G5	1	..	37885i
51	3529	11.1	+29 21	8.0	*9.1*	K2	1	..	38501i
52	3959	11.1	+19 14	7.10	*8.10*	Ko	3	*5,3*	38808i
53	4019	11.1	+ 8 38	8.7	*8.7*	B9	3	..	14171b
54	4018	11.1	+ 8 11	10.1	*10.6*	F8	4	..	23239b
55	4096	11.1	+ 5 26	10.5	*10.6*	A2	4	..	23239b
56	3948	11.1	+ 1 42	9.5	*9.5*	B8	2	..	21770b
57	3684	11.1	− 0 14	9.8	*10.3*	F8	2	..	23253b
58	4918	11.1	− 2 19	8.7	*8.7*	Ao	4	..	13464b
59	4916	11.1	− 2 51	8.7	*9.0*	Fo	4	..	13464b
60	4542	11.1	− 3 19	10.9	*10.9*	Ao	1	..	23253b
61	4931	11.1	−11 28	9.3	*10.3*	Ko	2	..	38112b
62	5291	11.1	−13 35	10.9	*10.9*	Ao	1	..	38064b
63	5243	11.1	−16 22	10.0	*10.1*	A2	3	..	38064b
64	5242	11.1	−16 48	9.3	*10.5*	K5	2	..	38064b
65	5369	11.1	−19 15	10.0	10.1	F2	4	..	39391b
66	5472	11.1	−20 46	10.6	11.7	Ma	..	..	M
67	16848	11.1	−30 39	9.8	10.5	Ko	1	..	40432b
68	9143	11.1	−56 36	*10.7*	11.7	Ko	1	..	39381b
69	7283	11.1	−60 22	*9.4*	9.9	F8	2	..	39381b
70	4509	11.1	−63 18	*8.7*	9.3	G	1	..	42464b
71	2615	11.1	−70 40	*8.4*	9.5	K2	3	..	42526b
72	*936*	11.2	+72 5	7.40	*7.68*	Fo	5	..	38029i
73	2211	11.2	+56 47	8.9	*9.0*	A2	2	..	38889i
74	3637	11.2	+40 17	8.6	*8.6*	Ao	3	..	37348i
75	3466	11.2	+36 48	8.13	*9.13*	Ko	2	..	38520i
76	3961	11.2	+19 51	8.1	*8.9*	G5	1	..	38511i
77	4011	11.2	+18 20	6.71	*7.89*	K5	4	..	37202i
78	4042	11.2	+ 9 24	10.5	*10.6*	A2	1	..	23239b
79	4006	11.2	+ 7 51	9.5	*9.5*	Ao	5	..	23239b
80	4544	11.2	− 3 22	10.2	*11.0*	G5	1	..	23253b
81	4916	11.2	− 8 19	10.5	*10.6*	A2	1	..	38112b
82	5018	11.2	−10 22	8.3	*9.4*	K2	4	..	38112b
83	5364	11.2	−14 53	10.5	*11.5*	Ko	1	..	38064b
84	5296	11.2	−15 20	10.5	*10.5*	B9	3	..	38064b
85	5244	11.2	−16 24	10.0	*10.6*	Go	2	..	38064b
86	5371	11.2	−19 30	10.2	11.7	Ko	1	..	39391b
87	*5040*	11.2	−21 57	8.5	8.1	Go	6	..	23765b
88	15616	11.2	−28 39	9.1	9.6	A5	2	..	40432b
89	16852	11.2	−30 49	10.1	10.0	G5	1	..	40432b
90	14071	11.2	−42 20	10.3	10.7	G5	2	..	39471b
91	9046	11.2	−55 33	*10.0*	10.5	F8	2	..	39381b
92	9144	11.2	−56 49	9.0	10.2	Go	4	..	39381b
93	7472	11.2	−59 21	9.1	10.2	F2	3	..	39381b
94	1964	11.3	+57 56	8.3	*8.3*	B9	5	..	38518i
95	*2371*	11.3	+53 3	8.1	*8.2*	A3	4	..	37392i
96	3386	11.3	+37 33	9.0	*9.0*	A	1	..	38520i
97	3381	11.3	+33 24	8.5	*9.5*	Ko	2	..	37885i
98	3861	11.3	+12 56	7.7	*7.7*	B9	5	..	37202i
99	3844	11.3	+10 26	9.5	*9.8*	Fo	6	..	23239b
100	4043	11.3	+ 9 44	10.1	*10.4*	Fo	2	..	23239b

180400 — $19^h\,11^m.3$

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	4044	11.3	+ 9 9	8.1	*8.1*	B8	6	..	14171b	51	3747	11.5	+15 59	7.04	*7.32*	Fo	6	..	37202i
2	4021	11.3	+ 8 32	9.5	*9.5*	A	3	..	23239b	52	4073	11.5	+ 6 26	10.5	*11.1*	Go	2	..	23239b
3	4020	11.3	+ 8 26	9.1	*9.7*	Go	3	..	14171b	53	4072	11.5	+ 6 25	9.1	*10.1*	Ko	3	..	23239b
4	..	11.3	+ 5 29	..	..	K2	1	..	23239b	54	4099	11.5	+ 5 43	8.6	*9.6*	Ko	2	..	14171b
5	..	11.3	+ 1 18	..	..	Ao	1	..	23253b	55	4098	11.5	+ 5 31	10.1	*10.4*	F2	3	..	23239b
6	4920	11.3	− 2 24	8.8	*8.8*	B8	4	..	13464b	56	3951	11.5	+ 1 21	9.5	*10.1*	Go	3	..	21770b
7	4746	11.3	− 4 29	10.2	*10.2*	Ao	2	..	23253b	57	4922	11.5	− 2 12	10.6	*10.6*	B8	2	..	23253b
8	5072	11.3	− 9 37	9.2	*9.2*	B9	4	..	38112b	58	4917	11.5	− 8 3	9.6	*10.7*	K2	1	..	38112b
9	4932	11.3	−11 10	7.04	*7.60*	Go	3	0,9	10078b	59	5333	11.5	−12 49	9.6	*10.7*	K2	1	..	38064b
10	5245	11.3	−16 9	9.6	*10.1*	F8	2	..	38064b	60	5368	11.5	−14 14	10.2	*10.2*	B9	2	..	38064b
11	5555	11.3	−17 14	9.03	*10.03*	Ko	6	..	39391b	61	5247	11.5	−16 14	8.6	*9.6*	Ko	6	..	38064b
12	5556	11.3	−17 19	10.0	*10.0*	Ao	4	..	39391b	62	5246	11.5	−16 38	10.2	*10.2*	Ao	2	..	38064b
13	5286	11.3	−18 3	10.5	*11.0*	F8	2	..	39391b	63	5288	11.5	−18 49	10.5	*10.9*	F5	2	..	39391b
14	5372	11.3	−19 10	9.1	8.7	Ao	8	..	39391b	64	*5376*	11.5	−18 57	8.7	*8.8*	A2	9	..	39391b
15	5473	11.3	−20 44	8.3	8.3	K2	6	2,8	23765b	65	5374	11.5	−19 14	10.2	11.7	Ma	1	..	39391b
16	5326	11.3	−21 15	8.1	8.6	Ko	8	..	23765b	66	5375	11.5	−19 23	8.72	10.1	Ko	3	..	39391b
17	5327	11.3	−21 36	10.5	10.7	F5	2	..	23765b	67	5476	11.5	−20 54	9.6	10.8	K2	1	..	39391b
18	15187	11.3	−24 1	9.6	10.1	K5	1	..	21839b	68	13904	11.5	−25 45	9.4	9.8	K2	2	..	40432b
19	13553	11.3	−34 18	9.9	10.4	Ko	2	..	23725b	69	13788	11.5	−27 25	9.6	8.9	Go	4	..	40432b
20	13554	11.3	−34 41	8.6	8.1	Fo	5	0,7	40427b	70	13214	11.5	−39 55	9.22	9.5	F8	5	..	40427b
21	13366	11.3	−35 8	8.48	9.6	Fo	3	..	23725b	71	13183	11.5	−40 4	7.82	8.4	Ko	7	..	40427b
22	13182	11.3	−40 46	9.5	10.7	Ko	2	..	39471b	72	9048	11.5	−55 31	8.6	10.2	Ko	4	..	39381b
23	13242	11.3	−44 45	10.6	10.2	A2	3	..	39471b	73	7604	11.5	−58 10	8.2	8.8	A2	7	..	39381b
24	13104	11.3	−45 33	10.3	10.9	Go	1	..	39471b	74	3422	11.5	−66 55	*9.2*	9.3	A3	2	..	41442b
25	13106	11.3	−45 38	10.1	10.5	Ko	3	..	39471b	75	2965	11.6	+49 36	8.3	*9.4*	K2	2	..	37392i
26	9047	11.3	−55 23	*10.4*	10.5	A3	2	..	39381b	76	3083	11.6	+44 55	9.22	*9.22*	A	2	..	37348i
27	614	11.4	+79 29	7.90	*8.90*	Ko	3	..	38044i	77	4090	11.6	+20 8	7.93	*9.00*	K2	2	..	38523i
28	2859	11.4	+45 27	8.1	*8.9*	G5	3	..	37348i	78	3847	11.6	+10 54	9.5	*9.9*	F5	1	..	14171b
29	3387	11.4	+37 49	8.2	*9.2*	Ko	2	..	38520i	79	3846	11.6	+10 44	10.1	*10.1*	Ao	4	..	23239b
30	3845	11.4	+10 27	10.5	*10.5*	Ao	2	..	23239b	80	4022	11.6	+ 8 42	10.5	*10.6*	A2	2	..	23239b
31	4007	11.4	+ 7 10	10.5	*11.6*	K2	1	..	23239b	81	*4074*	11.6	+ 7 1	10.5	*10.5*	Ao	2	..	23239b
32	3835	11.4	+ 2 58	8.4	*8.7*	Fo	7	..	21770b	82	4045	11.6	+ 4 40	5.40	*5.46*	A2	10	..	38560i
33	3950	11.4	+ 1 13	10.5	*10.8*	F2	2	..	23253b	83	3837	11.6	+ 2 13	10.1	*10.9*	G5	3	..	23253b
34	5020	11.4	−10 17	9.2	*9.8*	Go	3	..	38112b	84	*4748*	11.6	− 3 59	10.2	*11.2*	Ko	2	..	23253b
35	5366	11.4	−14 45	9.6	*10.7*	K2	1	..	38064b	85	4909	11.6	− 7 24	9.3	*9.9*	Go	2	..	38112b
36	*5298*	11.4	−14 58	9.6	*9.7*	A2	2	..	38064b	86	5369	11.6	−14 28	10.5	*10.6*	A3	2	..	38064b
37	5373	11.4	−19 18	10.2	10.1	Go	3	..	39391b	87	..	11.6	−16 18	..	..	K2	2	..	39391b
38	..	11.4	−19 48	..	..	Fo	1	..	39391b	88	5289	11.6	−18 46	8.14	*9.14*	Ko	8	..	39391b
39	5474	11.4	−20 53	9.3	9.2	Ko	5	5,5	39391b	89	5378	11.6	−19 15	9.3	9.0	F5	8	..	39391b
40	16855	11.4	−30 21	9.1	9.8	Ko	2	..	40432b	90	15246	11.6	−23 5	9.4	10.1,	K2	1	..	21839b
41	16854	11.4	−30 32	8.8	9.8	Ko	2	..	40432b	91	15190	11.6	−24 6	var.	var.	Md	..	R	M
42	15036	11.4	−32 43	10.3	10.3	A2	2	..	23725b	92	13791	11.6	−27 44	9.8	9.5	F5	2	..	40432b
43	15035	11.4	−32 51	8.6	8.5	B9	5	..	23725b	93	13563	11.6	−34 11	8.9	9.6	Ko	3	..	23725b
44	13556	11.4	−34 49	10.3	10.1	Go	2	..	23725b	94	13216	11.6	−39 24	9.3	10.1	K5	1	..	40427b
45	13404	11.4	−38 34	7.9	8.9	G5	6	..	40427b	95	14075	11.6	−42 27	10.3	10.7	Go	1	..	39471b
46	13107	11.4	−45 13	10.6	10.9	F5	1	..	39471b	96	13244	11.6	−44 28	9.2	10.7	G5	4	..	39471b
47	12598	11.4	−49 13	10.1	10.3	F5	1	..	41441b	97	6072	11.6	−62 9	*9.4*	10.5	K2	1	..	40422b
48	9320	11.4	−54 55	9.26	10.5	G5	3	..	39381b	98	2384	11.6	−71 42	*8.7*	9.8	K2	4	..	42526b
49	9145	11.4	−56 32	8.2	9.0	F5	5	..	39381b	99	578	11.7	+82 31	7.99	*7.97*	B9	5	..	37294i
50	3491	11.5	+30 21	6.13	*7.48*	Ma	5	0,4	38501i	100	1034	11.7	+69 15	8.1	*8.2*	A5	3	..	38029i

180500 — 19h 11m.7

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	2858	11.7	+48 32	7.22	*7.22*	Ao	7	..	37392i
2	3260	11.7	+28 58	8.1	*8.7*	Go	2	5,2	38501i
3	4024	11.7	+ 8 47	9.1	*9.7*	Go	3	..	23239b
4	4075	11.7	+ 6 24	6.52	*6.58*	A2	9	..	38560i
5	4924	11.7	− 2 8	8.5	*9.6*	K2	2	..	13464b
6	4923	11.7	− 2 17	10.2	*10.2*	B8	2	..	23253b
7	4749	11.7	− 4 14	10.9	*10.9*	Ao	1	..	23253b
8	4750	11.7	− 4 49	8.40	*9.40*	Ko	4	..	38112b
9	4910	11.7	− 7 53	10.2	*10.3*	A2	2	..	38112b
10	5297	11.7	−13 1	9.1	*9.6*	F8	4	..	38064b
11	5249	11.7	−16 16	7.70	*8.70*	Ko	7	..	38064b
12	5248	11.7	−16 24	10.6	*11.1*	F8	3	..	39391b
13	5250	11.7	−16 44	10.9	*11.5*	Go	3	2,1	39391b
14	5559	11.7	−17 6	10.0	*10.3*	Fo	3	0,2	39391b
15	5290	11.7	−18 1	8.7	*9.9*	K5	3	..	39391b
16	5377	11.7	−19 55	9.8	9.8	F8	4	..	39391b
17	5478	11.7	−20 6	10.5	10.1	B9	3	..	39391b
18	5479	11.7	−20 9	9.6	10.4	Ko	1	..	39391b
19	5330	11.7	−21 48	9.3	10.1	K2	2	..	21839b
20	15193	11.7	−24 53	10.1	9.8	A3	2	..	40432b
21	14028	11.7	−26 6	8.8	9.5	Ko	3	..	40432b
22	13406	11.7	−38 50	8.6	9.8	K2	2	..	40427b
23	13185	11.7	−40 50	10.8	10.9	Ao	2	..	39471b
24	13442	11.7	−41 53	10.3	10.9	G5	1	..	39471b
25	13014	11.7	−48 36	8.4	9.1	Ko	4	..	41441b
26	12602	11.7	−49 5	9.7	9.7	A3	3	..	41441b
27	7284	11.7	−60 58	*9.4*	9.9	F8	2	..	39381b
28	3985	11.7	−64 3	*9.0*	9.3	Fo	4	..	42464b
29	938	11.8	+71 56	8.5	*8.5*	Ao	4	..	37224i
30	3611	11.8	+23 17	8.8	*8.9*	A2	1	..	38511i
31	4009	11.8	+ 7 18	10.1	*11.1*	Ko	2	..	23239b
32	4076	11.8	+ 6 44	8.7	*9.7*	Ko	3	..	14171b
33	4156	11.8	+ 0 49	10.5	*11.3*	G5	2	..	23253b
34	4546	11.8	− 3 11	9.6	*10.8*	K5	1	..	23253b
35	4751	11.8	− 4 28	8.3	*9.4*	K2	3	..	13464b
36	4919	11.8	− 8 3	10.5	*11.9*	Ma	..	..	M
37	5073	11.8	− 9 48	9.8	*9.8*	Ao	2	..	38112b
38	5371	11.8	−14 41	8.3	*8.3*	B9	7	..	38064b
39	5291	11.8	−18 6	8.1	*8.4*	Fo	6	..	38064b
40	5379	11.8	−19 8	5.03	6.2	Ko	..	5,9 R	56,144
41	5480	11.8	−20 10	9.8	10.4	G5	2	..	39391b
42	13908	11.8	−25 43	10.1	9.6	Ao	3	..	40432b
43	14106	11.8	−33 20	7.52	7.8	B8	9	..	23725b
44	13566	11.8	−34 8	9.0	8.9	A3	6	..	23725b
45	13409	11.8	−38 33	9.3	10.7	K2	1	..	40427b
46	13218	11.8	−39 43	7.5	8.0	F5	9	..	40427b
47	13249	11.8	−44 18	10.1	10.5	F8	3	..	39471b
48	12933	11.8	−46 12	7.4	8.1	K2	6	..	41441b
49	12934	11.8	−46 36	9.9	11.3	K5	1	..	39471b
50	1035	11.9	+69 43	8.7	*8.8*	A2	3	..	38029i
51	*3086*	11.9	+45 0	8.02	*8.02*	Ao	5	..	37348i
52	3504	11.9	+38 33	7.55	*7.83*	Fo	4	..	38520i
53	3313	11.9	+27 17	6.26	*6.24*	B9	7	..	38509i
54	3713	11.9	+21 13	4.60	*4.48*	B5	..	..	56,97
55	3852	11.9	+14 23	5.46	*5.46*	Ao	9	0,10	38808i
56	3969	11.9	+13 56	7.9	*8.4*	F8	2	..	37202i
57	..	11.9	− 3 17	..	..	A5	1	..	23253b
58	4753	11.9	− 4 0	9.3	*9.3*	B8	3	..	23253b
59	5074	11.9	− 9 36	9.3	*10.3*	Ko	1	..	38112b
60	5301	11.9	−15 8	10.5	*10.5*	B9	2	..	38064b
61	5300	11.9	−15 48	10.9	*11.0*	A2	3	..	39391b
62	5253	11.9	−16 9	6.54	*6.62*	A3	9	..	38064b
63	5252	11.9	−16 48	10.6	*11.2*	Go	2	..	39391b
64	5562	11.9	−17 26	10.2	*10.2*	Ao	4	..	39391b
65	5561	11.9	−17 33	10.5	*10.9*	F5	2	..	39391b
66	5293	11.9	−18 13	9.3	*10.3*	Ko	5	..	39391b
67	5294	11.9	−18 26	10.5	*10.6*	A2	5	..	39391b
68	5380	11.9	−19 48	8.88	9.8	G5	4	..	39391b
69	5331	11.9	−21 21	9.6	10.1	K2	3	..	39391b
70	13911	11.9	−25 14	8.8	8.6	A3	5	..	40432b
71	16557	11.9	−31 26	9.6	9.7	G5	2	..	40432b
72	14082	11.9	−42 22	9.2	9.8	Go	3	..	39471b
73	13251	11.9	−44 5	11.6	11.3	G5	1	..	39471b
74	*13111*	11.9	−44 59	11.6	11.1	Go	1	..	39471b
75	12029	11.9	−51 46	6.70	6.7	Ao	10	..	41414b
76	9321	11.9	−54 38	8.3	9.0	G5	6	..	39381b
77	7474	11.9	−59 0	*9.8*	10.2	F5	2	..	39381b
78	7473	11.9	−59 49	8.52	9.3	Go	5	..	39381b
79	3788	11.9	−65 15	*8.8*	9.6	G5	2	..	20541b
80	849	11.9	−81 6	*8.4*	8.9	F8	3	..	14161b
81	3640	12.0	+40 30	8.8	*8.8*	A	2	..	37348i
82	3699	12.0	+39 57	7.97	*7.95*	B9	5	0,5	38520i
83	3314	12.0	+27 45	6.06	*6.56*	F8p	7	0,7 R	38501i
84	3698	12.0	+24 37	8.0	*8.8*	G5	2	..	37829i
85	3787	12.0	+11 40	7.9	*8.0*	A2	2	..	37202i
86	3786	12.0	+11 29	9.1	*9.5*	F5	4	..	23239b
87	3849	12.0	+10 49	8.1	*8.0*	B5	5	..	14171b
88	3850	12.0	+10 19	9.8	*9.8*	Ao	4	..	23239b
89	*4029*	12.0	+ 9 4	10.5	*10.5*	B9	3	..	23239b
90	4157	12.0	+ 0 34	7.73	*8.73*	Ko	3	2,2	13464b
91	3697	12.0	− 1 46	9.3	*10.3*	Ko	2	..	23253b
92	4925	12.0	− 2 39	10.0	*10.8*	G5	1	..	23253b
93	4548	12.0	− 3 34	8.9	*9.0*	A2	3	..	13464b
94	5085	12.0	− 6 56	10.5	*10.5*	Ao	2	..	38112b
95	4911	12.0	− 7 2	10.0	*11.1*	K2	1	..	38112b
96	5335	12.0	−12 22	9.1	*9.9*	G5	2	..	38064b
97	5302	12.0	−15 9	9.6	*9.9*	Fo	2	..	38064b
98	5384	12.0	−19 36	9.3	9.2	A2	6	..	39391b
99	5333	12.0	−21 20	10.2	10.1	Fo	4	..	39391b
100	5332	12.0	−21 42	8.5	8.9	G5	5	..	21839b

180600 — 19h 12m.0

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	16559	12.0	−31 38	8.6	9.4	F5	3	..	40432b
2	14108	12.0	−33 19	8.9	10.0	Ko	1	..	23725b
3	13279	12.0	−43 15	9.7	11.1	Go	2	..	39471b
4	13280	12.0	−43 45	10.6	*11.8*	K5	1	..	39471b
5	13115	12.0	−45 56	10.3	10.9	K2	4	..	39471b
6	12429	12.0	−50 31	8.6	9.5	K2	3	..	41441b
7	9364	12.0	−57 28	9.2	10.2	Go	2	..	39381b
8	1329	12.0	−76 28	*9.4*	10.0	Go	2	..	42793b
9	*1500*	12.1	+64 1	8.9	*9.2*	F	2	..	38067i
10	1968	12.1	+57 32	5.26	*6.26*	Ko	9	..	38518i
11	2788	12.1	+47 48	9.0	*9.5*	F8	3	..	37348i
12	3517	12.1	+31 27	8.2	*8.2*	Ao	2	..	37885i
13	*3494*	12.1	+31 4	6.75	*6.73*	B9	7	..	37885i
14	3495	12.1	+30 52	6.86	*7.86*	Ko	3	..	37885i
15	3504	12.1	+26 41	7.11	*7.61*	F8	4	0,3	38511i
16	4010	12.1	+ 7 59	10.5	*10.5*	B9	3	..	23239b
17	*4048*	12.1	+ 5 3	9.5	*10.9*	Ma	2	..	23239b
18	4049	12.1	+ 4 32	10.5	*10.5*	B9	1	..	21770b
19	*3839*	12.1	+ 3 1	9.8	*9.8*	B9	2	..	21770b
20	*3953*	12.1	+ 2 3	9.0	*10.2*	K5	3	..	23253b
21	3954	12.1	+ 1 33	9.8	*10.3*	F8	2	..	21770b
22	4158	12.1	+ 0 20	7.53	*8.60*	K2	3	3,2	13464b
23	4929	12.1	− 2 43	10.0	*10.0*	Ao	2	..	23253b
24	4912	12.1	− 7 2	9.2	*9.7*	F8	5	..	38112b
25	4936	12.1	−11 13	10.0	*10.0*	Ao	2	..	38112b
26	5298	12.1	−13 14	9.3	*9.3*	B8	5	..	38064b
27	5372	12.1	−14 39	10.6	*11.2*	Go	1	..	38064b
28	5255	12.1	−16 33	9.3	*9.3*	Ao	4	..	38064b
29	5564	12.1	−17 7	7.9	*7.8*	B5	7	..	38064b
30	5295	12.1	−18 4	10.0	*10.0*	Ao	5	..	39391b
31	5481	12.1	−20 2	9.28	9.8	G5	4	..	39391b
32	13572	12.1	−34 20	10.3	9.2	Ao	4	..	23725b
33	13446	12.1	−41 29	7.5	8.0	Ao	9	..	39471b
34	12604	12.1	−49 29	10.6	10.6	Ko	2	..	39681b
35	1969	12.2	+57 10	8.7	*9.7*	Ko	1	..	38889i
36	2789	12.2	+47 9	8.6	*9.4*	G5	2	..	37348i
37	*2863*	12.2	+46 0	8.7	*8.7*	A	3	..	37348i
38	3268	12.2	+28 7	8.1	*8.2*	A2	2	..	38509i
39	4048	12.2	+ 9 10	9.1	*9.1*	A	5	..	23239b
40	4011	12.2	+ 7 13	8.6	*8.6*	B9	5	..	14171b
41	4100	12.2	+ 5 36	8.6	*9.1*	F8	5	..	14171b
42	4159	12.2	+ 0 54	8.1	*7.9*	B3	6	2,3	21770b
43	3698	12.2	− 1 3	9.1	*9.9*	G5	3	..	23253b
44	4549	12.2	− 3 29	9.8	*9.8*	Ao	4	..	23253b
45	..	12.2	− 7 32	..	..	Ao	1	..	38112b
46	4937	12.2	−11 4	9.3	*9.3*	B8	3	..	38112b
47	4938	12.2	−11 9	9.3	*9.3*	Ao	3	..	38112b
48	5566	12.2	−17 53	10.7	*11.8*	K2	1	..	39391b
49	5386	12.2	−19 20	8.7	9.0	A2	8	..	39391b
50	5483	12.2	−20 28	10.5	11.2	Ko	1	..	39391b
51	5334	12.2	−21 35	10.5	10.1	A2	2	..	21839b
52	16561	12.2	−31 0	9.3	9.5	Ao	5	..	40432b
53	14109	12.2	−33 40	8.3	9.2	K2	4	..	23725b
54	13283	12.2	−43 17	10.1	10.9	F8	2	..	39471b
55	13282	12.2	−43 39	9.1	11.1	Ma	2	..	39471b
56	2170	12.3	+55 46	6.85	*7.92*	K2	7	..	38518i
57	*2864*	12.3	+46 4	9.0	*9.0*	A	1	..	37348i
58	3281	12.3	+41 26	8.1	*9.1*	Ko	2	..	37348i
59	3394	12.3	+37 8	7.41	*7.41*	Ao	5	..	38520i
60	4047	12.3	+ 9 10	8.5	*9.5*	Ko	4	0,4	23239b
61	..	12.3	+ 7 30	..	..	A2	3	..	23239b
62	*4160*	12.3	+ 1 5	9.19	*9.97*	G5	2	..	21770b
63	4920	12.3	− 8 17	9.8	*9.9*	A2	3	..	38112b
64	5299	12.3	−13 37	9.3	*9.3*	Ao	4	..	38064b
65	5300	12.3	−13 37	9.3	*9.4*	A2	5	..	38064b
66	5374	12.3	−14 8	10.5	*10.6*	A2	1	..	38064b
67	5373	12.3	−14 50	9.6	*10.2*	Go	1	..	38064b
68	5568	12.3	−17 47	10.7	*10.8*	A3	2	..	39391b
69	5296	12.3	−18 23	9.3	*10.4*	K2	4	..	39391b
70	5484	12.3	−20 16	10.2	11.0	Ko	2	..	39391b
71	5046	12.3	−22 44	10.5	10.1	A3	2	..	21339b
72	15263	12.3	−23 11	10.3	11.2	K5	1	..	21839b
73	15262	12.3	−23 22	9.8	9.0	B9	5	..	21839b
74	*13919*	12.3	−24 59	9.6	8.9	Ao	3	..	40432b
75	*15639*	12.3	−27 59	8.8	10.1	Ko	1	..	40432b
76	15638	12.3	−28 32	9.8	9.8	A3	1	..	40432b
77	13573	12.3	−34 23	8.3	8.9	Ko	5	..	23725b
78	13284	12.3	−43 11	10.1	11.5	K5	1	..	39471b
79	9054	12.3	−55 51	8.6	10.5	Ko	1	..	39381b
80	6367	12.3	−61 16	8.5	10.2	K2	3	..	39381b
81	2865	12.4	+45 9	7.32	*7.32*	Ao	7	..	37348i
82	3645	12.4	+40 12	7.07	*8.07*	Ko	4	..	37348i
83	3507	12.4	+38 12	7.7	*8.3*	Go	3	..	38520i
84	4014	12.4	+18 49	6.97	*7.53*	Go	5	2,5	37202i
85	3754	12.4	+15 49	8.9	*8.9*	A	2	..	37202i
86	3867	12.4	+12 57	8.4	*8.4*	Ao	3	..	14171b
87	4079	12.4	+ 6 46	10.5	*10.5*	Ao	2	..	23239b
88	3699	12.4	− 1 21	8.9	*10.0*	K2	4	..	23253b
89	5086	12.4	− 6 9	9.3	*9.3*	B9	3	..	38112b
90	4915	12.4	− 7 15	9.8	*9.9*	A3	2	..	38112b
91	4939	12.4	−11 29	9.3	*9.4*	A3	3	..	38112b
92	4940	12.4	−11 35	8.5	*8.5*	B9	6	..	38112b
93	5375	12.4	−14 25	10.9	*10.9*	Ao	1	..	38064b
94	*5304*	12.4	−14 55	8.96	*9.74*	G5	2	..	38064b
95	5256	12.4	−16 7	7.7	*7.7*	Ao	8	..	38064b
96	5257	12.4	−16 26	8.9	*9.9*	Ko	3	..	38064b
97	5569	12.4	−17 33	10.0	*10.1*	A2	3	R	39391b
98		12.4	−17 33			A2			
99	5387	12.4	−19 3	6.82	7.2	B9	6	..	43224b
100	5388	12.4	−19 32	7.99	9.2	Mb	5	..	39391b

180700 — 19h 12m.4

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	15203	12.4	−24 48	10.3	9.8	Ko	1	..	40432b
2	14114	12.4	−33 28	7.05	7.8	Go	9	..	23725b
3	13411	12.4	−38 57	8.7	10.1	K5	2	..	40427b
4	13450	12.4	−41 11	8.3	8.6	A2	8	..	39471b
5	13449	12.4	−41 35	8.4	9.2	Ko	5	..	39471b
6	13122	12.4	−45 6	10.1	11.1	K5	1	..	39471b
7	13124	12.4	−45 49	9.9	11.2	G5	1	..	39471b
8	1332	12.4	−76 6	*9.8*	9.8	Ao	3	..	42793b
9	1231	12.4	−78 25	*7.9*	8.5	Go	6	..	42793b
10	169	12.4	−88 4	*8.3*	8.9	Go	7	5,7	22980b
11	1129	12.5	+67 29	3.24	*4.24*	Ko	..	R	1374c
12	1974	12.5	+59 22	7.74	*8.24*	F8	3	..	38518i
13	3699	12.5	+24 7	8.4	*8.4*	B9	3	..	37829i
14	4015	12.5	+18 39	8.3	*8.6*	Fo	2	..	38511i
15	3755	12.5	+15 55	8.5	*8.5*	B9	3	..	37202i
16	3851	12.5	+10 47	10.5	*11.1*	Go	3	..	23239b
17	4013	12.5	+ 7 47	8.7	*9.5*	G5	5	..	23239b
18	4012	12.5	+ 7 34	10.5	*10.5*	Ao	2	..	23239b
19	4080	12.5	+ 6 38	9.1	*9.5*	F5	3	..	23239b
20	4081	12.5	+ 6 13	10.5	*11.0*	F8	3	..	23239b
21	*3964*	12.5	+ 4 5	9.5	*9.6*	A2	2	..	21770b
22	3965	12.5	+ 3 25	8.7	*9.7*	Ko	2	..	21770b
23	3958	12.5	+ 1 53	9.3	*10.3*	Ko	1	..	21770b
24	3700	12.5	− 1 52	9.8	*10.2*	F5	2	..	23253b
25	..	12.5	− 6 48	..	..	Ao	1	..	38112b
26	4921	12.5	− 8 24	9.8	*10.1*	F	1	..	38112b
27	5079	12.5	− 9 51	7.96	*8.24*	Fo	7	..	38112b
28	*5337*	12.5	−11 58	9.3	*9.8*	F8	2	..	38112b
29	5376	12.5	−14 3	10.0	*10.6*	Go	2	..	38064b
30	5259	12.5	−16 52	8.3	*8.4*	A5	5	..	38064b
31	5570	12.5	−17 10	8.9	*8.9*	Ao	4	..	38064b
32	5297	12.5	−18 38	9.3	*10.4*	K2	3	..	39391b
33	5486	12.5	−20 37	8.5	9.0	Ko	8	..	39391b
34	14043	12.5	−26 15	9.0	8.3	B9	7	..	40432b
35	4510	12.5	−63 18	*8.2*	9.0	G5	4	..	42464b
36	3424	12.5	−66 7	*9.2*	9.6	F5	3	..	20541b
37	1331	12.5	−76 34	*8.8*	8.9	A2	7	..	42793b
38	*1831*	12.6	+62 1	8.28	*8.78*	F8	2	..	37970i
39	4095	12.6	+20 23	8.4	*8.4*	Ao	2	..	38523i
40	4015	12.6	+ 7 39	8.7	*8.7*	Ao	5	..	14171b
41	3840	12.6	+ 2 15	9.3	*9.8*	F8	2	..	21770b
42	4943	12.6	−11 37	7.9	*8.9*	Ko	6	..	38112b
43	5260	12.6	−16 0	8.1	*8.2*	A2	5	..	38064b
44	5571	12.6	−17 15	8.5	*8.5*	B9	5	..	38064b
45	5390	12.6	−19 15	8.83	11.0	Ma	1	..	39391b
46	15209	12.6	−24 3	9.3	8.3	Ao	7	..	21839b
47	15647	12.6	−28 50	9.0	9.8	Ko	1	..	40432b
48	14116	12.6	−33 21	7.73	8.5	Go	7	..	23725b
49	13222	12.6	−39 34	10.1	10.1	A3	2	..	40427b
50	*13453*	12.6	−40 59	9.5	9.8	G5	4	..	39471b
51	14092	12.6	−42 14	8.3	8.1	Go	8	..	39471b
52	7475	12.6	−59 22	*9.8*	10.2	F5	4	..	39381b
53	6368	12.6	−61 4	8.9	9.9	Ko	4	..	39381b
54	1036	12.7	+69 32	8.2	*8.3*	A2	2	..	38029i
55	1130	12.7	+67 25	9.5	*10.9*	Ma	..	..	M
56	2968	12.7	+49 55	6.34	*7.12*	G5	7	..	37392i
57	*3290*	12.7	+43 1	9.3	*9.3*	B9	3	..	37348i
58	4033	12.7	+ 8 52	10.1	*10.1*	Ao	3	..	23239b
59	4052	12.7	+ 4 48	8.6	*8.6*	Ao	2	..	38560i
60	4164	12.7	+ 0 27	9.3	*9.3*	B8	3	..	21770b
61	3694	12.7	− 0 13	9.0	*9.3*	F2	4	6,2	21770b
62	3696	12.7	− 0 21	9.8	*10.8*	Ko	2	..	23253b
63	3695	12.7	− 0 37	10.5	*10.5*	B9	1	..	23253b
64	5082	12.7	− 9 6	9.6	*10.4*	G5	1	..	38112b
65	5083	12.7	− 9 45	10.7	*10.7*	Ao	1	..	38112b
66	5377	12.7	−14 0	9.1	*10.1*	Ko	4	..	38064b
67	..	12.7	−16 12	..	..	Ao	2	..	39391b
68	5298	12.7	−18 52	7.38	*7.66*	Fo	10	..	39391b
69	15649	12.7	−28 24	8.6	9.2	K2	3	..	40432b
70	15050	12.7	−32 1	8.1	9.2	Ko	4	..	40432b
71	13135	12.7	−37 5	6.89	7.6	Ko	7	..	40427b
72	13136	12.7	−37 49	8.6	10.1	A3	3	..	40427b
73	13195	12.7	−40 1	9.9	9.8	F8	2	..	40427b
74	9057	12.7	−55 55	9.2	10.5	G5	1	..	39381b
75	3425	12.7	−66 21	*8.2*	9.3	K2	2	..	41442b
76	605	12.7	−84 54	*8.9*	9.0	A2	6	..	14161b
77	717	12.8	+76 24	5.06	*5.34*	Fo	..	0,10	56,97
78	1976	12.8	+59 31	7.46	*7.54*	A3	6	..	38518i
79	3852	12.8	+10 43	10.1	*10.7*	Go	3	..	23239b
80	4017	12.8	+ 7 26	10.1	*10.1*	B9	5	..	23239b
81	3966	12.8	+ 3 7	8.5	*9.3*	G5	4	..	21770b
82	3960	12.8	+ 1 52	6.12	*6.12*	Ao	9	..	38560i
83	3701	12.8	− 1 7	7.20	*7.34*	A5	9	2,8-	23253b
84	4553	12.8	− 3 39	9.3	*9.3*	B8	3	..	13464b
85	4927	12.8	− 5 36	7.78	*8.85*	K2	5	..	38112b
86	4916	12.8	− 7 21	9.6	*9.6*	B9	3	..	38112b
87	5338	12.8	−12 14	10.5	*11.5*	Ko	1	..	38064b
88	5304	12.8	−13 20	9.3	*10.4*	K2	2	..	38064b
89	5303	12.8	−13 48	9.8	*9.9*	A3	5	..	38064b
90	5378	12.8	−14 31	9.3	*10.4*	K2	1	..	38064b
91	5305	12.8	−15 14	11.1	*11.1*	Ao	2	..	39391b
92	5306	12.8	−15 37	10.0	*11.0*	Ko	2	..	39391b
93	5263	12.8	−16 25	10.7	*11.3*	Go	2	..	39391b
94	5264	12.8	−16 40	9.3	*10.5*	K5	1	..	38064b
95	5573	12.8	−17 23	8.3	*9.3*	Ko	4	..	38064b
96	5299	12.8	−18 54	8.02	*9.02*	Ko	7	..	39391b
97	5391	12.8	−19 54	10.5	10.7	B9	3	..	39391b
98	5487	12.8	−20 28	10.5	10.1	Fo	4	..	39391b
99	13927	12.8	−25 27	9.3	9.2	Fo	3	..	40432b
100	14051	12.8	−26 13	8.8	8.7	F5	5	..	40432b

180800 — $19^h\,12^m.8$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14050	12.8	−26 24	10.5	9.8	B9	2	..	40432b
2	13484	12.8	−36 50	7.22	7.5	F5	7	..	40427b
3	13456	12.8	−41 17	9.2	9.8	Ko	3	..	39471b
4	13454	12.8	−41 38	10.6	10.1	Go	2	..	39471b
5	12845	12.8	−47 41	10.1	10.5	Go	3	..	39681b
6	13027	12.8	−48 50	10.6	10.3	A2	3	..	39681b
7	9367	12.8	−57 15	*10.2*	10.5	Fo	1	..	39381b
8	2983	12.8	−69 35	7.8	8.3	F8	6	..	41442b
9	3398	12.9	+37 57	4.46	*5.46*	Ko	..	o,R	56,97
10	3497	12.9	+30 58	8.0	*9.4*	Ma	1	..	37885i
11	3644	12.9	+22 15	8.0	*8.0*	B9	3	*1*,3	38511i
12	3853	12.9	+10 11	8.87	*8.85*	B9	2	..	14171b
13	*4051*	12.9	+10 5	9.37	*9.37*	Ao	1	..	14171b
14	4052	12.9	+ 9 29	9.5	*9.5*	Ao	1	..	14171b
15	4034	12.9	+ 8 27	8.9	*8.9*	Ao	4	..	14171b
16	4019	12.9	+ 7 11	8.6	*8.7*	A5	7	*2*,4-	23239b
17	3841	12.9	+ 2 31	9.8	*9.8*	B9	3	..	23253b
18	3702	12.9	− 1 11	8.6	*9.7*	K2	2	..	23253b
19	4917	12.9	− 7 8	9.3	*9.4*	A5	4	..	38112b
20	5339	12.9	−12 3	9.8	*10.6*	G5	2	..	38064b
21	5306	12.9	−13 9	9.8	*10.9*	K2	1	..	38064b
22	5305	12.9	−13 41	10.0	*10.0*	Ao	3	..	38064b
23	5307	12.9	−15 17	10.9	*12.0*	K2	1	..	39391b
24	5265	12.9	−16 5	10.9	*11.0*	A2	2	..	38064b
25	5266	12.9	−16 31	10.5	*11.9*	Ma	1	..	39391b
26	5574	12.9	−17 11	9.3	*10.3*	Ko	4	..	39391b
27	5336	12.9	−21 35	9.6	9.0	Ao	4	..	21839b
28	5049	12.9	−22 16	8.1	8.0	A2	8	..	21839b
29	15270	12.9	−23 2	10.5	10.4	F8	1	..	21839b
30	13389	12.9	−35 10	8.6	8.7	Fo	5	..	40427b
31	13388	12.9	−35 49	9.3	9.5	F5	4	..	40427b
32	13198	12.9	−40 55	10.1	10.1	F8	4	..	39471b
33	13294	12.9	−43 53	9.9	11.5	K2	2	..	39471b
34	13259	12.9	−44 41	11.0	11.2	Ko	1	..	39471b
35	13129	12.9	−45 5	10.3	11.1	Go	1	..	39471b
36	12943	12.9	−46 1	9.5	9.9	A2	5	..	39471b
37	13028	12.9	−48 12	9.3	9.4	Fo	4	..	39681b
38	3426	12.9	−66 46	*7.9*	9.0	K2	4	..	41442b
39	2367	12.9	−72 0	*8.7*	9.8	K2	2	..	42526b
40	1781	12.9	−74 52	8.34	9.4	K2	4	..	42526b
41	*690*	13.0	+76 1	8.22	*8.72*	F8	3	..	37224i
42	1698	13.0	+62 37	7.8	*7.8*	Ao	4	..	38067i
43	*2110*	13.0	+55 0	7.91	*7.91*	Ao	5	..	38518i
44	3379	13.0	+32 57	7.01	*6.89*	B5	7	..	37885i
45	3789	13.0	+11 36	9.3	*9.3*	Ao	3	..	23239b
46	3854	13.0	+10 52	9.0	*9.1*	A2	1	..	14171b
47	*4053*	13.0	+10 4	9.5	*10.1*	Go	2	..	23239b
48	4035	13.0	+ 8 37	8.6	*8.7*	A3	4	*1*,2	14171b
49	4918	13.0	− 7 14	9.8	*10.9*	K2	2	..	38112b
50	5340	13.0	−12 39	10.0	*10.0*	Ao	4	..	38064b
51	5379	13.0	−14 29	9.6	*9.6*	B9	4	..	38064b
52	*5308*	13.0	−14 59	8.91	*9.47*	Go	5	..	38064b
53	5267	13.0	−16 15	10.7	*10.7*	Ao	2	..	39391b
54	5268	13.0	−16 17	10.7	*11.7*	Ko	1	..	39391b
55	..	13.0	−16 53	..	..	Fo	2	..	39391b
56	5575	13.0	−17 4	10.2	*10.2*	Ao	3	..	39391b
57	5392	13.0	−19 54	8.93	9.2	Ko	4	..	39391b
58	5488	13.0	−20 50	11.0	11.0	A2	2	..	39391b
59	5337	13.0	−21 53	9.3	9.0	A2	4	..	21839b
60	15657	13.0	−28 2	9.8	9.5	A3	3	..	40432b
61	16570	13.0	−31 8	9.1	9.7	Ko	2	..	40432b
62	15053	13.0	−32 40	10.3	9.8	F8	3	..	23725b
63	13226	13.0	−39 35	8.9	9.5	G5	3	..	40427b
64	13459	13.0	−41 26	9.3	9.8	Ko	3	..	39471b
65	3427	13.0	−66 19	*8.6*	9.6	Ko	1	..	41442b
66	*2865*	13.1	+49 2	8.3	*9.1*	G5	3	..	37348i
67	2651	13.1	+46 53	8.1	*8.6*	F8	4	..	37348i
68	3790	13.1	+11 25	5.14	5.28	A5	10	R	37202i
69	3856	13.1	+10 47	10.5	*10.6*	A5	2	..	23239b
70	4036	13.1	+ 8 55	10.5	10.5	Ao	3	..	23239b
71	..	13.1	− 1 48	Neb.	Neb.	Pc	..	R	76,23
72	4932	13.1	− 2 19	9.3	*9.1*	B	2	..	23253b
73	5091	13.1	− 6 35	9.3	*9.3*	Ao	4	..	38112b
74	4919	13.1	− 7 42	9.3	*9.3*	B9	5	..	38112b
75	4946	13.1	−11 33	9.3	*10.5*	K5	1	..	38112b
76	5341	13.1	−12 50	10.0	*11.2*	K5	1	..	38064b
77	*5307*	13.1	−12 56	10.5	*10.5*	Ao	2	..	38064b
78	5382	13.1	−14 19	9.1	*9.2*	A3	6	..	38064b
79	5380	13.1	−14 43	7.91	*8.91*	Ko	5	..	38064b
80	5576	13.1	−17 0	10.5	*10.5*	Ao	3	..	39391b
81	*5300*	13.1	−17 56	9.6	*10.6*	Ko	2	..	39391b
82	5301	13.1	−18 6	9.1	*9.7*	Go	6	..	39391b
83	5050	13.1	−22 20	9.8	9.8	Go	3	..	21839b
84	16573	13.1	−31 52	8.4	9.4	K2	4	..	40432b
85	13393	13.1	−35 36	5.61	5.9	B5	..	..	56,144
86	14097	13.1	−42 36	9.2	10.3	K5	3	..	39471b
87	9150	13.1	−56 9	8.1	9.6	Ko	4	..	39381b
88	2652	13.2	+46 50	9.0	9.1	A5	3	..	37348i
89	3719	13.2	+21 38	6.72	*6.80*	A3	5	..	37829i
90	4020	13.2	+18 59	7.9	*8.7*	G5	1	..	38511i
91	..	13.2	+ 9 47	..	..	A2	2	..	23239b
92	4038	13.2	+ 8 30	10.5	*10.5*	Ao	4	..	23239b
93	4106	13.2	+ 5 28	9.8	*9.8*	Ao	4	o,1	23239b
94	3704	13.2	− 1 12	9.8	*10.4*	Go	2	..	23253b
95	4928	13.2	− 5 37	9.3	*9.3*	Ao	3	..	38112b
96	5092	13.2	− 6 52	7.9	*8.9*	Ko	6	..	38112b
97	5308	13.2	−13 16	9.3	*10.3*	Ko	2	..	38064b
98	5577	13.2	−17 39	10.9	*11.5*	Go	1	..	39391b
99	..	13.2	−17 50	..	..	A2	1	..	39391b
100	5302	13.2	−18 10	10.2	*11.3*	K2	1	..	39391b

180900 **$19^h\,13^m.2$**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5489	13.2	−20 53	10.5	10.1	F5	4	..	39391b
2	15276	13.2	−23 44	8.4	8.6	Ko	7	..	21839b
3	15216	13.2	−24 34	9.6	9.2	Ao	2	..	21839b
4	15977	13.2	−29 11	8.1	8.8	F8	6	..	40432b
5	14098	13.2	−42 1	10.1	10.9	A3	1	..	39471b
6	13135	13.2	−45 3	10.3	11.2	Ko	1	..	39471b
7	12616	13.2	−49 42	9.7	9.7	Fo	3	..	39681b
8	12042	13.2	−51 14	9.3	9.7	F5	3	R	41414b
9	11419	13.2	−52 54	7.2	7.7	Go	6	..	41414b
10	3428	13.2	−66 57	*9.6*	10.6	Ko	1	..	20541b
11	2986	13.2	−69 10	*9.1*	9.9	G5	2	..	20541b
12	2112	13.3	+54 24	8.3	*8.3*	Ao	3	..	37392i
13	2653	13.3	+46 19	8.9	*9.9*	K	1	..	37348i
14	3515	13.3	+38 58	8.1	*8.1*	Ao	3	..	38520i
15	3514	13.3	+38 42	8.0	*8.1*	A2	4	..	38520i
16	3542	13.3	+29 39	8.8	*8.8*	A	1	..	38501i
17	3275	13.3	+28 37	8.2	*8.7*	F5	3	3,3-	21597i
18	4020	13.3	+ 7 30	9.1	*10.1*	Ko	5	..	23239b
19	4165	13.3	+ 0 34	9.8	*11.2*	Mb	1	..	23253b
20	4929	13.3	− 8 16	8.6	*8.6*	Ao	4	..	38112b
21	4947	13.3	−11 3	9.3	*9.3*	B8	3	..	38112b
22	4948	13.3	−11 4	8.5	*9.1*	Go	5	..	38112b
23	5344	13.3	−12 16	9.3	*10.4*	K2	1	..	38064b
24	5342	13.3	−12 39	10.0	*10.8*	G5	2	..	38064b
25	5309	13.3	−13 33	9.3	*9.3*	B9	5	..	38064b
26	..	13.3	−15 7	..	..	K5	1	..	39391b
27	..	13.3	−15 18	..	..	K2	1	..	39391b
28	5310	13.3	−15 42	6.28	*7.35*	K2	7	2,9	43224b
29	5578	13.3	−17 4	8.5	*8.5*	B9	4	..	38064b
30	5491	13.3	−20 28	9.3	9.8	Fo	7	..	39391b
31	14057	13.3	−26 0	9.4	9.2	A2	3	..	40432b
32	15663	13.3	−28 43	9.0	9.5	F8	2	..	40432b
33	12618	13.3	−49 5	9.3	9.7	Ao	4	..	41441b
34	9330	13.3	−54 46	8.3	8.4	A5	7	..	39381b
35	3789	13.3	−65 22	*8.5*	9.5	Ko	2	..	41442b
36	3429	13.3	−66 37	*9.3*	9.9	Go	2	..	20541b
37	*1131*	13.4	+68 3	9.8	*10.8*	Ko	2	..	38067i
38	*3706*	13.4	+25 4	7.41	*7.41*	Ao	6	..	37829i
39	3647	13.4	+22 16	var.	var.	B8	..	5,7 R	**56**,97
40	4024	13.4	+18 40	7.6	*8.6*	Ko	1	..	38511i
41	3869	13.4	+12 18	9.0	*9.8*	G5	3	..	23239b
42	3792	13.4	+11 41	8.5	*8.8*	Fo	2	..	14171b
43	4021	13.4	+ 7 56	10.1	*10.4*	Fo	3	..	23239b
44	4109	13.4	+ 5 49	10.5	*10.5*	B9	2	..	23239b
45	4057	13.4	+ 4 57	7.25	*7.67*	F5	5	..	38560i
46	4056	13.4	+ 4 42	8.4	*8.4*	B9	5	..	21770b
47	4167	13.4	+ 0 34	9.8	*11.0*	K5	1	..	23253b
48	4935	13.4	− 2 4	9.8	*10.6*	G5	2	..	23253b
49	4764	13.4	− 4 40	9.6	*10.4*	G5	3	..	23253b
50	..	13.4	−12 43	..	..	Go	2	..	38064b
51	5345	13.4	−12 55	10.0	*11.1*	K2	1	..	38064b
52	5311	13.4	−13 31	9.1	*9.7*	Go	4	..	38064b
53	5272	13.4	−16 5	7.20	..	Na	3	R	38064b
54	5340	13.4	−21 4	8.45	9.2	Ko	7	..	39391b
55	5052	13.4	−22 7	9.3	10.1	K2	2	..	21839b
56	14058	13.4	−26 22	9.6	9.5	F8	3	..	40432b
57	15665	13.4	−28 47	9.0	9.6	Go	2	..	40432b
58	16579	13.4	−31 54	var.	var.	Md	..	R	M
59	13139	13.4	−45 50	10.6	10.8	G5	1	..	39471b
60	*12620*	13.4	−48 58	8.5	10.0	K2	2	..	41441b
61	12619	13.4	−49 21	9.7	10.9	G5	1	..	39681b
62	9370	13.4	−57 5	*9.6*	10.2	Go	2	..	39381b
63	6369	13.4	−61 27	9.1	10.5	G5	1	..	39381b
64	2627	13.4	−70 18	7.64	8.1	F8	6	..	41442b
65	850	13.4	−81 44	8.03	8.2	F2	7	..	14161b
66	2657	13.5	+46 25	7.9	*7.9*	Ao	6	0,4	37348i
67	2656	13.5	+46 15	8.5	*9.5*	K	..	..	37348i
68	3648	13.5	+22 51	5.40	*5.16*	Bo	..	0,9	**56**,97
69	3793	13.5	+11 25	8.9	*9.4*	F8	1	..	14171b
70	4058	13.5	+ 4 23	9.3	*9.6*	Fo	4	..	21770b
71	3842	13.5	+ 2 16	9.1	*9.6*	F8	4	..	21770b
72	4168	13.5	+ 0 55	5.32	*6.32*	Ko	..	0,9-	**56**,97
73	4166	13.5	+ 0 15	6.74	*7.02*	Fo	5	5,9	38560i
74	3706	13.5	− 1 45	8.42	*8.40*	B9	4	..	13464b
75	4556	13.5	− 3 19	9.8	*9.8*	B9	4	..	23253b
76	*5096*	13.5	− 5 57	7.9	*7.9*	Ao	2	..	10078b
77	4950	13.5	−11 6	8.5	*8.5*	B9	6	1,1	38112b
78	5312	13.5	−13 31	9.8	*10.3*	F8	3	..	38064b
79	..	13.5	−16 21	..	..	Go	1	..	39391b
80	5273	13.5	−16 51	9.6	*10.2*	Go	3	..	38064b
81	5393	13.5	−19 38	10.0	10.1	Go	3	..	39391b
82	5492	13.5	−20 7	9.6	10.1	F5	7	..	39391b
83	5053	13.5	−22 7	9.6	10.1	Go	2	..	21839b
84	16902	13.5	−30 52	8.17	9.4	K2	3	..	40432b
85	13419	13.5	−38 7	8.3	9.2	A5	4	..	40427b
86	13206	13.5	−40 19	9.3	9.5	Ao	5	..	40427b
87	9060	13.5	−55 33	7.5	8.4	G5	7	..	39381b
88	606	13.6	+80 21	8.33	*9.33*	Ko	2	E	37294i
89	3552	13.6	+35 48	8.2	*8.3*	A3	3	..	38520i
90	3779	13.6	+25 41	8.6	*8.6*	Ao	3	..	37829i
91	4054	13.6	+ 9 44	10.5	*10.5*	Ao	3	..	23239b
92	4055	13.6	+ 9 29	10.5	*11.5*	Ko	2	..	23239b
93	..	13.6	+ 6 21	Neb.	Neb.	Pd	..	R	**76**,23
94	4084	13.6	+ 6 9	8.7	*9.5*	G5	4	..	14171b
95	3843	13.6	+ 2 21	8.9	*10.0*	K2	2	..	21770b
96	*4768*	13.6	− 3 57	8.3	*9.4*	K2	3	..	13464b
97	4766	13.6	− 4 25	9.3	*10.1*	G5	2	..	23253b
98	5097	13.6	− 6 13	9.6	*9.7*	A2	1	..	38112b
99	5086	13.6	− 9 21	10.2	*10.8*	G	1	..	38112b
100	5028	13.6	−10 19	8.9	*8.9*	B9	4	..	38112b

181000 — 19h 13m.6

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5313	13.6	−13 6	10.0	*10.5*	F8	2	..	38064b
2	5384	13.6	−14 10	9.6	*10.4*	G5	3	..	38064b
3	5312	13.6	−15 13	9.6	*9.6*	Ao	3	..	38064b
4	5579	13.6	−17 8	9.3	*9.3*	B9	3	..	38064b
5	5394	13.6	−19 12	var.	var.	Md	..	R	M
6	5395	13.6	−19 39	9.6	9.8	B9	6	..	39391b
7	5493	13.6	−20 36	9.8	10.1	G5	3	..	39391b
8	5342	13.6	−21 21	8.7	9.0	G5	7	..	39391b
9	15282	13.6	−23 24	11.0	10.1	Ao	2	..	21839b
10	16903	13.6	−30 38	8.4	9.5	Ko	4	..	40432b
11	14127	13.6	−33 1	10.8	9.7	A3	3	..	23725b
12	13488	13.6	−36 24	7.9	8.9	Ma	3	..	40427b
13	13420	13.6	−38 20	7.9	8.6	Fo	7	..	40427b
14	13463	13.6	−41 54	10.6	10.9	Ko	1	..	39471b
15	14103	13.6	−42 42	8.7	8.6	F5	6	..	39471b
16	11421	13.6	−52 9	9.2	9.8	Go	1	..	41414b
17	9331	13.6	−54 22	8.1	8.4	K2	5	..	41414b
18	3790	13.6	−65 45	*7.1*	7.1	B9	8	..	41442b
19	3218	13.6	−68 34	6.50	7.7	Ko	8	..	41442b
20	2969	13.7	+49 16	7.40	*8.40*	Ko	4	..	37392i
21	2868	13.7	+48 12	7.44	*8.22*	G5	5	..	37392i
22	3518	13.7	+38 52	7.09	*8.27*	K5	3	..	38520i
23	*3487*	13.7	+37 4	8.0	*8.0*	Ao	2	R	38520i
24	3530	13.7	+31 23	8.2	*9.2*	Ko	1	..	37885i
25	*3972*	13.7	+20 2	8.20	*8.34*	A5	2	..	38523i
26	3794	13.7	+11 59	8.6	*9.6*	Ko	4	..	23239b
27	4056	13.7	+ 9 26	9.8	*10.9*	K2	2	..	23239b
28	4922	13.7	− 7 10	10.5	*10.6*	A2	2	..	38112b
29	5087	13.7	− 9 17	10.0	*10.0*	A	1	..	38112b
30	*4953*	13.7	−10 58	10.2	*11.2*	Ko	1	..	38112b
31	5314	13.7	−13 30	9.6	*9.6*	Ao	5	..	38064b
32	5313	13.7	−15 38	10.6	*10.6*	Ao	2	..	39391b
33	5056	13.7	−22 22	8.5	8.1	F8	7	..	21839b
34	5054	13.7	−22 50	9.8	10.8	K2	2	..	21839b
35	15065	13.7	−32 26	8.9	9.5	Ao	4	..	23725b
36	14129	13.7	−33 38	7.9	7.9	A3	8	..	23725b
37	13594	13.7	−34 27	8.6	10.4	K5	3	..	23725b
38	13489	13.7	−36 14	9.2	8.9	Ao	4	..	40427b
39	13209	13.7	−40 10	7.52	7.8	A2	9	..	40427b
40	14105	13.7	−42 39	8.5	8.3	F8	8	..	39471b
41	13143	13.7	−45 33	7.4	8.4	Ma	7	..	39471b
42	2988	13.7	−69 19	*7.6*	8.6	Ko	5	..	41442b
43	1179	13.8	+66 57	6.81	*6.87*	A2	7	..	37907i
44	2113	13.8	+54 47	8.11	*9.11*	Ko	2	..	38518i
45	2794	13.8	+47 17	8.1	*8.9*	G5	2	..	37348i
46	3092	13.8	+44 36	8.8	*9.8*	Ko	2	..	37348i
47	3780	13.8	+25 11	8.36	*8.92*	G	2	..	37829i
48	3862	13.8	+14 17	7.7	*8.7*	Ko	4	..	37202i
49	4039	13.8	+ 8 58	9.3	*9.4*	A2	3	..	23239b
50	4062	13.8	+ 4 40	9.3	*10.1*	G5	2	..	21770b
51	3845	13.8	+ 2 31	9.5	*9.9*	F5	2	..	21770b
52	4171	13.8	+ 0 34	10.5	*10.6*	A5	3	..	23253b
53	4170	13.8	+ 0 10	6.52	*7.52*	Ko	4	0,8	38560i
54	3707	13.8	− 1 31	9.8	*10.2*	F5	3	..	23253b
55	..	13.8	− 1 43	..	..	B9	1	..	23253b
56	5347	13.8	−12 5	10.2	*11.4*	K5	1	..	38064b
57	..	13.8	−12 46	..	..	A2	1	..	38064b
58	5387	13.8	−14 20	8.3	*9.1*	G5	6	..	38064b
59	5581	13.8	−17 10	10.0	*10.5*	F8	3	..	39391b
60	..	13.8	−21 7	var.	var.	Md	4	R	21839b
61	14068	13.8	−26 4	9.4	9.5	F5	2	..	40432b
62	15992	13.8	−29 25	9.8	9.7	Ao	2	..	40432b
63	13303	13.8	−43 30	9.1	8.7	F5	8	..	39471b
64	3219	13.8	−68 26	*7.5*	7.5	B9	8	..	41442b
65	908	13.8	−80 11	*8.4*	8.9	F8	2	..	14161b
66	1983	13.9	+59 15	9.5	*10.9*	Mb	..	..	M
67	3093	13.9	+44 36	8.8	*9.8*	K	1	..	37348i
68	3292	13.9	+41 5	7.08	*7.86*	G5	5	..	37348i
69	3520	13.9	+38 57	6.56	*7.56*	Ko	6	..	38520i
70	3761	13.9	+15 22	9.3	*10.7*	Mb	2	..	4042i
71	..	13.9	+ 9 31	..	..	Go	2	..	23239b
72	4172	13.9	+ 0 49	9.1	*9.2*	A2	3	..	21770b
73	..	13.9	+ 0 36	..	..	Ao	2	..	23253b
74	4173	13.9	+ 0 20	8.9	*8.7*	B3	3	0,2	21770b
75	3701	13.9	− 0 29	9.8	*9.8*	B8	2	..	23253b
76	4772	13.9	− 4 7	10.5	*10.5*	Ao	1	..	23253b
77	4923	13.9	− 7 12	8.7	*9.7*	Ko	4	..	38112b
78	5088	13.9	− 9 7	8.7	*9.2*	F8	4	..	38112b
79	5029	13.9	−10 19	10.6	*10.6*	B9	1	..	38112b
80	5583	13.9	−17 4	10.2	*10.8*	Go	2	..	39391b
81	5582	13.9	−17 5	10.5	*10.5*	Ao	4	..	39391b
82	5584	13.9	−17 11	8.9	*10.0*	K2	4	..	39391b
83	5396	13.9	−19 27	10.2	10.7	Go	3	..	39391b
84	14069	13.9	−26 38	9.0	9.2	F2	3	..	40432b
85	16586	13.9	−31 54	9.4	9.2	A5	3	..	40432b
86	14131	13.9	−33 28	9.3	9.8	Go	3	..	23725b
87	13145	13.9	−37 35	7.9	9.6	G5	3	..	40427b
88	14109	13.9	−42 5	9.7	9.2	Ao	6	..	39471b
89	13264	13.9	−44 52	9.41	9.9	F2	5	..	39471b
90	12441	13.9	−50 19	9.9	10.0	F5	2	..	39681b
91	6074	13.9	−62 0	*8.7*	9.9	K5	1	..	42464b
92	4512	13.9	−63 0	*9.4*	9.5	A2	2	..	40422b
93	2219	14.0	+56 16	8.2	*9.2*	Ko	1	..	38518i
94	2797	14.0	+47 51	8.6	*8.6*	Ao	3	..	37392i
95	2798	14.0	+47 30	8.6	*9.6*	K	1	..	37348i
96	2658	14.0	+46 49	6.04	*6.46*	F5	8	3,7	37348i
97	*3522*	14.0	+39 4	8.1	*9.1*	Ko	1	..	38520i
98	3708	14.0	+24 14	7.06	*7.84*	G5	3	..	37829i
99	3809	14.0	+16 31	7.18	*7.26*	A3	6	..	37202i
100	3795	14.0	+11 28	8.6	*8.7*	A2	5	2,2	14171b

181100 — 19h 14m.0

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4041	14.0	+ 8 39	9.1	*9.7*	Go	4	..	23239b
2	3702	14.0	− 0 51	10.1	*10.1*	B9	3	..	23253b
3	4773	14.0	− 4 10	9.8	*10.3*	F8	2	..	23253b
4	4924	14.0	− 7 23	8.5	*9.5*	Ko	6	..	38112b
5	5030	14.0	−10 30	10.2	*11.0*	G5	1	..	38112b
6	5314	14.0	−15 49	9.3	*9.7*	F5	3	..	38064b
7	5495	14.0	−20 48	10.0	9.8	A2	7	..	39391b
8	*13839*	14.0	−26 57	10.5	9.6	Ao	2	..	40432b
9	15071	14.0	−32 0	6.59	8.5	K5	6	..	40432b
10	13422	14.0	−38 55	7.20	8.6	K2	7	..	40427b
11	13033	14.0	−48 7	10.6	11.7	Ko	1	..	39681b
12	9062	14.0	−55 51	8.1	9.0	G5	6	..	39381b
13	9153	14.0	−56 45	*9.6*	9.9	Fo	3	..	39381b
14	7606	14.0	−58 14	*9.8*	10.4	Go	2	..	39381b
15	6075	14.0	−62 24	*9.7*	10.5	G5	1	..	40422b
16	2869	14.1	+48 57	8.7	*8.8*	A2	2	..	37348i
17	2660	14.1	+46 14	8.2	*9.2*	Ko	3	..	37348i
18	3403	14.1	+37 26	8.0	*9.4*	Ma	2	..	38520i
19	3502	14.1	+30 50	6.48	*6.48*	Ao	9	..	37885i
20	3762	14.1	+15 30	7.74	*7.74*	Ao	5	..	37202i
21	3858	14.1	+10 44	9.0	*9.4*	F5	2	..	14171b
22	4057	14.1	+ 9 27	6.38	*7.38*	Ko	8	..	14171b
23	4066	14.1	+ 4 45	9.8	*10.6*	G5	1	..	21770b
24	3708	14.1	− 1 33	9.8	*9.9*	A3	4	..	23253b
25	4933	14.1	− 5 47	8.7	*8.8*	A5	5	2,3	23253b
26	5317	14.1	−13 5	10.2	*10.2*	Ao	2	..	38064b
27	5316	14.1	−13 29	9.8	*10.4*	Go	2	..	38064b
28	5315	14.1	−13 32	10.2	*10.7*	F8	2	..	38064b
29	5388	14.1	−14 28	10.5	*10.5*	Ao	2	..	38064b
30	5275	14.1	−16 15	10.2	*10.8*	Go	2	..	39391b
31	5398	14.1	−19 33	8.1	8.0	G5	9	..	39391b
32	13423	14.1	−38 35	8.6	9.6	Go	4	..	40427b
33	13310	14.1	−43 47	8.3	9.1	G5	8	..	39471b
34	13266	14.1	−44 25	10.1	*11.2*	K2	1	..	39471b
35	12625	14.1	−49 11	10.1	10.0	F8	2	..	39681b
36	9530	14.1	−53 39	9.1	9.6	A5	3	..	41414b
37	6076	14.1	−62 43	*9.9*	10.7	G5	1	..	40422b
38	3791	14.1	−65 36	*8.3*	9.5	K5	1	..	41442b
39	2373	14.1	−72 14	*9.0*	10.1	K2	1	..	42526b
40	1496	14.1	−75 51	*8.8*	9.8	Ko	4	..	42793b
41	1334	14.2	+65 23	8.35	*9.42*	K2	2	..	38067i
42	1333	14.2	+65 6	7.40	*7.40*	Ao	8	..	38067i
43	3299	14.2	+42 5	8.7	*9.0*	F	3	..	37348i
44	3812	14.2	+16 19	6.92	*7.34*	F5	6	..	37202i
45	4058	14.2	+ 9 18	9.5	*10.3*	G5	2	..	23239b
46	4111	14.2	+ 5 33	9.3	*9.3*	Ao	3	5,1	23239b
47	*3964*	14.2	+ 2 3	8.6	*8.7*	A5	6	..	21770b
48	..	14.2	− 1 47	..	..	K5	1	..	23253b
49	4954	14.2	−11 33	8.7	*8.8*	A2	4	..	38112b
50	5389	14.2	−14 27	9.3	*10.4*	K2	2	..	38064b
51	5315	14.2	−15 17	10.0	*11.2*	K5	2	..	39391b
52	5497	14.2	−20 25	9.6	9.8	Fo	5	..	39391b
53	15294	14.2	−23 34	10.1	9.2	F2	4	..	21839b
54	15229	14.2	−24 49	8.58	9.2	Ko	3	..	40432b
55	13841	14.2	−27 0	9.6	9.8	K5	1	..	40432b
56	14134	14.2	−33 1	10.8	10.5	F5	2	..	23725b
57	13233	14.2	−39 32	9.9	10.1	F8	2	..	40427b
58	12626	14.2	−49 2	10.3	11.4	K2	1	..	39681b
59	9155	14.2	−56 39	*9.9*	10.5	Go	2	..	39381b
60	6077	14.2	−62 47	*8.6*	9.6	Ko	3	..	40422b
61	6078	14.2	−62 50	*8.5*	9.5	Ko	2	..	40422b
62	*3222*	14.2	−67 58	*9.2*	9.8	Go	2	..	20541b
63	3490	14.3	+34 35	8.2	*8.2*	Ao	3	..	37885i
64	3786	14.3	+25 53	7.32	*7.20*	B5	5	..	38511i
65	3726	14.3	+21 46	8.2	*8.2*	B8	2	..	37829i
66	*3765*	14.3	+16 5	7.9	*7.9*	A	3	..	37202i
67	4059	14.3	+ 9 52	8.3	*8.3*	B9	4	..	14171b
68	4934	14.3	− 5 3	8.80	*8.94*	A5	6	0,3	23253b
69	5099	14.3	− 6 22	9.8	*9.8*	Ao	1	..	38112b
70	*4925*	14.3	− 6 55	10.5	*10.5*	Ao	2	..	38112b
71	5090	14.3	− 9 11	9.6	*9.6*	B9	2	..	38112b
72	5498	14.3	−20 5	9.8	10.1	Go	4	..	39391b
73	15079	14.3	−32 26	9.3	10.0	G5	2	..	23725b
74	13471	14.3	−41 40	10.3	10.1	A3	5	..	39471b
75	13035	14.3	−48 51	9.7	10.0	G5	4	..	39681b
76	9375	14.3	−57 39	*10.2*	10.8	Go	1	..	39381b
77	4513	14.3	−63 22	*7.3*	8.1	G5	6	..	42464b
78	607	14.4	+80 34	7.53	*8.60*	K2	3	0,3	38512i
79	1132	14.4	+67 44	9.0	*9.8*	G5	2	R	38067i
80	1133	14.4	+67 43	9.3	*10.1*				
81	1835	14.4	+61 23	8.1	*9.2*	K2	2	..	37970i
82	3975	14.4	+19 26	var.	var.	B9	9	R	38511i
83	4060	14.4	+ 9 37	9.1	*10.2*	K2	3	..	23239b
84	*4042*	14.4	+ 9 1	9.1	*9.6*	F8	3	..	23239b
85	4112	14.4	+ 5 25	10.5	*11.5*	Ko	2	..	23239b
86	3704	14.4	− 0 42	9.3	*10.3*	Ko	3	..	23253b
87	4937	14.4	− 2 17	9.6	*9.6*	B9	2	..	23253b
88	5091	14.4	− 9 38	8.7	*9.0*	F2	5	..	38112b
89	4955	14.4	−11 46	10.0	*10.0*	B9	2	..	38064b
90	5391	14.4	−14 13	10.0	*10.8*	G5	2	..	38064b
91	5390	14.4	−14 46	8.71	*9.21*	F8	3	..	38064b
92	5316	14.4	−15 49	10.6	*11.2*	Go	2	..	39391b
93	5307	14.4	−18 21	9.8	*10.4*	Go	2	..	39391b
94	*5400*	14.4	−18 57	10.5	10.4	G5	2	..	39391b
95	5399	14.4	−19 41	10.0	9.5	Ao	4	..	39391b
96	5499	14.4	−20 1	10.2	10.1	F8	3	..	39391b
97	15685	14.4	−28 10	9.1	9.8	K5	1	..	40432b
98	15083	14.4	−32 41	9.5	10.0	F5	2	..	23725b
99	14136	14.4	−33 14	7.5	8.2	Go	7	..	23725b
100	13271	14.4	−44 8	10.6	11.3	Go	1	..	39471b

181200 — 19h 14m.4

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	12854	14.4	−47 33	9.7	10.5	G5	3	..	39681b
2	7607	14.4	−58 53	*9.8*	10.4	Go	3	..	39381b
3	180	14.5	+87 10	8.30	*8.44*	A5	3	..	37294i
4	854	14.5	+73 43	8.3	*9.7*	Ma	3	..	37224i
5	2870	14.5	+48 14	8.7	*9.7*	K	1	..	37348i
6	2662	14.5	+46 24	8.7	*8.8*	A3	3	..	37348i
7	3296	14.5	+41 14	8.7	*9.2*	F8	2	..	37348i
8	3526	14.5	+38 33	8.4	*9.4*	Ko	1	..	38520i
9	3403	14.5	+33 58	8.4	*9.4*	Ko	1	..	38501i
10	3535	14.5	+31 47	9.0	*9.8*	G5	1	..	37885i
11	3621	14.5	+23 41	8.4	*9.0*	Go	2	..	37829i
12	4061	14.5	+ 9 29	9.0	*9.0*	Ao	2	..	14171b
13	4043	14.5	+ 8 55	8.5	9.0	Ao	8	..	14171b
14	4090	14.5	+ 6 58	7.7	*8.1*	F5	3	..	38560i
15	4091	14.5	+ 6 18	9.3	*9.8*	F8	4	..	23239b
16	4938	14.5	− 2 22	10.0	*11.0*	Ko	1	..	23253b
17	4559	14.5	− 3 31	9.1	*9.1*	Ao	4	..	23253b
18	5101	14.5	− 6 53	10.6	*10.7*	A5	1	..	38112b
19	5392	14.5	−14 37	7.86	*8.86*	Ko	6	..	38064b
20	5500	14.5	−20 17	10.9	10.4	A3	2	..	39391b
21	5060	14.5	−22 3	8.9	9.2	Fo	5	..	21839b
22	13954	14.5	−25 22	10.5	9.6	A3	1	..	40432b
23	14138	14.5	−33 32	9.7	9.4	Go	4	..	23725b
24	12955	14.5	−46 34	10.6	11.3	K2	1	..	39471b
25	7608	14.5	−58 37	*10.0*	10.8	G5	1	..	39381b
26	3550	14.6	+29 47	8.0	*8.0*	Ao	3	..	37885i
27	3769	14.6	+15 14	8.19	*8.47*	F	3	..	37202i
28	3860	14.6	+10 31	9.5	*10.0*	F8	3	..	23239b
29	4062	14.6	+ 9 44	9.8	*9.9*	A2	4	..	23239b
30	3848	14.6	+ 2 56	9.0	*10.1*	K2	3	..	23253b
31	3705	14.6	− 0 13	8.7	*8.7*	B9	4	*1,3*	21770b
32	5102	14.6	− 6 46	10.0	*10.0*	B9	3	..	38112b
33	5093	14.6	− 9 3	8.7	*8.7*	Ao	4	..	38112b
34	5092	14.6	− 9 30	8.5	*9.3*	G5	4	..	38112b
35	5094	14.6	− 9 35	7.46	*7.74*	Fo	3	0,7	10078b
36	5277	14.6	−16 34	9.8	*9.9*	A2	4	0,3	39391b
37	5402	14.6	−19 3	9.1	9.8	K5	5	..	39391b
38	5403	14.6	−19 11	9.6	10.1	K2	4	..	39391b
39	5347	14.6	−21 26	9.1	9.8	G5	3	..	21839b
40	5063	14.6	−22 36	5.55	6.5	A5	..	..	56,97
41	15236	14.6	−24 23	6.95	7.4	Ko	9	..	21839b
42	16599	14.6	−31 23	9.0	9.7	K2	2	..	40432b
43	15087	14.6	−32 49	10.3	10.6	A3	2	..	23725b
44	14141	14.6	−33 13	9.3	10.0	Ma	1	..	23725b
45	14120	14.6	−42 1	9.7	10.3	Go	3	..	39471b
46	12958	14.6	−46 57	11.0	10.5	Ko	1	..	39471b
47	9157	14.6	−56 34	8.4	9.0	A2	5	..	39381b
48	9376	14.6	−57 33	*10.0*	10.8	G5	1	..	39381b
49	4514	14.6	−63 2	*8.6*	9.6	Ko	2	..	40422b
50	*1337*	14.6	−75 59	*9.0*	9.8	G5	3	..	42793b
51	2179	14.7	+55 14	8.66	*8.72*	A2	2	..	38518i
52	2973	14.7	+49 41	7.37	*7.71*	F2	5	..	37392i
53	3981	14.7	+13 59	7.32	*7.88*	Go	5	..	37202i
54	4064	14.7	+ 9 57	8.82	*10.00*	K5	3	..	23239b
55	5103	14.7	− 6 48	6.99	*7.99*	Ko	7	..	38112b
56	4928	14.7	− 7 35	9.6	*9.9*	F2	3	..	38112b
57	4934	14.7	− 8 43	9.1	*9.4*	Fo	3	..	38112b
58	5394	14.7	−14 31	9.6	*9.7*	A5	3	..	38064b
59	5318	14.7	−15 33	9.1	*9.1*	B9	6	0,4	39391b
60	5309	14.7	−18 41	10.2	*11.3*	K2	1	..	39391b
61	5405	14.7	−19 21	10.5	9.5	F8	5	..	39391b
62	5404	14.7	−19 44	10.5	10.1	A2	3	..	39391b
63	5348	14.7	−21 9	10.2	11.0	Mb	..	..	M
64	15298	14.7	−23 14	8.6	9.5	Ko	5	..	21839b
65	15299	14.7	−23 54	9.0	8.3	A5	6	..	21839b
66	13610	14.7	−34 55	8.64	8.6	F8	7	..	23725b
67	13426	14.7	−38 38	8.9	9.5	Ao	5	..	40427b
68	13221	14.7	−40 9	10.1	10.1	A5	1	..	40427b
69	13478	14.7	−41 52	9.9	10.1	Go	4	..	39471b
70	13156	14.7	−45 33	10.3	10.5	A2	2	..	39471b
71	9337	14.7	−54 48	8.70	10.2	Ko	3	..	39381b
72	7609	14.7	−58 12	8.3	9.3	F8	5	..	39381b
73	7286	14.7	−60 15	*10.1*	10.5	F5	2	..	39381b
74	4515	14.7	−63 9	*8.3*	9.3	Ko	4	..	40422b
75	1790	14.7	−74 23	*9.1*	9.2	A2	4	..	42526b
76	2216	14.8	+53 11	3.98	*4.98*	Ko	..	*5*, R	2155c
77	2802	14.8	+47 55	8.5	*8.5*	Ao	3	..	37348i
78	2801	14.8	+47 46	7.8	*8.6*	G5	4	..	37392i
79	3404	14.8	+33 46	7.7	*8.5*	G5	3	..	37885i
80	3538	14.8	+31 30	8.4	*8.4*	A	2	..	37885i
81	4065	14.8	+ 9 25	10.5	*10.5*	B9	2	..	23239b
82	4026	14.8	+ 7 56	8.9	*9.9*	Ko	3	..	23239b
83	4092	14.8	+ 6 34	10.5	*10.6*	A2	2	..	23239b
84	4093	14.8	+ 6 31	9.5	*9.9*	F5	2	..	23239b
85	*3706*	14.8	+ 0 4	10.1	*10.1*	Ao	2	..	23253b
86	4939	14.8	− 2 21	10.5	*11.5*	Ko	1	..	23253b
87	5034	14.8	−10 8	8.7	*8.7*	B9	4	..	38112b
88	5278	14.8	−16 19	9.6	*9.7*	A5	4	0,3	39391b
89	5588	14.8	−17 13	8.2	*9.6*	Ma	4	..	38064b
90	5589	14.8	−17 19	9.3	*9.8*	F8	2	..	38064b
91	*5349*	14.8	−20 57	10.5	10.1	G5	3	..	39391b
92	15241	14.8	−24 1	9.3	8.7	A5	3	..	21839b
93	13957	14.8	−25 43	8.1	8.3	F8	5	..	40432b
94	14142	14.8	−33 31	10.1	10.3	G5	2	..	23725b
95	12054	14.8	−51 25	6.52	6.9	Fo	9	..	41414b
96	9339	14.8	−54 36	5.16	*5.16*	Ao	..	R	56,144
97	7287	14.8	−60 27	*9.4*	10.2	G5	3	..	39381b
98	3223	14.8	−68 54	*9.3*	9.9	Go	2	..	20541b
99	*3203*	14.9	+44 0	9.1	*10.1*	K	1	..	37348i
100	3861	14.9	+10 36	9.5	*10.3*	G5	3	..	23239b

181300 — 19h 14m.9

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3862	14.9	+10 23	10.5	*11.1*	Go	3	..	23239b
2	4046	14.9	+ 8 32	9.8	*10.3*	F8	4	..	23239b
3	*4027*	14.9	+ 8 1	8.7	*8.7*	Ao	3	0,8	14171b
4	4028	14.9	+ 7 37	7.7	*7.8*	A3	3	..	38560i
5	4113	14.9	+ 5 59	10.1	*10.1*	B9	3	..	23239b
6	*3976*	14.9	+ 4 3	9.0	*9.0*	Ao	3	..	21770b
7	3713	14.9	− 1 3	9.0	*9.3*	F2	3	..	13464b
8	3711	14.9	− 1 46	8.52	*8.47*	B8	4	..	13464b
9	*4942*	14.9	− 1 57	10.5	*10.6*	A5	2	..	23253b
10	*4563*	14.9	− 2 56	9.8	*9.8*	B9	2	..	23253b
11	4936	14.9	− 8 14	9.8	*10.1*	F2	2	..	38112b
12	5035	14.9	−10 44	7.34	*8.69*	Ma	2	5,7	10078b
13	5351	14.9	−12 16	10.2	*11.3*	K2	1	..	38064b
14	5321	14.9	−13 26	8.9	*8.9*	B9	5	..	38064b
15	*5397*	14.9	−13 55	8.9	*9.9*	Ko	3	..	38064b
16	5321	14.9	−15 29	9.6	*9.9*	Fo	5	0,3	39391b
17	5591	14.9	−17 7	10.5	*10.9*	F5	2	..	39391b
18	5310	14.9	−18 40	11.1	*11.4*	F2	3	..	39391b
19	5406	14.9	−19 15	9.8	10.1	Ko	4	..	39391b
20	13959	14.9	−25 47	9.8	9.2	Ao	3	..	40432b
21	13422	14.9	−35 10	6.45	7.0	G5	..	5,8	56,97
22	13421	14.9	−35 35	10.1	10.1	F8	2	..	39652b
23	13158	14.9	−45 49	9.7	9.9	Ao	4	..	39471b
24	12858	14.9	−47 24	10.3	11.2	G5	1	..	39681b
25	13042	14.9	−48 9	10.1	11.2	G5	1	..	39681b
26	*12055*	14.9	−50 59	8.3	8.5	Ko	3	..	41414b
27	9341	14.9	−54 43	7.20	7.8	F5	..	0,7	56,144
28	2548	15.0	+51 10	7.60	*8.95*	Ma	2	..	37392i
29	*3494*	15.0	+35 3	8.27	*8.35*	A3	3	..	37885i
30	3340	15.0	+27 5	7.02	*8.20*	K5	2	..	37829i
31	3624	15.0	+23 21	8.7	*8.7*	Ao	2	..	37829i
32	..	15.0	+17 1	var.	var.	Md	..	R	M
33	3879	15.0	+12 12	5.42	*5.70*	Fo	8	0,R	38808i
34	3977	15.0	+ 3 26	8.9	*9.4*	F8	3	R	21770b
35	3850	15.0	+ 2 12	9.8	*10.6*	G5	2	..	23253b
36	5036	15.0	−10 0	9.6	*9.9*	Fo	2	..	38112b
37	5312	15.0	−18 4	9.8	*9.9*	A3	4	..	39391b
38	5313	15.0	−18 12	9.6	*9.6*	Ao	4	..	39391b
39	5311	15.0	−18 23	9.8	*11.2*	Mb	1	..	39391b
40	5351	15.0	−21 43	8.5	7.7	B9	8	..	21839b
41	*5065*	15.0	−21 59	8.6	8.3	A2	8	..	21839b
42	15307	15.0	−23 48	7.9	8.3	Ko	7	..	21839b
43	13860	15.0	−27 15	10.1	9.2	F5	3	..	40432b
44	15701	15.0	−28 41	8.4	9.5	Ko	2	..	40432b
45	13222	15.0	−40 43	9.3	10.1	F8	3	..	39471b
46	13480	15.0	−41 33	10.3	10.9	K5	1	..	39471b
47	13320	15.0	−43 4	10.1	11.3	Go	4	R	39471b
48	13321	15.0	−43 4	11.0	10.9				
49	13043	15.0	−48 53	9.2	9.7	Go	5	..	39681b
50	6370	15.0	−61 51	*9.2*	10.2	Ko	1	..	39381b
51	4516	15.0	−63 11	6.74	7.2	F5	9	..	42464b
52	3642	15.0	−67 42	*9.4*	10.6	K5	1	..	20541b
53	*2629*	15.0	−69 58	*9.2*	9.2	Ao	4	..	20541b
54	2393	15.0	−71 39	*7.7*	7.7	Ao	7	..	42526b
55	1335	15.1	+65 57	8.1	*8.5*	F5	6	..	38067i
56	1337	15.1	+64 58	8.56	*9.56*	Ko	2	..	38067i
57	1504	15.1	+63 13	8.1	*9.1*	Ko	2	..	38067i
58	2118	15.1	+54 7	8.1	*8.6*	F8	2	..	37392i
59	3521	15.1	+26 45	7.36	*7.42*	A2	6	..	37829i
60	3625	15.1	+23 7	7.50	*7.33*	B3	5	..	37829i
61	3976	15.1	+19 33	7.9	*7.9*	Ao	2	..	38523i
62	3881	15.1	+12 43	7.6	*7.7*	A2	4	..	37202i
63	4047	15.1	+ 8 48	10.1	*10.4*	Fo	2	..	23239b
64	..	15.1	+ 8 28	..	..	F5	3	..	23239b
65	4115	15.1	+ 5 25	7.71	*8.49*	G5	3	R	38560i
66	4069	15.1	+ 4 17	8.0	*9.0*	Ko	4	..	21770b
67	3852	15.1	+ 2 9	9.3	*9.3*	B8	1	..	21770b
68	4943	15.1	− 2 47	7.9	*8.9*	Ko	3	..	13464b
69	*4959*	15.1	−10 56	10.6	*10.6*	B9	1	..	38112b
70	5323	15.1	−13 15	10.5	*10.5*	Ao	1	..	38064b
71	5593	15.1	−17 10	10.2	*10.7*	F8	1	..	39391b
72	5502	15.1	−20 53	9.3	10.4	K2	3	..	39391b
73	5066	15.1	−22 16	9.8	10.1	F5	2	..	21839b
74	16021	15.1	−29 39	9.8	9.7	Ao	3	..	40432b
75	13426	15.1	−35 0	10.6	10.4	G5	2	..	23725b
76	13427	15.1	−38 10	9.3	9.8	Go	3	..	40427b
77	9537	15.1	−53 50	8.7	9.6	F8	3	..	41414b
78	4518	15.1	−63 33	*7.9*	9.3	Mb	2	..	42464b
79	3794	15.1	−65 55	*8.8*	8.9	A3	3	..	41442b
80	3410	15.2	+37 24	7.71	*8.78*	K2	2	..	38520i
81	3565	15.2	+35 51	8.8	*9.9*	K2	1	..	38520i
82	3801	15.2	+11 52	7.36	*7.78*	F5	2	..	38808i
83	3802	15.2	+11 21	6.02	*6.08*	A2	8	0,9 R	38808i
84	3863	15.2	+10 55	8.0	*8.0*	Ao	6	..	14171b
85	..	15.2	+ 7 41	..	..	Ko	1	..	23239b
86	3978	15.2	+ 3 52	7.9	*8.9*	Ko	5	..	21770b
87	4175	15.2	+ 0 45	9.1	*9.7*	Go	3	..	21770b
88	4176	15.2	+ 0 22	10.1	*11.1*	Ko	2	..	23253b
89	3708	15.2	− 0 44	9.1	*10.2*	K2	3	..	23253b
90	3714	15.2	− 1 20	8.6	*8.6*	Ao	4	..	13464b
91	4936	15.2	− 5 36	5.10	*5.88*	G5	7	5,9 R	10078b
92	5107	15.2	− 6 14	8.8	*9.1*	Fo	4	..	38112b
93	5106	15.2	− 6 44	9.6	*9.6*	B9	3	..	38112b
94	*4929*	15.2	− 6 56	8.7	*9.7*	Ko	3	R	38112b
95		15.2	− 6 56			A2			
96	4939	15.2	− 8 25	8.7	*9.8*	K2	4	..	38112b
97	5353	15.2	−12 37	9.2	*9.2*	Ao	4	0,2	38064b
98	5279	15.2	−16 47	9.6	*10.7*	K2	2	..	39391b
99	5407	15.2	−19 53	10.0	10.4	Ao	3	..	39391b
100	13241	15.2	−39 14	9.9	10.3	F8	2	..	39652b

181400 — $19^h\,15^m.2$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14133	15.2	−42 12	6.46	7.8	Ko	9	..	39680b
2	14134	15.2	−42 31	10.1	9.8	Ko	4	..	39471b
3	13275	15.2	−44 2	10.1	10.8	F5	2	..	39471b
4	9379	15.2	−57 9	*9.6*	10.2	Go	3	..	39381b
5	9380	15.2	−57 31	*9.7*	10.5	G5	2	..	39381b
6	7476	15.2	−59 45	*9.6*	9.9	F2	3	..	39381b
7	7288	15.2	−60 9	9.0	10.5	K5	3	..	39381b
8	291	15.2	−87 4	*9.1*	10.3	K5	3	..	22980b
9	3409	15.3	+33 13	6.32	*6.15*	B3	8	0,8	38501i
10	3660	15.3	+22 23	7.42	*8.77*	Mb	3	..	37829i
11	3872	15.3	+14 31	8.5	*8.5*	Ao	2	..	37202i
12	4048	15.3	+ 8 52	10.5	*10.9*	F5	1	..	23239b
13	..	15.3	+ 8 25	..	..	Ao	2	..	23239b
14	4071	15.3	+ 4 36	6.92	*6.98*	A2	7	0,9	38560i
15	3980	15.3	+ 3 52	10.1	*10.6*	F8	3	..	23239b
16	3979	15.3	+ 3 37	9.0	*9.0*	B9	3	..	21770b
17	3853	15.3	+ 2 14	10.1	*10.4*	Fo	3	..	23253b
18	3709	15.3	− 0 2	10.5	*11.3*	G5	2	..	23253b
19	3708a	15.3	− 0 19	Nov.	Nov.	Pc	2	R	23253b
20	3715	15.3	− 1 29	6.58	*6.92*	F2	7	0,9	38492i
21	4946	15.3	− 2 40	7.71	*8.71*	Ko	4	..	13464b
22	4930	15.3	− 7 7	9.3	*9.3*	B9	5	..	38112b
23	4961	15.3	−11 29	7.36	*8.36*	Ko	6	..	38112b
24	*5400*	15.3	−13 59	10.6	*11.4*	G5	1	..	38064b
25	5398	15.3	−14 43	10.5	*10.6*	A2	1	..	38064b
26	5315	15.3	−18 42	8.7	*9.5*	G5	8	..	39391b
27	13962	15.3	−25 23	9.8	9.5	A2	2	..	40432b
28	16026	15.3	−29 47	7.04	8.2	Go	9	..	40432b
29	13615	15.3	−34 8	9.9	9.6	A2	5	..	23725b
30	13225	15.3	−40 27	9.9	10.1	F5	3	..	39471b
31	13481	15.3	−41 7	10.3	9.8	Ao	3	..	39471b
32	7477	15.3	−59 25	9.2	10.2	F5	3	..	39381b
33	3431	15.3	−66 40	*7.9*	9.0	K2	3	..	41442b
34	3643	15.3	−67 29	*9.3*	9.6	Fo	2	..	20541b
35	2630	15.3	−70 40	*8.4*	8.9	F8	6	2,4	20541b
36	3301	15.4	+41 25	8.3	*8.3*	B9	3	..	37348i
37	4068	15.4	+ 9 19	8.6	*9.6*	Ko	2	..	14171b
38	3967	15.4	+ 1 38	9.0	*9.3*	Fo	4	..	23253b
39	*4177*	15.4	+ 1 2	9.04	*9.32*	Fo	4	..	21770b
40	3716	15.4	− 1 4	5.46	*5.44*	B9	10	R	38492i
41	4779	15.4	− 4 14	8.9	*9.9*	Ko	3	..	23253b
42	4938	15.4	− 5 45	8.5	*8.5*	B9	3	..	13464b
43	5109	15.4	− 6 5	9.3	*10.4*	K2	1	..	38112b
44	5099	15.4	− 9 49	9.36	*10.14*	G5	1	..	38112b
45	5596	15.4	−17 16	10.2	*11.2*	Ko	1	..	39391b
46	5316	15.4	−18 50	8.5	*9.1*	Go	8	..	39391b
47	5504	15.4	−20 39	10.7	9.8	Go	3	..	39391b
48	5355	15.4	−21 45	10.2	9.8	Go	3	..	21839b
49	5070	15.4	−22 48	10.2	10.1	Ko	1	..	21839b
50	15709	15.4	−28 24	8.8	9.5	G5	2	..	40432b
51	15099	15.4	−32 51	10.1	9.8	B9	3	..	23725b
52	13504	15.4	−36 3	8.9	9.0	G5	4	..	40427b
53	13482	15.4	−41 13	9.3	9.8	F8	3	..	39471b
54	13277	15.4	−44 39	4.24	*4.19*	B8	..	R	28,214
55	13167	15.4	−45 17	9.7	10.8	Ko	3	..	39471b
56	13166	15.4	−45 39	9.3	11.2	K5	1	..	39471b
57	13047	15.4	−48 37	9.5	11.7	K2	1	..	39681b
58	12451	15.4	−50 25	8.9	10.0	K5	1	..	41441b
59	9160	15.4	−56 7	7.2	7.6	F2	8	..	39381b
60	9161	15.4	−56 51	*9.9*	10.2	F2	4	..	39381b
61	9381	15.4	−57 2	*10.0*	10.5	F8	2	..	39381b
62	7478	15.4	−59 41	8.7	10.2	Ko	3	..	39381b
63	3989	15.4	−64 6	*9.4*	10.4	Ko	1	..	40422b
64	2395	15.4	−71 39	*8.0*	8.3	F2	5	..	42526b
65	1500	15.4	−75 22	*7.9*	8.2	Fo	7	..	42526b
66	*770*	15.4	−81 57	6.66	7.9	Ko	8	..	14161b
67	609	15.5	+80 35	7.50	*7.56*	A2	5	0,6	38512i
68	1181	15.5	+66 5	8.7	*9.7*	Ko	3	..	38067i
69	3719	15.5	+39 5	7.6	*7.7*	A2	3	..	38520i
70	3413	15.5	+37 16	6.19	*6.19*	Ao	..	..	56,97
71	3732	15.5	+21 31	8.6	*8.7*	A3	2	..	38511i
72	3865	15.5	+10 30	9.1	*9.9*	G5	4	..	23239b
73	3864	15.5	+10 15	8.77	*9.27*	F8	2	..	14171b
74	4178	15.5	+ 0 28	8.9	*8.8*	B5	4	..	21770b
75	4781	15.5	− 4 41	7.40	*8.58*	K5	3	..	13464b
76	4941	15.5	− 8 18	9.8	*10.1*	Fo	2	..	38112b
77	5355	15.5	−12 10	8.6	*8.6*	B9	5	..	38112b
78	5354	15.5	−12 27	8.8	*9.1*	F2	4	..	38112b
79	5356	15.5	−21 30	11.0	10.1	F2	1	..	21839b
80	14096	15.5	−26 21	7.40	8.6	K2	5	..	40432b
81	15710	15.5	−28 55	9.6	9.6	F2	2	..	40432b
82	13152	15.5	−37 24	7.9	9.5	G5	4	..	40427b
83	13227	15.5	−40 5	8.82	8.9	F5	5	..	40427b
84	13278	15.5	−44 39	8.5	*8.6*	A3	4	..	39680b
85	12453	15.5	−50 14	9.0	9.4	F8	5	..	41441b
86	6079	15.5	−62 51	*9.2*	9.3	A2	4	..	40422b
87	2631	15.5	−70 30	*8.3*	9.5	K5	4	0,3	20541b
88	*2377*	15.5	−71 58	*8.4*	8.7	Fo	5	..	42526b
89	2376	15.5	−72 21	*9.1*	9.9	G5	2	..	42526b
90	2871	15.6	+48 22	8.1	8.2	A2	3	..	37348i
91	3207	15.6	+43 27	9.3	9.3	A	2	..	37348i
92	3544	15.6	+31 47	6.64	*6.52*	B5	8	..	37885i
93	3875	15.6	+14 27	8.5	*8.9*	F5	2	..	37202i
94	3985	15.6	+13 58	7.62	*7.60*	B9	3	3,3	38808i
95	*4051*	15.6	+ 9 3	10.5	*11.9*	Ma	1	..	23239b
96	4049	15.6	+ 8 40	10.5	*11.0*	F8	1	..	23239b
97	4050	15.6	+ 8 29	10.5	*11.1*	Go	2	..	23239b
98	4098	15.6	+ 6 33	10.5	*10.5*	Ao	2	..	23239b
99	3968	15.6	+ 1 24	9.8	*10.6*	G5	2	..	23253b
100	3717	15.6	− 1 54	9.02	*10.02*	Ko	4	..	23253b

181500 — 19h 15m.6

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5038	15.6	− 9 58	10.2	10.3	A2	1	..	38112b
2	5039	15.6	− 9 58	8.94	9.28	F2	4	..	38112b
3	5359	15.6	−12 9	9.6	9.6	B9	3	..	38112b
4	5360	15.6	−12 26	9.8	9.8	B9	1	..	38112b
5	5401	15.6	−14 47	10.5	11.1	Go	1	..	38064b
6	..	15.6	−15 12	..	..	A2	2	..	39391b
7	5322	15.6	−15 41	10.5	10.6	A2	2	..	39391b
8	5323	15.6	−15 42	10.5	10.9	F5	1	..	39391b
9	5280	15.6	−16 37	10.5	10.6	A2	2	..	39391b
10	5318	15.6	−18 50	10.2	11.3	K2	1	..	39391b
11	5408	15.6	−19 18	9.27	10.4	G5	4	..	39391b
12	5508	15.6	−20 4	9.18	10.8	K2	1	..	39391b
13	5358	15.6	−21 38	10.9	10.1	Ao	1	..	21839b
14	13484	15.6	−41 9	9.9	10.1	A2	3	..	39471b
15	13279	15.6	−44 17	10.6	10.9	F8	1	..	39471b
16	12454	15.6	−50 52	9.0	8.9	Go	3	..	39681b
17	9344	15.6	−54 8	6.70	7.6	Ko	..	0,8	56,144
18	181	15.7	+87 41	8.34	8.42	A3	3	..	37294i
19	1182	15.7	+66 12	8.9	9.0	A3	3	..	38067i
20	1839	15.7	+61 48	8.1	9.2	K2	2	..	37970i
21	3665	15.7	+40 11	6.70	6.70	Ao	8	..	37348i
22	3721	15.7	+39 24	9.0	9.0	Ao	2	..	38520i
23	3978	15.7	+19 12	8.6	8.7	A2	2	..	38511i
24	4070	15.7	+ 9 33	7.7	8.7	Ko	4	..	14171b
25	4031	15.7	+ 7 26	10.1	11.1	Ko	1	..	23239b
26	4099	15.7	+ 6 28	7.80	8.30	F8	7	..	14171b
27	3856	15.7	+ 2 45	7.6	7.7	A2	4	0,8	38560i
28	3855	15.7	+ 2 36	9.0	9.0	B8	2	..	21770b
29	3971	15.7	+ 1 51	9.8	9.8	B9	3	..	23253b
30	3970	15.7	+ 1 32	10.1	11.1	Ko	2	..	23253b
31	3969	15.7	+ 1 9	10.1	10.1	Ao	2	..	23253b
32	3712	15.7	− 0 55	10.1	10.1	B9	3	..	23253b
33	5361	15.7	−12 27	9.2	9.3	A3	3	..	38112b
34	5326	15.7	−13 19	8.1	8.2	A2	7	..	38064b
35	5327	15.7	−13 41	10.0	10.0	Ao	3	..	38064b
36	5403	15.7	−14 4	10.5	10.9	F5	1	..	38064b
37	5597	15.7	−17 24	9.1	10.2	K2	3	..	39391b
38	5319	15.7	−18 41	10.2	11.4	K5	1	..	39391b
39	5409	15.7	−19 24	9.6	11.0	Ko	1	..	39391b
40	5411	15.7	−19 47	10.5	10.8	Ao	3	..	39391b
41	5410	15.7	−19 53	9.6	9.8	Go	5	..	39391b
42	13967	15.7	−25 19	10.5	9.8	G5	1	..	40432b
43	14097	15.7	−26 22	8.8	8.6	F2	5	..	40432b
44	16041	15.7	−29 42	7.12	7.6	F8	8	..	40432b
45	16040	15.7	−29 49	9.28	10.3	Ko	1	..	40432b
46	14157	15.7	−33 41	10.3	9.8	A3	3	..	23725b
47	13620	15.7	−34 47	10.3	10.7	K2	2	..	23725b
48	13234	15.7	−39 58	9.7	9.5	Fo	3	..	40427b
49	13488	15.7	−41 29	10.1	10.1	Ao	4	..	39471b
50	12969	15.7	−46 24	8.5	8.2	B9	8	..	39681b
51	3227	15.7	−68 11	7.8	8.9	K2	2	..	41442b
52	3628	15.8	+23 35	8.8	9.4	G	1	..	37829i
53	4069	15.8	+ 9 11	10.5	10.5	B9	3	..	23239b
54	3857	15.8	+ 2 21	10.5	11.6	K2	2	..	23253b
55	4180	15.8	+ 0 43	7.7	7.8	A5	7	5,2	13464b
56	3718	15.8	− 1 37	10.1	10.7	Go	2	..	23253b
57	5321	15.8	−18 14	10.0	10.1	A2	3	..	39391b
58	5412	15.8	−19 25	6.38	6.7	B8	..	0,7	56,144
59	15325	15.8	−23 12	9.8	10.4	Ko	1	..	21839b
60	15256	15.8	−24 36	8.8	9.5	K5	2	..	21839b
61	13970	15.8	−25 32	10.5	10.1	Ko	1	..	40432b
62	13969	15.8	−25 55	10.3	9.5	A2	3	..	40432b
63	13487	15.8	−41 51	10.1	10.7	Ko	1	..	39471b
64	13170	15.8	−45 9	9.1	10.5	K2	3	..	39471b
65	942	15.9	+71 7	8.5	9.0	F8	2	..	38029i
66	1702	15.9	+63 2	6.91	7.33	F5	7	..	38067i
67	1994	15.9	+59 11	8.2	9.0	G5	1	..	38518i
68	3308	15.9	+42 28	9.0	9.4	F5	2	..	37348i
69	3538	15.9	+38 21	8.4	8.7	Fo	3	..	38520i
70	3524	15.9	+26 52	8.6	8.6	A	2	..	37829i
71	4032	15.9	+ 7 11	10.1	10.1	Ao	4	..	23239b
72	3858	15.9	+ 2 8	8.4	8.5	A2	6	2,2	21770b
73	4948	15.9	− 2 46	10.5	10.5	B9	1	..	23253b
74	5041	15.9	−10 21	8.5	9.7	K5	5	..	38112b
75	4963	15.9	−11 13	9.3	10.7	Ma	..	..	M
76	5598	15.9	−17 25	7.40	7.90	F8	7	..	38064b
77	5322	15.9	−18 2	3.95	4.09	A5	..	R	56,97
78	5324	15.9	−18 13	9.8	9.9	A2	3	..	39391b
79	5323	15.9	−18 49	10.5	11.1	Go	1	..	39391b
80	R	15.9	−20 59	10.1	10.1	Ao	3	..	39391b
81	5359	15.9	−21 50	8.7	8.7	F2	6	..	21839b
82	15327	15.9	−23 10	9.0	9.8	Ko	3	..	21839b
83	13871	15.9	−27 15	10.8	9.2	A3	3	..	40432b
84	16953	15.9	−30 51	9.6	9.2	Ao	5	..	40432b
85	15108	15.9	−32 35	8.6	8.5	Ao	5	..	40432b
86	13490	15.9	−41 47	9.3	10.4	K2	3	..	39471b
87	14141	15.9	−42 31	10.3	10.1	F8	4	..	39471b
88	12869	15.9	−47 23	10.3	11.1	Go	1	..	39681b
89	13050	15.9	−48 21	9.3	9.7	Fo	5	..	39681b
90	13049	15.9	−48 53	9.3	9.4	A5	4	..	39681b
91	9383	15.9	−57 49	8.4	9.4	Go	5	..	39381b
92	3230	15.9	−68 53	9.2	9.5	F2	4	..	20541b
93	2219	16.0	+53 17	8.2	8.2	Ao	3	..	38889i
94	2220	16.0	+53 13	8.0	8.0	Ao	3	..	38889i
95	2771	16.0	+50 41	8.1	9.2	K2	3	..	33542i
96	2976	16.0	+50 3	7.62	8.80	K5	2	..	37392i
97	2977	16.0	+49 23	6.26	7.26	Ko	5	0,5	37392i
98	3102	16.0	+44 22	8.3	8.3	Ao	4	..	37348i
99	3309	16.0	+42 6	8.9	9.5	G	2	..	37348i
100	3293	16.0	+28 23	8.1	8.1	Ao	3	..	38509i

181600 — $19^h\ 16^m.0$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3528	16.0	+26 29	7.40	*8.40*	K	5	R	38509i
2	3527	16.0	+26 28	7.55	*7.97*	F5			
3	4108	16.0	+20 41	8.2	*9.3*	K2	1	..	38511i
4	3866	16.0	+10 28	7.9	*8.5*	Go	4	..	14171b
5	4071	16.0	+ 9 6	9.1	*10.3*	K5	1	..	23239b
6	4034	16.0	+ 7 10	9.8	*9.8*	B8	5	..	23239b
7	4072	16.0	+ 4 27	10.5	*11.0*	F8	3	..	23239b
8	3972	16.0	+ 1 46	9.8	*10.3*	F8	2	..	23253b
9	3720	16.0	− 1 21	7.06	*8.13*	K2	5	0,2	13464b
10	4964	16.0	−11 8	9.3	*9.3*	B9	2	..	38112b
11	*5328*	16.0	−12 57	8.5	*9.3*	G5	3	..	38112b
12	5404	16.0	−14 13	7.9	*8.0*	A3	8	..	38064b
13	*5324*	16.0	−14 58	10.5	*10.5*	B8	3	..	38064b
14	5325	16.0	−15 46	8.9	*9.4*	F8	5	..	39391b
15	5283	16.0	−16 8	4.58	*4.53*	B8p	..	R	56,97
16		16.0	−16 8			F2p			
17	5282	16.0	−16 28	9.6	*10.6*	Ko	2	..	39391b
18	5414	16.0	−19 0	10.0	9.2	A2	6	..	39391b
19	5413	16.0	−19 32	10.2	10.4	Go	3	..	39391b
20	15110	16.0	−32 7	7.24	8.5	Ma	6	..	40432b
21	13491	16.0	−41 53	8.6	9.5	Go	6	..	39471b
22	13336	16.0	−43 24	7.7	9.4	K5	5	..	39471b
23	*13171*	16.0	−44 59	4.51	*4.79*	Fo	..	R	28,214
24	9071	16.0	−55 43	*9.7*	10.5	G5	1	..	39381b
25	9384	16.0	−57 18	*10.2*	10.8	Go	1	..	39381b
26	..	16.0	−67 23	..	..	G5	1	..	20541b
27	1891	16.1	+58 34	8.7	*9.1*	F5	2	..	38518i
28	1978	16.1	+57 47	9.3	*10.4*	K2	1	..	38889i
29	3310	16.1	+42 27	8.6	*9.6*	Ko	2	..	37348i
30	3498	16.1	+34 35	8.0	*9.0*	Ko	2	..	37885i
31	3348	16.1	+27 43	7.9	*8.0*	A3	3	..	38509i
32	3736	16.1	+21 36	8.1	*8.1*	Ao	2	..	38511i
33	4037	16.1	+18 54	7.9	*8.0*	A2	2	..	38523i
34	3867	16.1	+10 43	8.7	*9.7*	Ko	4	..	23239b
35	4116	16.1	+ 5 55	10.5	*11.3*	G5	2	..	23239b
36	4073	16.1	+ 4 55	7.25	*8.43*	K5	2	..	38560i
37	*3715*	16.1	+ 0 2	10.5	*10.6*	A2	2	..	23253b
38	4941	16.1	− 5 47	8.9	*10.1*	K5	2	..	38112b
39	..	16.1	− 8 11	..	..	A3	1	..	38112b
40	4944	16.1	− 8 18	10.2	*10.7*	F8	1	..	38112b
41	5045	16.1	−10 33	9.2	*9.2*	Ao	6	..	38112b
42	5329	16.1	−13 7	10.9	*11.2*	Fo	1	..	38064b
43	5285	16.1	−16 16	9.8	*10.3*	F8	3	..	39391b
44	*5326*	16.1	−17 57	10.2	*10.2*	Ao	3	..	39391b
45	5325	16.1	−18 29	6.02	*7.02*	Ko	..	0,6 R	56,97
46	13237	16.1	−40 21	9.3	10.9	K2	2	..	39652b
47	13493	16.1	−41 19	10.8	10.7	G5	1	..	39471b
48	13172	16.1	−45 9	9.9	10.9	Ko	1	..	39471b
49	12972	16.1	−46 9	9.0	9.1	Go	6	..	39681b
50	9544	16.1	−53 30	8.5	9.3	Go	4	..	41414b
51	6372	16.1	−61 20	8.5	9.6	F5	4	..	39381b
52	3432	16.1	−66 56	*9.3*	10.1	G5	3	..	20541b
53	1184	16.2	+66 58	8.3	*8.2*	B5	6	..	38067i
54	*3669*	16.2	+41 2	8.0	*8.3*	Fo	3	..	37348i
55	3417	16.2	+37 9	6.36	*7.14*	G5	6	0,5	38520i
56	3502	16.2	+36 35	7.43	*7.85*	F5	3	..	37885i
57	3573	16.2	+35 21	7.82	*7.82*	Ao	2	R	38520i
58		16.2	+35 21			K			
59	3631	16.2	+23 19	9.0	*9.8*	G5	1	..	37829i
60	3981	16.2	+19 17	8.3	*9.3*	Ko	1	..	38511i
61	3805	16.2	+11 44	8.9	*9.9*	Ko	3	..	23239b
62	4072	16.2	+ 9 7	9.3	*9.3*	Ao	1	..	14171b
63	4181	16.2	+ 0 48	10.5	*11.7*	K5	1	..	23253b
64	5046	16.2	−10 42	10.9	*10.9*	Ao	1	..	38112b
65	5405	16.2	−14 46	9.6	*10.6*	Ko	1	..	38064b
66	5326	16.2	−15 10	10.0	*10.6*	Go	2	..	38064b
67	5415	16.2	−19 18	8.5	8.9	F8	8	..	39391b
68	5512	16.2	−20 31	9.6	10.4	G5	1	..	39391b
69	5511	16.2	−20 43	9.6	10.1	Ko	2	..	39391b
70	13238	16.2	−40 37	10.1	10.1	F5	2	..	39652b
71	13173	16.2	−45 13	9.7	9.6	A2	5	..	39471b
72	9385	16.2	−57 41	9.0	9.6	F5	4	..	39381b
73	2016	16.2	−73 17	*7.4*	7.5	A3	9	..	42526b
74	722	16.3	+76 42	8.5	*8.6*	A5	3	..	37224i
75	1996	16.3	+59 39	7.66	*7.66*	Ao	7	..	38518i
76	2223	16.3	+53 47	7.9	*8.0*	A3	3	..	37392i
77	*2552*	16.3	+52 4	8.1	*9.1*	Ko	2	..	38889i
78	2978	16.3	+49 41	8.9	*9.5*	G	1	..	37392i
79	3312	16.3	+41 5	7.76	*8.54*	G5	2	..	37348i
80	3671	16.3	+40 23	7.87	*7.87*	Ao	4	..	37348i
81	3670	16.3	+40 5	7.42	*8.60*	K5	2	..	37348i
82	3419	16.3	+33 6	8.2	*8.3*	A2	3	..	37885i
83	3988	16.3	+13 24	7.00	*8.00*	Ko	4	0,4	38808i
84	3807	16.3	+11 49	9.3	*9.9*	Go	3	..	23239b
85	4074	16.3	+ 9 51	9.5	*10.3*	G5	4	..	23239b
86	4073	16.3	+ 9 29	9.3	*9.4*	A2	1	..	14171b
87	4035	16.3	+ 7 6	8.5	*9.5*	Ko	7	0,3	23239b
88	3984	16.3	+ 3 53	10.1	*10.1*	Ao	5	0,2	23239b
89	3973	16.3	+ 1 46	9.5	*10.3*	G5	3	..	23253b
90	3717	16.3	− 0 6	9.1	*9.1*	B9	3	..	21770b
91	4947	16.3	− 8 23	10.0	*11.0*	Ko	1	..	38112b
92	5048	16.3	−10 25	9.8	*9.9*	A5	1	..	38112b
93	5047	16.3	−10 35	9.6	*10.7*	K2	2	..	38112b
94	5330	16.3	−13 11	9.8	*10.6*	G5	1	..	38064b
95	5327	16.3	−15 54	10.5	*10.6*	A2	2	..	39391b
96	5286	16.3	−16 3	10.5	*11.3*	G5	2	..	39391b
97	5362	16.3	−21 42	10.5	11.0	Ao	1	..	21839b
98	5073	16.3	−22 15	8.9	8.9	Ko	5	..	21839b
99	5075	16.3	−22 37	10.2	9.8	Ao	3	..	21839b
100	15117	16.3	−32 41	8.3	9.4	Mb	1	..	40432b

181700 — 19h 16m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13244	16.3	−39 42	10.3	10.3	F8	2	..	39652b
2	13245	16.3	−39 51	9.9	10.1	A3	2	..	40427b
3	9164	16.3	−56 4	7.2	6.8	B8	9	..	39381b
4	2378	16.3	−72 36	*8.6*	9.7	K2	1	..	42526b
5	1364	16.3	−77 39	*9.3*	9.7	F5	2	..	42793b
6	4076	16.4	+ 9 48	9.5	*10.1*	Go	2	..	23239b
7	4075	16.4	+ 9 38	7.9	*9.1*	K5	1	..	14171b
8	..	16.4	+ 7 5	..	..	Ao	3	..	23239b
9	4118	16.4	+ 5 14	8.71	*8.66*	B8	4	..	14171b
10	4074	16.4	+ 4 57	8.40	*8.46*	A2	2	..	38560i
11	*3719*	16.4	+ 0 4	9.8	*9.8*	Ao	2	..	21770b
12	3718	16.4	− 0 8	9.1	*9.7*	Go	4	..	21770b
13	4951	16.4	− 2 10	10.0	*10.6*	Go	2	..	23253b
14	4950	16.4	− 2 40	8.7	*9.9*	K5	2	..	23253b
15	5331	16.4	−13 36	10.0	*11.0*	Ko	1	..	38064b
16	5328	16.4	−15 5	10.2	*11.0*	G5	1	..	38064b
17	5330	16.4	−18 28	9.6	*10.4*	G5	2	..	39391b
18	5331	16.4	−18 35	9.3	*9.9*	Go	4	..	39391b
19	5076	16.4	−22 46	9.8	9.8	Fo	3	..	21839b
20	14164	16.4	−33 6	7.5	8.0	Go	8	..	23725b
21	13287	16.4	−44 41	9.9	10.8	Ko	2	..	39471b
22	3795	16.4	−65 55	*8.6*	9.6	Ko	3	..	40422b
23	3507	16.5	+36 12	8.6	*8.6*	Ao	2	3,1	38520i
24	*3421*	16.5	+34 0	8.5	*8.6*	A3	3	..	37885i
25	3739	16.5	+21 37	8.0	*9.0*	Ko	2	..	38511i
26	4040	16.5	+18 42	8.1	*8.1*	A	2	..	38511i
27	4102	16.5	+ 6 39	9.1	*9.6*	F8	2	..	21770b
28	3985	16.5	+ 3 27	9.0	*9.1*	A2	4	..	21770b
29	3860	16.5	+ 2 51	9.5	*9.5*	Ao	3	..	23253b
30	3859	16.5	+ 2 38	9.8	*9.8*	B9	4	..	23253b
31	4182	16.5	+ 0 15	7.53	*7.95*	F5	4	R	13464b
32		16.5	+ 0 15			A5			
33	4569	16.5	− 3 36	10.0	*10.1*	A2	2	..	23253b
34	4942	16.5	− 5 0	8.45	*8.45*	Ao	5	..	13464b
35	5406	16.5	−14 19	9.8	*10.6*	G5	2	..	38064b
36	5329	16.5	−15 53	10.5	*10.6*	A2	3	..	39391b
37	5287	16.5	−16 47	9.1	*10.2*	K2	3	..	39391b
38	5601	16.5	−17 30	9.6	*10.1*	F8	4	..	39391b
39	16056	16.5	−29 47	9.8	9.5	A2	4	..	40432b
40	13447	16.5	−35 20	8.6	9.2	Ko	4	5,4	23725b
41	13440	16.5	−38 38	9.3	10.7	Ko	1	..	39652b
42	13241	16.5	−40 30	8.9	10.0	Ko	4	5,1	39471b
43	13178	16.5	−45 14	9.9	10.2	F8	4	..	39471b
44	*9546*	16.5	−52 57	9.2	9.7	Fo	3	..	41414b
45	7479	16.5	−59 4	9.2	10.5	Go	1	..	39381b
46	2403	16.5	−71 23	*9.0*	9.8	G5	3	..	42526b
47	1026	16.5	−79 23	*8.1*	8.9	G5	7	0,2	42793b
48	1025	16.5	−79 56	*9.9*	10.0	A3	2	..	42793b
49	3422	16.6	+33 21	9.0	*9.4*	F5	2	..	37885i
50	3550	16.6	+31 55	6.64	*6.62*	B9	8	..	37885i
51	*3740*	16.6	+22 1	6.59	*6.54*	B8	8	..	37829i
52	4043	16.6	+18 57	6.77	*7.19*	F5	5	..	38523i
53	*4078*	16.6	+10 2	10.5	*11.0*	F8	2	..	23239b
54	4052	16.6	+ 8 8	8.5	*8.5*	B9	5	..	14171b
55	..	16.6	+ 7 38	..	..	A	1	..	23239b
56	4037	16.6	+ 7 33	10.5	*11.3*	G5	1	..	23239b
57	..	16.6	+ 6 35	..	..	Fo	2	..	23239b
58	3987	16.6	+ 3 49	9.8	*10.4*	Go	5	0,2	23239b
59	3720	16.6	− 0 11	10.1	*10.1*	B9	2	..	23253b
60	3722	16.6	− 1 33	9.8	*9.8*	B9	3	..	23253b
61	4956	16.6	− 2 1	8.1	*8.1*	B8	6	1,3	13464b
62	4954	16.6	− 2 46	9.3	*9.3*	B9	3	..	13464b
63	4968	16.6	−11 26	10.2	*10.3*	A2	1	..	38112b
64	5417	16.6	−19 49	9.8	11.0	Ko	1	..	39391b
65	15343	16.6	−23 46	9.6	9.8	Ko	3	..	21839b
66	15121	16.6	−32 14	9.3	10.3	K5	2	..	23725b
67	13630	16.6	−34 49	9.08	9.6	A3	4	..	23725b
68	13450	16.6	−35 35	9.3	9.5	Fo	4	5,3	23725b
69	13343	16.6	−43 28	10.1	10.5	F5	3	..	39471b
70	12874	16.6	−47 27	10.6	10.5	Fo	4	..	39681b
71	12876	16.6	−47 52	11.0	11.1	A3	2	..	39681b
72	7610	16.6	−58 34	9.0	10.2	G5	3	..	39381b
73	6081	16.6	−62 22	*7.7*	8.1	F5	7	..	39381b
74	1842	16.7	+61 42	8.1	*9.5*	Ma	1	..	25616i
75	2225	16.7	+53 29	8.7	*8.8*	A3	2	..	37392i
76	2875	16.7	+48 47	7.7	*9.1*	Ma	2	..	37392i
77	3107	16.7	+44 11	8.2	*8.7*	F8	3	..	37348i
78	3215	16.7	+43 20	7.75	*8.75*	Ko	4	..	37348i
79	3725	16.7	+39 44	8.8	*8.8*	Ao	2	..	37348i
80	..	16.7	+ 7 29	..	..	F5	3	..	23239b
81	4103	16.7	+ 6 33	9.1	*9.1*	Ao	3	..	21770b
82	4933	16.7	− 7 46	8.7	*9.0*	F2	5	..	38112b
83	*5407*	16.7	−13 55	8.5	*8.5*	B9	7	..	38064b
84	*5419*	16.7	−18 58	10.5	*11.0*	F8	2	..	39391b
85	5418	16.7	−19 13	8.5	8.0	F8	9	..	39391b
86	5514	16.7	−20 30	8.7	9.2	G5	6	..	39391b
87	5078	16.7	−22 4	10.2	9.8	A5	2	..	21839b
88	16059	16.7	−29 15	7.48	8.8	K5	5	..	40432b
89	14150	16.7	−42 29	9.9	9.8	G5	4	..	39471b
90	13180	16.7	−45 27	9.9	10.8	Go	3	..	39471b
91	12978	16.7	−46 8	9.0	8.7	A3	9	..	39681b
92	9547	16.7	−53 34	8.6	9.4	F5	4	..	41414b
93	6373	16.7	−61 8	*9.8*	9.9	A2	4	..	39381b
94	3796	16.7	−65 23	*7.6*	7.6	Ao	7	..	41442b
95	2998	16.7	−69 29	*8.8*	9.8	Ko	4	..	20541b
96	1365	16.7	−77 5	*9.5*	10.6	K2	2	..	42793b
97	812	16.8	+74 51	8.1	*9.1*	Ko	3	..	37224i
98	1135	16.8	+67 31	9.3	*10.3*	Ko	1	..	38067i
99	1926	16.8	+60 46	7.01	*6.99*	B9	9	..	38518i
100	3502	16.8	+34 43	8.0	*9.0*	Ko	3	..	37885i

181800 — $19^h\ 16^m.8$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3886	16.8	+14 27	7.7	*7.7*	Ao	5	..	37202i
2	3869	16.8	+10 39	9.0	*10.0*	Ko	4	..	23239b
3	4053	16.8	+ 8 41	8.9	*8.9*	B9	6	4,3	23239b
4	4038	16.8	+ 7 13	10.1	*10.4*	Fo	4	..	23239b
5	3721	16.8	− 0 54	10.5	10.5	Ao	2	..	23253b
6	*4945*	16.8	− 4 55	7.70	*8.12*	F5	7	..	13464b
7	5117	16.8	− 6 14	8.1	*8.6*	F8	7	..	38112b
8	5332	16.8	−18 45	9.3	*9.8*	F8	7	..	39391b
9	5516	16.8	−20 49	6.89	7.9	Ko	10	..	21839b
10	R	16.8	−21 37	*10.1*	10.1	Ao	2	..	21839b
11	5080	16.8	−22 35	9.6	9.0	F2	4	..	21839b
12	14114	16.8	−26 54	9.0	9.2	Go	4	..	40432b
13	13884	16.8	−27 49	10.3	9.5	F8	1	..	40432b
14	13633	16.8	−34 37	10.1	10.1	A5	2	..	23725b
15	13441	16.8	−38 27	9.3	10.4	G5	2	..	39652b
16	13250	16.8	−39 23	9.3	10.1	F8	3	..	39652b
17	13346	16.8	−43 7	8.6	10.9	Ma	4	..	39471b
18	13181	16.8	−45 7	10.1	10.5	Go	4	..	39471b
19	9073	16.8	−55 18	7.5	7.6	Fo	7	..	39381b
20	9390	16.8	−57 10	7.8	8.1	F2	7	..	39381b
21	7480	16.8	−59 5	*10.0*	10.8	G5	1	..	39381b
22	2404	16.8	−71 35	*8.8*	9.2	F5	3	..	42526b
23	1136	16.9	+67 43	9.0	*9.1*	A2	3	..	38067i
24	2226	16.9	+56 51	7.8	*7.9*	A5	4	..	38518i
25	*2876*	16.9	+49 1	8.2	*9.2*	Ko	2	..	37392i
26	2805	16.9	+47 34	9.0	*9.1*	A2	3	..	37348i
27	3109	16.9	+44 51	7.32	*8.32*	Ko	6	..	37348i
28	*3503*	16.9	+35 0	6.29	*6.24*	B8	10	..	37885i
29	4114	16.9	+20 46	7.8	*7.8*	Ao	6	..	37829i
30	*3890a*	16.9	+13 4	8.3	*8.3*	Ao	3	E	37202i
31	3870	16.9	+10 16	8.12	*8.12*	Ao	5	..	14171b
32	4039	16.9	+ 7 47	10.5	*11.0*	F8	1	..	23239b
33	..	16.9	− 0 9	..	..	Ao	2	..	23253b
34	3724	16.9	− 0 25	9.8	*10.9*	K2	2	..	23253b
35	3723	16.9	− 0 47	9.8	*9.8*	Ao	3	..	23253b
36	..	16.9	− 0 52	..	..	G5	1	..	23253b
37	3723	16.9	− 1 26	9.1	*10.1*	Ko	3	..	23253b
38	4934	16.9	− 7 55	8.8	*9.4*	Go	4	..	38112b
39	5050	16.9	−10 33	9.8	*11.0*	K5	1	..	38112b
40	5368	16.9	−12 3	9.3	*9.4*	A5	3	..	38112b
41	5517	16.9	−20 31	9.2	10.1	G5	4	..	39391b
42	13634	16.9	−34 43	8.6	9.5	Ko	5	..	23725b
43	13252	16.9	−39 1	10.6	10.9	F5	1	..	39652b
44	13251	16.9	−39 8	9.9	10.7	Ko	1	..	39652b
45	14154	16.9	−42 26	11.0	10.3	Ao	3	..	39471b
46	9350	16.9	−54 42	9.0	9.9	Go	3	..	41414b
47	9172	16.9	−56 22	7.7	9.3	Ko	6	..	39381b
48	9391	16.9	−57 34	8.5	10.2	Ko	3	..	39381b
49	1185	17.0	+66 18	8.7	*9.7*	Ko	2	..	38067i
50	3544	17.0	+38 13	9.0	*9.0*	A	2	..	38520i
51	4057	17.0	+ 8 31	9.5	*10.5*	Ko	3	..	23239b
52	4058	17.0	+ 8 18	9.8	*10.6*	G5	4	..	23239b
53	4105	17.0	+ 6 55	8.0	*8.4*	F5	6	..	14171b
54	4121	17.0	+ 5 35	10.5	*11.3*	G5	1	..	23239b
55	4120	17.0	+ 5 28	10.5	*11.5*	Ko	1	..	23239b
56	4076	17.0	+ 4 57	10.5	*10.5*	Ao	4	..	23239b
57	*3988*	17.0	+ 4 2	9.1	*10.1*	Ko	3	2,1	23239b
58	4950	17.0	− 8 23	6.49	*6.37*	B5	5	..	10078b
59	4971	17.0	−11 8	9.3	*10.5*	K5	1	..	38112b
60	4972	17.0	−11 49	8.08	*9.08*	Ko	5	..	38112b
61	..	17.0	−13 2	..	..	Ao	2	..	38064b
62	5411	17.0	−14 13	8.6	*9.6*	Ko	5	..	38064b
63	5409	17.0	−14 19	9.1	*10.1*	Ko	3	..	38064b
64	5288	17.0	−16 11	9.8	*10.8*	Ko	2	..	39391b
65	5602	17.0	−17 12	10.2	*10.5*	F2	4	..	39391b
66	5603	17.0	−17 23	10.2	*11.6*	Ma	1	..	39391b
67	5519	17.0	−20 2	9.28	9.2	F2	5	..	39391b
68	13992	17.0	−25 40	8.1	8.7	Ko	4	..	40432b
69	13245	17.0	−40 48	4.11	*4.06*	B8	..	R	28,214
70	*11434*	17.0	−51 59	7.7	8.8	Ko	5	..	41414b
71	9074	17.0	−55 43	*10.0*	10.5	F8	3	..	39381b
72	4520	17.0	−63 25	*7.5*	8.0	F8	5	..	42464b
73	856	17.1	+73 39	7.9	*7.9*	Ao	3	..	37224i
74	884	17.1	+72 45	9.1	*9.2*	A2	2	..	38029i
75	1056	17.1	+68 9	8.7	*9.1*	F5	2	..	38029i
76	1137	17.1	+67 57	9.6	*10.6*	Ko	1	..	38067i
77	3313	17.1	+41 28	9.0	*9.3*	Fo	3	..	37348i
78	3731	17.1	+39 44	7.02	*7.80*	G5	6	0,5	38520i
79	*3547*	17.1	+39 0	8.8	*8.9*	A2	1	..	38561i
80	3545	17.1	+38 14	8.6	*9.6*	K	1	..	38520i
81	3811	17.1	+11 53	8.5	*9.5*	Ko	5	..	23239b
82	3873	17.1	+10 44	7.32	*8.39*	K2	4	..	14171b
83	4059	17.1	+ 8 45	10.1	*11.1*	Ko	1	..	23239b
84	4107	17.1	+ 6 11	9.0	*9.1*	A5	3	..	21770b
85	3862	17.1	+ 2 59	9.1	*9.1*	Ao	3	..	21770b
86	4787	17.1	− 4 40	8.7	*9.1*	F5	4	..	13464b
87	4935	17.1	− 7 25	8.1	*8.1*	Ao	7	..	38112b
88	4937	17.1	− 7 31	10.2	*10.7*	F8	2	..	38112b
89	5107	17.1	− 9 35	9.2	*9.2*	B9	5	..	38112b
90	5052	17.1	−10 28	9.6	*11.0*	Ma	1	..	38112b
91	5335	17.1	−18 11	8.7	*8.7*	B9	3	E	38064b
92	*5367*	17.1	−20 59	9.6	9.2	Go	3	..	39391b
93	13160	17.1	−37 15	7.5	8.3	F5	6	..	40427b
94	13253	17.1	−39 52	9.0	10.1	K5	1	..	40427b
95	14155	17.1	−42 3	10.6	10.1	A2	1	..	39471b
96	13291	17.1	−44 17	11.0	11.3	Go	2	..	39471b
97	13062	17.1	−48 4	10.3	10.5	Go	3	..	39681b
98	12644	17.1	−49 19	9.7	11.2	Go	2	..	39681b
99	11435	17.1	−52 0	9.1	9.9	G5	1	..	41414b
100	7291	17.1	−60 37	9.1	9.6	F2	6	..	39381b

181900 — 19h 17m.1

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	2636	17.1	−70 29	*9.0*	9.8	G5	3	0,1	20541b
2	3678	17.2	+40 54	8.7	*8.7*	A	2	..	37348i
3	3940	17.2	+17 28	var.	var.	Mc	..	R	M
4	4041	17.2	+ 7 55	10.5	*10.5*	Ao	2	..	23239b
5	3863	17.2	+ 2 24	10.5	*10.5*	A	2	..	23253b
6	4186	17.2	+ 0 12	7.78	*8.28*	F8	6	3,3	13464b
7	3725	17.2	− 0 26	5.95	*6.95*	Ko	7	0,9	38492i
8	3724	17.2	− 1 27	10.1	*11.2*	K2	1	..	23253b
9	4572	17.2	− 3 49	8.9	*8.9*	B9	2	..	13464b
10	*5108*	17.2	− 8 57	8.8	*8.8*	Ao	4	..	38112b
11	*5053*	17.2	− 9 57	8.91	*9.69*	G5	4	..	38112b
12	5372	17.2	−12 7	8.9	*9.0*	A3	4	..	38112b
13	5333	17.2	−13 8	10.0	*10.6*	Go	3	..	38064b
14	5331	17.2	−15 2	9.40	*9.40*	Ao	3	..	38064b
15	5289	17.2	−16 38	9.2	*9.5*	Fo	4	..	39391b
16	5605	17.2	−17 31	9.8	*10.6*	G5	3	..	39391b
17	5604	17.2	−17 42	8.3	*8.3*	B9	5	..	38064b
18	5423	17.2	−19 0	10.2	11.2	K2	1	..	39391b
19	5422	17.2	−19 10	8.5	8.9	Ko	7	..	39391b
20	16983	17.2	−30 26	8.0	9.5	K5	3	..	40432b
21	13255	17.2	−39 36	9.3	10.9	K2	1	..	39652b
22	13247	17.2	−40 8	9.7	10.7	Ko	2	..	39652b
23	13500	17.2	−41 29	8.3	10.1	K5	3	..	39471b
24	13351	17.2	−43 4	9.7	10.8	G5	3	..	39471b
25	13352	17.2	−43 55	6.08	7.1	Ma	..	0,9	**28**,214
26	12983	17.2	−46 35	8.9	9.9	Ko	2	..	39471b
27	12985	17.2	−46 37	9.7	9.9	Ao	2	..	39471b
28	11437	17.2	−52 19	8.6	9.3	K2	2	..	41414b
29	9173	17.2	−56 56	8.4	8.4	A2	6	..	39381b
30	7611	17.2	−58 35	9.0	9.9	G5	5	..	39381b
31	7292	17.2	−60 53	9.1	9.9	Ko	5	..	39381b
32	2556	17.3	+51 44	8.9	*8.9*	Ao	2	..	37392i
33	2668	17.3	+46 44	8.5	*9.5*	Ko	2	..	37348i
34	3991	17.3	+19 38	7.9	*7.9*	Ao	2	..	38523i
35	3890	17.3	+14 21	7.7	*8.7*	Ko	1	..	37931i
36	4108	17.3	+ 6 58	10.1	*10.1*	Ao	5	..	23239b
37	4122	17.3	+ 5 39	10.5	*10.5*	Ao	2	..	23239b
38	4187	17.3	+ 0 25	9.1	*10.1*	Ko	4	..	23253b
39	4573	17.3	− 3 54	7.10	*7.10*	Ao	5	1,8	38492i
40	4938	17.3	− 7 19	8.9	*9.2*	Fo	6	..	38112b
41	5375	17.3	−12 25	10.2	*10.2*	Ao	2	..	38064b
42	5374	17.3	−12 39	9.8	*10.6*	G5	2	..	38064b
43	5413	17.3	−14 27	9.3	*10.1*	G5	3	..	38064b
44	5333	17.3	−15 6	8.7	*9.5*	G5	2	..	38064b
45	5332	17.3	−15 46	8.7	*8.7*	Ao	5	..	38064b
46	5520	17.3	−20 9	9.3	9.0	F8	6	..	39391b
47	5369	17.3	−21 26	9.8	10.7	K5	1	..	21839b
48	15285	17.3	−24 25	8.8	9.5	K2	2	..	21839b
49	13892	17.3	−27 33	9.0	9.6	K2	1	..	40432b
50	*15746*	17.3	−27 58	8.4	9.2	Ko	3	..	40432b
51	13453	17.3	−35 9	6.94	8.1	Ko	9	..	23725b
52	12987	17.3	−46 7	9.2	9.3	F2	7	..	39681b
53	12076	17.3	−51 37	9.3	9.6	Go	2	..	41414b
54	9392	17.3	−57 20	*9.6*	10.0	F5	3	..	39381b
55	7612	17.3	−58 54	9.0	9.6	Ko	6	..	39381b
56	3797	17.3	−65 32	*8.5*	9.0	F8	3	..	40422b
57	3798	17.3	−65 52	*7.9*	9.0	K2	3	..	41442b
58	3002	17.3	−69 50	6.76	7.3	F8	8	..	41442b
59	1040	17.4	+69 38	9.3	*9.3*	Ao	2	..	38067i
60	2123	17.4	+54 12	6.24	*6.24*	Ao	7	..	37392i
61	2877	17.4	+45 24	8.7	*9.7*	K	2	..	37348i
62	3313	17.4	+42 20	8.5	*8.6*	A3	4	..	37348i
63	3802	17.4	+25 25	7.26	*7.09*	B3	6	..	37829i
64	3876	17.4	+10 12	8.57	*9.07*	F8	2	..	14171b
65	*4079*	17.4	+10 3	10.5	*10.5*	Ao	3	..	23239b
66	*4042*	17.4	+ 8 5	9.8	*10.8*	Ko	1	..	23239b
67	4188	17.4	+ 0 50	9.3	*10.3*	Ko	2	..	23253b
68	4189	17.4	+ 0 31	8.9	*9.4*	F8	4	..	23253b
69	4953	17.4	− 8 34	9.6	*9.6*	Ao	3	..	38112b
70	5055	17.4	−10 13	8.9	*10.1*	K5	3	..	38112b
71	5370	17.4	−21 30	10.5	10.7	K5	1	..	21839b
72	15747	17.4	−28 51	7.8	10.1	K2	1	..	40432b
73	16638	17.4	−31 53	9.6	9.7	Ao	5	0,2	23725b
74	14185	17.4	−33 32	9.9	9.8	G5	3	..	23725b
75	13518	17.4	−36 7	7.9	9.2	Ko	4	..	40427b
76	13446	17.4	−38 15	8.9	10.7	K2	2	..	39652b
77	13448	17.4	−38 24	9.3	10.7	Ko	2	..	39652b
78	13353	17.4	−43 13	8.7	9.9	G5	6	..	39471b
79	13067	17.4	−48 17	8.1	9.9	Ko	6	..	39681b
80	12077	17.4	−51 17	7.4	8.1	Ma	6	..	41414b
81	3003	17.4	−69 24	*8.8*	9.9	K2	3	..	20541b
82	2406	17.4	−71 47	*8.4*	8.9	F8	5	..	42526b
83	853	17.4	−81 27	*7.9*	8.9	Ko	3	..	14161b
84	857	17.5	+73 10	4.63	*5.63*	Ko	..	R	1364c
85	3219	17.5	+43 18	9.1	*9.1*	A	2	..	37348i
86	3550	17.5	+38 36	8.2	*8.7*	F8	2	..	38520i
87	3803	17.5	+25 23	var.	var.	B3	6	R	37829i
88	4109	17.5	+ 6 12	10.1	*11.3*	K5	1	..	23239b
89	4080	17.5	+ 4 25	10.1	*11.5*	Ma	..	..	M
90	3990	17.5	+ 3 9	8.5	*9.0*	F8	5	..	21770b
91	3726	17.5	− 0 29	8.7	*8.8*	A2	3	..	13464b
92	4574	17.5	− 3 2	10.7	*10.7*	B9	1	..	23253b
93	5110	17.5	− 9 21	9.6	*10.8*	K5	2	..	38112b
94	..	17.5	−10 40	..	..	B9	1	..	38112b
95	..	17.5	−17 45	..	..	Fo	2	..	39391b
96	5337	17.5	−18 39	10.5	*11.1*	Go	3	..	39391b
97	5424	17.5	−19 51	9.8	9.2	B9	4	..	39391b
98	14186	17.5	−33 44	7.7	7.5	A5	8	..	23725b
99	13459	17.5	−35 47	10.3	10.1	Fo	2	..	39652b
100	13450	17.5	−38 32	10.3	10.3	Ao	2	..	39652b

182000 — 19h 17m.5

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	12880	17.5	−47 53	9.7	10.5	F8	2	..	39681b
2	*9393*	17.5	−56 57	9.1	9.7	F5	2	..	39381b
3	6085	17.5	−62 31	*8.9*	9.9	Ko	4	..	40422b
4	2227	17.6	+53 10	8.2	*9.2*	Ko	2	..	37392i
5	*2879*	17.6	+46 3	8.7	*8.7*	Ao	3	2,2	37348i
6	3428	17.6	+33 43	9.2	*9.2*	A	2	..	37885i
7	3357	17.6	+27 15	8.6	*8.9*	F	1	..	38509i
8	3533	17.6	+26 27	7.7	*8.1*	F5	3	..	37829i
9	3635	17.6	+23 16	8.5	*9.0*	F8	2	..	37829i
10	3943	17.6	+17 34	6.84	*6.84*	Ao	4	..	38523i
11	4111	17.6	+ 6 54	10.1	*11.1*	Ko	3	..	23239b
12	3725	17.6	− 1 13	10.5	*10.5*	Ao	2	..	23253b
13	*4964*	17.6	− 1 57	9.6	*10.1*	F8	2	..	23253b
14	4577	17.6	− 3 4	9.1	*9.1*	Ao	2	..	13464b
15	4940	17.6	− 7 9	9.3	*9.3*	Ao	2	..	38112b
16	4941	17.6	− 7 9	8.5	*8.8*	Fo	7	..	38112b
17	5112	17.6	− 9 11	10.0	*10.1*	A2	2	..	38112b
18	5335	17.6	−15 29	9.1	*10.1*	Ko	2	..	38064b
19	5334	17.6	−15 48	9.3	*9.8*	F8	3	..	38064b
20	5291	17.6	−16 31	9.6	*9.6*	Ao	4	..	39391b
21	5339	17.6	−18 11	9.3	*9.3*	Ao	5	..	38064b
22	15362	17.6	−23 46	10.3	10.1	A2	3	..	21839b
23	13899	17.6	−27 35	9.6	9.5	Ko	1	..	40432b
24	15750	17.6	−28 52	7.8	9.6	K2	2	..	40432b
25	13642	17.6	−34 44	10.3	10.7	K2	2	..	23725b
26	13300	17.6	−44 30	10.6	11.1	A5	2	..	39471b
27	9356	17.6	−54 9	*9.5*	9.6	A3	3	..	41414b
28	3434	17.6	−66 19	*8.4*	8.4	Ao	5	..	41442b
29	3435	17.6	−66 43	*9.5*	10.6	K2	1	..	20541b
30	1983	17.7	+57 19	8.7	*8.8*	A2	3	..	38518i
31	3402	17.7	+32 29	7.44	*8.44*	Ko	3	..	37885i
32	3674	17.7	+22 19	7.7	*7.6*	B5	6	..	37829i
33	4043	17.7	+ 7 29	9.1	*9.1*	B8	3	..	10123b
34	*4965*	17.7	− 1 56	9.8	*11.0*	K5	1	..	23253b
35	5123	17.7	− 6 55	9.6	*9.9*	F2	3	..	38112b
36	4945	17.7	− 7 4	9.6	*9.7*	A2	2	..	38112b
37	4944	17.7	− 7 25	9.3	*10.3*	Ko	2	..	38112b
38	4942	17.7	− 7 35	6.39	*7.39*	Ko	8	..	38112b
39	5113	17.7	− 9 31	10.0	*10.0*	Ao	3	..	38112b
40	5057	17.7	−10 53	7.04	..	Ro	3	0,7 R	10078b
41	5292	17.7	−16 41	8.9	*9.4*	F8	7	..	39391b
42	..	17.7	−17 49	..	..	Ko	2	..	39391b
43	5341	17.7	−18 3	8.7	*9.5*	G5	3	E	38064b
44	5425	17.7	−19 50	10.5	10.4	F2	1	..	39391b
45	5371	17.7	−21 29	10.9	10.7	A2	1	..	21839b
46	13902	17.7	−27 31	10.8	10.1	G5	1	..	40432b
47	15753	17.7	−28 53	9.3	9.2	Fo	3	..	40432b
48	15133	17.7	−32 7	9.3	9.8	G5	3	..	23725b
49	14168	17.7	−42 33	11.0	10.1	F8	2	..	39471b
50	12471	17.7	−50 27	9.7	10.5	K2	2	..	39681b
51	9174	17.7	−56 9	8.3	9.0	F8	7	..	39381b
52	7293	17.7	−60 43	*9.6*	9.9	F2	3	..	39381b
53	1340	17.8	+65 10	8.90	*9.90*	Ko	2	..	38067i
54	3315	17.8	+42 30	7.18	*8.18*	Ko	5	..	37348i
55	3511	17.8	+34 6	8.1	*8.1*	Ao	3	..	37885i
56	3524	17.8	+30 11	8.01	*8.79*	G5	3	..	37885i
57	3568	17.8	+29 43	7.21	*7.27*	A2	4	..	37885i
58	3816	17.8	+11 19	9.8	*9.8*	Ao	4	..	23239b
59	..	17.8	+ 9 46	..	..	F8	2	..	23239b
60	..	17.8	+ 8 0	..	..	Ao	1	..	23239b
61	4045	17.8	+ 7 21	8.3	*8.4*	A2	5	..	10123b
62	3728	17.8	− 0 2	9.28	*9.28*	Ao	4	..	23253b
63	4967	17.8	− 2 1	10.6	*10.6*	Ao	2	..	23253b
64	5114	17.8	− 9 21	9.8	*10.8*	Ko	1	..	38112b
65	5058	17.8	−10 11	9.6	*10.4*	G5	2	..	38112b
66	5059	17.8	−10 42	9.8	*11.2*	Ma	1	..	38112b
67	5377	17.8	−12 15	10.0	*10.4*	F5	2	..	38064b
68	5378	17.8	−12 24	10.5	*11.1*	Go	1	..	38064b
69	*5335*	17.8	−12 56	10.2	*11.0*	G5	1	..	38064b
70	5427	17.8	−19 52	9.23	9.2	F8	6	..	39391b
71	13303	17.8	−44 23	6.93	7.8	Ko	..	0,10	28,214
72	12886	17.8	−47 39	7.2	8.1	F2	8	..	39681b
73	1342	17.8	−76 51	*9.0*	10.0	Ko	2	..	42793b
74	913	17.8	−80 35	*9.1*	9.7	Go	2	..	42793b
75	1510	17.9	+63 45	9.3	*10.7*	Mb	..	..	M
76	2784	17.9	+50 9	7.52	*8.70*	K5	3	..	37392i
77	2984	17.9	+49 17	7.9	*9.1*	K5	2	..	37392i
78	3675	17.9	+22 21	8.2	*8.0*	B3	4	..	37829i
79	4062	17.9	+ 8 24	9.8	*10.8*	Ko	1	..	23239b
80	4047	17.9	+ 7 44	8.7	*8.7*	Ao	3	..	14171b
81	4046	17.9	+ 7 32	9.5	*10.1*	Go	2	..	10123b
82	3864	17.9	+ 2 29	9.3	*9.3*	B8	3	..	21770b
83	3979	17.9	+ 1 19	Neb.	Neb.	Pd	1	R	23253b
84	4966	17.9	− 2 53	10.5	*10.8*	F2	1	..	23253b
85	5125	17.9	− 6 47	10.0	*11.0*	Ko	1	..	38112b
86	5115	17.9	− 9 8	9.8	*10.6*	G5	2	..	38112b
87	..	17.9	− 9 48	..	..	Ao	2	..	38112b
88	5060	17.9	−10 47	10.2	*11.0*	G5	1	..	38112b
89	5336	17.9	−13 27	8.3	*9.1*	G5	5	..	38064b
90	5293	17.9	−16 0	7.9	*7.9*	B9	7	..	38064b
91	5608	17.9	−17 47	9.1	*9.1*	Ao	3	..	38064b
92	5609	17.9	−17 53	10.5	*11.6*	K2	1	..	39391b
93	5524	17.9	−20 3	10.7	11.0	F2	2	..	39391b
94	5372	17.9	−21 25	10.5	10.4	G5	1	..	21839b
95	14008	17.9	−25 33	9.8	10.1	K2	1	..	40432b
96	13359	17.9	−43 21	10.6	11.2	Ao	2	..	39471b
97	12476	17.9	−50 1	9.9	10.2	A5	3	..	39681b
98	9359	17.9	−54 17	8.5	9.0	F2	5	..	41414b
99	3240	17.9	−68 5	*9.0*	10.1	K2	1	..	20541b
100	3892	18.0	+14 52	7.64	*8.71*	K2	1	..	38808i

182100 **19h 18m.0**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4081	18.0	+ 9 43	6.25	*6.75*	F8	9	..	14171b
2	4064	18.0	+ 8 10	9.5	*10.1*	Go	3	..	23239b
3	4049	18.0	+ 7 24	9.5	*9.6*	A2	4	..	10123b
4	4114	18.0	+ 6 50	10.5	*10.5*	B9	2	..	23239b
5	3980	18.0	+ 1 57	9.8	*9.8*	A	2	..	23253b
6	4968	18.0	− 2 47	10.2	10.2	B8	3	..	23253b
7	5117	18.0	− 9 16	10.2	*11.0*	G5	1	..	38112b
8	5118	18.0	− 9 23	10.2	*10.7*	F8	2	..	38112b
9	5416	18.0	−14 3	9.6	*10.0*	F5	3	..	38064b
10	5611	18.0	−17 23	6.92	*6.90*	B9	8	..	38064b
11	5610	18.0	−17 38	10.0	*9.0*	Ko	1	..	39391b
12	5342	18.0	−18 41	9.3	*9.9*	Go	4	..	39391b
13	5429	18.0	−19 19	10.5	11.2	G5	1	..	39391b
14	5428	18.0	−19 36	10.5	10.1	Ko	2	..	39391b
15	5525	18.0	−20 24	9.3	10.7	Ma	1	..	39391b
16	*5089*	18.0	−21 57	9.1	8.6	Go	5	..	21839b
17	15370	18.0	−23 15	8.8	9.2	K2	3	..	21839b
18	15369	18.0	−23 30	9.3	8.6	Ao	7	..	21839b
19	14136	18.0	−26 24	10.3	9.8	G5	1	..	40432b
20	15763	18.0	−28 2	8.8	9.5	Ko	2	..	40432b
21	15139	18.0	−32 33	9.3	9.4	Ao	4	..	23725b
22	14175	18.0	−42 43	9.9	10.1	F5	4	..	39471b
23	13193	18.0	−45 15	9.3	10.5	Ko	3	..	39471b
24	12650	18.0	−49 9	9.3	11.1	Go	1	..	39681b
25	9078	18.0	−55 21	*9.4*	10.2	G5	3	..	39381b
26	725	18.1	+76 7	7.67	*8.85*	K5	3	..	37224i
27	3571	18.1	+29 57	8.51	*8.65*	A5	2	..	37885i
28	4065	18.1	+ 8 25	7.6	*7.9*	Fo	7	..	14171b
29	4084	18.1	+ 4 55	9.5	*9.5*	B9	3	..	23239b
30	4083	18.1	+ 4 26	9.1	*10.1*	Ko	3	..	21770b
31	3993	18.1	+ 3 27	9.0	*9.0*	B9	3	..	21770b
32	3728	18.1	− 1 0	10.5	*11.6*	K2	1	..	23253b
33	5126	18.1	− 6 46	10.2	*11.0*	G5	2	..	38112b
34	..	18.1	−17 34	..	..	F8	1	..	39391b
35	5431	18.1	−19 7	10.7	11.2	Ko	1	..	39391b
36	5430	18.1	−19 31	10.2	10.4	Go	1	..	39391b
37	15143	18.1	−32 7	9.5	9.8	Go	3	..	23725b
38	14190	18.1	−33 5	9.5	9.8	Ko	2	..	23725b
39		18.1	−33 5		9.8	F8	3	..	23725b
40	13195	18.1	−45 49	9.9	10.8	Ko	3	..	39471b
41	9079	18.1	−55 34	7.43	8.5	Ko	5	..	39381b
42	6374	18.1	−61 45	*10.5*	10.5	Ao	2	..	39381b
43	1342	18.2	+64 13	9.0	*9.1*	A3	2	..	38067i
44	2986	18.2	+49 16	9.3	*9.3*	A	2	..	37392i
45	*3588*	18.2	+36 1	8.5	*9.5*	Ko	1	..	38520i
46	*3753*	18.2	+22 0	7.9	*7.9*	B8	3	..	37829i
47	3894	18.2	+12 44	7.8	*8.8*	Ko	3	0,2	14171b
48	4067	18.2	+ 8 58	8.7	*9.0*	Fo	4	..	14171b
49	..	18.2	+ 8 35	..	..	F5	2	..	23239b
50	4050	18.2	+ 7 49	10.5	*10.5*	B9	2	..	23239b
51	5119	18.2	− 9 19	10.5	*11.3*	G5	1	..	38112b
52	5379	18.2	−12 39	10.2	*11.0*	G5	1	..	38064b
53	5343	18.2	−18 36	10.2	*11.2*	Ko	2	..	39391b
54	5374	18.2	−21 18	10.5	9.8	B8	3	..	21839b
55	15376	18.2	−23 38	9.0	9.2	Fo	3	..	19904b
56	*16655*	18.2	−30 59	7.75	8.8	G5	5	..	40432b
57	13652	18.2	−34 26	9.9	11.0	K2	1	..	23725b
58	13196	18.2	−45 12	7.9	8.7	K2	6	..	39471b
59	13197	18.2	−45 22	9.9	10.8	K2	1	..	39471b
60	9080	18.2	−55 3	7.7	8.5	Ko	6	..	39381b
61	9397	18.2	−57 7	7.5	9.3	Ma	6	..	39381b
62	4521	18.2	−63 24	*9.2*	10.4	K5	2	..	40422b
63	2639	18.2	−70 30	*8.9*	9.2	F2	5	3,4	20541b
64	1029	18.2	−79 36	*9.2*	10.3	K2	1	..	42793b
65	682	18.2	−83 52	*8.7*	9.2	F8	2	..	14161b
66	3563	18.3	+31 57	8.5	*8.6*	A2	2	..	37885i
67	3817	18.3	+11 50	9.1	*9.5*	F5	3	..	23239b
68	4084	18.3	+ 9 49	10.1	*10.9*	G5	4	..	23239b
69	4068	18.3	+ 8 7	10.5	*11.5*	Ko	1	..	23239b
70	4085	18.3	+ 4 15	8.7	*9.9*	K5	2	..	21770b
71	..	18.3	+ 1 58	..	..	A	2	..	23253b
72	3730	18.3	− 1 33	8.9	*9.0*	A3	4	..	13464b
73	4959	18.3	− 8 26	10.2	*10.8*	Go	2	..	38112b
74	5061	18.3	−10 1	9.26	*10.44*	K5	1	..	38112b
75	..	18.3	−17 0	..	..	Ma	..	..	M
76	5345	18.3	−18 5	10.5	*11.6*	K2	1	..	39391b
77	5344	18.3	−18 33	10.5	*11.9*	Ma	1	..	39391b
78	5527	18.3	−20 16	10.9	10.4	F5	1	..	39391b
79	5090	18.3	−22 46	9.1	9.2	F5	3	..	21839b
80	15767	18.3	−28 3	5.94	5.9	B3	..	0,10	56,144
81	15766	18.3	−28 48	7.8	9.8	K5	2	..	40432b
82	13472	18.3	−35 10	9.3	9.2	Ao	6	..	23725b
83	13167	18.3	−37 10	9.2	10.7	Ma	1	..	39652b
84	13168	18.3	−37 35	9.2	10.7	Ko	2	..	39652b
85	13169	18.3	−37 44	8.3	9.9	Ko	4	..	39652b
86	13259	18.3	−40 3	8.08	7.8	Ao	7	..	40427b
87	12998	18.3	−46 49	8.7	9.1	Go	7	..	39681b
88	11443	18.3	−52 10	8.6	9.0	Fo	4	..	41414b
89	945	18.4	+71 9	7.06	*7.84*	G5	5	..	37224i
90	1986	18.4	+57 28	6.10	*7.45*	Ma	6	0,7	38889i
91	2231	18.4	+56 41	7.9	*7.9*	Ao	7	..	38518i
92	3685	18.4	+40 54	9.0	*9.0*	A	2	..	37348i
93	4083	18.4	+ 9 6	9.8	*9.8*	Ao	3	..	23239b
94	4069	18.4	+ 8 47	9.8	*10.1*	Fo	5	..	23239b
95	4051	18.4	+ 7 47	10.5	*11.6*	K2	1	..	23239b
96	4052	18.4	+ 7 20	8.4	*9.5*	K2	3	..	10123b
97	4115	18.4	+ 6 19	10.5	*10.5*	Ao	2	..	23239b
98	3731	18.4	− 0 43	8.1	*8.1*	B9	6	1,3	13464b
99	5129	18.4	− 6 30	10.2	*10.7*	F8	3	..	40847b
100	4960	18.4	− 8 25	8.5	*9.6*	K2	3	..	38112b

182200 — 19h 18m.4

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5062	18.4	−10 29	9.3	*10.3*	Ko	3	..	38112b
2	5338	18.4	−15 52	9.8	*10.6*	G5	3	..	39347b
3	5295	18.4	−16 23	10.5	*11.3*	G5	1	..	39391b
4	5296	18.4	−16 30	9.6	*10.6*	Ko	3	..	39391b
5	*5346*	18.4	−17 59	8.7	*9.7*	Ko	7	..	39391b
6	..	18.4	−18 36	..	..	A2	2	..	39391b
7	5433	18.4	−19 37	11.1	10.8	Ao	2	..	39391b
8	5528	18.4	−20 29	9.3	9.8	G5	2	..	39391b
9	5091	18.4	−22 49	8.9	8.9	Ko	4	..	21839b
10	13917	18.4	−27 12	9.6	8.7	Ao	5	..	40432b
11	13473	18.4	−35 40	9.7	10.4	K2	1	..	39652b
12	13199	18.4	−45 9	9.2	10.5	K2	2	..	39471b
13	13200	18.4	−45 45	9.7	10.9	K5	2	..	39471b
14	12890	18.4	−47 41	10.1	10.5	F8	2	..	39681b
15	12478	18.4	−50 2	6.62	7.8	Ko	10	..	39681b
16	2641	18.4	−70 52	*8.5*	9.9	Mb	3	5,2	20541b
17	1142	18.5	+67 28	9.1	*9.1*	Ao	3	..	38029i
18	3534	18.5	+26 58	8.0	*9.0*	Ko	2	..	38509i
19	4085	18.5	+ 9 19	8.3	*8.3*	Ao	6	0,7 R	14171b
20		18.5	+ 9 19			Ao			
21	*3996*	18.5	+ 4 1	9.1	*9.1*	B9	4	..	21770b
22	*3866*	18.5	+ 3 0	9.3	*9.1*	B3	3	..	21770b
23	5120	18.5	− 9 34	9.3	*10.1*	G5	4	..	38112b
24	5383	18.5	−12 8	9.8	*10.4*	G	1	..	39482b
25	5347	18.5	−18 3	10.5	*11.3*	G5	1	..	39391b
26	5348	18.5	−18 47	9.3	*10.1*	G5	6	..	39391b
27	5434	18.5	−19 55	8.38	8.7	Fo	8	..	39391b
28	15381	18.5	−23 22	9.3	9.0	Go	4	..	19904b
29	15149	18.5	−32 6	8.4	9.8	Ko	4	..	23725b
30	13260	18.5	−39 8	10.1	10.1	F8	2	..	39652b
31	13261	18.5	−39 30	8.6	9.8	Go	4	..	39652b
32	13310	18.5	−44 34	9.7	9.1	Fo	6	..	39471b
33	13076	18.5	−48 37	10.3	11.3	K5	1	..	39681b
34	6375	18.5	−61 4	*10.0*	10.8	G5	1	..	39381b
35	1506	18.5	−75 51	*8.7*	9.7	Ko	3	..	42793b
36	1987	18.6	+57 45	8.7	*8.8*	A2	3	..	38518i
37	3740	18.6	+39 18	7.78	*8.78*	Ko	2	..	38520i
38	3727	18.6	+24 44	8.4	*9.5*	K2	2	..	37829i
39	3896	18.6	+14 44	6.56	*6.64*	A3	5	..	37931i
40	4070	18.6	+ 8 59	10.5	*10.9*	F5	2	..	23239b
41	4054	18.6	+ 7 59	9.8	*10.2*	F5	2	..	23239b
42	4055	18.6	+ 7 34	9.1	*9.1*	B8	3	..	14171b
43	*4128*	18.6	+ 6 1	10.5	*10.6*	A5	2	..	23239b
44	4129	18.6	+ 5 11	8.86	*9.00*	A5	3	..	14171b
45	3998	18.6	+ 3 37	8.9	*9.4*	F8	3	..	21770b
46	4947	18.6	− 7 10	7.9	*8.2*	Fo	8	0,2	38112b
47	4981	18.6	−11 29	9.3	*9.3*	Ao	2	..	38112b
48	5297	18.6	−16 49	10.2	*10.7*	F8	2	..	39391b
49	5614	18.6	−17 39	10.9	*11.3*	F5	2	..	39391b
50	5436	18.6	−19 7	7.90	8.7	G5	8	..	39391b
51	5094	18.6	−22 46	8.3	7.7	Ao	9	..	21839b
52	5092	18.6	−22 54	9.1	9.5	Ko	2	..	21839b
53	3244	18.6	−68 49	*8.7*	9.0	Fo	5	..	20541b
54	1798	18.6	−74 11	*7.9*	7.9	Ao	8	..	42526b
55	*3811*	18.7	+26 4	4.92	*4.80*	B5	..	3,10	56,97
56	3810	18.7	+25 8	8.56	*9.12*	Go	2	..	37829i
57	4087	18.7	+ 4 49	10.5	*10.6*	A2	4	..	23239b
58	4194	18.7	+ 0 30	9.8	*10.6*	G5	4	..	23253b
59	5121	18.7	− 9 37	10.7	*12.1*	Ma	..	..	M
60	5421	18.7	−14 12	9.3	*10.3*	Ko	1	..	38064b
61	5350	18.7	−18 8	10.0	*10.4*	F5	5	..	39391b
62	5530	18.7	−20 21	8.9	8.9	Go	5	..	39391b
63	5095	18.7	−22 32	9.3	9.5	A3	3	..	21839b
64	14023	18.7	−25 36	10.3	9.6	A3	2	..	40432b
65	15154	18.7	−32 26	7.9	8.2	Fo	7	..	23725b
66	13527	18.7	−36 33	9.3	10.1	G5	2	..	39652b
67	13456	18.7	−38 27	8.9	10.1	Ko	2	..	39652b
68	13263	18.7	−39 9	9.0	9.8	A3	5	..	39652b
69	9180	18.7	−56 45	*9.7*	11.1	Mb	1	..	39381b
70	1055	18.8	+70 44	8.1	*9.3*	K5	2	..	38029i
71	3430	18.8	+37 42	8.5	*8.5*	Ao	2	..	38520i
72	3434	18.8	+33 19	6.30	*7.30*	Ko	7	..	37885i
73	3567	18.8	+31 33	8.2	*8.3*	A2	2	..	38501i
74	3996	18.8	+19 11	7.82	*8.32*	F8	2	..	38523i
75	3897	18.8	+14 31	8.1	*8.2*	A2	2	..	38808i
76	..	18.8	+ 8 20	..	..	K2	1	..	23239b
77	4071	18.8	+ 8 5	7.50	*7.56*	A2	8	..	14171b
78	..	18.8	+ 7 26	..	..	Ao	2	..	23239b
79	4117	18.8	+ 6 19	10.1	*10.1*	Ao	4	..	23239b
80	4957	18.8	− 5 30	9.1	*9.1*	B9	3	..	38065b
81	4956	18.8	− 5 42	7.56	*7.98*	F5	7	..	13464b
82	5298	18.8	−16 40	9.3	*10.1*	G5	2	..	39391b
83	5300	18.8	−16 46	9.6	*10.4*	G5	3	..	39391b
84	5299	18.8	−16 52	10.2	*10.2*	A	2	..	39391b
85	5379	18.8	−21 3	10.5	10.1	A5	2	..	21839b
86	16104	18.8	−29 30	6.09	7.8	Ko	..	0,9	56,144
87	13207	18.8	−45 51	10.6	10.2	Ao	2	..	39471b
88	13079	18.8	−48 52	10.3	10.5	F2	3	..	39681b
89	R	18.8	−59 34	..	..	Ko	1	..	39381b
90	3246	18.8	−68 45	*9.2*	10.4	K5	2	..	20541b
91	1800	18.8	−74 0	*8.5*	8.8	Fo	4	..	42526b
92	*3576*	18.9	+30 5	7.31	*8.31*	Ko	2	..	37885i
93	*3997*	18.9	+20 5	7.05	*8.05*	Ko	3	..	37829i
94	3820	18.9	+11 27	10.1	*10.5*	F5	2	..	23239b
95	4087	18.9	+ 9 7	8.5	*8.5*	B9	4	..	14171b
96	4072	18.9	+ 8 28	7.08	*8.08*	Ko	5	..	14171b
97	3731	18.9	− 1 45	10.5	*11.0*	F8	2	..	23253b
98	5123	18.9	− 9 32	7.21	*8.39*	K5	6	..	38112b
99	5422	18.9	−14 48	8.11	*8.11*	Ao	7	..	38064b
100	5438	18.9	−19 5	9.6	10.4	Ko	3	..	39391b

182300 — 19h 18m.9

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5531	18.9	−20 47	8.5	9.0	Ko	4	..	21839b
2	13266	18.9	−40 29	9.2	10.1	Ko	3	..	39652b
3	13080	18.9	−48 2	9.2	10.2	Ko	2	..	39681b
4	12090	18.9	−51 4	9.7	10.2	A2	2	..	39681b
5	9182	18.9	−56 41	8.3	10.2	K2	2	..	39381b
6	*9399*	18.9	−56 57	*9.5*	10.5	Ko	1	..	39381b
7	7294	18.9	−60 6	8.16	8.1	A2	7	..	39381b
8	1344	19.0	+64 13	6.33	*6.31*	B9	8	..	38067i
9	2816	19.0	+47 17	8.2	*8.8*	Go	3	..	37348i
10	2814	19.0	+47 13	8.5	*9.5*	K	1	..	37348i
11	3813	19.0	+25 43	8.7	*8.7*	A	2	..	37829i
12	4052	19.0	+18 39	8.7	*8.8*	A2	1	..	38511i
13	4088	19.0	+ 9 35	9.8	*11.2*	Ma	2	..	23239b
14	4073	19.0	+ 8 7	9.1	*9.5*	F5	5	..	23239b
15	4974	19.0	− 2 3	9.3	*10.3*	Ko	2	..	23253b
16	5132	19.0	− 6 39	10.5	*11.7*	K5	1	..	40847b
17	5616	19.0	−17 49	10.0	*11.1*	K2	2	..	39391b
18	5351	19.0	−18 48	8.1	*9.3*	K5	7	..	39391b
19	5439	19.0	−19 31	10.5	10.8	Ko	2	..	39391b
20	5441	19.0	−19 50	10.2	10.1	F8	3	..	39391b
21	5533	19.0	−20 9	9.8	10.8	Ko	1	..	39391b
22	5532	19.0	−20 54	9.3	9.8	F8	3	..	21839b
23	14165	19.0	−26 2	9.8	9.6	G5	2	..	40432b
24	13663	19.0	−34 28	8.7	9.8	K2	4	..	23725b
25	13265	19.0	−39 49	8.92	9.8	G5	5	..	39652b
26	13268	19.0	−40 13	8.3	9.0	F2	4	..	40427b
27	13510	19.0	−41 43	9.9	10.1	G5	2	..	39471b
28	14190	19.0	−42 5	8.9	8.7	Ao	8	..	39471b
29	13318	19.0	−44 0	11.0	10.8	G5	2	..	39471b
30	12896	19.0	−47 21	10.1	10.2	F8	3	..	39681b
31	13082	19.0	−48 28	10.1	10.5	A5	3	..	39681b
32	13081	19.0	−48 46	11.0	11.6	K5	1	..	39681b
33	3800	19.0	−65 53	*8.8*	9.3	F8	2	..	20541b
34	2188	19.1	+55 39	8.1	*9.1*	Ko	2	..	38518i
35	4123	19.1	+20 23	7.80	*8.36*	Go	2	..	37829i
36	..	19.1	+ 8 41	..	..	Ao	4	..	23239b
37	3733	19.1	− 0 3	9.3	*9.3*	Ao	2	..	13464b
38	3732	19.1	− 1 36	9.5	*10.9*	Ma	1	..	23253b
39	4799	19.1	− 4 29	8.1	*9.2*	K2	2	..	13464b
40	4959	19.1	− 5 37	9.3	*9.3*	Ao	2	..	38065b
41	4950	19.1	− 7 51	9.1	*10.2*	K2	4	..	38112b
42	5388	19.1	−12 49	7.35	*8.13*	G5	5	..	38064b
43	5387	19.1	−12 53	9.3	*9.9*	G	3	..	38064b
44	5342	19.1	−13 32	8.7	*9.7*	Ko	3	..	38064b
45	5354	19.1	−18 14	9.3	*9.6*	Fo	5	..	39391b
46	15389	19.1	−23 14	8.0	7.7	F8	8	..	19904b
47	15388	19.1	−23 33	9.4	9.0	F8	4	..	19904b
48	14167	19.1	−26 31	11.0	9.6	A2	2	..	40432b
49	13365	19.1	−43 50	9.9	11.1	Ko	1	..	39471b
50	12486	19.1	−50 17	9.9	9.9	G5	5	..	39681b
51	..	19.1	−63 1	..	..	Ma	1	..	40422b
52	2189	19.2	+55 32	8.6	*9.6*	Ko	1	5,1	38518i
53	2400	19.2	+52 11	6.86	*7.00*	A5	6	..	37392i
54	3432	19.2	+37 23	6.66	*7.66*	Ko	5	..	37885i
55	3570	19.2	+31 28	8.0	*8.0*	Ao	3	..	37885i
56	*4075*	19.2	+ 9 0	10.5	*10.9*	F5	3	..	23239b
57	4074	19.2	+ 8 13	7.86	*8.86*	Ko	3	..	14171b
58	4088	19.2	+ 4 13	9.5	*10.0*	F8	3	..	24086b
59	3870	19.2	+ 2 35	10.1	*10.1*	Ao	3	..	24086b
60	*4975*	19.2	− 1 59	9.3	*10.5*	K5	1	..	23253b
61	4585	19.2	− 3 2	9.8	*9.8*	B8	3	..	23253b
62	4964	19.2	− 8 51	10.0	*10.8*	G5	2	..	38112b
63	5425	19.2	−14 50	8.91	*8.97*	A2	4	..	38064b
64	5341	19.2	−15 13	8.3	*9.3*	Ko	6	..	38064b
65	5617	19.2	−17 42	9.1	*9.6*	F8	6	..	39391b
66	5355	19.2	−18 36	9.3	*9.9*	Go	5	..	39391b
67	5443	19.2	−19 15	9.2	8.6	A2	5	..	39391b
68	5534	19.2	−20 55	9.3	8.9	F8	5	..	21839b
69	15303	19.2	−24 42	5.01	5.5	A5	..	R	56,97
70	17008	19.2	−30 29	8.2	9.1	G5	4	..	40432b
71	16676	19.2	−31 48	10.3	10.0	Go	2	..	23725b
72	13666	19.2	−34 36	8.4	8.7	A2	8	..	23725b
73	13322	19.2	−44 46	9.9	10.8	Ko	2	..	39471b
74	*13006*	19.2	−45 57	9.9	10.8	Go	2	..	39471b
75	12661	19.2	−49 34	9.5	9.6	Ao	5	..	39681b
76	4522	19.2	−63 5	*8.5*	9.5	Ko	2	..	40422b
77	1508	19.2	−75 11	*8.6*	9.1	F8	4	..	42526b
78	946	19.3	+71 32	9.1	*9.9*	G5	1	..	38029i
79	3408	19.3	+32 52	7.8	*8.3*	F8	2	..	37885i
80	3641	19.3	+23 47	7.40	*7.82*	F5	4	..	37829i
81	3798	19.3	+15 49	7.42	*7.48*	A2	3	..	37931i
82	3900	19.3	+14 40	8.5	*8.6*	A2	2	..	38808i
83	3826	19.3	+11 15	7.6	*8.6*	Ko	4	0,3	14171b
84	4089	19.3	+ 9 45	10.5	*11.3*	G5	1	..	23239b
85	3734	19.3	− 1 24	9.8	*10.8*	Ko	2	..	23253b
86	5390	19.3	−12 2	8.1	*8.1*	B9	4	..	38112b
87	5343	19.3	−13 7	9.6	*10.2*	Go	3	..	39482b
88	*5301*	19.3	−15 59	10.7	*10.8*	A2	2	..	39347b
89	5618	19.3	−17 53	9.3	*10.4*	K2	3	..	39391b
90	5356	19.3	−18 45	6.96	*7.46*	F8	10	..	39391b
91	15306	19.3	−24 36	7.08	7.0	B9	3	..	37002b
92	15793	19.3	−28 15	10.1	10.9	Go	2	..	40432b
93	14196	19.3	−42 5	9.2	9.8	Ko	4	..	39471b
94	13007	19.3	−46 46	6.54	8.0	K5	8	..	39681b
95	12902	19.3	−47 34	10.1	10.2	Go	5	..	39681b
96	9083	19.3	−55 10	8.14	7.8	Ao	7	..	39381b
97	9185	19.3	−56 8	8.5	8.7	A5	6	..	39381b
98	7295	19.3	−60 28	*9.6*	10.2	Go	3	..	39381b
99	6376	19.3	−61 36	8.9	10.2	K2	3	..	39381b
100	1193	19.4	+66 47	8.1	*9.5*	Ma	4	..	38067i

182400 — 19h 19m.4

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	1345	19.4	+64 57	8.90	*9.32*	F5	3	..	38067i
2	3881	19.4	+10 20	8.4	*8.4*	Ao	4	..	14171b
3	4090	19.4	+ 9 53	10.5	*11.3*	G5	3	..	23239b
4	4077	19.4	+ 8 53	9.8	*9.9*	A5	4	..	23239b
5	4079	19.4	+ 8 15	10.1	*10.2*	A5	3	..	23239b
6	..	19.4	+ 6 12	..	..	Fo	2	..	23239b
7	4133	19.4	+ 5 22	7.56	*8.06*	F8	7	..	14171b
8	3872	19.4	+ 2 41	9.1	*10.1*	Ko	3	..	24086b
9	4976	19.4	− 2 1	10.0	*10.0*	B9	2	..	23253b
10	4961	19.4	− 5 37	7.6	*7.7*	A2	7	..	13464b
11	4966	19.4	− 8 18	9.3	*9.3*	B8	4	..	38112b
12	5066	19.4	−10 1	9.18	*10.18*	Ko	2	..	38112b
13	..	19.4	−18 47	..	..	A3	3	..	39391b
14	5444	19.4	−19 38	10.6	11.5	B8	2	..	39391b
15	5536	19.4	−20 5	10.7	10.7	A2	2	..	39391b
16	15307	19.4	−24 9	5.56	6.9	K2	..	R	**56**,144
17	15163	19.4	−32 51	9.3	10.0	K2	1	..	23725b
18	6088	19.4	−62 33	*9.5*	10.6	K2	1	..	40422b
19	773	19.4	−82 49	*8.6*	9.4	G5	2	..	21397b
20	2886	19.5	+45 41	8.8	*9.1*	F	2	..	37348i
21	3683	19.5	+22 22	8.4	*8.4*	B9	3	..	37829i
22	*4000*	19.5	+20 4	6.47	*6.47*	Ao	7	*1,7*	38511i
23	4080	19.5	+ 8 35	10.5	*11.0*	F8	3	..	23239b
24	4057	19.5	+ 7 44	10.1	*10.9*	G5	4	..	23239b
25	4058	19.5	+ 7 31	8.7	*8.7*	B9	5	..	14171b
26	4059	19.5	+ 7 24	9.0	*9.0*	B9	4	..	14171b
27	4000	19.5	+ 3 33	9.0	*10.2*	K5	1	..	21770b
28	5125	19.5	− 9 39	8.9	*9.7*	G5	3	..	38112b
29	5345	19.5	−13 38	8.0	*9.4*	Mb	4	..	38064b
30	5619	19.5	−17 4	10.0	*11.1*	K2	1	..	39391b
31	..	19.5	−18 40	..	..	Ko	3	..	39391b
32	15797	19.5	−28 52	9.4	10.3	Go	2	..	40432b
33	17014	19.5	−30 18	8.4	8.5	Ao	7	..	40432b
34	14200	19.5	−33 52	10.3	10.3	F8	3	..	23725b
35	13669	19.5	−34 15	10.1	10.1	G5	3	..	23725b
36	13274	19.5	−40 26	10.3	10.9	Ko	1	..	39652b
37	13210	19.5	−45 44	9.5	9.9	F5	5	..	39681b
38	12095	19.5	−51 39	9.0	9.0	Ko	2	..	41414b
39	1343	19.5	−76 0	*9.3*	10.3	Ko	2	..	42793b
40	1993	19.6	+57 33	6.50	*7.57*	K2	6	..	38518i
41	2887	19.6	+45 9	8.82	*9.60*	G5	2	..	37348i
42	3748	19.6	+39 43	8.6	*8.6*	Ao	2	..	38520i
43	3369	19.6	+27 47	8.7	*8.7*	Ao	2	..	38509i
44	3949	19.6	+17 47	7.8	*7.9*	A2	3	..	37931i
45	3799	19.6	+15 32	8.19	*8.25*	A2	2	..	38808i
46	3883	19.6	+10 31	9.3	*10.3*	Ko	2	..	10123b
47	4060	19.6	+ 7 42	10.5	*10.6*	A3	4	..	23239b
48	4122	19.6	+ 6 53	9.0	*9.1*	A2	3	..	10123b
49	4123	19.6	+ 6 45	9.3	*10.4*	K2	2	..	23239b
50	4002	19.6	+ 3 38	9.8	*9.8*	Ao	1	..	21770b
51	4968	19.6	− 8 6	9.3	*9.7*	F5	2	..	38112b
52	*5622*	19.6	−16 56	8.0	*8.3*	Fo	4	..	38064b
53	5621	19.6	−17 2	7.9	*9.0*	K2	3	..	38064b
54	..	19.6	−17 17	..	..	Ao	1	..	39391b
55	5620	19.6	−17 51	8.9	*9.7*	G5	6	..	39391b
56	5446	19.6	−19 34	10.5	11.0	K2	1	..	39391b
57	5099	19.6	−22 32	9.3	9.8	Ko	2	..	21839b
58	5098	19.6	−22 43	9.2	8.9	A3	5	..	21839b
59	15402	19.6	−23 20	9.6	9.5	Ao	3	..	19904b
60	13937	19.6	−27 23	10.8	11.5	Ao	3	..	40432b
61	13939	19.6	−27 44	9.6	9.4	Fo	4	..	40432b
62	16683	19.6	−31 39	9.3	9.8	G5	2	..	23725b
63	15167	19.6	−32 16	9.3	10.0	Ko	1	..	23725b
64	15168	19.6	−32 48	9.9	10.0	Go	2	..	23725b
65	13467	19.6	−38 26	8.9	9.5	Go	4	..	39652b
66	9369	19.6	−54 32	8.3	8.1	Go	4	..	41414b
67	3436	19.6	−66 50	*8.6*	9.6	Ko	3	..	20541b
68	*2644*	19.6	−69 59	*9.6*	11.0	Mb	1	..	20541b
69	815	19.7	+74 44	8.6	*8.6*	Ao	3	..	37224i
70	887	19.7	+72 32	9.3	*10.4*	K2	2	..	38029i
71	2190	19.7	+55 34	8.1	*8.4*	A3	4	0,4 R	34696i
72	4082	19.7	+ 8 37	10.5	*10.5*	Ao	2	..	23239b
73	4124	19.7	+ 6 17	10.1	*11.1*	Ko	2	..	23239b
74	4135	19.7	+ 5 12	8.76	*9.26*	F8	3	..	21770b
75	4964	19.7	− 5 5	6.46	*6.74*	Fo	7	0,9-	38492i
76	5347	19.7	−13 3	10.5	*11.1*	Go	1	..	39482b
77	5428	19.7	−14 6	5.81	*6.81*	Ko	..	0,10	**56**,144
78	5447	19.7	−19 8	10.7	11.7	Ma	1	..	39391b
79	5540	19.7	−20 11	10.5	10.1	F8	1	..	39391b
80	..	19.7	−20 18	var.	var.	Md	..	R	M
81	5100	19.7	−22 39	7.06	8.0	Ko	8	..	21839b
82	14175	19.7	−26 5	10.5	10.3	A3	2	..	40432b
83	15799	19.7	−28 3	9.6	9.4	Ao	4	..	40432b
84	13468	19.7	−38 36	10.3	10.4	Go	2	..	39652b
85	3646	19.7	−67 30	*7.1*	8.1	Ko	6	..	41442b
86	1516	19.8	+63 53	7.59	*7.73*	A5	3	..	38067i
87	3325	19.8	+42 46	6.92	*6.92*	Ao	7	..	37348i
88	*3411*	19.8	+33 1	6.50	*7.50*	Ko	7	..	37885i
89	4055	19.8	+18 33	7.52	*7.58*	A2	2	..	38523i
90	3839	19.8	+16 45	6.03	*6.03*	Ao	7	..	37931i
91	3896	19.8	+12 5	7.14	*8.21*	K2	5	0,3	14171b
92	3886	19.8	+10 18	8.92	*8.92*	Ao	3	..	14171b
93	..	19.8	+ 8 27	..	..	Ao	2	..	23239b
94	4003	19.8	+ 3 14	9.0	*9.0*	Ao	6	..	21770b
95	3874	19.8	+ 2 6	8.7	*9.9*	K5	2	..	21770b
96	4978	19.8	− 2 39	9.2	*10.0*	G5	4	..	23253b
97	*4987*	19.8	−10 59	9.2	*9.5*	F2	3	..	38112b
98	4986	19.8	−11 42	8.3	*8.9*	Go	4	..	38112b
99	5429	19.8	−14 17	10.0	*10.6*	Go	2	..	38064b
100	5427	19.8	−14 43	8.1	*9.1*	Ko	6	..	38064b

182500 — $19^h\,19^m.8$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5623	19.8	−17 9	10.0	*10.1*	A2	3	..	39391b
2	5359	19.8	−18 46	10.5	*11.5*	Ko	1	..	39391b
3	5448	19.8	−19 22	8.9	8.6	A5	8	..	39391b
4	5541	19.8	−20 11	10.0	10.7	Ko	1	..	39391b
5	*12907*	19.8	−46 59	9.3	9.9	F5	5	..	39681b
6	13087	19.8	−48 42	8.0	8.7	Ko	8	..	39681b
7	11449	19.8	−52 48	7.5	8.1	Ao	7	..	41414b
8	*9562*	19.8	−52 58	9.2	9.7	A2	3	..	41414b
9	9371	19.8	−54 32	5.56	7.3	K2	..	0,9	**56**,144
10	2646	19.8	−70 15	7.99	9.5	K5	2	..	41442b
11	2191	19.9	+55 41	8.7	*8.7*	Ao	2	..	38889i
12	2572	19.9	+51 56	7.7	*8.9*	K5	2	..	37392i
13	3829	19.9	+11 49	9.1	*9.1*	Ao	4	..	23239b
14	4093	19.9	+ 9 53	8.1	*8.1*	Ao	6	..	14171b
15	*4083*	19.9	+ 9 0	10.5	*10.6*	A5	3	..	23239b
16	4084	19.9	+ 8 44	9.8	*10.3*	F8	1	..	10123b
17	4085	19.9	+ 8 7	9.8	*10.8*	Ko	1	..	10123b
18	4007	19.9	+ 3 59	9.1	*9.9*	G5	3	..	21770b
19	3986	19.9	+ 1 38	8.4	*8.3*	B5	7	..	21770b
20	3735	19.9	− 1 17	10.5	*10.5*	B9	1	..	23253b
21	3736	19.9	− 1 34	8.9	*9.9*	Ko	4	0,1	23253b
22	4803	19.9	− 4 42	8.7	*9.0*	F2	3	E	38065b
23	..	19.9	− 8 51	..	..	Ao	1	..	38112b
24	5360	19.9	−18 31	10.0	*11.0*	Ko	1	..	39391b
25	5449	19.9	−19 14	10.5	10.8	G5	2	..	39391b
26	*13472*	19.9	−37 59	9.9	10.1	Fo	2	..	39652b
27	13375	19.9	−43 33	10.3	11.5	Go	1	..	39680b
28	12909	19.9	−47 5	10.6	10.9	Ao	2	..	39681b
29	9087	19.9	−55 17	*9.2*	10.2	Ko	2	..	39381b
30	7296	19.9	−60 31	*9.4*	10.2	G5	2	..	39381b
31	2890	20.0	+48 41	8.1	*9.3*	K5	2	..	37392i
32	4010	20.0	+ 3 45	9.5	*9.5*	Ao	3	..	21770b
33	3987	20.0	+ 1 38	9.1	*10.1*	Ko	3	..	23253b
34	3738	20.0	− 1 3	9.1	*10.3*	K5	2	..	23253b
35	4971	20.0	− 8 40	11.0	*11.0*	Ao	1	..	38112b
36	5393	20.0	−12 51	9.3	*9.9*	Go	3	..	38064b
37	5306	20.0	−16 47	10.5	*11.1*	Go	2	..	39391b
38	5361	20.0	−18 31	9.3	*10.3*	Ko	4	..	39391b
39	5362	20.0	−18 34	10.0	*11.1*	K2	3	..	39391b
40	5545	20.0	−20 45	8.7	8.7	A2	7	..	21839b
41	5101	20.0	−22 30	9.3	10.1	Ko	2	..	21839b
42	13276	20.0	−40 16	8.9	9.0	Fo	7	..	39652b
43	13336	20.0	−44 39	10.6	11.3	K5	1	..	39471b
44	13335	20.0	−44 53	10.6	10.8	F2	1	..	39471b
45	13213	20.0	−45 25	9.2	9.9	Ko	3	..	39681b
46	13090	20.0	−48 0	10.3	10.5	Go	2	..	39681b
47	13089	20.0	−48 49	9.3	10.2	Ko	4	..	39681b
48	3802	20.0	−65 5	9.36	9.3	Ko	3	..	40422b
49	2675	20.1	+46 6	7.76	*8.54*	G5	3	..	37392i
50	3563	20.1	+38 48	8.6	*8.6*	Ao	2	..	58320i
51	3684	20.1	+22 46	8.6	*8.6*	Ao	2	..	37829i
52	4094	20.1	+ 4 41	9.5	*10.0*	F8	4	..	24086b
53	4093	20.1	+ 4 23	9.1	*9.5*	F5	4	..	21770b
54	4982	20.1	− 2 18	8.9	*9.2*	F2	4	..	13464b
55	5140	20.1	− 6 49	9.6	*10.2*	Go	3	..	40847b
56	4953	20.1	− 7 7	9.3	*10.5*	K5	2	..	40847b
57	5307	20.1	−16 47	9.3	*9.9*	Go	4	..	39391b
58	*5547*	20.1	−19 59	10.5	10.1	Ao	1	..	39391b
59	15176	20.1	−32 53	8.9	8.8	Ao	6	..	23725b
60	13186	20.1	−37 50	8.9	9.2	F8	5	..	39652b
61	13276	20.1	−39 11	9.3	9.5	Fo	4	..	39652b
62	13215	20.1	−45 14	9.3	9.4	Ao	7	..	39681b
63	1346	20.2	+65 56	9.1	*10.1*	Ko	3	..	38067i
64	1345	20.2	+65 31	4.63	*4.69*	A2	..	R	**56**,97
65	2409	20.2	+52 51	7.84	*7.84*	Ao	3	..	37392i
66	3598	20.2	+35 59	7.9	*8.9*	Ko	2	..	37885i
67	3416	20.2	+32 32	6.82	*7.82*	Ko	4	..	37885i
68	3584	20.2	+29 26	4.86	*4.69*	B3	..	R	735c
69	3540	20.2	+26 9	9.0	*9.0*	A	2	..	37829i
70	3768	20.2	+21 19	8.4	*8.5*	A5	2	..	37829i
71	3842	20.2	+16 46	6.76	*6.76*	Ao	6	..	37931i
72	3833	20.2	+11 44	5.23	*6.01*	G5	7	5,7 R	38808i
73	*3876*	20.2	+ 3 5	9.1	*9.1*	B9	5	..	21770b
74	3878	20.2	+ 2 33	9.3	*10.1*	G5	2	..	24086b
75	3877	20.2	+ 2 15	8.7	*9.2*	F8	6	..	21770b
76	*4805*	20.2	− 3 56	8.1	*8.9*	G5	2	..	13464b
77	5346	20.2	−15 51	8.9	*9.9*	Ko	4	..	39347b
78	5386	20.2	−21 44	8.3	7.5	B8	9	..	21839b
79	13950	20.2	−27 53	10.3	10.0	F5	2	..	40432b
80	17028	20.2	−30 35	9.6	9.5	Go	2	..	40432b
81	16695	20.2	−31 29	9.0	9.2	A2	4	..	40432b
82	13678	20.2	−34 18	9.0	9.5	Ko	4	..	23725b
83	14207	20.2	−42 9	10.1	10.1	Ko	2	..	39471b
84	14208	20.2	−42 48	10.6	10.3	F8	1	..	39471b
85	12669	20.2	−49 10	9.7	9.9	F8	5	..	39681b
86	*4524*	20.2	−62 59	*8.0*	9.0	Ko	4	..	40422b
87	4525	20.2	−63 1	*8.6*	8.7	A3	6	..	40422b
88	3010	20.2	−69 11	*8.4*	9.2	G5	6	..	20541b
89	2649	20.2	−70 0	8.94	10.1	Ko	2	..	20541b
90	816	20.3	+74 7	9.0	*9.1*	A2	3	..	37224i
91	3333	20.3	+41 5	8.8	*10.2*	Ma	..	..	M
92	3750	20.3	+39 37	7.72	*7.72*	Ao	4	0,4	37348i
93	3751	20.3	+39 23	7.12	*8.12*	Ko	4	..	38520i
94	4090	20.3	+ 8 50	10.1	*10.1*	B9	3	..	23239b
95	4089	20.3	+ 8 37	10.5	*11.6*	K2	2	..	23239b
96	5141	20.3	− 6 25	10.2	*10.2*	Ao	3	..	40847b
97	4990	20.3	−11 25	9.2	*10.4*	K5	1	3,1	38112b
98	5352	20.3	−13 53	10.2	*11.0*	G5	1	..	39482b
99	5627	20.3	−17 3	9.6	*9.6*	Ao	5	..	39391b
100	5450	20.3	−19 36	10.7	10.7	Ao	1	..	39391b

182600 — 19h 20m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5103	20.3	−22 8	8.9	9.2	Ko	3	..	21839b
2	16696	20.3	−31 48	9.1	10.3	K2	2	..	23725b
3	13536	20.3	−36 24	10.3	10.4	Go	1	..	39652b
4	13280	20.3	−40 4	9.0	9.0	F8	5	..	39652b
5	13283	20.3	−40 14	10.3	10.7	F5	1	..	39652b
6	13284	20.3	−40 38	10.3	10.9	Ko	1	..	39652b
7	13379	20.3	−43 0	10.1	11.1	Go	1	..	39471b
8	13380	20.3	−43 37	9.9	11.5	Ko	1	..	39680b
9	13219	20.3	−45 54	9.3	10.5	Ko	3	..	39681b
10	13014	20.3	−46 4	var.	var.	Md	..	R	39376b
11	3648	20.3	−67 4	*10.0*	10.6	Go	2	..	20541b
12	655	20.4	+81 6	8.5	*8.6*	A2	2	..	37294i
13	2789	20.4	+50 51	8.5	*8.6*	A2	3	..	37392i
14	*2676*	20.4	+47 0	7.76	*7.76*	Ao	5	0,5	37349i
15	3700	20.4	+40 35	8.0	*8.0*	B8	5	..	37348i
16	3542	20.4	+30 51	7.20	*7.15*	B8	6	..	37885i
17	3319	20.4	+28 22	7.59	*8.59*	Ko	2	..	38509i
18	3379	20.4	+27 53	6.36	*6.31*	B8	7	0,7	38509i
19	*3769*	20.4	+22 1	8.1	*8.9*	G5	3	..	37829i
20	4004	20.4	+19 44	7.12	*7.12*	Ao	5	0,5	38808i
21	4012	20.4	+3 14	8.57	*8.65*	A3	5	..	24086b
22	3737	20.4	−0 8	8.5	*9.7*	K5	2	..	13464b
23	4986	20.4	−2 15	7.69	*7.69*	Ao	3	*1,7*	38492i
24	5142	20.4	−6 40	9.3	*9.9*	Go	3	..	40847b
25	5129	20.4	−9 45	9.18	*9.18*	Ao	3	..	38112b
26	5353	20.4	−13 50	10.0	*10.6*	Go	2	..	39482b
27	5433	20.4	−14 25	10.0	*11.0*	Ko	1	..	39482b
28	5549	20.4	−20 47	9.6	9.5	G5	2	..	21839b
29	*5105*	20.4	−21 58	5.56	7.2	Ko	..	..	**56**,144
30	17031	20.4	−30 29	9.6	10.0	Ko	1	..	40432b
31	13518	20.4	−41 8	8.6	9.5	Ko	4	..	39471b
32	9405	20.4	−57 43	*9.4*	9.7	Fo	5	..	39381b
33	3227	20.5	+43 41	8.6	*9.0*	F5	3	..	37348i
34	3440	20.5	+37 56	7.8	*7.9*	A3	5	0,2-	38561i
35	3539	20.5	+36 15	6.45	*7.45*	Ko	5	..	37885i
36	3646	20.5	+23 25	8.0	*8.8*	G5	1	..	37829i
37	4063	20.5	+7 41	9.5	*9.5*	Ao	2	..	10123b
38	4064	20.5	+7 27	8.6	*8.6*	Ao	4	..	14171b
39	4096	20.5	+4 38	8.5	*8.5*	Ao	7	..	21770b
40	3879	20.5	+2 55	3.44	*3.72*	Fo	..	R	2709c
41	4954	20.5	−7 1	10.0	*11.1*	K2	2	..	40847b
42	5130	20.5	−9 13	8.2	*9.6*	Ma	4	..	38112b
43	4992	20.5	−11 28	8.7	*8.8*	A3	5	..	38112b
44	..	20.5	−14 34	..	..	A2	2	..	39482b
45	5348	20.5	−15 15	5.68	*5.63*	B8	..	1,7-	**56**,97
46	5308	20.5	−16 28	10.0	*10.0*	Ao	5	..	39391b
47	5451	20.5	−19 28	10.6	10.1	Go	1	..	39391b
48	5388	20.5	−21 26	7.48	8.6	K2	7	..	21839b
49	14192	20.5	−26 31	7.52	7.8	A2	7	..	40432b
50	15814	20.5	−28 36	10.8	10.6	A2	2	..	40432b
51	14211	20.5	−42 29	9.1	8.7	Fo	8	..	39471b
52	9187	20.5	−56 18	7.5	8.7	G5	5	..	39381b
53	7482	20.5	−59 48	9.56	10.5	G5	2	..	39381b
54	1514	20.5	−75 25	*8.6*	9.1	F8	5	..	42526b
55	3887	20.6	+10 15	10.1	*10.5*	F5	2	..	23239b
56	4096	20.6	+9 34	10.5	*11.1*	Go	2	..	23239b
57	4128	20.6	+6 47	10.1	*10.2*	A2	4	..	23239b
58	*3883*	20.6	+3 0	9.1	*10.2*	K2	1	..	21770b
59	3882	20.6	+2 10	9.02	*9.02*	Ao	4	..	21770b
60	5349	20.6	−15 24	8.7	*9.8*	K2	3	..	39482b
61	5629	20.6	−17 20	8.1	*8.1*	B8	8	..	39391b
62	14052	20.6	−25 47	8.4	8.9	F8	4	..	41403b
63	14193	20.6	−26 19	10.8	10.9	K5	1	..	40432b
64	15183	20.6	−32 21	9.5	10.0	Ko	2	..	23725b
65	13539	20.6	−36 18	8.4	10.7	K5	1	..	39652b
66	13280	20.6	−39 31	9.9	10.3	Fo	1	..	39652b
67	13286	20.6	−40 43	8.9	9.2	F8	6	..	39652b
68	*13520*	20.6	−40 58	8.6	9.2	F5	6	..	39652b
69	14212	20.6	−42 11	8.6	9.8	Ma	4	..	39471b
70	6378	20.6	−61 46	*9.3*	9.6	Fo	3	..	39381b
71	*3575*	20.7	+39 1	7.6	*8.7*	K2	3	..	38520i
72	3835	20.7	+11 29	9.0	*9.0*	B9	4	..	23239b
73	4091	20.7	+8 53	9.0	*9.0*	B9	3	..	10123b
74	4956	20.7	−7 12	8.7	*9.0*	Fo	5	..	38112b
75	4974	20.7	−8 46	10.0	*10.0*	Ao	2	..	38112b
76	5398	20.7	−12 29	9.2	*10.6*	Ma	3	..	39482b
77	5399	20.7	−12 47	9.3	*10.7*	Ma	..	..	M
78	5435	20.7	−14 45	6.64	*6.64*	Ao	..	0,5-	**56**,144
79	5350	20.7	−15 32	9.6	*9.9*	F2	2	..	39482b
80	5551	20.7	−20 47	8.3	8.9	F2	8	..	21839b
81	16140	20.7	−29 56	5.68	5.7	B9	..	..	**56**,144
82	16699	20.7	−31 53	8.6	8.5	B9	7	..	23725b
83	13383	20.7	−43 16	10.3	11.3	F5	1	..	39680b
84	13222	20.7	−45 34	10.3	10.5	A5	2	..	39471b
85	13095	20.7	−48 54	9.0	9.6	F2	5	..	39681b
86	*12675*	20.7	−48 57	9.5	10.5	G5	2	..	39681b
87	2027	20.7	−73 42	*7.5*	8.5	Ko	5	..	42526b
88	1515	20.7	−75 27	*8.6*	9.1	F8	4	..	42526b
89	860	20.8	+73 22	6.71	*6.85*	A5	6	..	37224i
90	2236	20.8	+56 43	8.5	*9.0*	F8	3	..	38518i
91	*2994*	20.8	+50 5	6.31	*6.29*	B9	9	..	37392i
92	2823	20.8	+47 52	7.69	*8.69*	Ko	5	..	37392i
93	3121	20.8	+44 29	8.5	*9.1*	Go	2	..	37348i
94	3229	20.8	+43 12	5.95	*6.73*	G5	7	5,7	37348i
95	*3773*	20.8	+22 1	8.6	*8.6*	B9	2	..	37829i
96	*4097*	20.8	+10 3	10.1	*10.7*	Go	2	..	23239b
97	4093	20.8	+8 55	9.5	*10.0*	F8	3	R	10123b
98	4092	20.8	+8 55	9.3	*9.8*				
99	4066	20.8	+7 46	8.5	*8.9*	F5	3	..	14171b
100	3738	20.8	−0 52	9.0	*10.0*	Ko	1	..	17051b

182700 — $19^h\ 20^m.8$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4997	20.8	−11 49	8.3	*9.3*	Ko	4	..	38112b
2	5354	20.8	−13 12	10.9	*10.9*	Ao	2	..	39482b
3	5356	20.8	−13 20	9.3	*10.1*	G5	2	..	39482b
4	5355	20.8	−13 28	9.3	*10.7*	Ma	2	..	39482b
5	*13960*	20.8	−26 59	9.3	10.3	G5	2	..	40432b
6	16144	20.8	−29 30	8.0	9.4	K5	3	..	40432b
7	16703	20.8	−31 33	9.3	10.0	K2	2	3,1	23725b
8	13288	20.8	−40 17	7.22	7.6	Go	..	0,10	56,144
9	3251	20.8	−68 38	5.95	8.0	K5	7	..	41442b
10	3012	20.8	−69 12	*9.6*	9.9	F2	4	..	20541b
11	818	20.9	+74 19	9.0	*10.0*	Ko	2	..	37224i
12	1043	20.9	+69 43	9.3	*10.3*	Ko	1	..	38067i
13	1705	20.9	+62 54	8.1	*8.1*	Ao	2	..	37970i
14	2237	20.9	+56 25	8.5	*8.6*	A5	2	..	38518i
15	2135	20.9	+54 52	7.36	*8.36*	Ko	3	..	37392i
16	2412	20.9	+52 22	7.9	*7.9*	Ao	3	..	37392i
17	3648	20.9	+23 36	8.7	*9.0*	Fo	1	..	37829i
18	4007	20.9	+19 28	8.9	*8.9*	A	1	E	37829i
19	3889	20.9	+10 52	8.9	*8.9*	B9	3	..	14171b
20	4068	20.9	+ 7 29	9.1	*9.5*	F5	4	5,3	10123b
21	4129	20.9	+ 6 10	10.1	*10.1*	Ao	3	..	23239b
22	5400	20.9	−12 42	10.0	*11.0*	Ko	2	..	39482b
23	5310	20.9	−16 6	9.3	*10.7*	Ma	1	..	39347b
24	5453	20.9	−19 37	10.0	11.2	K2	1	..	39391b
25	15327	20.9	−24 15	8.4	8.2	Ao	9	..	19904b
26	13542	20.9	−36 16	8.9	9.5	A3	4	..	39652b
27	13282	20.9	−39 0	8.9	10.1	G5	3	..	39652b
28	13281	20.9	−39 7	9.3	9.8	Go	3	..	39652b
29	13291	20.9	−40 11	9.3	9.8	Ko	3	..	39652b
30	13521	20.9	−41 27	9.9	9.8	F5	2	..	39652b
31	14214	20.9	−42 45	8.1	8.4	Ko	7	..	39471b
32	13344	20.9	−44 37	11.0	11.5	K5	1	..	39471b
33	2389	20.9	−72 6	*8.3*	8.3	Ao	5	..	42526b
34	2238	21.0	+56 49	8.1	*9.3*	K5	1	..	38518i
35	*2194*	21.0	+56 1	7.34	*7.62*	Fo	5	5,4	38518i
36	3122	21.0	+44 43	7.07	*7.63*	Go	5	..	37349i
37	*3543*	21.0	+37 0	7.8	*7.8*	Ao	3	..	38520i
38	4098	21.0	+ 9 16	8.9	*10.1*	K5	2	..	10123b
39	4098	21.0	+ 4 59	9.35	*10.35*	Ko	3	5,2	23239b
40	4016	21.0	+ 3 19	7.9	*8.0*	A2	7	..	24086b
41	3993	21.0	+ 1 33	8.6	*8.6*	Ao	5	..	21770b
42	*5633*	21.0	−16 59	8.0	*8.1*	A3	9	..	39391b
43	5365	21.0	−18 32	10.5	*11.1*	Go	1	..	39391b
44	*5553*	21.0	−19 56	10.2	11.0	Ko	1	..	39391b
45	16708	21.0	−31 9	8.2	9.1	Ko	4	..	40432b
46	13292	21.0	−40 56	9.2	9.5	F8	4	..	39652b
47	*13523*	21.0	−40 58	9.9	9.6	A3	4	..	39652b
48	13227	21.0	−45 5	10.6	11.1	G5	1	..	39471b
49	12917	21.0	−47 21	9.9	10.5	Go	3	..	39681b
50	13097	21.0	−48 5	7.7	9.0	Ko	8	..	39681b
51	12504	21.0	−50 5	8.62	9.3	F5	5	..	41414b
52	9407	21.0	−57 43	*9.4*	10.2	G5	2	..	39381b
53	7615	21.0	−58 31	*9.8*	10.2	F5	2	..	39381b
54	2681	21.1	+46 14	7.32	*7.32*	Ao	6	0,5	37392i
55	3331	21.1	+42 44	8.8	*9.4*	Go	2	..	37348i
56	3706	21.1	+40 7	8.22	*9.22*	Ko	2	..	38520i
57	3545	21.1	+36 56	8.1	*8.1*	Ao	1	..	38520i
58	3587	21.1	+31 36	8.2	*8.8*	Go	2	..	37885i
59	3822	21.1	+25 16	8.5	*9.5*	K	1	..	37829i
60	3775	21.1	+21 5	8.6	*8.6*	A	2	..	37829i
61	*4009*	21.1	+20 5	6.36	*6.36*	Ao	8	1,10	38511i
62	4010	21.1	+19 37	5.31	*6.31*	Ko	8	0,9	38511i
63	4141	21.1	+ 5 47	10.1	*11.1*	Ko	2	..	23239b
64	*4099*	21.1	+ 5 3	10.5	*10.5*	A	2	..	23239b
65	4100	21.1	+ 4 6	9.8	*10.9*	K2	2	..	24086b
66	4017	21.1	+ 3 35	8.9	*9.3*	F5	5	..	24086b
67	4992	21.1	− 2 9	7.9	*7.9*	B8	5	..	13464b
68	4977	21.1	− 8 22	8.1	*8.4*	Fo	7	..	38112b
69	4976	21.1	− 8 48	9.6	*10.1*	F8	1	..	38112b
70	4999	21.1	−11 18	9.1	*9.1*	B9	5	..	38112b
71	5351	21.1	−15 51	10.0	*10.1*	A3	2	..	39347b
72	5635	21.1	−17 38	10.5	*11.3*	G5	1	..	39391b
73	5366	21.1	−18 19	10.0	*10.6*	Go	1	..	39391b
74	5555	21.1	−20 3	10.5	10.1	Ao	3	..	39391b
75	16709	21.1	−31 8	10.8	9.8	A	1	..	40432b
76	13525	21.1	−41 2	8.3	9.2	Ko	5	..	39652b
77	13023	21.1	−46 41	8.3	8.4	G5	8	..	39681b
78	1243	21.1	−78 2	*9.6*	9.7	A2	2	..	42793b
79	2891	21.2	+48 11	7.8	*9.0*	K5	3	R	35440i
80	3123	21.2	+44 42	8.5	*8.5*	Ao	3	..	37348i
81	3823	21.2	+25 31	8.5	*8.5*	B9	2	..	37829i
82	3909	21.2	+14 15	7.9	*8.4*	F8	3	..	33560i
83	4099	21.2	+ 9 56	9.3	*9.8*	F8	3	..	23239b
84	4094	21.2	+ 8 9	9.0	*9.0*	Ao	5	..	10123b
85	*4131*	21.2	+ 7 0	8.0	*8.3*	Fo	5	..	14170b
86	3742	21.2	− 0 18	8.6	*8.6*	B8	6	0,3	13464b
87	*4979*	21.2	− 7 55	8.5	*8.5*	B9	7	..	38112b
88	4978	21.2	− 8 27	9.2	*9.2*	Ao	4	..	38112b
89	5437	21.2	−14 21	8.7	*9.5*	G5	5	..	39482b
90	5352	21.2	−15 45	9.3	*10.3*	K	3	..	39347b
91	5311	21.2	−16 30	9.6	*9.7*	A3	4	..	39391b
92	5636	21.2	−17 13	10.2	*10.3*	A3	2	..	39391b
93	5367	21.2	−18 15	9.3	*10.1*	G5	3	..	39391b
94	..	21.2	−18 43	var.	var.	Md	..	R	M
95	5390	21.2	−21 49	8.5	8.3	F5	7	..	19904b
96	14198	21.2	−26 9	9.0	9.1	Go	3	..	41403b
97	14199	21.2	−26 23	10.3	9.4	Go	2	..	41403b
98	16712	21.2	−31 35	9.0	9.4	Go	5	0,5	23725b
99	13486	21.2	−38 31	9.0	9.8	Ko	4	..	39652b
100	13294	21.2	−40 39	8.6	9.5	Ko	5	..	39652b

182800 — $19^h\ 21^m.2$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	9376	21.2	−54 9	8.7	9.3	F5	3	..	41414b
2	9189	21.2	−56 45	9.0	9.9	G5	2	..	39381b
3	7616	21.2	−58 12	*9.6*	10.2	Go	2	..	39381b
4	..	21.2	−60 23	..	..	Ko	1	..	39381b
5	3124	21.3	+44 54	8.3	*8.8*	F8	3	..	37349i
6	3578	21.3	+38 34	8.2	*8.3*	A2	3	..	38520i
7	3737	21.3	+24 44	6.17	*6.67*	F8	7	0,8	38509i
8	3911	21.3	+14 24	7.9	*8.3*	F5	4	..	33560i
9	4101	21.3	+ 9 42	9.8	*10.4*	Go	3	..	23239b
10	4018	21.3	+ 3 18	8.7	*9.8*	K2	3	..	24086b
11	3995	21.3	+ 1 37	8.1	*9.2*	K2	3	..	21770b
12	5147	21.3	− 6 50	8.9	*9.7*	G5	2	..	38112b
13	5132	21.3	− 9 20	10.2	*10.7*	F8	1	..	38112b
14	5353	21.3	−15 30	8.7	*9.8*	K2	3	..	39482b
15	5369	21.3	−18 20	10.5	*10.8*	Fo	2	..	39391b
16	15422	21.3	−23 32	8.4	8.7	G5	6	..	19904b
17	14200	21.3	−26 25	10.3	9.4	Go	2	..	41403b
18	14222	21.3	−42 6	10.3	10.9	K2	1	..	39471b
19	14221	21.3	−42 41	10.3	10.7	K2	1	..	39471b
20	13389	21.3	−43 40	8.6	8.7	A2	3	..	39680b
21	13347	21.3	−44 5	7.6	8.1	F8	6	..	39680b
22	12920	21.3	−47 17	10.6	11.5	Ko	1	..	39681b
23	9568	21.3	−53 18	8.5	8.5	F8	4	..	41414b
24	R	21.3	−59 45	..	..	G5	1	..	39381b
25	6379	21.3	−61 10	*10.0*	10.8	G5	1	..	39381b
26	436	21.4	+84 26	9.6	*10.0*	F5	2	..	37294i
27	731	21.4	+76 26	7.7	*8.0*	Fo	6	..	37224i
28	2892	21.4	+48 13	8.1	*8.1*	Ao	5	..	37392i
29	3692	21.4	+22 13	9.5	*9.9*	F5	1	..	37829i
30	3811	21.4	+15 21	7.9	*8.2*	Fo	2	..	38808i
31	4095	21.4	+ 8 14	10.5	*10.5*	Ao	1	..	10123b
32	*4105*	21.4	+ 5 0	9.81	*9.81*	Ao	4	..	21770b
33	4104	21.4	+ 4 41	9.5	*10.6*	K2	2	..	24086b
34	4019	21.4	+ 3 49	9.3	*9.8*	F8	3	..	24086b
35	4206	21.4	+ 0 9	4.86	*5.14*	Fo	..	2,R	56,97
36	4981	21.4	− 8 27	9.6	*10.6*	Ko	2	..	38112b
37	5111	21.4	−22 49	8.7	9.2	G5	2	..	19904b
38	13390	21.4	−43 45	8.6	9.0	Ao	3	..	39680b
39	12922	21.4	−47 6	9.7	9.0	F8	2	..	39681b
40	3649	21.4	−67 1	*9.2*	10.6	Ma	2	..	20541b
41	3254	21.4	−68 54	*9.6*	10.4	G5	2	..	20541b
42	3609	21.5	+35 48	7.9	*7.9*	Ao	3	..	37885i
43	3904	21.5	+12 24	7.7	*7.8*	A2	3	2,4	38808i
44	4021	21.5	+ 3 19	8.4	*8.4*	B8	7	..	24086b
45	3742	21.5	− 1 2	8.7	*9.0*	F2	3	..	13464b
46	4982	21.5	− 8 1	9.6	*9.6*	Ao	2	..	38112b
47	5078	21.5	−10 27	8.5	*8.9*	F5	4	..	38112b
48	5002	21.5	−11 29	11.0	*11.0*	A	1	..	39482b
49	5637	21.5	−17 50	10.5	*11.1*	Go	1	..	39391b
50	5371	21.5	−18 4	10.5	*10.5*	A	3	..	39391b
51	5556	21.5	−20 10	8.7	9.8	F5	3	..	39391b
52	5557	21.5	−20 52	9.3	9.2	A3	5	..	39347b
53	17049	21.5	−30 30	9.3	10.3	Ko	1	..	41403b
54	13529	21.5	−41 47	8.6	9.0	F5	6	..	39471b
55	13392	21.5	−43 27	9.7	11.1	G5	1	..	39680b
56	12923	21.5	−47 6	9.7	10.5	F8	3	..	39681b
57	12509	21.5	−50 4	8.82	9.6	Ko	2	..	41414b
58	*9093*	21.5	−54 59	8.54	9.3	Ko	4	..	39381b
59	7617	21.5	−58 8	8.5	9.9	Ko	4	..	39381b
60	3437	21.5	−66 45	*7.8*	8.9	K2	4	..	41442b
61	2653	21.5	−70 54	*9.1*	9.2	A5	4	0,4	20541b
62	3231	21.6	+43 19	8.3	*9.1*	G5	3	*5,2*	37349i
63	3549	21.6	+36 55	8.5	*8.5*	Ao	2	..	38520i
64	3554	21.6	+30 47	8.8	*9.6*	G5	1	..	37885i
65	3827	21.6	+25 54	7.28	*7.23*	B8	5	..	37829i
66	3813	21.6	+15 21	8.0	*8.0*	Ao	2	..	38808i
67	3893	21.6	+10 15	9.8	*10.9*	K2	1	..	23239b
68	3892	21.6	+10 9	10.5	*10.5*	Ao	2	..	23239b
69	4146	21.6	+ 5 51	10.5	*11.0*	F8	1	..	23239b
70	4983	21.6	− 8 30	9.8	*10.9*	K2	1	..	38112b
71	5004	21.6	−11 8	10.2	*10.2*	Ao	2	..	39482b
72	5003	21.6	−11 35	9.2	*10.2*	Ko	2	..	39482b
73	*5314*	21.6	−15 59	9.3	*9.9*	Go	3	..	39347b
74	5313	21.6	−16 33	10.2	*10.2*	Ao	3	..	39391b
75	..	21.6	−17 36	..	..	Ao	1	..	39391b
76	5638	21.6	−17 53	10.0	*11.0*	Ko	1	..	39391b
77	5457	21.6	−19 24	9.3	10.1	F8	3	..	39391b
78	16162	21.6	−29 42	7.88	8.8	Go	5	..	41403b
79	16163	21.6	−29 47	8.93	9.5	G5	2	..	41403b
80	13488	21.6	−38 34	8.9	9.8	Go	5	..	39652b
81	13298	21.6	−40 29	8.4	9.2	G5	5	..	39652b
82	*14226*	21.6	−41 58	10.3	9.8	A2	4	..	39471b
83	9094	21.6	−55 41	*9.8*	10.2	F5	2	..	39381b
84	9192	21.6	−56 3	9.2	10.2	F8	3	..	39381b
85	5357	21.7	−15 31	9.6	*9.7*	A5	5	..	39482b
86	5316	21.7	−16 26	9.2	*9.3*	A2	4	..	39391b
87	5559	21.7	−20 34	8.3	8.6	A3	7	..	39347b
88	15837	21.7	−28 48	8.4	11.5	K5	1	..	40459b
89	17054	21.7	−30 46	10.3	10.5	K5	1	..	40459b
90	13506	21.7	−35 20	8.6	8.9	Go	5	..	39396b
91	13200	21.7	−37 24	8.9	9.5	A2	5	..	39652b
92	12927	21.7	−47 18	10.6	11.2	Ko	1	..	39681b
93	9096	21.7	−55 38	6.18	6.6	Ko	..	0,10	56,144
94	2391	21.7	−72 18	*8.0*	8.3	Fo	6	..	42526b
95	2893	21.8	+45 9	8.57	*8.99*	F5	2	..	37348i
96	*3550*	21.8	+37 3	6.97	*7.97*	Ko	4	..	37885i
97	3448	21.8	+33 59	7.29	*7.70*	F8	5	..	37885i
98	3328	21.8	+28 34	8.0	*8.0*	Ao	4	E	37885i
99	3742	21.8	+24 51	8.0	*8.0*	B9	3	..	37829i
100	3907	21.8	+12 49	5.77	*6.19*	F5	6	..	37931i

182900 — 19h 21m.8

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3840	21.8	+11 39	6.85	*7.27*	F5	5	0,5	38808i
2	4103	21.8	+ 9 42	9.5	*9.5*	B8	2	..	10123b
3	4071	21.8	+ 7 48	9.1	*10.1*	Ko	2	..	10123b
4	4133	21.8	+ 6 7	8.9	*8.9*	Ao	4	..	10123b
5	3744	21.8	− 1 6	8.1	*8.9*	G5	4	..	13464b
6	5317	21.8	−16 13	9.6	*10.6*	Ko	2	..	39347b
7	5639	21.8	−17 33	9.6	*10.6*	Ko	1	..	39391b
8	*5394*	21.8	−20 56	9.3	10.6	K5	2	..	39347b
9	15838	21.8	−28 7	10.8	10.3	A3	2	..	40432b
10	16167	21.8	−29 15	10.1	10.6	G5	1	..	40459b
11	16721	21.8	−31 5	9.0	10.0	K5	1	..	40459b
12	13201	21.8	−37 11	7.5	8.9	A3	6	..	39652b
13	13394	21.8	−43 0	10.1	11.3	Ko	2	..	39680b
14	11455	21.8	−52 49	8.9	9.6	G5	1	..	41414b
15	2415	21.8	−71 0	*8.9*	8.9	Ao	6	2,5	20541b
16	1708	21.9	+62 24	8.1	*9.3*	K5	1	..	37970i
17	*2999*	21.9	+50 2	7.07	*8.42*	Mb	4	..	37392b
18	3693	21.9	+22 33	8.4	*8.5*	A2	3	..	37829i
19	4015	21.9	+19 54	5.58	*5.58*	Ao	9	*1*,10	38511i
20	..	21.9	+ 8 17	..	..	A2	2	..	23239b
21	4073	21.9	+ 7 7	10.5	*10.8*	Fo	3	..	23239b
22	4107	21.9	+ 4 6	8.3	*8.7*	F5	7	..	24086b
23	*4025*	21.9	+ 4 2	10.5	*10.6*	A2	1	..	24086b
24	5359	21.9	−13 13	10.5	*11.1*	G	1	..	39482b
25	5318	21.9	−16 40	8.1	*8.7*	Go	6	..	39391b
26	5373	21.9	−18 33	7.26	*7.68*	F5	8	0,3	21839b
27	*5460*	21.9	−18 58	8.8	9.0	G5	5	..	39391b
28	13510	21.9	−35 20	10.3	10.1	Go	2	..	39396b
29	14230	21.9	−42 19	8.1	9.5	Ma	5	..	39471b
30	13030	21.9	−46 40	10.3	10.5	G5	3	..	39681b
31	12928	21.9	−47 3	10.1	10.5	Go	3	..	39681b
32	13101	21.9	−48 1	8.7	9.9	Ko	5	..	39681b
33	12681	21.9	−49 10	10.1	10.2	Go	3	..	39681b
34	*12514*	21.9	−49 59	9.28	9.9	F8	4	..	39681b
35	*1044*	22.0	+70 1	9.29	*10.07*	G5	2	..	38067i
36	3236	22.0	+43 27	8.7	*9.7*	K	2	..	37348i
37	4075	22.0	+18 47	8.1	*8.2*	A2	2	..	37931i
38	4098	22.0	+ 8 49	9.0	*9.4*	F5	3	..	10123b
39	4108	22.0	+ 4 57	9.8	*9.8*	Ao	3	0,2	24086b
40	4811	22.0	− 4 16	8.7	*9.2*	F8	3	E	38065b
41	*5151*	22.0	− 5 56	8.23	*8.37*	A5	7	..	38065b
42	4960	22.0	− 7 22	9.6	*10.7*	K2	1	..	38112b
43	4959	22.0	− 7 36	9.3	*9.9*	Go	3	..	38112b
44	4986	22.0	− 8 23	9.1	*10.1*	Ko	2	..	38112b
45	13974	22.0	−27 44	10.5	10.3	A2	2	..	40432b
46	13533	22.0	−41 2	10.1	10.1	Go	2	..	39652b
47	13103	22.0	−48 26	10.6	10.8	A5	2	..	39681b
48	13104	22.0	−48 45	8.5	9.0	Ao	8	..	39681b
49	12516	22.0	−50 21	8.4	9.6	K5	1	..	41414b
50	7483	22.0	−59 12	8.7	10.8	G5	2	..	39381b
51	949	22.1	+71 55	7.16	*8.16*	Ko	4	..	37224i
52	3237	22.1	+43 39	9.5	*9.5*	Ao	2	..	37348i
53	3331	22.1	+28 26	8.4	*8.5*	A2	2	..	38509i
54	3696	22.1	+22 9	9.1	*9.1*	A	2	..	37829i
55	4017	22.1	+19 41	6.04	*7.22*	K5	4	0,4	38511i
56	5135	22.1	− 9 48	10.2	*10.5*	Fo	2	..	38112b
57	5082	22.1	−10 17	8.3	*8.7*	F5	5	..	38112b
58	5406	22.1	−12 38	10.2	*10.8*	Go	2	..	39482b
59	5396	22.1	−21 21	9.8	9.5	F8	1	..	19904b
60	15438	22.1	−23 5	9.0	9.5	G5	4	..	19904b
61	15841	22.1	−28 35	10.1	10.0	Ao	3	..	40459b
62	15842	22.1	−28 42	9.3	10.3	F8	2	..	40459b
63	16173	22.1	−29 35	8.1	9.4	G5	3	..	41403b
64	16725	22.1	−31 35	7.8	8.5	G5	7	5,8	23725b
65	13495	22.1	−38 13	9.9	10.1	Ao	3	..	39652b
66	13291	22.1	−39 25	8.7	10.7	K5	1	..	39652b
67	13305	22.1	−40 31	9.3	10.4	K2	3	..	39652b
68	12929	22.1	−47 47	9.2	10.5	Ko	3	..	39681b
69	9571	22.1	−53 49	7.5	7.3	Ao	9	..	41414b
70	7484	22.1	−59 25	7.5	7.4	B9	7	..	39381b
71	..	22.1	−65 19	..	..	K5	1	..	40422b
72	*4019*	22.2	+20 3	6.68	*6.68*	Ao	6	*1*,6	38511i
73	*4099*	22.2	+ 9 4	9.1	*9.7*	Go	2	..	10123b
74	4135	22.2	+ 6 35	10.1	*11.1*	Ko	3	..	23239b
75	4998	22.2	− 2 13	8.22	*8.05*	B3	5	..	13464b
76	4814	22.2	− 4 23	9.1	*9.2*	A2	3	E	38065b
77	4987	22.2	− 8 34	8.7	*9.9*	K5	2	..	38112b
78	5462	22.2	−19 33	7.94	8.7	G5	6	..	39391b
79	5561	22.2	−20 43	8.3	8.6	A3	8	..	39347b
80	5118	22.2	−22 21	9.3	9.0	F8	2	..	19904b
81	14070	22.2	−25 27	10.8	10.9	Ko	1	..	41403b
82	16728	22.2	−31 49	9.6	9.8	F8	3	..	23725b
83	15205	22.2	−32 26	8.6	9.7	Ko	4	..	23725b
84	15204	22.2	−32 31	9.3	10.3	Ko	1	..	23725b
85	13552	22.2	−36 12	7.14	7.7	B9	8	..	39396b
86	13292	22.2	−39 33	9.3	10.7	Ko	1	..	39652b
87	13033	22.2	−46 15	10.6	10.9	F8	2	..	39681b
88	1939	22.3	+60 54	7.9	*9.0*	K2	3	..	25616i
89	3338	22.3	+42 36	var.	var.	F5	4	3,4R	37348i
90	3614	22.3	+35 59	8.0	*9.2*	K5	2	..	37885i
91	3842	22.3	+11 52	6.85	*6.85*	Ao	5	0,5	38808i
92	3899	22.3	+10 46	9.8	*9.8*	Ao	3	..	23239b
93	4104	22.3	+ 9 44	9.5	*10.7*	K5	1	..	10123b
94	*3888*	22.3	+ 3 0	9.3	*9.6*	F2	4	..	24086b
95	4961	22.3	− 7 48	9.3	*9.3*	Ao	2	..	38112b
96	5362	22.3	−13 44	9.1	*9.7*	Go	4	..	39482b
97	5319	22.3	−16 14	10.2	*11.2*	Ko	2	..	39347b
98	5376	22.3	−18 34	6.88	*7.95*	K2	7	..	39391b
99	5119	22.3	−22 28	9.1	9.5	A5	3	..	19904b
100	14220	22.3	−26 13	9.8	9.1	A5	2	..	41403b

183000 — $19^h\ 22^m.3$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	16178	22.3	−29 22	9.3	10.6	Ko	1	..	40459b
2	15208	22.3	−32 11	10.8	9.7	Go	4	..	23725b
3	13554	22.3	−36 5	9.5	9.8	G5	2	..	39396b
4	13535	22.3	−41 13	9.3	9.2	Fo	4	..	39680b
5	14236	22.3	−42 2	9.3	10.7	Go	3	..	39680b
6	14235	22.3	−42 39	9.7	10.9	Go	2	..	39680b
7	13395	22.3	−43 39	5.80	6.2	Ao	..	2,9	56,144
8	12930	22.3	−47 45	10.6	*11.7*	K2	1	..	39681b
9	12686	22.3	−49 33	8.9	9.6	F8	6	..	39681b
10	12687	22.3	−49 54	10.6	10.5	Go	2	..	39681b
11	12519	22.3	−50 28	7.9	8.2	F5	7	..	41414b
12	1351	22.4	+65 35	9.1	*10.1*	Ko	1	..	38067i
13	3782	22.4	+21 27	7.23	*7.06*	B3	5	..	37829i
14	4139	22.4	+20 57	7.7	*7.7*	B8	6	..	37829i
15	3900	22.4	+10 33	9.3	*10.3*	Ko	3	..	23239b
16	4136	22.4	+ 6 45	9.5	*10.7*	K5	2	..	23239b
17	4111	22.4	+ 4 43	9.3	*10.4*	K2	1	..	24086b
18	3889	22.4	+ 2 24	8.82	*9.32*	F8	3	..	21770b
19	3746	22.4	− 0 31	9.1	*9.1*	Ao	2	..	17051b
20	5138	22.4	− 9 13	10.5	*10.5*	Ao	1	..	38112b
21	13497	22.4	−38 10	10.8	10.7	A2	1	..	39652b
22	13293	22.4	−39 40	9.3	10.8	Ko	3	..	39652b
23	13536	22.4	−41 8	7.8	7.7	F5	7	..	39680b
24	13396	22.4	−43 38	9.5	11.5	K2	1	..	39680b
25	13106	22.4	−48 27	9.3	10.8	K2	2	..	39681b
26	12523	22.4	−50 13	9.2	11.5	K2	3	..	39681b
27	*12118*	22.4	−50 58	9.3	10.2	K5	1	..	41414b
28	9100	22.4	−55 19	6.41	6.8	F5	..	0,8	56,144
29	7485	22.4	−59 0	*10.2*	10.8	Go	1	..	39381b
30	112	22.5	+88 59	6.55	*7.90*	Mb	5	0,8R	37294i
31	2686	22.5	+46 45	8.3	*8.8*	F8	3	0,3	37349i
32	3391	22.5	+27 7	7.8	*8.3*	F8	5	..	37829i
33	3554	22.5	+26 7	8.6	*8.7*	A5	2	..	37829i
34	3834	22.5	+25 17	8.5	*8.5*	A	2	..	37829i
35	3853	22.5	+16 20	7.7	*7.7*	Ao	3	..	38808i
36	3902	22.5	+10 28	10.5	*10.5*	Ao	3	..	23239b
37	*4106*	22.5	+10 2	9.5	*10.3*	G5	3	..	23239b
38	4105	22.5	+ 9 17	8.6	*8.6*	Ao	4	..	10123b
39	4102	22.5	+ 8 33	10.5	*11.1*	Go	2	..	23239b
40	4103	22.5	+ 8 7	10.5	*10.8*	F2	2	..	10123b
41	4075	22.5	+ 7 29	10.5	*10.5*	Ao	2	..	10123b
42	4001	22.5	+ 1 29	9.3	*9.4*	A2	3	..	24086b
43	4989	22.5	− 8 25	9.6	*10.6*	Ko	2	..	38065b
44	5139	22.5	− 9 18	9.3	*10.1*	G5	3	..	38112b
45	5408	22.5	−12 38	9.6	*9.9*	F2	4	..	39482b
46	5320	22.5	−16 25	9.3	*10.3*	Ko	4	..	39347b
47	*13557*	22.5	−35 59	7.5	8.6	Ao	6	..	39396b
48	13294	22.5	−39 20	9.2	10.4	Go	4	..	39652b
49	13250	22.5	−45 54	10.1	10.8	G5	2	..	39681b
50	13108	22.5	−48 40	7.9	9.9	K2	5	..	39681b
51	732	22.6	+76 36	7.12	*8.12*	Ko	5	..	37224i
52	2025	22.6	+59 40	8.5	*8.8*	Fo	1	..	37970i
53	2140	22.6	+54 14	8.7	*9.9*	K5	1	..	38889i
54	3345	22.6	+41 36	8.6	*8.7*	A3	3	..	37348i
55	3717	22.6	+40 59	7.6	*8.7*	K2	2	..	38520i
56	3557	22.6	+36 7	5.15	*5.15*	Aop	..	R	56,97
57	3595	22.6	+29 43	9.2	*9.2*	Ao	1	..	38509i
58	4142	22.6	+20 54	8.0	*7.9*	B5	6	..	37829i
59	4113	22.6	+ 4 11	10.1	*10.1*	Ao	2	..	24086b
60	3890	22.6	+ 2 18	8.7	*8.8*	A2	4	..	21770b
61	4979	22.6	− 5 1	7.55	*8.62*	K2	4	..	17051b
62	5141	22.6	− 9 38	8.5	*9.5*	Ko	3	..	38112b
63	5409	22.6	−12 21	7.36	*7.92*	Go	8	..	39482b
64	5439	22.6	−14 54	9.21	*9.99*	G5	2	..	39482b
65	5640	22.6	−17 26	10.0	*11.1*	K2	1	..	39391b
66	5464	22.6	−19 36	10.2	10.1	Go	3	..	39347b
67	15357	22.6	−24 51	9.6	10.6	Ko	2	..	41403b
68	*14224*	22.6	−25 57	10.3	10.3	G5	2	..	41403b
69	16186	22.6	−29 54	9.43	9.4	Ao	2	..	41403b
70	13559	22.6	−36 39	10.3	9.8	Fo	3	..	39652b
71	13295	22.6	−39 25	10.1	11.2	Ao	2	..	39652b
72	13398	22.6	−43 6	10.1	11.3	Ko	1	..	39680b
73	13110	22.6	−48 52	9.9	10.5	F5	4	..	39681b
74	12692	22.6	−49 16	10.3	10.2	Go	2	..	39681b
75	2656	22.6	−70 31	*8.7*	9.2	F8	4	..	20541b
76	733	22.7	+76 16	7.92	*8.42*	F8	4	..	37224i
77	1943	22.7	+60 9	7.76	*8.76*	Ko	3	..	37970i
78	3587	22.7	+38 36	8.0	*8.4*	F5	3	..	38520i
79	*3450*	22.7	+34 5	8.7	*10.1*	Ma	..	..	M
80	3433	22.7	+32 58	8.6	*9.4*	G5	2	..	37885i
81	3592	22.7	+31 7	7.9	*8.5*	Go	2	..	37885i
82	3905	22.7	+10 53	9.8	*9.8*	Ao	4	..	23239b
83	4109	22.7	+ 9 46	8.6	*8.7*	A2	5	..	10123b
84	4149	22.7	+ 5 49	8.3	9.3	Ko	5	0,3	23239b
85	4114	22.7	+ 4 31	6.65	*6.93*	Fo	6	2,10	38560i
86	4027	22.7	+ 3 46	8.3	*8.3*	Ao	8	..	24086b
87	4028	22.7	+ 3 33	8.7	*8.7*	Ao	7	..	24086b
88	3747	22.7	− 0 39	9.0	*9.1*	A2	2	..	17051b
89	*5378*	22.7	−17 56	9.1	*10.1*	Ko	3	..	39391b
90	14226	22.7	−26 6	8.8	8.9	Fo	4	..	41403b
91	16189	22.7	−29 11	7.5	8.5	Ao	7	..	41403b
92	15214	22.7	−32 54	10.3	9.7	Fo	4	..	23725b
93	13036	22.7	−46 22	11.0	10.9	Go	1	..	39681b
94	13111	22.7	−48 1	10.1	11.1	Ko	1	..	39681b
95	12121	22.7	−51 32	9.3	10.2	K5	1	..	41414b
96	2393	22.7	−72 33	*8.5*	9.1	Go	2	..	42526b
97	1058	22.8	+70 24	8.19	*8.19*	Ao	4	2,3	38029i
98	*1944*	22.8	+61 0	7.81	*8.88*	K2	3	..	37970i
99	2199	22.8	+55 9	8.21	*9.39*	K5	2	..	38889i
100	3724	22.8	+40 25	8.0	*9.1*	K2	3	..	37348i

183100 **19h 22m.8**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3434	22.8	+32 8	8.0	*8.3*	F	1	..	38509i
2	3597	22.8	+29 17	8.6	*8.7*	A2	2	..	38509i
3	4105	22.8	+ 8 58	8.6	*9.7*	K2	2	..	10123b
4	4151	22.8	+ 5 59	8.0	*8.0*	B9	6	..	10123b
5	4004	22.8	+ 1 58	7.7	*8.8*	K2	6	..	21770b
6	4981	22.8	− 5 41	8.9	*9.7*	G5	2	..	38065b
7	5143	22.8	− 9 45	8.1	*8.4*	Fo	2	..	10078b
8	5088	22.8	−10 55	10.2	*10.8*	Go	2	..	39482b
9	5641	22.8	−17 4	10.0	*10.8*	G5	2	..	39391b
10	5380	22.8	−18 3	8.7	*8.7*	B9	7	..	39391b
11	*5566*	22.8	−19 56	9.08	11.0	Ma	2	..	39347b
12	15858	22.8	−28 20	10.3	10.6	F5	2	..	40459b
13	17070	22.8	−30 16	9.8	10.5	K5	1	..	41403b
14	13310	22.8	−40 52	9.3	10.1	K2	1	..	39680b
15	14239	22.8	−42 13	9.7	11.3	K2	1	..	39680b
16	14240	22.8	−42 14	10.6	11.3	Ao	1	..	39680b
17	13113	22.8	−48 20	9.7	10.2	Go	5	..	39681b
18	12693	22.8	−49 56	9.9	10.2	F5	2	..	39681b
19	12526	22.8	−50 6	8.9	9.9	G5	4	..	39681b
20	9410	22.8	−57 36	*9.2*	10.2	Ko	2	..	39381b
21	6381	22.8	−61 12	*9.9*	10.2	Fo	3	..	39381b
22	2238	22.9	+53 34	8.7	*8.7*	Ao	4	..	37392i
23	3003	22.9	+49 52	8.22	*8.72*	F8	3	..	37392i
24	3133	22.9	+44 44	6.72	*7.50*	G5	4	..	37349i
25	3340	22.9	+42 7	7.7	*7.8*	A2	4	..	37349i
26	4212	22.9	+ 0 17	9.5	*9.6*	A2	3	..	24086b
27	3750	22.9	− 0 37	8.1	*8.5*	F5	6	..	17051b
28	3749	22.9	− 0 43	9.1	*9.1*	Ao	2	..	17051b
29	3749	22.9	− 1 18	8.3	*8.2*	B5	6	..	13464b
30	3747	22.9	− 1 33	8.3	*8.3*	B9	5	..	13464b
31	5009	22.9	−11 22	9.1	*9.5*	F5	4	..	38065b
32	5441	22.9	−14 22	7.9	*8.7*	G5	6	..	39482b
33	5362	22.9	−15 18	6.73	*6.56*	B3	..	5,4-	56,144
34	5360	22.9	−15 29	10.0	*10.1*	A2	2	..	39347b
35	15360	22.9	−24 26	9.8	10.0	F8	2	..	19904b
36	14078	22.9	−25 52	10.1	10.6	G5	1	..	41403b
37	16741	22.9	−31 18	8.8	9.8	K2	1	..	40459b
38	*13313*	22.9	−39 59	9.9	10.8	Fo	4	..	39652b
39	9105	22.9	−55 8	9.2	10.2	K2	1	..	39381b
40	2035	22.9	−73 0	*8.7*	9.7	Ko	1	..	42526b
41	2142	23.0	+54 21	8.7	*9.7*	Ko	1	..	38889i
42	3137	23.0	+44 48	6.75	*6.70*	B8	6	..	37349i
43	4085	23.0	+18 5	6.93	*6.69*	B	3	R	38808i
44	*4020*	23.0	+14 5	6.26	*6.14*	B5	7	0,7	38808i
45	3913	23.0	+12 17	7.8	*8.8*	Ko	2	..	38506i
46	3907	23.0	+10 11	10.5	*10.5*	Ao	3	..	23239b
47	3891	23.0	+ 2 9	10.5	*10.9*	F5	2	..	24086b
48	4598	23.0	− 3 15	8.5	*8.5*	Ao	1	..	17051b
49	5411	23.0	−12 23	10.0	*10.8*	G5	1	..	39482b
50	*14233*	23.0	−25 58	9.6	10.0	K2	2	..	41403b
51	15216	23.0	−32 43	8.3	8.2	F8	7	..	23725b
52	13708	23.0	−34 9	9.3	9.9	F2	4	..	23725b
53	13526	23.0	−35 17	7.63	9.0	Ko	7	5,7	23725b
54	13361	23.0	−44 44	10.6	10.8	F8	1	..	39680b
55	12936	23.0	−47 34	10.6	11.2	G5	2	..	39681b
56	13116	23.0	−48 30	9.5	9.6	Ao	7	..	39681b
57	9196	23.0	−56 6	*10.0*	10.8	G5	1	..	39381b
58	7486	23.0	−59 27	*9.4*	9.9	F8	3	..	39381b
59	3346	23.1	+41 39	8.3	*8.9*	G	2	..	37348i
60	3766	23.1	+39 56	8.42	*8.42*	Ao	2	..	38520i
61	4146	23.1	+20 28	8.7	*8.7*	B9	2	..	37829i
62	4107	23.1	+ 8 45	7.9	*8.5*	Go	6	..	10123b
63	4106	23.1	+ 8 11	8.7	*9.7*	Ko	4	..	23239b
64	4142	23.1	+ 6 21	10.1	*10.1*	Ao	2	..	23239b
65	4152	23.1	+ 5 8	8.33	*8.31*	B9	6	..	24086b
66	4030	23.1	+ 3 33	10.5	*10.5*	Ao	1	..	24086b
67	4029	23.1	+ 3 17	9.8	*9.9*	A3	3	..	24086b
68	*4994*	23.1	− 7 59	9.6	*10.7*	K2	1	..	38065b
69	4993	23.1	− 8 49	9.6	*9.6*	Ao	2	..	38065b
70	5089	23.1	−10 33	8.3	*9.5*	K5	4	..	38112b
71	5324	23.1	−16 20	9.3	*10.7*	Mb	2	..	39347b
72	5326	23.1	−16 34	10.2	*11.3*	K2	1	..	39347b
73	5325	23.1	−16 43	8.7	*9.9*	K5	3	..	39391b
74	14081	23.1	−25 40	8.8	9.4	Ko	4	..	41403b
75	16199	23.1	−29 55	8.28	8.2	Ao	6	..	41403b
76	17075	23.1	−30 48	10.3	10.0	Ao	3	..	41403b
77	*15220*	23.1	−31 58	9.9	9.4	G5	5	..	23725b
78	13211	23.1	−37 52	9.9	10.4	Ko	1	..	39652b
79	12938	23.1	−47 41	9.2	10.5	K2	3	..	39681b
80	13117	23.1	−48 38	7.9	8.1	F5	9	..	39681b
81	9413	23.1	−57 23	*9.7*	10.5	G5	1	..	39381b
82	7618	23.1	−58 10	*9.4*	10.2	G5	3	..	39381b
83	3016	23.1	−69 2	*9.8*	10.6	G5	1	..	20541b
84	3623	23.2	+35 42	7.56	*7.56*	Ao	5	..	37885i
85	3551	23.2	+34 58	7.72	*7.72*	Ao	5	..	37885i
86	4144	23.2	+ 6 25	9.3	*10.1*	G5	2	..	23239b
87	3751	23.2	− 0 24	8.4	*8.9*	F8	3	..	17051b
88	5146	23.2	− 9 25	8.6	*8.6*	Ao	5	..	38112b
89	5443	23.2	−14 5	10.0	*10.8*	G5	1	..	39482b
90	5363	23.2	−15 42	10.2	*10.7*	F8	2	..	39347b
91	5327	23.2	−16 8	9.8	*10.4*	Go	4	..	39347b
92	..	23.2	−17 3	..	..	A2	3	..	39391b
93	15364	23.2	−24 32	9.3	9.4	Go	3	..	19904b
94	17078	23.2	−30 14	11.0	10.0	A3	1	..	41403b
95	13711	23.2	−34 50	8.6	10.4	Ma	1	5,1	39396b
96	13530	23.2	−35 8	10.1	10.4	G5	1	..	39396b
97	13562	23.2	−36 30	7.9	9.2	K2	3	..	39652b
98	13212	23.2	−37 14	8.9	9.2	Go	5	..	39652b
99	13508	23.2	−38 46	8.3	10.4	G5	6	..	39652b
100	13300	23.2	−39 31	8.4	8.6	F8	8	..	39652b

183200 — $19^h\ 23^m.2$

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	13316	23.2	−40 23	9.5	9.5	Ao	4	..	39680b	51	9107	23.5	−55 11	*9.5*	10.5	Ko	1	..	39381b
2	*13040*	23.2	−45 59	9.5	10.5	K2	4	..	39681b	52	9106	23.5	−55 49	*9.4*	10.5	K2	1	..	39381b
3	2791	23.3	+50 39	7.9	*9.1*	K5	3	..	37392i	53	7487	23.5	−59 7	*9.9*	10.5	Go	1	..	39381b
4	3767	23.3	+39 45	7.22	*7.22*	Ao	6	..	38520i	54	2793	23.6	+50 22	8.2	*8.2*	Ao	4	..	37392i
5	3554	23.3	+34 39	7.72	*8.79*	K2	2	..	37885i	55	3009	23.6	+49 14	8.0	*9.0*	Ko	3	..	37392i
6	3661	23.3	+23 59	8.0	*8.3*	F2	3	..	37829i	56	2896	23.6	+48 58	7.7	*8.9*	K5	1	..	37392i
7	*4079*	23.3	+ 8 4	9.3	*10.3*	Ko	3	..	23239b	57	2895	23.6	+48 39	7.66	*7.66*	Ao	5	..	37392i
8	4154	23.3	+ 5 20	8.7	*10.1*	Mb	3	..	24086b	58	3462	23.6	+37 22	8.4	*9.4*	Ko	2	..	38561i
9	4153	23.3	+ 5 11	10.5	*10.6*	A2	2	..	24086b	59	3559	23.6	+26 55	8.6	*8.6*	Ao	2	..	38509i
10	4031	23.3	+ 3 15	10.5	*10.8*	Fo	2	..	24086b	60	*3843*	23.6	+26 0	8.6	*9.0*	F5	2	..	38509i
11	5328	23.3	−16 10	10.0	*10.6*	Go	2	..	39347b	61	*4028*	23.6	+20 2	7.15	*6.98*	B3	6	..	37829i
12	5643	23.3	−17 47	9.3	*10.3*	Ko	1	..	39391b	62	3976	23.6	+17 38	6.87	*6.93*	A2	6	..	37931i
13	5381	23.3	−18 17	9.3	*10.5*	K5	1	..	39391b	63	4109	23.6	+ 8 9	7.7	*8.5*	G5	7	..	10123b
14	*5572*	23.3	−19 57	9.38	10.8	Ma	1	..	39347b	64	4150	23.6	+ 6 6	8.1	*8.1*	B9	7	..	10123b
15	5571	23.3	−20 32	10.0	10.1	Ko	3	0,1	39347b	65	4033	23.6	+ 3 30	8.0	*8.0*	Ao	8	..	21770b
16	16750	23.3	−31 0	7.08	8.2	Go	8	..	41403b	66	4219	23.6	+ 0 39	9.3	*10.5*	K5	1	..	24086b
17	*13215*	23.3	−36 57	9.3	9.5	A2	3	..	39652b	67	5158	23.6	− 6 23	8.67	*8.62*	B8	6	..	38065b
18	14249	23.3	−42 6	10.1	11.4	Ko	2	..	39680b	68	4965	23.6	− 7 28	9.6	*10.2*	Go	3	..	38065b
19	14251	23.3	−42 32	9.1	8.6	Fo	4	..	39680b	69	5330	23.6	−16 6	10.0	*11.2*	K5	1	..	39347b
20	13363	23.3	−44 19	10.3	10.2	F5	3	..	39680b	70	5329	23.6	−16 38	9.6	*9.9*	F2	4	..	39347b
21	1045	23.4	+69 44	9.3	*9.4*	A2	1	..	38067i	71	5644	23.6	−17 55	10.0	*10.3*	Fo	2	..	39391b
22	3750	23.4	+24 20	8.2	*9.4*	K5	1	..	38509i	72	5471	23.6	−19 4	8.7	9.0	F5	6	..	39347b
23	3848	23.4	+11 34	8.9	*10.3*	Mb	3	..	23239b	73	14091	23.6	−25 19	9.6	10.3	Ko	1	..	41403b
24	4080	23.4	+ 7 24	10.1	*10.2*	A2	2	..	10123b	74	14090	23.6	−25 53	9.8	9.4	A5	3	..	41403b
25	4117	23.4	+ 4 50	10.5	*11.1*	Go	1	..	24086b	75	14004	23.6	−27 11	5.53	6.6	Ko	..	0,9	**56**,144
26	4032	23.4	+ 3 58	9.0	*9.0*	B9	6	..	24086b	76	3805	23.6	−65 32	*8.8*	9.3	F8	3	..	40422b
27	3892	23.4	+ 2 43	5.92	*5.90*	B9	7	..	37965i	77	2660	23.6	−70 43	*8.0*	8.1	A5	5	..	41442b
28	4215	23.4	+ 0 12	8.78	*9.85*	K2	4	..	24086b	78	950	23.7	+71 38	9.3	*9.6*	Fo	1	..	38029i
29	3753	23.4	− 0 45	8.7	*8.7*	B8	4	..	17051b	79	1859	23.7	+61 14	8.5	*9.3*	G5	1	..	37970i
30	5368	23.4	−13 28	10.0	*10.6*	Go	2	..	39482b	80	2833	23.7	+47 46	7.18	*7.24*	A2	7	..	37392i
31	5444	23.4	−14 22	10.5	*11.1*	Go	2	..	39482b	81	3350	23.7	+41 16	8.5	*8.8*	Fo	3	E	37348i
32	5384	23.4	−18 12	9.6	*10.2*	Go	3	..	39391b	82	3790	23.7	+21 33	8.5	*8.5*	Ao	2	..	37829i
33	13998	23.4	−27 4	10.1	10.3	F5	1	..	41403b	83	4110	23.7	+ 8 43	9.5	*9.5*	Ao	2	..	10123b
34	15225	23.4	−32 6	8.6	9.7	K2	4	..	23725b	84	4157	23.7	+ 5 21	9.5	*9.5*	B9	4	..	24086b
35	9387	23.4	−54 47	*9.7*	10.5	G5	2	..	39381b	85	4158	23.7	+ 5 14	9.56	*10.12*	Go	4	..	24086b
36	9416	23.4	−57 19	*9.9*	10.5	Go	1	..	39381b	86	4967	23.7	− 7 24	9.8	*9.8*	B9	3	..	38065b
37	7297	23.4	−60 29	7.04	6.9	A2	9	..	39381b	87	5414	23.7	−12 49	10.0	*10.0*	Ao	3	..	39482b
38	1353	23.5	+65 24	8.7	*9.8*	K2	3	..	38067i	88	*5473*	23.7	−18 56	10.5	*11.5*	Ko	2	..	39347b
39	2030	23.5	+59 34	8.3	*9.7*	Ma	..	..	M	89	5472	23.7	−19 1	10.5	10.8	G	2	..	39347b
40	3578	23.5	+30 13	8.31	*8.37*	A2	3	..	38501i	90	14005	23.7	−27 3	9.3	10.0	Ko	2	..	41403b
41	4023	23.5	+13 52	7.6	*7.6*	Ao	3	..	38808i	91	14002	23.7	−27 39	8.0	8.2	Ao	7	..	41403b
42	4112	23.5	+ 9 26	9.1	*10.2*	K2	1	..	10123b	92	16207	23.7	−29 52	8.98	9.2	Ko	3	..	41403b
43	4217	23.5	+ 0 19	10.1	*10.1*	B9	3	..	24086b	93	12942	23.7	−47 53	9.7	10.2	Go	5	..	39681b
44	3755	23.5	− 0 49	9.1	*9.1*	Ao	1	..	17051b	94	9577	23.7	−53 28	8.1	8.4	F5	6	..	41414b
45	4983	23.5	− 5 33	9.1	*9.2*	A3	3	..	38065b	95	*2394*	23.7	−71 58	*8.8*	9.9	K2	2	..	42526b
46	5012	23.5	−11 47	9.6	*9.6*	Ao	2	..	39482b	96	1525	23.7	−75 2	8.78	9.4	K2	3	..	42526b
47	15368	23.5	−24 25	8.8	9.1	Ko	4	..	19904b	97	500	23.7	−85 5	*8.5*	9.5	Ko	1	..	14161b
48	14237	23.5	−26 1	9.4	9.1	F8	4	..	41403b	98	2794	23.8	+50 47	8.2	*8.8*	Go	3	..	37392i
49	12700	23.5	−49 30	9.2	9.9	Ko	4	..	39681b	99	2899	23.8	+45 38	8.1	*8.9*	G5	3	..	37349i
50	12699	23.5	−49 49	9.7	10.2	Go	3	..	39681b	100	3438	23.8	+32 25	8.8	*8.8*	A	1	..	38509i

183300 — 19h 23m.8

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4091	23.8	+18 43	7.40	*7.82*	F5	3	..	38808i
2	4114	23.8	+ 9 25	8.0	*9.4*	Ma	3	..	10123b
3	4112	23.8	+ 8 39	7.36	*7.64*	Fo	3	..	38506i
4	5415	23.8	−12 44	9.3	*10.1*	G5	2	..	39482b
5	5372	23.8	−13 9	10.7	*11.1*	F5	1	..	39482b
6	5366	23.8	−15 34	7.04	*7.04*	Ao	8	0,3	39482b
7	5474	23.8	−19 29	9.6	9.8	Ao	6	..	39347b
8	5475	23.8	−19 42	9.3	10.4	K5	3	..	39347b
9	5405	23.8	−21 33	8.3	8.9	Ko	3	..	19904b
10	15473	23.8	−23 11	10.3	9.8	A3	1	..	19904b
11	17090	23.8	−30 7	9.53	10.3	Ko	1	..	41403b
12	15233	23.8	−32 18	6.52	7.5	F2	9	..	23725b
13	13305	23.8	−39 51	9.9	10.4	Go	4	..	39652b
14	*13264*	23.8	−44 58	9.41	9.9	F8	3	..	39680b
15	12701	23.8	−49 39	9.2	9.9	Ko	3	..	39681b
16	3260	23.8	−68 9	*8.2*	8.6	F5	5	..	41442b
17	1062	23.9	+68 49	7.14	*8.49*	Ma	4	..	38029i
18	2146	23.9	+54 41	7.76	*8.83*	K2	2	..	38807i
19	3852	23.9	+11 19	8.7	*9.5*	G5	4	..	23239b
20	3912	23.9	+10 32	9.3	*9.4*	A2	3	..	10123b
21	4085	23.9	+ 7 20	8.4	*8.5*	A2	7	..	10123b
22	4035	23.9	+ 3 31	10.5	*11.5*	Ko	1	..	24086b
23	3895	23.9	+ 2 59	8.87	*9.87*	Ko	4	..	24086b
24	4010	23.9	+ 1 45	5.77	*5.77*	Ao	7	R	38023i
25	5373	23.9	−13 17	9.3	*9.4*	A2	4	..	39482b
26	..	23.9	−16 22	..	..	Ko	1	..	39347b
27	5386	23.9	−18 14	9.8	*9.8*	Ao	5	..	39347b
28	5387	23.9	−18 27	9.8	*10.4*	Go	3	..	39347b
29	5574	23.9	−20 26	10.0	10.8	G5	1	..	39347b
30	14096	23.9	−25 11	9.6	9.7	Ko	2	..	41403b
31	14006	23.9	−27 33	8.2	9.4	K2	3	..	41403b
32	14008	23.9	−27 46	9.6	10.0	Go	3	..	41403b
33	14266	23.9	−33 2	10.8	11.1	Ma	..	..	M
34	13722	23.9	−34 7	7.9	9.2	Ko	6	..	23725b
35	13517	23.9	−38 10	10.8	11.4	Go	4	..	39652b
36	13307	23.9	−39 23	9.9	*11.0*	K2	1	..	39652b
37	13322	23.9	−40 39	8.3	8.6	F5	5	..	39680b
38	13369	23.9	−44 50	8.81	8.7	Fo	6	..	39680b
39	1999	24.0	+57 49	6.46	*6.41*	B8	8	..	37970i
40	3011	24.0	+49 57	8.52	*8.66*	A5	2	..	37392i
41	3913	24.0	+10 49	7.39	*8.17*	G5	3	..	38506i
42	4118	24.0	+ 4 35	10.5	*10.5*	Ao	1	..	24086b
43	4034	24.0	+ 3 7	9.3	*10.4*	K2	2	..	24086b
44	4968	24.0	− 7·15	var.	var.	F8p	4	R	10078b
45	5014	24.0	−11 14	9.3	*9.3*	Ao	3	..	38065b
46	5416	24.0	−12 24	9.6	*9.7*	A5	3	..	39482b
47	5417	24.0	−12 51	6.86	*7.36*	F8	4	0,9	10078b
48	5445	24.0	−14 7	8.9	*9.0*	A2	5	..	39482b
49	5332	24.0	−16 22	10.2	*11.6*	Mb	1	..	39347b
50	5388	24.0	−18 17	9.3	*9.9*	Go	5	..	39347b
51	5575	24.0	−20 42	10.2	10.7	G5	2	..	39347b
52	15372	24.0	−24 54	8.85	9.1	A3	4	..	19904b
53	15234	24.0	−32 2	9.2	9.0	F5	5	..	23725b
54	13519	24.0	−38 13	9.3	11.4	F8	4	..	39652b
55	13043	24.0	−46 29	7.04	7.8	G5	10	..	39681b
56	9579	24.0	−53 34	8.4	9.9	K2	2	..	41414b
57	9391	24.0	−54 22	7.4	8.1	Mb	..	0,7	56,144
58	3261	24.0	−68 40	*8.6*	8.9	F2	6	..	20541b
59	659	24.1	+81 28	8.03	*8.37*	F2	3	..	37294i
60	676	24.1	+78 56	8.2	*9.3*	K2	2	..	38044i
61	3012	24.1	+49 56	7.32	*7.74*	F5	3	..	37392i
62	3465	24.1	+37 44	6.36	*6.17*	B2	7	..	38520i
63	3566	24.1	+36 19	7.23	*7.23*	Ao	6	..	38520i
64	3463	24.1	+33 10	7.38	*7.66*	Fo	7	..	37885i
65	4087	24.1	+ 7 50	8.5	*9.7*	K5	2	..	10123b
66	*4155*	24.1	+ 7 1	9.1	*9.1*	Ao	3	..	10123b
67	4154	24.1	+ 6 17	9.1	*9.4*	Fo	3	0,2	23239b
68	3897	24.1	+ 2 27	8.6	*8.9*	Fo	4	..	24086b
69	3753	24.1	− 1 36	7.9	*9.0*	K2	3	..	13464b
70	4816	24.1	− 4 35	8.5	*8.8*	F2	4	..	38065b
71	5418	24.1	−12 13	9.6	*10.1*	F8	3	..	39482b
72	5446	24.1	−14 13	8.3	*8.3*	Ao	8	..	39482b
73	5479	24.1	−19 46	8.10	8.6	A5	8	..	39347b
74	5576	24.1	−20 34	9.6	10.1	F8	5	2,1	39347b
75	14100	24.1	−25 39	8.4	9.1	Go	4	..	41403b
76	14099	24.1	−25 43	9.3	8.3	Ao	5	..	41403b
77	13521	24.1	−38 19	8.6	10.4	G5	5	..	39652b
78	12703	24.1	−49 36	10.6	10.2	Go	2	..	39681b
79	9580	24.1	−53 6	9.2	9.4	Ao	3	..	41414b
80	6382	24.1	−61 19	*10.7*	10.8	A3	2	..	39381b
81	660	24.2	+81 45	8.03	*8.01*	B9	4	..	37294i
82	951	24.2	+71 42	8.3	*8.4*	A5	3	R	38029i
83	*3352*	24.2	+42 1	7.42	*7.40*	B9	5	..	37348i
84	3397	24.2	+27 42	8.2	*8.2*	Ao	3	..	38509i
85	3705	24.2	+22 31	7.8	*8.8*	Ko	2	..	37829i
86	4036	24.2	+ 3 13	10.5	*10.9*	F5	1	..	24086b
87	*3760*	24.2	+ 0 2	6.52	*7.59*	K2	3	2,10	38023i
88	5124	24.2	−22 11	9.2	9.0	Go	2	..	19904b
89	*17097*	24.2	−29 59	10.3	10.4	A2	1	..	41403b
90	*13728*	24.2	−33 58	9.7	10.7	K5	1	..	23725b
91	13571	24.2	−36 15	10.3	10.4	Go	1	..	39652b
92	13311	24.2	−39 30	10.3	11.3	G5	2	..	39652b
93	13371	24.2	−44 36	10.6	11.2	Go	1	..	39680b
94	9393	24.2	−54 53	*9.0*	9.0	B9	4	..	39381b
95	9201	24.2	−56 50	*10.5*	10.5	Ao	2	..	39381b
96	9419	24.2	−57 53	*9.9*	10.5	Go	2	..	39381b
97	3652	24.2	−67 46	*8.9*	9.9	Ko	2	..	20541b
98	3608	24.3	+29 29	8.6	*8.7*	A2	1	..	38509i
99	3609	24.3	+29 14	6.76	*7.76*	Ko	5	..	37885i
100	3758	24.3	+24 47	7.26	*8.33*	K2	4	..	37829i

183400 — 19h 24m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3923	24.3	+12 15	7.69	*7.83*	A5	4	..	38506i
2	3916	24.3	+10 25	8.6	*10.0*	Ma	2	..	10123b
3	4115	24.3	+ 9 50	9.1	*10.2*	K2	1	..	10123b
4	4038	24.3	+ 3 35	10.5	*10.5*	Ao	3	..	24086b
5	5015	24.3	−11 15	8.7	*9.7*	Ko	3	5,1	39482b
6	5016	24.3	−11 38	10.5	*10.5*	B9	1	..	39482b
7	5647	24.3	−17 46	8.7	*9.7*	Ko	5	..	39391b
8	5389	24.3	−18 27	7.7	*7.8*	A3	7	..	39347b
9	5482	24.3	−19 36	8.3	9.2	Ma	4	..	39347b
10	*5577*	24.3	−19 56	9.6	11.0	Mb	1	..	39347b
11	13373	24.3	−44 37	9.7	10.9	K2	1	..	39680b
12	12946	24.3	−47 43	11.0	10.9	Ao	2	..	39681b
13	9582	24.3	−53 15	9.0	9.4	F8	3	..	41414b
14	2664	24.3	−70 11	*7.8*	8.6	G5	5	..	41442b
15	2039	24.3	−73 44	*9.0*	9.1	A3	3	..	42526b
16	3354	24.4	+41 26	8.7	*8.7*	Ao	3	..	38561i
17	3771	24.4	+39 35	8.8	*8.8*	Ao	1	..	38561i
18	3794	24.4	+21 46	7.7	*8.5*	G5	3	..	37829i
19	4094	24.4	+18 16	7.8	*7.8*	Ao	1	..	38808i
20	*3931*	24.4	+15 2	7.99	*7.99*	Ao	2	..	37931i
21	3925	24.4	+12 39	7.20	*7.20*	Ao	6	..	38506i
22	3898	24.4	+ 2 14	9.8	*10.8*	Ko	1	..	24086b
23	4014	24.4	+ 1 42	9.5	*10.5*	Ko	1	..	24086b
24	3761	24.4	− 0 20	8.9	*8.9*	Ao	2	..	17051b
25	5002	24.4	− 8 14	8.9	*9.0*	A3	4	..	38065b
26	5420	24.4	−12 47	8.5	*9.5*	Ko	4	..	39482b
27	5375	24.4	−13 6	8.5	*8.6*	A5	5	..	39482b
28	5376	24.4	−13 40	8.6	*9.4*	G5	4	..	39482b
29	6367	24.4	−15 26	9.1	*9.6*	F8	3	..	39482b
30	5333	24.4	−16 11	7.52	*7.52*	Ao	8	..	39482b
31	5127	24.4	−22 43	9.1	9.8	F8	1	..	19904b
32	16220	24.4	−29 52	9.43	9.8	Go	2	..	41403b
33	13046	24.4	−46 19	9.3	9.9	Fo	4	..	39681b
34	9203	24.4	−56 35	*9.4*	10.2	G5	2	..	39381b
35	7619	24.4	−58 14	*9.5*	10.5	Ko	2	..	39381b
36	7488	24.4	−59 20	8.8	9.6	F8	5	..	39381b
37	7489	24.4	−59 51	9.26	9.6	F5	5	..	39381b
38	4526	24.4	−63 33	*9.6*	10.6	Ko	1	..	40422b
39	3759	24.5	+24 28	4.63	*5.98*	Ma	..	5,10	791c
40	3708	24.5	+22 21	8.4	*8.4*	Ao	4	..	37829i
41	4114	24.5	+ 8 49	9.1	*9.1*	Ao	3	..	10123b
42	3899	24.5	+ 2 53	7.97	*7.85*	B5	8	..	24086b
43	5164	24.5	− 6 14	9.6	*10.2*	Go	3	..	40847b
44	*5005*	24.5	− 7 58	10.2	*11.2*	Ko	1	..	38065b
45	5018	24.5	−11 9	8.7	*9.7*	Ko	4	..	38065b
46	5421	24.5	−12 41	9.3	*9.9*	Go	2	..	39482b
47	5368	24.5	−15 31	9.6	*10.0*	F5	2	..	39482b
48	5391	24.5	−18 47	9.3	*9.9*	Go	5	..	39347b
49	5408	24.5	−21 3	8.1	8.6	Ao	6	..	19904b
50	15379	24.5	−24 47	8.65	9.4	Ko	3	..	19904b
51	14104	24.5	−25 49	9.3	10.3	G5	2	..	41403b
52	15238	24.5	−32 54	7.12	7.2	F2	8	..	23725b
53	13729	24.5	−34 19	9.9	9.5	Ao	5	..	23725b
54	13417	24.5	−43 10	9.9	11.5	K2	1	..	39680b
55	9421	24.5	−57 50	8.4	10.0	K2	3	..	39381b
56	614	24.6	+80 17	8.2	*9.0*	G5	2	..	37294i
57	3352	24.6	+28 16	8.8	*8.8*	Ao	2	..	38509i
58	3710	24.6	+22 52	8.2	*8.3*	A3	2	..	37829i
59	3795	24.6	+21 25	8.4	*8.4*	Ao	3	..	37829i
60	3926	24.6	+12 58	7.9	*8.2*	F2	2	..	38506i
61	4117	24.6	+ 9 28	8.9	*10.0*	K2	3	..	10123b
62	4093	24.6	+ 7 20	9.5	*10.0*	F8	4	..	10123b
63	4015	24.6	+ 1 39	9.0	*9.5*	F8	4	..	24086b
64	5335	24.6	−16 22	9.6	*10.7*	K2	2	..	39347b
65	16224	24.6	−29 35	8.9	8.7	F8	5	..	41403b
66	17107	24.6	−30 17	9.0	8.6	Ao	5	..	41403b
67	13314	24.6	−39 41	10.3	11.3	F5	1	..	39652b
68	13418	24.6	−43 18	9.1	10.2	G5	3	..	39680b
69	12706	24.6	−49 15	9.2	9.9	G5	5	..	39681b
70	4527	24.6	−63 16	*7.4*	7.5	A3	9	..	40422b
71	2032	24.7	+59 13	7.9	*8.9*	Ko	2	..	37970i
72	2431	24.7	+52 35	8.5	*8.8*	Fo	2	..	37392i
73	3351	24.7	+42 33	8.6	*9.4*	G5	5	..	37349i
74	3353	24.7	+28 37	9.0	*9.0*	A	1	..	38509i
75	*3918*	24.7	+11 1	8.9	*9.0*	A2	4	..	10123b
76	3919	24.7	+10 50	8.9	*8.9*	Ao	5	..	10123b
77	4094	24.7	+ 7 32	9.1	*9.1*	Ao	4	..	10123b
78	4016	24.7	+ 1 35	9.1	*9.9*	G5	4	..	24086b
79	4985	24.7	− 5 8	9.17	*9.12*	B8	4	..	38065b
80	4969	24.7	− 7 48	10.0	*10.0*	Ao	2	..	38065b
81	5448	24.7	−14 1	9.8	*10.2*	F5	2	..	39482b
82	5394	24.7	−18 22	9.6	*10.6*	Ko	3	..	39347b
83	5395	24.7	−18 26	9.2	*10.2*	Ko	5	..	39347b
84	13557	24.7	−41 50	10.1	10.4	G5	2	..	39680b
85	14267	24.7	−42 18	10.1	10.4	G5	2	..	39680b
86	13420	24.7	−43 39	9.9	11.1	Ko	1	..	39680b
87	13380	24.7	−44 13	9.7	10.5	Ko	2	..	39680b
88	1713	24.8	+62 6	8.5	*8.6*	A2	2	..	37970i
89	*2899*	24.8	+49 1	7.8	*7.9*	A5	5	..	37392i
90	3608	24.8	+31 8	8.1	*8.9*	G5	1	..	38509i
91	3761	24.8	+24 33	5.98	*6.98*	Ko	7	..	37829i
92	3936	24.8	+14 23	5.73	*6.73*	Ko	5	..	37931i
93	4118	24.8	+ 9 33	9.5	*9.6*	A5	3	..	10123b
94	4224	24.8	+ 0 10	10.1	*10.1*	Ao	1	..	24086b
95	5006	24.8	− 8 44	9.6	*10.7*	K2	1	..	38065b
96	5096	24.8	−10 49	9.6	*10.2*	Go	2	..	38065b
97	5423	24.8	−12 14	10.5	*10.5*	Ao	2	..	39482b
98	5336	24.8	−16 47	9.6	*10.2*	Go	4	..	39347b
99	5396	24.8	−18 32	7.28	*8.28*	Ko	8	..	39347b
100	14109	24.8	−25 45	8.2	8.2	Ao	7	..	41403b

183500 — 19h 24m.8

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	16231	24.8	−29 42	7.53	8.7	K2	5	..	41403b
2	16772	24.8	−31 57	9.4	9.8	Ko	3	..	23725b
3	13315	24.8	−39 27	10.1	10.9	Go	2	..	39652b
4	14270	24.8	−42 39	7.9	7.2	F8	7	..	39680b
5	3021	24.8	−69 18	*7.8*	8.4	Go	6	..	20541b
6	1527	24.8	−75 37	*8.7*	9.8	K2	3	..	42793b
7	2837	24.9	+47 19	7.64	*8.64*	Ko	4	5,3	37392i
8	3609	24.9	+31 52	7.81	*8.31*	F8	3	..	37885i
9	3610	24.9	+31 7	7.8	*8.8*	Ko	1	..	38509i
10	*3870*	24.9	+17 1	8.3	*8.4*	A2	1	..	38808i
11	3937	24.9	+14 58	8.04	*9.22*	K5p	2	R	23117i
12	3929	24.9	+12 12	7.67	*7.75*	A3	4	..	38506i
13	4119	24.9	+ 9 7	9.3	*9.4*	A3	3	..	10123b
14	4160	24.9	+ 6 14	9.1	*9.1*	Ao	2	..	10123b
15	*4039*	24.9	+ 4 1	8.4	*9.4*	Ko	4	..	24086b
16	4040	24.9	+ 3 58	9.8	*9.8*	Ao	2	..	24086b
17	3900	24.9	+ 2 35	10.5	*10.8*	Fo	3	..	24086b
18	3762	24.9	− 0 40	7.20	*7.28*	A3	7	0,4	24449b
19	5166	24.9	− 6 45	9.3	*10.5*	K5	2	..	38065b
20	5097	24.9	−10 43	8.6	*8.6*	B9	2	..	10078b
21	5449	24.9	−14 31	10.2	*10.2*	Ao	1	..	39482b
22	..	24.9	−17 2	..	..	Ao	2	..	39347b
23	..	24.9	−18 14	..	..	Ao	2	..	39347b
24	15383	24.9	−24 10	7.60	8.5	G5	7	..	19904b
25	14111	24.9	−25 24	10.3	10.3	F8	1	..	40459b
26	16232	24.9	−29 8	8.6	10.4	Mb	..	..	M
27	16774	24.9	−31 26	9.8	10.4	G5	1	..	23725b
28	13381	24.9	−44 28	10.1	11.2	Ko	1	..	39680b
29	12540	24.9	−50 17	9.5	10.2	Ko	4	..	39681b
30	7620	24.9	−58 10	9.2	10.2	G5	3	..	39381b
31	7490	24.9	−59 5	*9.3*	9.9	Go	3	..	39381b
32	1816	24.9	−74 27	*8.1*	9.2	K2	4	..	42526b
33	2245	25.0	+56 41	8.5	*9.0*	F8	2	..	38807i
34	2434	25.0	+52 7	5.66	*5.66*	Ao	..	0,9	2835c
35	3572	25.0	+36 34	8.1	*8.0*	B5	2	..	38561i
36	3566	25.0	+34 23	8.2	*9.0*	G5	2	..	37884i
37	*4039*	25.0	+20 4	6.39	*6.22*	B3	8	..	37829i
38	4161	25.0	+ 6 28	8.6	*9.7*	K2	3	..	10123b
39	3901	25.0	+ 2 47	10.5	*10.6*	A2	3	..	24086b
40	*4228*	25.0	+ 1 2	9.24	*9.24*	Ao	5	..	24086b
41	4226	25.0	+ 0 51	9.3	*9.4*	A2	7	..	24086b
42	5022	25.0	−11 47	9.6	*10.2*	Go	3	0,2	39482b
43	5649	25.0	−17 25	8.9	*9.9*	Ko	7	..	39347b
44	5486	25.0	−19 8	10.2	10.1	A5	3	..	39347b
45	5410	25.0	−21 31	6.01	6.6	A2	..	..	56,97
46	15488	25.0	−23 20	9.8	10.4	Go	1	..	19904b
47	14020	25.0	−27 54	9.1	9.1	F8	4	..	41403b
48	15903	25.0	−28 32	8.0	9.4	Ko	3	..	41403b
49	14282	25.0	−33 37	9.3	9.8	Go	4	..	23725b
50	13533	25.0	−38 43	8.6	9.8	A2	6	..	39652b
51	13421	25.0	−43 2	8.5	9.1	Fo	5	..	39680b
52	9585	25.0	−53 24	5.91	6.7	A5	..	..	56,144
53	9586	25.0	−53 55	8.8	9.3	A2	3	..	41414b
54	9115	25.0	−55 57	*10.0*	10.8	G5	2	..	39381b
55	3022	25.0	−69 19	*8.9*	8.9	Ao	5	..	20541b
56	734	25.1	+76 23	var.	var.	Nb	..	0,3 R	56,97
57	821	25.1	+74 26	8.7	*8.7*	B9	3	..	37224i
58	2838	25.1	+47 57	7.8	*7.9*	A5	5	..	37392i
59	3574	25.1	+36 59	7.6	*7.7*	A3	2	..	37885i
60	3404	25.1	+27 43	8.0	*8.3*	Fo	2	..	38509i
61	3566	25.1	+26 30	8.0	*8.0*	B8	3	..	37829i
62	3800	25.1	+21 7	8.4	*8.4*	B9	3	..	37829i
63	4042	25.1	+ 3 19	8.6	*8.6*	Ao	8	..	24086b
64	3902	25.1	+ 2 7	9.08	*10.08*	Ko	3	..	24086b
65	4611	25.1	− 3 23	8.3	*8.8*	F8	2	..	17051b
66	4971	25.1	− 7 29	10.0	*10.0*	Ao	2	..	38065b
67	5023	25.1	−11 28	9.6	*10.6*	Ko	2	..	38065b
68	5380	25.1	−13 8	9.6	*9.9*	F2	3	..	39482b
69	5370	25.1	−15 26	10.5	*11.1*	G	2	..	39347b
70	5337	25.1	−16 23	7.25	*7.13*	B5	8	..	39482b
71	..	25.1	−16 41	..	..	Ao	1	..	39347b
72	5414	25.1	−21 31	9.1	8.6	Ao	4	..	19904b
73	5412	25.1	−21 39	8.1	8.3	Go	6	..	19904b
74	15387	25.1	−24 18	8.8	8.5	F2	7	..	19904b
75	14115	25.1	−25 57	7.36	8.3	Ko	7	..	41403b
76	15905	25.1	−28 10	9.6	10.0	F8	2	..	41403b
77	13384	25.1	−44 45	6.69	6.8	Go	..	2,9	56,144
78	13284	25.1	−45 35	7.6	8.4	G5	8	..	39681b
79	9398	25.1	−54 44	8.5	8.7	Go	4	..	39381b
80	R	25.1	−60 51	..	..	G5	1	..	39381b
81	3806	25.1	−65 15	*8.1*	8.4	Fo	6	..	40422b
82	1368	25.1	−77 24	*9.6*	9.7	A3	4	..	42793b
83	1914	25.2	+58 50	8.7	*9.7*	Ko	1	..	37970i
84	2799	25.2	+50 31	8.7	*9.2*	F8	3	..	37392i
85	3777	25.2	+39 43	6.92	*7.70*	G5	6	0,5	38520i
86	3356	25.2	+28 35	9.7	*11.1*	Ma	..	..	M
87	3567	25.2	+26 7	8.6	*8.9*	F	2	..	37829i
88	3922	25.2	+10 36	9.1	*9.1*	Ao	5	0,3	23239b
89	3904	25.2	+ 2 41	6.38	*7.56*	K5	7	..	24086b
90	*4017*	25.2	+ 2 2	8.9	*8.9*	B9	5	..	24086b
91	4231	25.2	+ 0 50	9.8	*9.8*	Ao	4	..	24086b
92	4229	25.2	+ 0 7	8.93	*10.11*	K5	2	..	24086b
93	5008	25.2	− 8 24	7.6	*7.6*	B9	3	..	10078b
94	5007	25.2	− 8 39	9.3	*10.3*	Ko	2	..	38065b
95	5099	25.2	−10 30	9.6	*10.6*	Ko	2	..	38065b
96	5425	25.2	−12 4	8.1	*8.1*	Ao	2	..	10078b
97	5424	25.2	−12 13	10.5	*10.6*	A2	3	..	39482b
98	5372	25.2	−15 4	10.7	*10.7*	Ao	3	..	39347b
99	*5650*	25.2	−16 58	9.1	*10.1*	Ko	7	..	39347b
100	5651	25.2	−17 27	8.9	*9.5*	Go	7	..	39347b

183600 — 19h 25m.2

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5397	25.2	−18 39	10.0	*10.1*	A3	4	..	39347b
2	5487	25.2	−19 22	10.6	11.2	Ko	1	..	39347b
3	5580	25.2	−20 17	10.2	10.1	Ko	1	..	39347b
4	15496	25.2	−23 50	9.4	8.9	Ao	4	..	19904b
5	13580	25.2	−36 9	7.9	8.3	F5	5	..	39396b
6	14274	25.2	−42 29	9.7	9.5	Ao	5	..	39680b
7	12950	25.2	−47 32	10.6	10.2	Go	5	..	39681b
8	3023	25.2	−69 38	*8.9*	9.9	Ko	3	..	20541b
9	891	25.3	+72 24	8.1	*9.3*	K5	1	0,1	37266i
10	953	25.3	+71 48	8.5	*9.6*	K2	2	..	38029i
11	1716	25.3	+62 21	6.46	*7.64*	K5	5	..	37970i
12	2693	25.3	+46 49	7.9	*8.7*	G5	3	..	37349i
13	3745	25.3	+40 59	8.5	*8.5*	A	2	E	37348i
14	3589	25.3	+30 5	8.36	*8.36*	Ao	2	..	38501i
15	3932	25.3	+12 56	7.6	*7.7*	A5	3	..	38506i
16	3924	25.3	+10 57	9.5	*9.5*	Ao	3	..	10123b
17	4128	25.3	+ 4 6	9.8	*10.6*	G5	1	..	24086b
18	4019	25.3	+ 1 38	9.0	*9.6*	Go	4	..	24086b
19	5384	25.3	−13 11	9.1	*10.1*	Ko	3	..	39482b
20	5385	25.3	−13 36	8.1	*8.9*	G5	6	..	39482b
21	5399	25.3	−18 7	10.5	*11.5*	Ko	1	..	39347b
22	5398	25.3	−18 35	10.6	*10.7*	A5	2	..	39347b
23	5581	25.3	−20 34	9.6	10.1	A	2	..	19904b
24	15253	25.3	−32 5	8.9	9.2	Ao	5	..	23725b
25	13226	25.3	−37 23	8.7	9.5	Fo	3	..	39652b
26	12543	25.3	−50 14	8.6	9.0	Ao	5	..	41414b
27	728	25.4	+77 58	7.9	*8.2*	F2	5	..	37224i
28	3569	25.4	+34 9	9.1	*9.1*	A	1	..	37885i
29	3590	25.4	+30 20	7.46	*8.46*	Ko	2	..	37885i
30	4612	25.4	− 3 0	5.22	*6.57*	Ma	..	*5,6* R	56,144
31	5025	25.4	−11 42	6.94	*7.36*	F5	3	..	10078b
32	5450	25.4	−14 47	7.21	*8.21*	Ko	8	..	39482b
33	*5653*	25.4	−16 55	9.8	*11.0*	K5	1	..	39347b
34	5400	25.4	−18 19	10.5	*11.0*	F8	1	..	39347b
35	5488	25.4	−19 18	10.5	10.8	Ko	2	..	39347b
36	5416	25.4	−21 51	8.5	8.7	Ko	3	..	19904b
37	*5131*	25.4	−21 55	10.0	9.8	Ao	1	..	19904b
38	16243	25.4	−29 35	9.6	10.1	Ko	1	..	41403b
39	17117	25.4	−30 7	9.4	9.9	Go	1	..	41403b
40	13742	25.4	−34 28	11.0	11.0	Ao	1	..	39396b
41	*13537*	25.4	−37 58	8.9	11.2	F8	3	..	39652b
42	14276	25.4	−42 20	9.2	9.5	G5	4	..	39680b
43	7621	25.4	−58 33	9.0	9.9	F5	4	..	39831b
44	4528	25.4	−63 14	*9.2*	9.3	A2	3	..	40422b
45	..	25.4	−64 12	..	..	Ko	1	..	40422b
46	3024	25.4	−69 53	8.94	9.2	Fo	5	..	20541b
47	2841	25.5	+47 34	7.9	*8.0*	A2	3	..	37392i
48	3146	25.5	+44 27	8.3	*8.4*	A5	4	..	37349i
49	3572	25.5	+34 59	8.32	*8.27*	B8	1	..	38561i
50	3618	25.5	+31 25	6.98	*7.76*	G5	3	..	37885i
51	3862	25.5	+11 19	8.6	*9.6*	Ko	3	..	10123b
52	3926	25.5	+10 52	9.0	*10.0*	Ko	2	..	10123b
53	*4116*	25.5	+ 9 4	8.5	*9.5*	Ko	3	..	10123b
54	4165	25.5	+ 6 11	8.7	*9.5*	G5	3	..	10123b
55	4129	25.5	+ 4 26	8.9	*9.5*	Go	3	..	24086b
56	4043	25.5	+ 3 14	6.33	*6.33*	Ao	7	..	37965i
57	4232	25.5	+ 0 39	9.8	*9.8*	B9	2	..	24086b
58	5170	25.5	− 6 43	7.28	*7.84*	Go	6	..	38065b
59	5003	25.5	− 8 28	8.8	*10.0*	K5	2	..	38065b
60	5160	25.5	− 9 23	9.6	*10.6*	Ko	2	..	40847b
61	5100	25.5	−10 5	9.01	*9.51*	F8	3	..	38065b
62	5101	25.5	−10 51	9.3	*10.5*	K5	1	..	38065b
63	..	25.5	−12 55	..	..	Ao	2	..	39482b
64	5654	25.5	−17 9	10.2	*10.8*	Go	3	..	39347b
65	5419	25.5	−21 15	7.9	8.3	K5	5	..	19904b
66	5133	25.5	−22 1	10.2	10.4	Ao	1	..	19904b
67	15499	25.5	−23 9	9.8	10.1	F8	1	..	19904b
68	14262	25.5	−26 13	9.8	10.6	Ko	1	..	41403b
69	13320	25.5	−39 22	10.1	10.7	Ao	3	..	39652b
70	*13388*	25.5	−43 59	9.9	10.5	G5	3	..	39680b
71	*12956*	25.5	−46 59	7.38	8.1	G5	9	..	39681b
72	12544	25.5	−50 7	9.02	10.5	F2	3	..	39681b
73	12545	25.5	−50 7	9.7	10.5	G5	3	..	39681b
74	9589	25.5	−53 42	8.4	8.5	A5	4	..	41414b
75	6089	25.5	−62 36	*7.6*	8.6	Ko	7	..	40422b
76	4529	25.5	−63 34	*9.8*	10.6	G5	1	..	40422b
77	437	25.6	+84 36	9.3	*10.4*	K2	1	..	37294i
78	735	25.6	+76 55	10.0	*11.0*	Ko	1	..	6443m
79	3781	25.6	+39 43	8.5	*8.5*	Ao	3	..	38520i
80	3622	25.6	+31 10	8.1	*8.1*	B9	3	..	37885i
81	3712	25.6	+22 30	7.46	*8.53*	K2	3	..	37829i
82	4166	25.6	+ 5 34	9.5	*9.5*	Ao	4	..	24086b
83	4233	25.6	+ 0 53	10.1	*10.1*	Ao	3	..	24086b
84	4974	25.6	− 7 24	9.3	*9.4*	A3	3	..	38065b
85	4975	25.6	− 7 35	9.6	*10.6*	Ko	2	5,1	40847b
86	5009	25.6	− 8 9	9.3	*9.3*	Ao	5	..	38065b
87	5428	25.6	−12 35	10.5	*10.5*	Ao	3	..	39482b
88	5427	25.6	−12 41	8.5	*9.3*	G5	5	..	39482b
89	5341	25.6	−16 8	10.0	*11.1*	K2	1	..	39347b
90	5342	25.6	−16 22	10.2	*10.2*	Ao	3	..	39347b
91	5340	25.6	−16 37	8.1	*8.1*	Ao	8	..	39347b
92	5655	25.6	−17 53	8.7	*9.2*	F8	7	..	39347b
93	5401	25.6	−18 42	10.5	*11.7*	K5	1	..	39347b
94	5489	25.6	−19 24	10.5	10.8	Ko	3	..	39347b
95	5584	25.6	−20 38	9.1	9.2	A2	4	..	19904b
96	5421	25.6	−21 6	9.1	9.0	F8	3	..	19904b
97	5420	25.6	−21 51	8.5	8.0	Fo	6	..	19904b
98	9209	25.6	−56 24	8.2	9.3	G5	6	..	39381b
99	7622	25.6	−58 33	8.5	9.3	F8	3	..	39381b
100	7299	25.6	−60 20	8.9	10.5	K2	2	..	39381b

183700 — $19^h\ 25^m.6$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	1351	25.6	−76 18	*8.8*	8.8	Ao	6	..	42793b
2	3648	25.7	+35 6	7.92	*7.92*	Ao	3	..	37885i
3	3595	25.7	+30 29	8.8	*8.8*	Ao	2	..	37885i
4	3927	25.7	+10 12	9.8	*9.8*	Ao	3	..	10123b
5	4123	25.7	+ 9 58	9.32	*9.30*	B9	2	..	10123b
6	4100	25.7	+ 7 42	9.5	*9.5*	A	2	..	10123b
7	4045	25.7	+ 3 26	9.5	*10.9*	Mb	2	..	24086b
8	3905	25.7	+ 2 37	10.5	*10.9*	F5	2	..	24086b
9	5102	25.7	−10 36	9.1	*10.1*	Ko	3	..	38065b
10	5026	25.7	−11 14	9.3	*10.3*	Ko	2	..	38065b
11	5452	25.7	−14 12	8.9	*9.9*	Ko	2	..	39482b
12	5374	25.7	−15 12	10.5	*11.0*	F8	3	..	39347b
13	5402	25.7	−18 37	10.6	*11.4*	G5	1	..	39347b
14	5490	25.7	−19 22	10.6	11.2	Ko	1	..	39347b
15	15502	25.7	−23 19	8.6	8.3	Ao	8	..	19904b
16	14125	25.7	−25 9	9.4	10.0	G5	3	..	40459b
17	14288	25.7	−33 15	8.9	9.5	Go	4	..	23725b
18	14290	25.7	−33 24	8.9	9.2	Ao	5	..	23725b
19	13746	25.7	−34 34	10.1	10.1	Ko	1	..	39396b
20	13321	25.7	−39 21	9.3	10.1	Go	3	..	39652b
21	13425	25.7	−43 45	9.5	11.1	K2	2	..	39680b
22	13142	25.7	−48 55	8.5	9.3	A3	7	..	39681b
23	12547	25.7	−50 9	10.1	10.5	K2	2	..	39681b
24	9210	25.7	−56 34	*9.7*	10.5	G5	1	..	39381b
25	1917	25.8	+58 24	8.6	*9.1*	F8	1	..	37970i
26	2437	25.8	+52 33	8.1	*9.2*	K2	2	..	37392i
27	3357	25.8	+42 58	8.5	*8.9*	F5	4	..	37349i
28	3873	25.8	+16 30	7.05	*7.05*	Ao	4	..	37931i
29	3865	25.8	+11 22	9.1	*9.1*	Ao	4	..	10123b
30	4124	25.8	+ 9 24	8.5	*9.1*	Go	2	..	38506i
31	4118	25.8	+ 8 9	9.1	*9.2*	A2	2	..	10123b
32	4101	25.8	+ 7 39	9.0	*10.0*	Ko	2	..	10123b
33	4168	25.8	+ 5 42	9.1	*9.6*	F8	4	..	24086b
34	4046	25.8	+ 3 35	8.6	*8.5*	B5	8	..	24086b
35	4234	25.8	+ 0 50	10.5	*10.6*	A2	4	..	24086b
36	5022	25.8	− 2 15	7.7	*8.9*	K5	1	..	17051b
37	4832	25.8	− 4 29	8.7	*8.7*	Ao	2	..	17051b
38	5430	25.8	−12 40	9.3	*10.3*	Ko	2	..	39482b
39	5343	25.8	−16 12	10.6	*11.7*	K2	1	..	39347b
40	5656	25.8	−17 30	9.8	*10.4*	Go	2	..	39347b
41	5492	25.8	−19 37	7.29	8.3	K2	8	..	39347b
42	*5586*	25.8	−19 57	9.6	9.8	F8	4	..	39347b
43	15395	25.8	−24 33	9.1	10.0	K2	2	..	19904b
44	17122	25.8	−30 39	10.1	9.9	Go	2	..	40459b
45	17123	25.8	−30 57	8.8	9.0	Go	5	0,5	23725b
46	*13747*	25.8	−33 58	8.6	10.4	Mb	3	..	23725b
47	14283	25.8	−42 2	9.2	10.4	Ko	3	..	39680b
48	7491	25.8	−59 12	*9.5*	9.9	F5	2	..	39381b
49	2666	25.8	−70 4	*10.0*	10.1	A2	2	..	20541b
50	3256	25.9	+43 24	8.7	*9.0*	Fo	3	..	37349b
51	3612	25.9	+38 11	9.2	*9.2*	Ao	2	..	38561i
52	*3650*	25.9	+36 5	6.62	*6.90*	Fo	7	..	37885i
53	3363	25.9	+28 31	8.2	*9.3*	K2	2	..	38509i
54	3765	25.9	+24 50	8.0	*9.0*	Ko	2	..	37829i
55	3987	25.9	+17 28	7.16	*7.16*	Ao	4	..	37931i
56	3940	25.9	+12 36	6.92	*7.92*	Ko	4	..	38506i
57	4103	25.9	+ 7 48	9.8	*9.9*	A2	3	..	10123b
58	4989	25.9	− 5 53	9.07	*9.57*	F8	3	..	38065b
59	5103	25.9	−10 38	9.6	*10.6*	Ko	2	..	38065b
60	5027	25.9	−11 6	10.2	*10.3*	A3	2	..	39482b
61	5658	25.9	−17 27	9.2	*9.2*	B8	7	..	39347b
62	5657	25.9	−17 32	9.3	*10.4*	K2	2	..	39347b
63	15506	25.9	−23 47	9.0	9.8	Ko	3	..	19904b
64	15917	25.9	−28 25	7.38	7.5	B9	8	..	40459b
65	16792	25.9	−31 17	7.6	8.9	K2	5	..	41403b
66	*14292*	25.9	−32 58	10.6	9.9	G5	2	..	23725b
67	13542	25.9	−38 22	9.3	11.2	Go	3	..	39652b
68	13291	25.9	−45 3	10.3	11.1	Ko	1	..	39680b
69	12960	25.9	−47 18	10.1	10.5	Go	3	..	39681b
70	9120	25.9	−55 54	*10.1*	10.5	F5	2	..	39381b
71	9212	25.9	−56 19	6.98	8.4	G5	8	..	39381b
72	2152	26.0	+54 34	7.52	*8.30*	G5	4	..	38807i
73	2597	26.0	+51 29	8.3	*8.3*	Ao	4	..	37392i
74	3855	26.0	+25 47	8.6	*8.6*	A	2	..	37829i
75	3874	26.0	+16 35	7.92	*8.34*	F5	3	..	38808i
76	3867	26.0	+11 57	8.7	*9.8*	K2	3	..	10123b
77	4132	26.0	+ 4 16	8.1	*8.1*	Ao	8	..	24086b
78	3907	26.0	+ 2 54	10.5	*10.6*	A5	1	..	24086b
79	5013	26.0	− 8 42	9.2	*9.2*	Ao	4	..	38065b
80	5164	26.0	− 9 4	9.6	*10.2*	Go	3	..	40847b
81	..	26.0	−19 15	..	..	A2	3	..	39347b
82	15920	26.0	−28 34	7.8	9.4	K2	4	..	41403b
83	13554	26.0	−35 40	8.3	9.2	K2	3	..	39396b
84	9121	26.0	−55 15	*9.9*	10.5	Go	2	..	39381b
85	3655	26.0	−67 46	*9.6*	10.6	Ko	1	..	20541b
86	2247	26.1	+53 45	7.9	*7.9*	Ao	4	..	37392i
87	3359	26.1	+42 26	8.1	*8.2*	A3	4	..	37349i
88	3625	26.1	+31 59	8.1	*8.1*	Ao	3	..	37885i
89	3718	26.1	+22 17	8.0	*8.1*	A2	6	..	37829i
90	4120	26.1	+ 8 54	9.5	*9.6*	A5	3	..	10123b
91	4172	26.1	+ 6 10	7.8	*8.6*	G5	5	..	10123b
92	4133	26.1	+ 4 30	10.5	*10.5*	Ao	2	..	24086b
93	4021	26.1	+ 1 48	6.81	*7.81*	Ko	8	..	24086b
94	5024	26.1	− 2 19	6.73	*6.68*	B8	..	0,3-	56,144
95	5431	26.1	−12 48	10.2	*10.3*	A5	2	..	39482b
96	5453	26.1	−14 42	8.7	*8.7*	B8	6	..	39482b
97	5404	26.1	−18 53	8.5	*9.9*	Ma	6	..	39347b
98	*15921*	26.1	−27 57	9.8	10.3	K2	2	..	41403b
99	16797	26.1	−31 5	6.66	8.3	Ma	6	5,7	41403b
100	16796	26.1	−31 10	8.8	9.8	Ko	4	..	41403b

183800 — $19^h\ 26^m.1$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	16798	26.1	−31 33	9.6	11.0	K5	1	..	40459b
2	14295	26.1	−33 7	8.9	8.9	A2	6	..	23725b
3	13749	26.1	−34 15	10.6	10.4	Ao	2	..	39396b
4	13326	26.1	−39 57	8.78	9.5	Go	7	..	39652b
5	13565	26.1	−41 33	9.3	10.9	G5	1	..	39680b
6	13296	26.1	−45 29	5.87	6.3	Aop	..	I,R	**56**,144
7	13145	26.1	−48 8	9.5	10.2	F5	5	..	39681b
8	13144	26.1	−48 54	10.1	10.2	Ao	4	..	39681b
9	9213	26.1	−56 38	7.5	8.0	A3	8	..	39381b
10	R	26.1	−60 36	..	..	K2	1	..	39381b
11	2667	26.1	−70 2	9.24	9.8	G5	3	..	20541b
12	823	26.2	+74 49	9.1	*10.1*	Ko	2	..	37224i
13	3868	26.2	+11 24	9.3	*10.7*	Mb	..	..	M
14	4170	26.2	+ 5 28	8.7	*9.1*	F5	5	..	24086b
15	3908	26.2	+ 2 13	9.0	*9.3*	Fo	4	..	24086b
16	4235	26.2	+ 0 51	10.5	*10.6*	A2	1	..	24086b
17	4977	26.2	− 7 1	9.3	*9.9*	Go	3	..	40847b
18	5432	26.2	−12 38	9.8	*10.6*	G5	1	..	39482b
19	..	26.2	−15 33	..	..	A	1	..	39347b
20	5659	26.2	−17 2	8.5	*9.3*	G5	6	..	39347b
21	14288	26.2	−42 25	10.3	10.1	Fo	2	..	39680b
22	13297	26.2	−45 47	9.9	10.8	Go	2	..	39681b
23	6090	26.2	−62 4	*9.9*	10.5	Go	1	..	40422b
24	3808	26.2	−65 33	*9.5*	10.6	K2	2	..	40422b
25	3809	26.2	−65 53	*9.1*	9.9	G5	2	..	40422b
26	3438	26.2	−66 39	*9.8*	10.6	G5	3	R	20541b
27	3264	26.2	−68 32	*8.4*	8.4	Ao	3	..	41442b
28	2006	26.3	+57 22	8.7	*9.7*	Ko	1	..	37970i
29	2697	26.3	+46 9	8.9	*8.9*	Ao	2	..	37349i
30	3767	26.3	+24 12	8.5	*9.1*	Go	2	..	37829i
31	3719	26.3	+22 46	9.2	*9.5*	F	1	..	37829i
32	4123	26.3	+ 8 11	8.5	*9.1*	Go	6	..	10123b
33	4107	26.3	+ 7 25	9.1	*9.9*	G5	2	..	10123b
34	4049	26.3	+ 3 29	10.5	*10.5*	B9	5	..	24086b
35	3909	26.3	+ 2 12	10.1	*10.1*	Ao	3	..	24086b
36	3765	26.3	− 0 3	9.03	*9.01*	B9	5	..	24086b
37	3761	26.3	− 1 3	8.5	*9.0*	F8	4	..	24449b
38	4992	26.3	− 5 21	8.97	*9.39*	F5	4	..	38065b
39	5454	26.3	−14 21	9.6	*9.6*	Ao	4	..	39482b
40	5590	26.3	−20 37	8.1	8.7	G5	5	..	19904b
41	5425	26.3	−21 44	7.07	8.0	A3	9	..	19904b
42	15930	26.3	−28 55	9.1	10.0	Ko	2	..	41403b
43	16262	26.3	−29 14	9.3	9.2	G5	3	..	41403b
44	13591	26.3	−36 46	10.6	10.1	A2	2	..	39652b
45	13062	26.3	−46 6	10.1	10.5	A3	2	..	39681b
46	9405	26.3	−54 45	7.8	9.0	G5	5	..	39381b
47	*4530*	26.3	−62 59	var.	var.	Mb	6	R	40422b
48	*3570*	26.4	+27 1	8.7	*8.8*	A5	1	..	38509i
49	*3989*	26.4	+18 2	7.38	*8.38*	Ko	1	..	37931i
50	4129	26.4	+ 9 58	9.24	*10.31*	K2	2	..	10123b
51	4171	26.4	+ 5 14	8.91	*9.98*	K2	4	..	24086b
52	5172	26.4	− 6 37	9.3	*10.1*	G5	4	..	40847b
53	5165	26.4	− 9 31	10.2	*11.3*	K2	1	..	38065b
54	5105	26.4	−10 4	9.6	*10.2*	Go	2	..	38065b
55	5456	26.4	−14 33	10.0	*10.6*	Go	3	..	39482b
56	5377	26.4	−15 21	10.7	*12.1*	Ma	1	..	39347b
57	R	26.4	−22 57	7.6	8.1	F2	8	..	19904b
58	14044	26.4	−27 43	10.8	10.3	F8	2	..	40459b
59	13560	26.4	−35 3	10.1	10.4	F2	1	..	39396b
60	12965	26.4	−47 19	10.1	10.5	Go	2	..	39681b
61	*12147*	26.4	−50 58	8.3	9.0	Ao	7	..	41414b
62	R	26.4	−60 2	..	..	Go	1	..	39381b
63	3578	26.5	+34 5	8.5	*8.8*	Fo	2	..	37885i
64	3768	26.5	+24 54	8.1	*8.7*	Go	3	..	37829i
65	3911	26.5	+ 2 48	9.5	*10.6*	K2	2	..	24086b
66	3912	26.5	+ 2 18	10.1	*11.2*	K2	1	..	24086b
67	3766	26.5	− 0 28	9.3	*9.6*	Fo	3	..	24086b
68	3763	26.5	− 1 30	8.9	*9.0*	A2	3	..	24449b
69	5166	26.5	− 9 30	10.0	*10.8*	G5	2	..	38065b
70	5030	26.5	−11 29	7.34	*8.12*	G5	7	..	38065b
71	5437	26.5	−12 26	9.6	*10.4*	G5	2	..	39482b
72	5436	26.5	−12 43	10.5	*11.3*	G5	1	..	39482b
73	*5379*	26.5	−14 56	9.31	*9.73*	F5	3	..	39482b
74	*5496*	26.5	−18 58	9.8	11.0	Ko	2	..	39347b
75	5497	26.5	−19 22	10.0	10.4	Ko	2	..	39347b
76	*5594*	26.5	−19 56	8.83	9.0	F5	5	..	39347b
77	15936	26.5	−28 12	7.04	7.9	Go	7	..	41403b
78	13753	26.5	−34 37	9.7	9.6	Go	3	..	39396b
79	13399	26.5	−44 26	10.3	11.1	F8	1	..	39680b
80	13150	26.5	−48 28	9.3	9.9	F8	5	..	39681b
81	9214	26.5	−56 45	*9.6*	10.2	Go	2	..	39381b
82	7492	26.5	−59 37	*10.2*	10.8	Go	1	..	39381b
83	4531	26.5	−63 42	*9.8*	10.6	G5	1	..	40422b
84	3028	26.5	−69 48	9.29	10.1	Ko	1	..	20541b
85	736	26.6	+76 57	10.3	*10.9*	G	1	..	6443m
86	3480	26.6	+33 31	6.64	*7.64*	Ko	..	0,6	**56**,97
87	4046	26.6	+19 13	7.9	*9.1*	K5	1	..	38808i
88	3931	26.6	+10 57	7.9	*7.9*	B8	3	..	38506i
89	..	26.6	+ 9 52	Neb.	Neb.	Pd	..	R	**76**,23
90	4051	26.6	+ 3 14	10.5	*10.5*	Ao	2	..	24086b
91	5167	26.6	− 9 42	9.3	*10.3*	Ko	2	..	38065b
92	5106	26.6	−10 48	10.0	*10.0*	Ao	2	..	38065b
93	5438	26.6	−12 14	9.3	*9.6*	Fo	4	..	39482b
94	5439	26.6	−12 37	9.3	*10.1*	G5	3	..	39482b
95	*5390*	26.6	−12 55	9.1	*9.9*	G5	4	..	39482b
96	5408	26.6	−18 4	10.7	*11.2*	F8	1	..	39347b
97	5407	26.6	−18 27	10.0	*10.0*	Ao	4	..	39347b
98	14140	26.6	−25 8	9.0	10.0	Ko	1	..	19904b
99	14280	26.6	−26 22	10.5	9.4	B	3	R	40459b
100	14045	26.6	−27 53	9.8	11.1	K2	1	..	40459b

183900 — $19^h\,26^m.6$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	17135	26.6	−30 48	8.1	8.7	F8	3	..	41403b
2	13548	26.6	−38 37	8.9	11.4	K5	1	..	39652b
3	13571	26.6	−41 10	9.3	10.4	Fo	2	..	39680b
4	14297	26.6	−42 22	10.3	10.7	Go	1	..	39680b
5	13065	26.6	−46 32	9.5	11.3	K2	1	..	39681b
6	12554	26.6	−50 47	7.7	9.0	K2	5	..	41414b
7	3265	26.6	−68 51	*8.9*	9.9	Ko	2	..	20541b
8	3481	26.7	+33 55	8.7	*9.1*	F5	1	..	37885i
9	3631	26.7	+31 45	7.54	*8.61*	K2	3	..	34823i
10	3630	26.7	+31 39	8.5	*8.5*	B9	3	..	34823i
11	3620	26.7	+29 41	9.2	*9.2*	A	1	..	38509i
12	3410	26.7	+27 45	3.24	*4.24*	Ko	..		
13		26.7	+27 45			Ao	..	R	18162c
14	3411	26.7	+27 40	5.36	*5.34*	B9	..		
15	3871	26.7	+11 25	7.9	*9.0*	K2	2	..	38506i
16	4130	26.7	+ 9 9	8.7	*8.8*	A3	4	..	10123b
17	4176	26.7	+ 5 45	10.1	*10.1*	Ao	2	..	24086b
18	4175	26.7	+ 5 27	8.9	*10.1*	K5	3	..	24086b
19	4138	26.7	+ 4 48	7.30	*7.30*	Ao	4	*1*,10	37965i
20	4236	26.7	+ 0 19	9.1	*10.5*	Ma	2	..	24086b
21	*5344*	26.7	−15 58	7.9	*8.0*	A2	7	..	39482b
22	14144	26.7	−25 9	8.4	9.4	Ko	3	..	19904b
23	14142	26.7	−25 31	8.8	9.1	A5	4	..	19904b
24	14281	26.7	−26 15	7.56	7.9	Fo	7	..	41403b
25	17138	26.7	−30 35	6.74	8.0	Ko	7	..	41403b
26	13236	26.7	−37 50	7.9	9.2	F5	8	..	39652b
27	13551	26.7	−38 46	9.2	11.2	F8	2	..	39652b
28	13153	26.7	−48 53	7.7	8.1	Ao	10	..	39681b
29	11475	26.7	−52 29	8.1	8.8	K2	3	..	41414b
30	3603	26.8	+30 22	7.81	*8.81*	Ko	1	..	38509i
31	3412	26.8	+27 22	9.1	*10.5*	Ma	..	..	M
32	..	26.8	+ 9 1	Neb.	Neb.	Pe	..	R	76,23
33	4127	26.8	+ 8 31	8.9	*9.7*	G5	4	..	10123b
34	*4173*	26.8	+ 7 0	9.0	*9.5*	F8	3	..	10123b
35	4174	26.8	+ 6 42	8.1	*9.1*	K	2	..	10123b
36	4177	26.8	+ 5 33	7.16	*7.66*	F8	6	0,4-	10123b
37	4139	26.8	+ 4 8	8.9	*9.9*	Ko	3	..	24086b
38	3913	26.8	+ 2 54	8.57	*9.57*	Ko	7	..	24086b
39	5168	26.8	− 9 11	9.1	*10.3*	K5	1	..	38065b
40	5108	26.8	−10 12	9.3	*10.4*	K2	2	..	38065b
41	5032	26.8	−11 6	9.3	*9.8*	F8	3	..	38065b
42	5391	26.8	−13 34	10.0	*10.8*	G5	1	..	39482b
43	5457	26.8	−14 32	9.6	*10.6*	Ko	1	..	39482b
44	5380	26.8	−15 9	10.0	*10.6*	Go	3	0,2	39347b
45	5345	26.8	−16 30	9.3	*9.3*	Ao	5	..	39347b
46	14054	26.8	−27 20	8.8	10.3	K2	2	..	41403b
47	17141	26.8	−30 53	9.8	9.8	Ao	4	0,3-	40459b
48	13238	26.8	−37 3	10.3	10.4	G5	1	..	39652b
49	13333	26.8	−39 39	9.9	10.9	G5	1	..	39652b
50	12149	26.8	−51 30	9.7	9.9	Ao	1	..	41414b
51	6384	26.8	−61 51	7.3	8.1	F5	9	..	40422b
52	778	26.8	−82 54	*8.6*	9.7	K2	2	..	21397b
53	1361	26.9	+65 49	8.9	*9.4*	F8	2	..	38067i
54	2848	26.9	+47 12	8.7	*9.2*	F8	2	..	37349i
55	3154	26.9	+44 29	7.8	*8.2*	F5	5	..	37349i
56	3945	26.9	+12 56	8.5	*9.1*	Go	1	..	38506i
57	3873	26.9	+11 30	8.3	*9.3*	Ko	1	..	38506i
58	4112	26.9	+ 7 7	9.0	*9.0*	Ao	3	..	10123b
59	4176	26.9	+ 6 47	9.0	*9.1*	A2	4	..	10123b
60	4175	26.9	+ 6 38	7.7	*7.8*	A2	2	..	38506i
61	4995	26.9	− 5 24	9.2	*9.7*	F8	3	..	38065b
62	5346	26.9	−16 33	9.3	*9.9*	Go	4	..	39347b
63	14304	26.9	−33 0	8.9	9.8	Ko	3	..	23725b
64	13334	26.9	−39 49	10.3	10.8	Go	2	..	39652b
65	13068	26.9	−46 54	9.3	10.8	Ko	2	..	39681b
66	1532	26.9	−75 28	*9.5*	9.8	Fo	3	..	42793b
67	1353	26.9	−76 51	*9.7*	10.3	Go	1	..	42793b
68	2038	27.0	+59 34	7.8	*9.0*	K5	2	..	37970i
69	2701	27.0	+46 44	6.70	*6.70*	Ao	8	..	37349i
70	3581	27.0	+34 53	8.0	*8.4*	F5	2	..	37885i
71	3605	27.0	+30 14	8.41	*8.47*	A2	2	..	38509i
72	4996	27.0	− 5 44	9.3	*10.4*	K2	1	..	40847b
73	5035	27.0	−11 43	10.2	*10.3*	A5	2	..	38065b
74	5458	27.0	−14 49	9.41	*10.48*	K2	1	..	39482b
75	..	27.0	−17 6	..	..	A3	1	..	39347b
76	5142	27.0	−22 13	8.9	8.9	Fo	3	..	19904b
77	14151	27.0	−25 41	8.0	9.4	K5	3	..	19904b
78	13575	27.0	−41 18	10.3	11.2	G5	1	..	39680b
79	13405	27.0	−44 41	9.7	10.2	F2	2	..	39680b
80	*12971*	27.0	−46 58	10.3	10.9	G5	1	..	39681b
81	9124	27.0	−55 54	8.7	10.2	Ko	3	..	39381b
82	7493	27.0	−59 1	*10.1*	10.2	A2	3	..	39381b
83	3656	27.0	−67 25	*8.6*	9.6	Ko	3	..	20541b
84	737	27.1	+76 30	9.8	*11.0*	K5	1	..	6443m
85	2912	27.1	+45 16	8.72	*9.79*	K2	2	..	37349i
86	*3658*	27.1	+36 1	6.04	*6.04*	Ao	..	0,9	56,97
87	3414	27.1	+27 33	9.2	*10.6*	Ma	..	..	M
88	3413	27.1	+27 7	8.8	*8.9*	A5	1	..	38509i
89	3991	27.1	+17 44	7.5	*7.5*	Ao	3	..	37931i
90	4039	27.1	+13 24	7.8	*8.9*	K2	1	..	38506i
91	4129	27.1	+ 8 56	8.5	*8.5*	Ao	2	..	38506i
92	4179	27.1	+ 5 16	8.9	*10.0*	K2	4	..	24086b
93	4178	27.1	+ 5 12	8.46	*9.46*	Ko	7	..	24086b
94	3766	27.1	− 1 40	8.7	*8.7*	B8	6	..	24449b
95	5169	27.1	− 9 14	9.3	*9.3*	Ao	4	..	38065b
96	5347	27.1	−16 9	10.5	*10.6*	A2	3	..	39347b
97	13760	27.1	−34 25	6.94	7.2	Ao	8	..	23781b
98	13759	27.1	−34 45	9.3	9.9	G5	3	..	39396b
99	13758	27.1	−34 51	10.8	10.4	Ao	1	..	39396b
100	14303	27.1	−42 42	10.1	10.4	Ao	3	..	39680b

184000

19h 27m.1

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13446	27.1	−43 41	9.1	10.5	G5	3	..	39680b
2	13407	27.1	−44 40	10.1	10.5	Go	1	..	39680b
3	12727	27.1	−49 29	8.6	9.0	F5	8	..	39681b
4	12152	27.1	−51 1	8.6	9.3	Ao	5	..	41414b
5	686	27.1	−83 9	*7.4*	8.6	K5	3	..	14161b
6	2605	27.2	+51 31	3.94	*4.00*	A2	..	R	2835c
7	3023	27.2	+49 18	8.1	*8.1*	B9	5	..	37392i
8	2913	27.2	+45 57	var.	var.	Mb	5	R	37349i
9	3370	27.2	+28 15	9.0	*9.0*	A	1	..	38509i
10	3573	27.2	+26 24	5.96	*6.96*	Ko	8	..	37829i
11	3938	27.2	+10 15	8.47	*9.47*	Ko	1	..	38506i
12	3939	27.2	+10 6	9.3	*9.8*	F8	2	..	10123b
13	4116	27.2	+ 7 16	7.01	*8.08*	K2	2	..	38506i
14	4142	27.2	+ 4 21	9.5	*9.6*	A5	3	..	24086b
15	5459	27.2	−14 18	9.8	*10.4*	Go	3	..	39482b
16	5382	27.2	−15 32	9.3	*9.4*	A2	3	..	39482b
17	5348	27.2	−16 33	9.6	*10.7*	K2	2	..	39347b
18	5498	27.2	−19 4	10.2	10.8	Go	2	..	39347b
19	13355	27.2	−40 0	8.27	9.8	Ko	5	..	39652b
20	12728	27.2	−49 54	8.18	8.1	Ao	7	..	41414b
21	9596	27.2	−53 44	7.4	7.8	Fo	7	..	41414b
22	*3441*	27.2	−65 59	*8.2*	8.6	F5	7	..	20541b
23	3157	27.3	+44 8	8.3	*8.3*	Ao	3	..	37349i
24	3364	27.3	+42 58	8.1	*8.1*	Ao	5	..	37349i
25	4179	27.3	+ 6 27	8.1	*8.5*	F5	5	..	10123b
26	4178	27.3	+ 6 17	7.6	*7.6*	Ao	2	E	38506i
27	*4054*	27.3	+ 4 0	9.5	*9.5*	B8	4	..	24086b
28	*4238*	27.3	+ 1 3	9.5	*9.5*	Ao	3	..	24086b
29	4979	27.3	− 7 33	9.6	*10.8*	K5	1	..	40847b
30	5442	27.3	−12 31	10.0	*10.1*	A5	3	..	39482b
31	5499	27.3	−19 30	9.3	9.0	F8	6	..	39347b
32	15947	27.3	−28 14	8.8	9.1	F8	5	..	40459b
33	13601	27.3	−36 51	10.6	10.1	Go	1	..	39652b
34	13242	27.3	−37 4	8.6	9.0	F5	4	..	39652b
35	13356	27.3	−40 15	5.90	6.9	A2	..	..	56,144
36	13450	27.3	−43 24	9.9	11.2	G5	2	..	39680b
37	9427	27.3	−57 23	*9.6*	10.2	Go	2	..	39381b
38	7624	27.3	−58 0	9.0	10.8	Ko	2	..	39381b
39	1370	27.3	−77 48	*7.6*	8.6	Ko	8	..	42793b
40	3948	27.4	+14 45	7.39	*7.39*	Ao	4	0,5	38808i
41	3947	27.4	+14 6	7.9	*7.9*	Ao	2	..	38506i
42	4138	27.4	+ 9 37	7.87	*8.87*	Ko	2	..	38506i
43	4145	27.4	+ 4 16	8.5	*9.5*	Ko	4	..	24086b
44	3915	27.4	+ 2 21	8.9	*10.1*	K5	2	..	24086b
45	3769	27.4	− 0 14	10.5	*10.5*	Ao	3	..	24086b
46	5177	27.4	− 6 3	9.3	*10.3*	Ko	2	..	40847b
47	5443	27.4	−12 1	8.1	*9.1*	Ko	4	..	38065b
48	5664	27.4	−17 37	10.2	*11.2*	Ko	1	..	39347b
49	13337	27.4	−39 51	8.9	10.7	Ko	2	..	39652b
50	13577	27.4	−41 51	10.1	10.4	A5	1	..	39680b
51	13073	27.4	−46 34	9.7	10.9	G5	2	..	39681b
52	12563	27.4	−50 21	7.8	7.7	Ao	8	..	41414b
53	9217	27.4	−56 53	9.2	10.2	Ko	2	..	39381b
54	6091	27.4	−62 48	*9.2*	10.6	Ma	1	..	40422b
55	2440	27.5	+52 22	8.7	*9.0*	F2	2	..	37392i
56	3760	27.5	+40 18	8.0	*9.1*	K2	2	..	38561i
57	3487	27.5	+33 16	6.63	*6.69*	A2	..	2,8	56,97
58	3373	27.5	+28 30	8.2	*8.5*	Fo	4	..	38509i
59	3574	27.5	+26 46	7.7	*7.7*	B8	7	..	37829i
60	*3850*	27.5	+16 4	8.1	*8.1*	Ao	2	..	38808i
61	4139	27.5	+ 9 7	6.93	*6.93*	Ao	6	..	38506i
62	4119	27.5	+ 7 7	10.5	*10.5*	Ao	2	2,2	24086b
63	*3916*	27.5	+ 3 0	9.3	*9.8*	F8	6	..	24086b
64	4024	27.5	+ 1 40	8.9	*9.2*	Fo	7	..	24086b
65	4240	27.5	+ 0 34	10.5	*10.5*	Ao	2	..	24086b
66	3770	27.5	− 0 54	9.1	*9.1*	B8	4	..	24449b
67	5023	27.5	− 8 13	9.1	*10.3*	K5	1	..	38065b
68	5385	27.5	−15 44	9.6	*10.4*	G5	5	..	39347b
69	15948	27.5	−28 45	7.6	8.3	Ao	6	..	41403b
70	14311	27.5	−33 22	8.3	8.9	Fo	6	..	23725b
71	2251	27.6	+53 47	8.2	*8.7*	F8	3	..	37392i
72	4055	27.6	+ 3 5	9.8	*9.8*	Ao	2	..	24086b
73	5444	27.6	−12 50	10.0	*10.8*	G5	1	..	39482b
74	5461	27.6	−14 0	8.7	*9.2*	F8	5	..	39482b
75	5386	27.6	−15 13	7.90	*8.40*	F8	6	..	39482b
76	5352	27.6	−16 10	10.5	*10.6*	A5	2	..	39347b
77	5351	27.6	−16 50	8.1	*9.5*	Ma	6	..	39347b
78	5665	27.6	−17 17	9.1	*9.9*	G5	7	..	39347b
79	5412	27.6	−18 22	9.8	*10.6*	G5	3	..	39347b
80	14068	27.6	−27 15	9.6	10.9	Ko	2	..	41403b
81	13245	27.6	−37 45	8.6	9.2	G5	7	..	39652b
82	13581	27.6	−41 47	9.9	10.9	Go	1	..	39680b
83	7300	27.6	−60 41	*9.1*	9.9	G5	2	..	40422b
84	730	27.7	+77 42	8.5	*9.5*	Ko	2	2,2	37224i
85	*1353*	27.7	+65 4	9.00	*9.42*	F5	1	..	38067i
86	2705	27.7	+46 18	8.7	*8.7*	Ao	2	..	37349i
87	4142	27.7	+ 9 47	9.3	*10.7*	Mb	..	..	M
88	4141	27.7	+ 9 22	7.9	*8.2*	Fo	1	..	38506i
89	4181	27.7	+ 6 41	9.3	*9.3*	Ao	4	..	10123b
90	4148	27.7	+ 4 20	10.1	*10.1*	B9	2	..	24086b
91	4026	27.7	+ 1 54	8.9	*10.0*	K2	3	..	24086b
92	5413	27.7	−18 50	8.3	*8.4*	A5	8	..	39347b
93	..	27.7	−19 30	..	..	K2	2	..	39347b
94	..	27.7	−20 54	..	..	A5	1	..	39347b
95	14071	27.7	−27 23	9.3	10.0	Ko	2	..	41403b
96	15292	27.7	−32 39	8.9	9.2	F5	5	..	23725b
97	13414	27.7	−44 51	10.6	10.5	F8	2	..	39680b
98	13078	27.7	−46 45	10.3	11.2	G5	2	..	39681b
99	12735	27.7	−49 30	10.6	11.1	K2	1	..	39681b
100	9600	27.7	−53 20	8.3	9.4	K2	3	..	41414b

184100 — $19^h\ 27^m.7$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	6385	27.7	−61 9	8.8	10.2	K5	2	..	40422b
2	628	27.8	+79 24	6.00	*6.06*	A2	9	0,9	38512i
3	1066	27.8	+68 27	8.9	*8.9*	Ao	3	..	38067i
4	3267	27.8	+43 38	8.0	*9.2*	K5	1	..	37349i
5	3632	27.8	+38 12	7.52	*7.58*	A2	4	..	38520i
6	3588	27.8	+36 30	7.9	*8.5*	Go	2	R	38561i
7	3587	27.8	+34 16	8.2	*8.2*	Ao	3	..	37885i
8	4175	27.8	+20 44	6.80	*6.80*	Ao	6	*1,7*	39465i
9	4143	27.8	+ 9 16	8.3	*9.3*	Ko	3	..	10123b
10	4122	27.8	+ 7 41	7.9	*8.3*	F5	3	..	38506i
11	4149	27.8	+ 4 8	8.9	*9.3*	F5	7	..	24086b
12	4057	27.8	+ 3 48	9.1	*9.1*	Ao	8	..	24086b
13	3918	27.8	+ 2 28	9.8	*10.8*	Ko	2	..	24086b
14	3768	27.8	− 1 13	8.3	*8.8*	F8	7	..	24449b
15	5037	27.8	−11 36	8.7	*9.7*	Ko	4	..	38065b
16	*5387*	27.8	−14 58	9.41	*9.41*	Ao	4	..	39482b
17	5666	27.8	−17 3	9.3	*10.4*	K2	1	..	39347b
18	5415	27.8	−18 40	10.0	*11.1*	K2	2	..	39347b
19	5414	27.8	−18 50	10.5	*10.6*	A5	3	..	39347b
20	5601	27.8	−20 43	10.5	10.1	Ao	3	..	39347b
21	15409	27.8	−24 29	9.8	10.3	Ko	1	..	19904b
22	14074	27.8	−27 3	11.0	10.3	F5	3	..	40459b
23	13770	27.8	−34 32	10.6	10.4	Ao	2	..	39396b
24	13572	27.8	−35 55	9.3	10.4	K2	1	..	39652b
25	13606	27.8	−36 28	9.2	9.8	Go	2	..	39652b
26	13080	27.8	−46 34	9.7	9.3	Ao	7	..	39681b
27	13161	27.8	−48 19	5.02	7.3	Ko	..	R	**28**,214
28	3643	27.9	+31 39	8.2	*9.6*	Mb	..	..	M
29	3611	27.9	+30 7	8.71	*8.71*	Ao	2	..	38509i
30	3882	27.9	+11 49	8.0	*8.3*	F2	2	..	38506i
31	3944	27.9	+10 10	8.72	*9.72*	Ko	1	..	38506i
32	*4182*	27.9	+ 6 3	8.9	*9.9*	Ko	2	..	10123b
33	4181	27.9	+ 5 48	8.9	*9.9*	Ko	3	..	10123b
34	5462	27.9	−14 41	8.9	*10.0*	K2	2	..	39482b
35	5503	27.9	−19 5	8.7	8.6	Go	6	..	39347b
36	5504	27.9	−19 49	10.7	10.4	F8	2	..	39347b
37	*5603*	27.9	−19 56	9.28	8.9	Ao	6	..	39347b
38	14159	27.9	−25 56	9.3	10.9	Ko	1	..	41403b
39	16291	27.9	−29 23	9.6	10.4	G5	1	..	40459b
40	17162	27.9	−30 15	10.1	9.9	F8	2	..	41403b
41	13607	27.9	−36 16	8.9	8.9	B9	4	..	39652b
42	13583	27.9	−41 22	7.9	7.6	A3	7	..	39680b
43	14313	27.9	−42 43	9.7	10.4	G5	2	..	39680b
44	12978	27.9	−47 52	8.7	9.3	F5	7	..	39681b
45	2404	27.9	−72 1	*8.6*	8.6	Ao	6	..	42526b
46	552	28.0	+83 16	6.34	*6.40*	A2	10	..	37294i
47	2707	28.0	+46 9	6.87	*6.87*	Ao	7	..	37349i
48	3372	28.0	+42 46	7.20	*8.20*	Ko	5	..	37349i
49	*3613*	28.0	+31 0	8.1	*9.1*	K	1	..	37885i
50	3628	28.0	+29 59	7.71	*8.78*	K2	2	..	38509i
51	3864	28.0	+25 23	6.90	*7.24*	F2	7	..	37829i
52	4124	28.0	+ 7 11	9.1	*9.7*	Go	3	5,2	10123b
53	4184	28.0	+ 5 32	8.7	*9.2*	F8	5	..	10123b
54	4058	28.0	+ 3 15	9.5	*10.6*	K2	2	..	24086b
55	3920	28.0	+ 2 23	9.5	*9.5*	Ao	3	..	24086b
56	3921	28.0	+ 2 14	9.5	*9.5*	Ao	4	..	24086b
57	4984	28.0	− 7 21	9.3	*9.8*	F8	3	..	38065b
58	5111	28.0	−10 16	9.3	*9.3*	Ao	3	..	38065b
59	5039	28.0	−11 46	9.8	*10.1*	F2	2	..	39482b
60	5395	28.0	−13 23	9.2	*10.2*	Ko	2	..	39482b
61	5668	28.0	−17 13	10.0	*11.0*	Ko	2	..	39347b
62	15540	28.0	−23 30	10.1	9.8	F5	1	..	19904b
63	14075	28.0	−27 54	10.3	10.0	A3	2	..	40459b
64	13416	28.0	−44 44	11.6	11.1	A2	2	..	39680b
65	*12567*	28.0	−49 59	11.6	10.5	K2	2	..	39681b
66	12568	28.0	−50 21	8.3	9.6	K2	3	..	41414b
67	9220	28.0	−56 1	8.6	9.4	Fo	5	..	39381b
68	1959	28.1	+60 28	7.51	*8.58*	K2	3	..	37970i
69	1925	28.1	+58 24	8.5	*8.8*	F2	3	..	37970i
70	2211	28.1	+55 13	6.84	*7.84*	Ko	6	0,3	38889i
71	3590	28.1	+34 14	4.85	*4.68*	B3	..	..	**56**,97
72	*3421*	28.1	+28 4	8.0	*8.0*	Ao	5	..	38509i
73	3727	28.1	+22 21	8.4	*9.2*	G5	2	..	37829i
74	4145	28.1	+ 9 41	8.1	*8.9*	G5	3	5,1	10123b
75	4134	28.1	+ 8 18	9.1	*9.2*	A5	4	..	10123b
76	4185	28.1	+ 5 52	8.7	*9.8*	K2	3	..	10123b
77	4151	28.1	+ 4 15	9.1	*9.6*	F8	3	..	24086b
78	4059	28.1	+ 3 21	9.1	*9.6*	F8	6	..	24086b
79	*4027*	28.1	+ 2 3	9.0	*9.0*	B9	6	..	24086b
80	3769	28.1	− 1 3	8.4	*8.4*	B9	7	..	24449b
81	*5003*	28.1	− 4 56	8.35	*9.53*	K5	1	..	17051b
82	5179	28.1	− 6 51	9.3	*9.7*	F5	2	..	38065b
83	5112	28.1	−10 41	9.3	*10.4*	K2	1	..	38065b
84	5669	28.1	−17 54	9.3	*9.9*	Go	3	..	39347b
85	5435	28.1	−21 9	9.3	10.4	Mb	1	..	39347b
86	17165	28.1	−30 10	9.3	9.2	Ao	5	..	41403b
87	13248	28.1	−37 32	8.9	10.1	Ko	4	..	39652b
88	13250	28.1	−37 46	9.9	10.1	A5	2	..	39652b
89	13557	28.1	−38 18	8.9	10.9	Ko	3	..	39652b
90	13365	28.1	−40 0	9.9	10.7	Ao	3	..	39652b
91	12740	28.1	−49 29	10.1	9.9	A2	3	..	39681b
92	9602	28.1	−53 14	7.0	8.1	Mb	..	0,7	**56**,144
93	9431	28.1	−57 0	9.2	10.0	G5	3	..	39381b
94	924	28.1	−80 19	*7.8*	9.2	Ma	3	..	14161b
95	2250	28.2	+56 26	6.78	*6.78*	Ao	8	..	37970i
96	3459	28.2	+32 26	8.2	*9.0*	G5	2	..	37885i
97	3629	28.2	+29 35	9.0	*9.0*	Ao	2	..	38509i
98	*3728*	28.2	+23 2	8.1	*8.7*	Go	3	..	37829i
99	4137	28.2	+ 8 24	9.1	*9.2*	A2	1	..	38506i
100	4186	28.2	+ 5 32	7.9	*8.9*	Ko	5	..	10123b

184200 — $19^h\ 28^m.2$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4152	28.2	+ 4 49	6.82	*8.17*	Mb	2	5,7	37965i
2	4060	28.2	+ 3 44	9.5	*9.5*	Ao	6	..	24086b
3	4061	28.2	+ 3 28	9.8	*9.8*	B9	2	..	24086b
4	4242	28.2	+ 0 21	9.5	*9.6*	A2	3	R	24086b
5	5040	28.2	−11 49	9.6	*9.7*	A2	4	..	39482b
6	5449	28.2	−12 14	9.6	*10.4*	G5	1	..	39482b
7	5390	28.2	−15 19	10.6	*11.0*	F5	1	..	39347b
8	5356	28.2	−16 3	8.1	*9.1*	Ko	7	..	39347b
9	5437	28.2	−21 46	9.3	9.5	G5	1	..	19904b
10	5154	28.2	−22 20	9.1	9.8	K2	1	..	19904b
11	14079	28.2	−27 9	10.5	10.3	Fo	3	..	40459b
12	14080	28.2	−27 22	8.6	9.1	Ko	3	..	41403b
13	13586	28.2	−41 38	7.9	8.6	Fo	6	..	39680b
14	13312	28.2	−45 43	9.0	9.6	G5	5	..	39681b
15	2905	28.3	+48 22	7.23	*7.18*	B8	7	..	37392i
16	2708	28.3	+46 53	9.0	*9.3*	F	2	..	37349i
17	3495	28.3	+37 49	8.0	*8.0*	Ao	3	..	38561i
18	3425	28.3	+27 42	8.8	*8.9*	A3	2	..	38509i
19	4146	28.3	+ 9 46	8.3	*8.3*	Ao	2	..	38506i
20	4063	28.3	+ 3 24	9.3	*9.3*	Ao	6	..	24086b
21	4243	28.3	+ 0 14	9.18	*10.25*	K2	3	..	24086b
22	5005	28.3	− 5 43	9.6	*10.2*	Go	2	..	38065b
23	5357	28.3	−16 30	8.1	*8.9*	G5	5	..	39347b
24	*5416*	28.3	−17 55	10.5	*11.5*	Ko	1	..	39347b
25	5505	28.3	−19 47	8.23	9.0	Ko	5	..	39347b
26	15546	28.3	−23 33	8.8	8.0	Ao	6	..	19904b
27	15416	28.3	−24 15	9.6	9.4	F2	2	..	19904b
28	15415	28.3	−24 51	8.75	9.1	A2	6	..	19904b
29	14082	28.3	−27 23	9.4	9.1	Go	3	..	41403b
30	13574	28.3	−35 42	9.2	9.9	F5	3	..	39652b
31	*13610*	28.3	−35 59	8.9	9.5	G5	3	..	39652b
32	13561	28.3	−38 21	9.5	11.4	Ko	2	..	39652b
33	13562	28.3	−38 41	8.9	10.7	Ko	3	..	39652b
34	14320	28.3	−42 24	8.9	8.6	F8	5	..	39680b
35	2674	28.3	−70 4	9.14	9.0	A2	5	..	20541b
36	1534	28.3	−75 50	*9.2*	9.5	F2	3	..	42793b
37	1533	28.3	−75 51	*9.2*	9.8	Go	3	..	42793b
38	1722	28.4	+62 21	8.1	*8.1*	Ao	3	..	37970i
39	2252	28.4	+56 59	8.1	*9.3*	K5	2	..	38889i
40	2213	28.4	+55 56	6.62	*6.62*	Ao	8	..	37970i
41	3033	28.4	+49 59	7.62	*8.62*	Ko	3	..	37392i
42	2854	28.4	+47 17	7.18	*7.26*	A3	6	..	37349i
43	4137a	28.4	+ 8 47	9.5	*9.5*	Ao	3	..	10123b
44	4127	28.4	+ 7 34	7.56	*7.56*	Ao	5	..	38506i
45	3923	28.4	+ 2 14	10.5	*10.5*	Ao	1	..	24086b
46	3773	28.4	− 0 22	9.8	*9.9*	A2	3	..	24086b
47	4842	28.4	− 4 23	9.3	*9.3*	Ao	3	..	38065b
48	*5006*	28.4	− 4 57	7.81	*8.88*	K2	3	..	17051b
49	5452	28.4	−12 0	9.3	*10.1*	G5	2	..	39482b
50	5397	28.4	−13 11	9.2	*9.3*	A2	5	..	39482b
51	5393	28.4	−15 26	10.0	*10.5*	F8	2	..	39347b
52	5671	28.4	−17 11	9.3	*10.3*	Ko	2	..	39347b
53	5672	28.4	−17 32	9.3	*10.3*	Ko	5	..	39347b
54	5417	28.4	−18 7	9.1	*9.7*	Go	5	..	39347b
55	5608	28.4	−20 14	8.9	8.9	Ao	6	..	39347b
56	5438	28.4	−21 11	10.0	9.8	A3	2	..	39347b
57	16302	28.4	−29 3	9.3	9.8	Go	2	..	40459b
58	14318	28.4	−33 1	7.9	8.9	Ko	6	..	23725b
59	13779	28.4	−34 23	10.3	10.7	Mb	1	..	39396b
60	12985	28.4	−47 5	9.9	9.9	Fo	4	..	39681b
61	9222	28.4	−56 50	*10.2*	10.8	Go	1	..	39381b
62	3810	28.4	−65 31	*9.1*	10.1	Ko	2	..	40422b
63	4028	28.5	+ 1 47	8.6	*9.6*	Ko	2	..	24086b
64	3774	28.5	− 0 29	8.5	*8.6*	A5	8	..	24086b
65	5394	28.5	−15 26	9.8	*11.0*	K5	1	..	39347b
66	5359	28.5	−16 31	7.58	*8.14*	Go	8	..	39347b
67	15548	28.5	−23 25	9.6	10.1	G5	1	..	19904b
68	15421	28.5	−24 5	6.67	8.2	K5	7	..	19904b
69	16303	28.5	−29 3	9.0	9.2	F2	3	..	40459b
70	13421	28.5	−44 52	10.6	11.5	Mb	..	..	M
71	R	28.5	−58 8	..	..	K2	1	..	39381b
72	3269	28.5	−68 42	*10.3*	10.4	A3	1	..	20541b
73	1156	28.6	+67 26	7.70	*8.48*	G5	5	0,5	38067i
74	2254	28.6	+53 51	8.7	*8.7*	Ao	2	..	37392i
75	3819	28.6	+21 15	7.9	*9.0*	K2	1	2,1	39465i
76	3953	28.6	+10 34	8.9	*8.9*	Ao	6	0,2	10123b
77	4140	28.6	+ 8 37	8.6	*8.6*	Ao	2	..	38506i
78	4188	28.6	+ 6 44	10.5	*10.6*	A2	3	2,2	10123b
79	4065	28.6	+ 3 34	6.78	*6.66*	B5	5	..	37965i
80	4989	28.6	− 7 52	9.3	*10.3*	Ko	2	..	38065i
81	5396	28.6	−15 2	9.50	*10.68*	K5	2	..	39347b
82	5361	28.6	−16 2	9.3	*9.8*	F8	4	..	39347b
83	5360	28.6	−16 35	var.	var.	Nb	2	R	39347b
84	14321	28.6	−33 43	8.9	9.8	Ko	3	..	39396b
85	13341	28.6	−39 17	8.6	11.2	K2	1	..	39652b
86	13372	28.6	−40 5	8.42	9.2	G5	5	..	39652b
87	13588	28.6	−41 20	7.3	8.0	Ko	7	..	39680b
88	13316	28.6	−45 22	9.7	9.6	Fo	5	..	39681b
89	13089	28.6	−46 32	9.5	9.6	A5	6	..	39681b
90	12987	28.6	−47 25	9.9	10.5	F5	3	..	39681b
91	2408	28.6	−72 33	*8.9*	10.0	K2	1	..	42526b
92	863	28.7	+73 9	7.65	*7.99*	F2	5	..	37224i
93	*3034*	28.7	+50 6	5.73	*6.73*	Ko	6	..	37392i
94	*3596*	28.7	+35 0	7.87	*7.87*	Ao	3	..	37885i
95	*3496*	28.7	+34 5	8.4	*9.0*	Go	2	..	37885i
96	4178	28.7	+20 48	7.8	*7.8*	Ao	4	..	37829i
97	*34128*	28.7	+ 8 1	7.7	*8.7*	Ko	2	..	38506i
98	3777	28.7	− 0 37	9.5	*9.5*	Ao	2	..	24449b
99	5115	28.7	−10 36	8.8	*9.3*	F8	5	..	38065b
100	5397	28.7	−15 17	9.3	*10.5*	K5	3	..	39347b

184300 — 19h 28m.7

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	15550	28.7	−23 13	9.8	9.0	Ao	2	..	19904b
2	15422	28.7	−24 43	9.3	8.9	B9	6	..	19904b
3	16845	28.7	−31 50	7.34	8.0	A2	8	..	23725b
4	13255	28.7	−37 25	10.6	10.4	A2	1	..	39652b
5	13564	28.7	−38 17	9.0	10.8	A3	6	..	39652b
6	13342	28.7	−39 24	10.1	10.8	F8	1	..	39652b
7	9223	28.7	−56 36	*9.8*	10.2	F5	3	..	39381b
8	3659	28.7	−67 51	*9.0*	9.0	Ao	5	..	20541b
9	2675	28.7	−70 36	*9.0*	9.8	G5	4	..	20541b
10	927	28.7	−80 52	*9.0*	9.8	G5	2	..	42793b
11	666	28.8	+81 36	8.00	*9.18*	K5	2	..	37294i
12	2214	28.8	+55 23	8.5	*9.6*	K2	1	..	38889i
13	4190	28.8	+ 5 15	6.73	*8.08*	Mb	5	0,7-	37965i
14	4154	28.8	+ 4 21	9.1	*10.3*	K5	2	..	24086b
15	5028	28.8	− 8 48	9.3	*10.1*	G5	3	..	40847b
16	5454	28.8	−12 10	10.5	*11.0*	F8	1	..	39482b
17	5399	28.8	−13 8	7.50	*8.06*	Go	8	..	39482b
18	5398	28.8	−15 14	10.5	*11.0*	F8	2	..	39347b
19	5673	28.8	−17 15	9.3	*9.6*	F2	4	..	39347b
20	5419	28.8	−18 23	9.2	*10.2*	Ko	2	..	39347b
21	5156	28.8	−22 13	8.5	9.2	F8	3	..	19904b
22	15970	28.8	−28 15	9.6	9.4	A2	3	..	40459b
23	13462	28.8	−43 41	9.5	10.9	F5	2	..	39680b
24	13171	28.8	−48 8	9.1	9.3	A2	7	..	39681b
25	9226	28.8	−56 18	8.3	9.0	Fo	6	..	39381b
26	9227	28.8	−56 43	*9.7*	10.5	G5	1	..	39381b
27	3442	28.8	−66 8	*7.3*	7.3	Ao	10	..	20541b
28	732	28.9	+77 56	8.3	*9.4*	K2	1	..	37266i
29	738	28.9	+76 23	10.0	*10.8*	G5	1	..	6443m
30	1157	28.9	+67 59	8.1	*8.1*	Ao	4	E	37333i
31	1928	28.9	+58 39	8.7	*9.0*	Fo	2	..	37970i
32	..	28.9	+48 53	..	..	K	1	..	37392i
33	2907	28.9	+48 14	8.7	*8.8*	A2	2	..	37392i
34	3803	28.9	+39 6	8.5	*8.8*	F2	2	..	38561i
35	3598	28.9	+34 7	9.1	*9.7*	Go	2	..	37885i
36	4129	28.9	+ 7 37	7.82	*7.82*	Ao	4	..	10123b
37	4189	28.9	+ 6 23	8.5	*9.5*	Ko	3	..	10123b
38	4990	28.9	− 7 23	9.3	*9.8*	F8	2	..	38065b
39	5044	28.9	−11 30	8.8	*9.3*	F8	5	..	38065b
40	5400	28.9	−13 30	9.3	*9.9*	Go	3	..	39482b
41	5399	28.9	−15 4	10.5	*11.3*	G5	1	..	39347b
42	5420	28.9	−18 19	8.9	*8.9*	Ao	7	..	39347b
43	15553	28.9	−23 35	10.1	9.2	A5	2	..	19904b
44	13787	28.9	−34 13	10.3	10.1	Fo	2	..	39396b
45	13258	28.9	−37 16	10.8	10.4	Ko	1	..	39652b
46	13377	28.9	−40 43	8.3	9.2	F8	5	..	39652b
47	13590	28.9	−41 39	9.9	11.2	K5	1	..	39680b
48	13464	28.9	−43 44	9.2	10.5	Go	2	..	39680b
49	13090	28.9	−46 22	7.19	8.4	K5	8	..	39681b
50	13091	28.9	−46 27	9.9	10.5	G5	3	..	39681b
51	13172	28.9	−48 38	11.6	11.6	Ma	..	..	M
52	9129	28.9	−55 18	8.8	9.0	A3	4	..	39381b
53	9435	28.9	−57 8	*10.1*	10.5	F5	1	..	39381b
54	7625	28.9	−58 2	*10.2*	10.8	Go	1	..	39381b
55	6092	28.9	−62 22	*10.0*	10.5	F8	2	..	40422b
56	3998	28.9	−64 8	*7.9*	9.0	K2	7	..	40422b
57	3997	28.9	−64 21	*8.7*	9.3	Go	5	..	40422b
58	3034	28.9	−69 34	*7.5*	8.6	K2	8	..	20541b
59	3035	28.9	−69 50	6.92	8.3	Ko	9	..	20541b
60	4179	29.0	+20 12	7.20	*7.28*	A3	4	0,5	39465i
61	4149	29.0	+ 9 56	8.52	*8.52*	Ao	5	0,1	10123b
62	4130	29.0	+ 7 43	7.30	*7.30*	Ao	3	..	38506i
63	4192	29.0	+ 5 56	8.0	*8.8*	G5	5	..	10123b
64	4191	29.0	+ 5 34	9.3	*9.4*	A5	4	R	24086b
65	5116	29.0	−10 31	9.6	*10.4*	G5	1	..	38065b
66	5456	29.0	−12 21	8.3	*9.4*	K2	4	..	39482b
67	..	29.0	−13 44	..	..	A2	2	..	39482b
68	5610	29.0	−20 24	10.0	10.1	A3	2	..	39347b
69	15429	29.0	−24 35	9.4	10.0	G5	1	..	19904b
70	14092	29.0	−27 41	9.4	9.4	F8	3	..	40459b
71	17184	29.0	−30 48	8.1	9.2	Fo	4	..	40459b
72	16851	29.0	−31 35	10.3	10.7	A2	1	..	39396b
73	*13789*	29.0	−33 59	9.7	9.9	F2	3	..	39396b
74	13259	29.0	−37 12	10.6	9.6	Go	3	..	39652b
75	13567	29.0	−38 34	9.9	*11.3*	Ma	1	..	39652b
76	*9132*	29.0	−54 58	8.04	9.6	K2	4	..	39381b
77	9131	29.0	−55 35	*10.0*	11.1	K2	1	..	39381b
78	7626	29.0	−58 39	*9.4*	10.2	G5	1	..	39381b
79	6093	29.0	−62 5	*10.7*	10.8	A3	1	..	40422b
80	3776	29.1	+40 55	8.5	*8.5*	Ao	2	..	38561i
81	*3622*	29.1	+31 2	6.74	*7.08*	F2	7	..	37885i
82	3378	29.1	+28 38	9.0	*9.0*	A	1	..	38509i
83	3379	29.1	+28 19	9.1	*9.1*	A	1	..	38509i
84	3428	29.1	+27 11	8.5	*8.9*	F5	3	..	37829i
85	3822	29.1	+21 38	6.88	*7.66*	G5	5	..	37235i
86	4030	29.1	+ 1 35	10.1	*10.1*	B9	3	..	24086b
87	*3773*	29.1	− 0 57	9.5	*9.5*	Ao	3	..	24449b
88	4991	29.1	− 7 0	8.7	*9.7*	Ko	2	..	38065b
89	5031	29.1	− 8 42	9.3	*9.7*	F5	3	..	40847b
90	5362	29.1	−16 44	10.5	*10.6*	A2	3	..	39347b
91	*5511*	29.1	−18 58	8.5	8.7	Ko	7	..	39347b
92	14171	29.1	−25 21	9.3	9.4	Go	3	..	19904b
93	12168	29.1	−51 18	9.1	9.9	Go	2	..	41414b
94	4533	29.1	−63 13	*9.5*	10.1	Go	2	..	40422b
95	3443	29.1	−66 47	*8.5*	9.6	K2	3	..	20541b
96	895	29.2	+72 17	7.69	*8.69*	Ko	3	..	37224i
97	*2216*	29.2	+56 2	8.8	*9.3*	F8	3	..	38807i
98	2215	29.2	+55 31	6.52	*7.59*	K2	5	R	38807i
99		29.2	+55 31			A3			
100	2909	29.2	+48 21	8.5	*8.9*	F5	1	..	37392i

184400 — 19h 29m.2

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3169	29.2	+45 6	8.87	9.37	F8	1	..	37349i
2	3430	29.2	+27 32	8.6	8.6	Ao	2	..	38509i
3	3684	29.2	+23 17	8.0	8.6	Go	4	..	37829i
4	4151	29.2	+ 9 21	9.3	9.4	A2	3	..	10123b
5	4144	29.2	+ 8 58	8.3	9.3	Ko	1	..	38506i
6	4132	29.2	+ 7 10	4.65	5.65	Ko	..	0,8 R	56,97
7	4191	29.2	+ 6 16	9.1	9.1	Ao	3	..	10123b
8	4067	29.2	+ 3 58	10.1	11.1	Ko	1	..	24086b
9	4248	29.2	+ 0 8	8.28	8.70	F5	8	..	24086b
10	4843	29.2	− 4 40	9.03	9.11	A3	2	..	17051b
11	4993	29.2	− 7 48	9.3	9.8	F8	2	..	38065b
12	5118	29.2	−10 33	9.3	9.4	A2	3	..	38065b
13	5363	29.2	−16 20	9.6	10.7	K2	2	..	39347b
14	5675	29.2	−16 55	10.5	11.6	K2	1	..	39347b
15	5422	29.2	−18 47	9.6	10.6	Ko	4	..	39347b
16	5612	29.2	−20 23	10.2	10.1	A2	4	..	39347b
17	16854	29.2	−31 34	10.3	11.0	Ko	1	..	39396b
18	14327	29.2	−33 20	8.6	9.2	G5	5	..	39396b
19	13794	29.2	−34 44	7.9	9.2	Ko	5	..	39396b
20	12576	29.2	−50 1	8.32	9.3	K2	3	..	41414b
21	9418	29.2	−54 23	7.7	8.4	G5	6	..	41414b
22	6388	29.2	−61 9	8.5	9.1	Fo	5	..	40422b
23	2169	29.3	+55 3	6.92	7.99	K2	4	0,2	38887i
24	2450	29.3	+52 47	8.2	8.8	Go	2	..	37392i
25	3469	29.3	+32 41	8.0	8.0	Ao	3	..	37885i
26	3893	29.3	+16 39	9.0	10.4	Ma	..	..	M
27	4155	29.3	+ 4 46	10.5	10.5	B9	2	..	24086b
28	3926	29.3	+ 2 30	10.1	11.3	K5	2	..	24086b
29	3779	29.3	− 0 34	8.7	9.1	F5	4	..	24449b
30	3774	29.3	− 1 41	9.0	9.1	A2	2	..	17051b
31	5048	29.3	−11 23	8.6	9.7	K2	2	..	38065b
32	5466	29.3	−14 50	9.64	10.42	G5	2	..	39482b
33	..	29.3	−16 59	..	..	G5	1	..	39347b
34	14322	29.3	−26 37	10.3	10.3	Go	3	..	40459b
35	14100	29.3	−26 59	9.8	10.3	F5	2	..	41403b
36	14098	29.3	−27 41	10.8	9.4	Ao	4	..	40459b
37	15326	29.3	−32 31	8.6	9.2	Ao	5	..	23725b
38	14330	29.3	−33 3	7.7	9.2	K5	6	..	39396b
39	13265	29.3	−37 2	7.29	8.0	A3	7	..	39652b
40	13570	29.3	−38 37	10.6	11.3	F8	1	..	39652b
41	13380	29.3	−40 17	10.8	11.2	Ko	1	..	39652b
42	13431	29.3	−44 24	9.3	10.5	Ko	3	..	39680b
43	12992	29.3	−47 6	8.1	9.1	G5	6	..	39681b
44	6094	29.3	−62 1	9.5	9.6	A2	5	..	40422b
45	6095	29.3	−62 16	10.0	11.2	K5	2	..	40422b
46	4534	29.3	−63 19	10.3	10.4	A2	2	..	40422b
47	2808	29.4	+50 32	8.6	10.0	Ma	..	..	M
48	3038	29.4	+49 58	8.07	8.57	F8	2	..	37392i
49	3277	29.4	+43 14	8.9	8.9	Ao	3	..	37349i
50	3894	29.4	+16 34	7.9	7.9	A	2	E	37235i
51	4133	29.4	+ 7 35	6.92	6.92	Ao	4	..	38506i
52	4068	29.4	+ 3 46	10.1	10.6	F8	1	..	24086b
53	4069	29.4	+ 3 30	10.1	10.2	A2	4	..	24086b
54	5467	29.4	−14 0	10.0	11.0	Ko	1	..	39482b
55	5513	29.4	−19 47	8.93	9.2	G5	5	..	39347b
56	5614	29.4	−20 0	8.98	10.1	K2	3	..	39347b
57	15435	29.4	−24 46	9.3	9.7	Ko	1	..	19904b
58	14176	29.4	−25 42	9.8	10.3	A2	4	..	40459b
59	14101	29.4	−27 51	9.4	8.8	Ao	6	..	40459b
60	16324	29.4	−29 38	9.1	9.5	Fo	3	..	40459b
61	17187	29.4	−30 12	9.8	9.8	Fo	2	..	40459b
62	14333	29.4	−33 36	9.7	11.0	K2	1	..	39396b
63	7302	29.4	−60 26	9.2	10.8	K5	1	..	39381b
64	7303	29.4	−60 38	8.5	9.4	K2	5	..	40422b
65	170	29.4	−88 24	9.2	9.2	Ao	7	..	22980b
66	826	29.5	+74 49	10.3	10.8	F8	2	..	6443m
67	1929	29.5	+58 24	6.70	7.70	Ko	8	..	37970i
68	2452	29.5	+52 46	8.5	8.5	Ao	3	..	37392i
69	3809	29.5	+39 27	7.8	7.8	B9	6	..	38561i
70	3499	29.5	+33 16	8.2	8.7	F8	3	..	37885i
71	3471	29.5	+32 22	8.8	9.1	F	2	..	37885i
72	3863	29.5	+15 10	8.49	8.91	F5	2	..	38808i
73	4156	29.5	+ 4 30	10.5	10.5	B9	3	..	24086b
74	4035	29.5	+ 1 16	8.5	8.5	Ao	7	..	24086b
75	5187	29.5	− 6 40	10.0	10.0	Ao	2	..	40847b
76	4995	29.5	− 7 23	10.0	10.0	B9	3	..	40847b
77	5676	29.5	−16 55	10.5	10.9	F5	3	..	39347b
78	15329	29.5	−32 56	10.6	10.4	Ao	2	..	39396b
79	13620	29.5	−36 21	8.3	9.5	Go	3	..	39652b
80	3444	29.5	−66 17	8.5	9.5	Ko	4	..	20541b
81	1211	29.6	+66 18	8.7	9.5	G5	2	..	38067i
82	3170	29.6	+44 40	8.19	8.17	B9	3	..	37349i
83	3279	29.6	+43 13	8.5	9.9	Ma	2	..	37349i
84	3500	29.6	+33 52	8.4	8.4	Ao	3	..	37885i
85	3689	29.6	+23 57	8.2	9.0	G5	2	..	37829i
86	4145	29.6	+ 8 11	9.1	9.6	F8	3	..	10123b
87	4195	29.6	+ 6 14	8.9	8.9	Ao	4	..	10123b
88	..	29.6	+ 5 29	Neb.	Neb.	P	..	R	M
89	4157	29.6	+ 4 21	10.5	11.7	K5	1	..	24086b
90	5189	29.6	− 6 52	10.2	10.3	A5	2	..	40847b
91	4996	29.6	− 7 43	9.6	10.7	K2	1	..	40847b
92	5122	29.6	−10 47	5.24	6.02	G5	..	5,7	56,144
93	5365	29.6	−16 42	10.5	11.7	K5	1	..	39347b
94	15560	29.6	−23 32	7.86	7.9	A5	8	..	19904b
95	13347	29.6	−39 28	9.9	10.9	Ko	1	..	39652b
96	13179	29.6	−48 51	9.7	10.8	Ko	3	..	39681b
97	..	29.6	−63 17	..	..	Ma	1	..	40422b
98	2716	29.7	+46 6	8.3	9.3	Ko	2	..	37349i
99	3474	29.7	+32 59	6.61	7.17	Go	..	0,7	56,97
100	3629	29.7	+30 7	8.81	8.87	A2	2	..	38509i

184500 — 19h 29m.7

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3827	29.7	+21 48	8.2	*8.2*	Ao	3	..	37235i
2	*3866*	29.7	+16 3	6.81	*6.64*	B3	6	5,6	38808i
3	3964	29.7	+10 30	8.6	*8.6*	Ao	2	..	38506i
4	*5468*	29.7	−13 57	10.0	*11.0*	Ko	1	..	39482b
5	5678	29.7	−17 38	10.5	*11.1*	Go	3	..	39347b
6	5425	29.7	−18 4	10.5	*10.6*	A3	4	..	39347b
7	5424	29.7	−18 46	10.6	*10.6*	A	2	..	39347b
8	5514	29.7	−19 41	10.0	9.8	Ao	4	..	39347b
9	5444	29.7	−21 0	6.73	7.5	Go	..	..	56,144
10	5160	29.7	−22 23	8.5	8.7	Ao	5	..	19904b
11	14177	29.7	−25 18	10.5	10.6	F5	2	..	40459b
12	14330	29.7	−26 31	8.8	9.1	F5	5	..	19904b
13	15988	29.7	−28 55	8.8	8.5	Ao	6	..	40459b
14	13799	29.7	−34 52	8.3	8.9	Go	6	..	39396b
15	13622	29.7	−36 41	8.3	9.0	A3	4	..	39652b
16	13327	29.7	−45 4	10.6	10.8	Go	2	..	39680b
17	9438	29.7	−57 19	8.3	9.4	Ko	4	..	39381b
18	9439	29.7	−57 38	*9.2*	10.2	Ko	2	..	39381b
19	4535	29.7	−63 7	*7.8*	8.1	Fo	8	..	40422b
20	3662	29.7	−67 41	*9.1*	9.9	G5	3	..	20541b
21	3391	29.8	+41 16	8.6	*8.9*	F2	2	..	38561i
22	3678	29.8	+35 49	7.9	*8.0*	A3	4	..	37885i
23	3475	29.8	+32 17	8.1	*9.1*	K	1	..	37885i
24	3387a	29.8	+28 6	var.	var.	Mc	..	R	M
25	*3965*	29.8	+11 3	7.9	*8.5*	Go	2	..	38506i
26	4147	29.8	+ 8 53	9.5	*10.6*	K2	1	..	10123b
27	*4198*	29.8	+ 6 1	8.1	*8.1*	Ao	3	E	38506i
28	*4249*	29.8	+ 1 3	9.3	*9.3*	Ao	4	..	24086b
29	3781	29.8	− 0 29	9.5	*9.5*	Ao	2	..	24449b
30	5426	29.8	−18 46	10.0	*10.0*	B9	5	..	39347b
31	*5616*	29.8	−19 59	9.18	11.2	Ko	2	..	39347b
32	15441	29.8	−24 35	9.3	9.1	F8	3	..	19904b
33	15990	29.8	−28 54	7.5	7.6	Ao	9	..	40459b
34	15334	29.8	−32 8	9.3	10.7	Ko	1	..	39396b
35	13576	29.8	−38 4	10.3	11.4	A5	2	..	39652b
36	12999	29.8	−47 2	10.6	10.5	F5	2	..	39681b
37	3875	29.9	+25 51	6.92	*6.98*	A2	6	..	37829i
38	3876	29.9	+25 36	7.56	*8.56*	Ko	2	..	37829i
39	3780	29.9	+24 23	9.0	*9.1*	A2	3	..	37829i
40	3893	29.9	+11 42	8.0	*8.0*	Ao	3	..	38506i
41	3967	29.9	+10 44	7.00	*8.00*	Ko	5	..	38506i
42	4199	29.9	+ 6 56	9.0	*10.1*	K2	2	..	10123b
43	4200	29.9	+ 6 54	9.3	*9.3*	Ao	4	..	10123b
44	4198	29.9	+ 6 38	8.9	*10.0*	K2	2	..	10123b
45	4158	29.9	+ 4 58	8.30	*8.38*	A3	6	..	10123b
46	4251	29.9	+ 0 25	9.0	*9.8*	G5	5	..	24086b
47	4846	29.9	− 4 31	8.22	*8.22*	Ao	5	..	17051b
48	5037	29.9	− 8 0	10.0	*11.1*	K2	1	..	40847b
49	5036	29.9	− 8 18	9.6	*9.6*	Ao	3	..	40847b
50	5050	29.9	−11 0	9.1	*9.9*	G5	2	..	38065b
51	5445	29.9	−21 20	9.6	10.4	K5	2	..	39347b
52	15442	29.9	−24 56	5.68	*5.76*	A3p	..	R	28,214
53	14337	29.9	−26 8	8.0	8.5	F2	9	..	19904b
54	15335	29.9	−32 3	7.9	9.2	Ko	5	..	39396b
55	*14339*	29.9	−41 57	9.9	10.4	F5	1	..	39680b
56	14338	29.9	−42 29	8.9	8.0	Ao	7	..	39680b
57	13097	29.9	−46 33	8.9	9.0	G5	7	..	39681b
58	13098	29.9	−46 33	9.1	9.0	A3	8	..	39681b
59	13000	29.9	−47 45	8.4	9.4	Ko	6	..	39681b
60	12752	29.9	−49 3	10.3	10.5	G5	3	..	39681b
61	2438	29.9	−71 42	9.13	9.5	F8	3	..	42526b
62	1531	30.0	+63 6	8.0	*8.0*	Ao	6	..	38067i
63	1533	30.0	+63 6	7.40	*8.40*	Ko	1	..	38067i
64	3377	30.0	+42 35	7.9	*8.9*	Ko	2	5,3	38561i
65	3392	30.0	+41 7	8.1	*9.1*	Ko	2	..	38561i
66	4007	30.0	+17 46	8.4	*8.5*	A5	2	E	37235i
67	3868	30.0	+15 16	8.39	*9.46*	K2	1	..	38808i
68	4202	30.0	+ 6 58	8.7	*9.7*	Ko	3	..	10123b
69	4201	30.0	+ 6 8	9.5	*10.5*	Ko	2	..	24086b
70	*4199*	30.0	+ 6 2	8.7	*9.9*	K5	2	..	24086b
71	4159	30.0	+ 4 6	7.6	*7.9*	F2	8	..	24086b
72	3930	30.0	+ 2 42	9.8	*9.8*	Ao	2	..	24086b
73	4998	30.0	− 7 41	6.40	*7.40*	Ko	4	..	44056b
74	5461	30.0	−12 28	6.30	*7.30*	Ko	9	..	39482b
75	5470	30.0	−14 24	9.2	*9.8*	Go	2	..	39482b
76	5403	30.0	−15 22	9.7	*9.8*	A2	3	..	39482b
77	5515	30.0	−19 37	9.2	10.4	K2	4	..	39347b
78	5617	30.0	−20 34	10.1	10.6	Go	2	..	39347b
79	5447	30.0	−21 8	9.1	9.0	F8	6	..	39347b
80	17198	30.0	−30 47	9.3	9.5	Ao	4	..	40459b
81	14340	30.0	−42 13	9.3	9.5	Ko	3	..	39680b
82	13476	30.0	−43 47	10.1	10.8	Go	2	..	39680b
83	13001	30.0	−47 27	10.3	9.9	A2	4	..	39681b
84	13184	30.0	−48 18	9.3	10.2	Ko	3	..	39681b
85	7627	30.0	−58 12	6.18	7.3	G5	10	..	39381b
86	3445	30.0	−66 55	6.40	6.6	Ao	7	..	36386b
87	2411	30.0	−72 40	*8.9*	9.7	G5	1	..	42526b
88	1537	30.0	−75 38	*7.7*	8.2	F8	7	..	42793b
89	3632	30.1	+30 33	9.2	*9.2*	Ao	2	..	38509i
90	3877	30.1	+25 8	7.21	*8.56*	Ma	3	..	37829i
91	4009	30.1	+17 56	7.20	*7.98*	G5	4	..	37235i
92	3895	30.1	+11 13	7.9	*8.7*	G5	3	..	38506i
93	..	30.1	+ 6 2	..	..	Ao	2	..	24086b
94	3776	30.1	− 1 42	9.0	*9.0*	Ao	2	..	17051b
95	5192	30.1	− 6 4	9.5	*9.5*	Ao	2	..	38065b
96	16866	30.1	−31 33	8.4	8.3	B9	8	..	39396b
97	15339	30.1	−32 55	6.95	7.0	B8	10	..	39396b
98	13477	30.1	−43 2	9.1	10.2	Go	5	..	39680b
99	*13002*	30.1	−46 59	10.1	9.9	Fo	4	..	39681b
100	1251	30.1	−78 33	*8.6*	9.4	G5	3	..	42793b

184600 — 19h 30m.2

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	1963	30.2	+60 39	8.32	*8.88*	Go	2	..	37970i
2	2920	30.2	+45 50	7.40	*7.46*	A2	5	..	37349i
3	3650	30.2	+38 34	6.48	*6.48*	Ao	8	..	38561i
4	3480	30.2	+32 9	8.5	*9.1*	G	2	..	37885i
5	3392	30.2	+28 12	8.1	*8.1*	B9	4	..	38509i
6	4063	30.2	+19 33	4.88	*4.83*	B8	..	o,10	56,97
7	3902	30.2	+16 26	7.29	*8.29*	Ko	3	..	37235i
8	3973	30.2	+12 52	8.5	*8.5*	Ao	3	..	38506i
9	4153	30.2	+ 8 53	9.8	*10.1*	F2	2	..	10123b
10	4152	30.2	+ 8 42	9.5	*10.0*	F8	2	..	10123b
11	4204	30.2	+ 6 28	9.8	*9.8*	B9	3	..	24086b
12	5000	30.2	− 7 32	8.3	*9.1*	G5	5	..	40847b
13	5179	30.2	− 9 29	8.1	*8.5*	F5	6	..	38065b
14	5123	30.2	−10 36	9.9	*10.4*	F8	2	..	40847b
15	5405	30.2	−13 19	8.1	*9.1*	Ko	6	..	39482b
16	5404	30.2	−15 46	9.2	*10.2*	Ko	2	..	39347b
17	*5367*	30.2	−15 55	9.2	*10.3*	K2	3	..	39347b
18	5679	30.2	−17 21	10.4	*11.0*	Go	2	..	39347b
19	5516	30.2	−19 49	8.83	9.8	G5	5	..	39347b
20	15995	30.2	−28 54	7.66	8.8	K2	6	..	40459b
21	13270	30.2	−37 24	10.6	10.4	A3	1	..	39652b
22	*13579*	30.2	−37 57	9.3	11.4	G5	1	..	39652b
23	13578	30.2	−38 32	9.9	*11.0*	K2	1	..	39652b
24	13352	30.2	−39 2	9.3	11.3	Ko	1	..	39652b
25	13441	30.2	−44 31	8.9	10.2	K5	4	..	39680b
26	13443	30.2	−44 39	9.3	10.5	Ko	2	..	39680b
27	*12581*	30.2	−49 58	10.6	10.2	F2	3	..	39681b
28	3999	30.2	−64 46	7.21	8.1	Ko	9	..	40422b
29	3818	30.3	+39 31	7.61	*7.67*	A2	4	..	38561i
30	3481	30.3	+32 48	7.8	*8.8*	Ko	3	..	37885i
31	3879	30.3	+25 22	8.7	*9.0*	F	2	..	37829i
32	3969	30.3	+10 35	8.3	*8.3*	Ao	3	..	38506i
33	4205	30.3	+ 6 9	9.3	*9.3*	Ao	3	..	24086b
34	4201	30.3	+ 5 34	8.9	*8.9*	Ao	7	..	10123b
35	4077	30.3	+ 3 10	8.9	*10.0*	K2	3	..	24086b
36	*3931*	30.3	+ 3 5	9.5	*10.5*	K	1	..	24086b
37	*4040*	30.3	+ 2 0	9.5	*10.6*	K2	1	..	24086b
38	..	30.3	+ 1 51	..	..	Ao	1	..	24086b
39	4039	30.3	+ 1 39	10.5	*10.5*	Ao	2	..	24086b
40	5195	30.3	− 6 22	9.2	*10.0*	G5	2	..	40847b
41	5001	30.3	− 7 0	9.7	*9.8*	A5	4	..	40847b
42	5126	30.3	−10 35	8.5	*8.5*	Ao	6	..	38065b
43	5125	30.3	−10 46	10.4	*10.8*	F5	1	..	40847b
44	5517	30.3	−19 7	8.9	9.2	G5	5	..	39347b
45	5618	30.3	−20 17	8.7	9.1	A2	7	..	39347b
46	15445	30.3	−24 11	9.0	9.7	G5	2	..	19904b
47	16869	30.3	−31 29	10.8	10.4	F2	2	..	39396b
48	16870	30.3	−31 50	8.8	9.9	G5	4	..	39396b
49	13594	30.3	−35 4	9.3	9.5	Fo	3	..	39396b
50	13444	30.3	−44 40	10.1	9.9	F8	3	..	39680b
51	12584	30.3	− 50 3	10.1	10.5	G5	2	..	39681b
52	12582	30.3	− 50 35	10.1	10.2	A3	3	..	39681b
53	9233	30.3	− 56 43	*9.9*	10.9	Ko	1	..	39381b
54	7304	30.3	− 60 9	9.2	9.9	F8	4	..	39381b
55	4536	30.3	− 63 56	*9.4*	9.9	F8	3	..	40422b
56	668	30.4	+81 32	8.5	*9.1*	G	2	..	37294i
57	629	30.4	+79 34	8.1	*8.5*	F5	2	..	38044i
58	2260	30.4	+53 37	9.3	*9.3*	A	2	..	37392i
59	2812	30.4	+50 43	9.0	*9.3*	Fo	2	..	37392i
60	3609	30.4	+36 44	9.0	*9.1*	A5	1	..	38561i
61	3904	30.4	+16 14	8.3	*8.6*	F	2	..	37235i
62	4206	30.4	+ 6 55	9.5	*10.0*	F8	3	..	24086b
63	3932	30.4	+ 2 42	6.49	*6.83*	F2	5	..	37965i
64	5041	30.4	− 8 16	9.9	*9.9*	Ao	2	..	40847b
65	5368	30.4	−16 47	9.5	*10.6*	K2	3	..	39347b
66	5680	30.4	−17 2	10.8	*11.4*	Go	3	..	39347b
67	5518	30.4	−19 18	10.1	10.4	F8	3	..	39347b
68	*14343*	30.4	−25 57	10.8	10.6	A	1	..	40459b
69	14344	30.4	−26 32	9.3	10.3	Ko	2	..	41403b
70	14345	30.4	−26 45	8.8	10.0	G5	3	R	41403b
71	15344	30.4	−32 54	9.0	9.2	B8	4	..	39396b
72	13626	30.4	−36 10	10.1	10.1	Ao	2	..	39652b
73	12586	30.4	−50 51	8.5	8.7	A3	4	..	41414b
74	9138	30.4	−55 1	9.90	9.7	F5	2	..	39381b
75	7495	30.4	−59 34	*9.6*	9.9	Fo	4	..	39381b
76	*1364*	30.5	+66 3	8.5	*9.6*	K2	2	..	38067i
77	*1534*	30.5	+64 5	7.87	*8.94*	K2	3	..	38067i
78	3382	30.5	+42 9	8.3	*8.9*	Go	3	..	37349i
79	*3505*	30.5	+34 3	8.2	*9.2*	Ko	1	..	37885i
80	4203	30.5	+ 5 6	8.96	*9.96*	Ko	2	..	10123b
81	5196	30.5	− 6 9	9.9	*9.9*	Ao	2	..	38065b
82	5472	30.5	−14 27	9.7	*10.5*	G5	1	..	39482b
83	*5520*	30.5	−18 59	9.9	10.9	Fo	3	..	39347b
84	15571	30.5	−23 3	9.1	10.4	K2	1	..	19904b
85	15450	30.5	−24 46	8.0	10.3	K5	2	0,2	19904b
86	14127	30.5	−27 19	9.6	10.3	G5	2	..	40459b
87	16875	30.5	−31 57	9.4	10.7	K2	1	..	39396b
88	13481	30.5	−43 10	9.7	10.8	G5	3	..	39680b
89	13106	30.5	−46 42	11.0	10.8	F8	2	..	39681b
90	13189	30.5	−48 20	7.5	7.8	A2	10	..	39681b
91	7629	30.5	−58 5	*10.3*	10.7	F5	1	..	39381b
92	7630	30.5	−58 14	*9.4*	10.0	Go	3	..	39381b
93	1374	30.5	−77 29	*9.2*	10.6	Mb	..	..	M
94	*700*	30.6	+76 2	10.0	*11.1*	K2	1	..	6443m
95	3282	30.6	+43 18	8.01	*8.07*	A2	5	o,R	37349i
96	*3397*	30.6	+29 5	9.0	*9.0*	Ao	1	..	38509i
97	3974	30.6	+10 11	7.77	*8.77*	Ko	2	..	38506i
98	*4144*	30.6	+ 8 1	9.5	*9.5*	B8	4	..	10123b
99	4079	30.6	+ 3 18	10.1	*10.9*	G5	2	..	24086b
100	3786	30.6	− 0 26	9.1	*9.7*	Go	4	..	24449b

184700 — 19h 30m.6

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5054	30.6	− 2 41	6.88	*7.30*	F5	..	0,8-	**56**,144
2	5018	30.6	− 5 43	9.2	*9.2*	B9	3	..	38065b
3	5016	30.6	− 5 47	9.1	*10.1*	Ko	2	..	38065b
4	5127	30.6	−10 15	9.2	*10.0*	G5	2	..	38065b
5	5521	30.6	−19 5	6.14	6.5	A5	7	..	41860b
6	5522	30.6	−19 13	9.9	11.4	F8	3	..	39347b
7	14184	30.6	−25 6	4.66	*4.64*	B9	..	R	**28**,214
8	14350	30.6	−26 1	11.3	11.4	A	1	..	40459b
9	16347	30.6	−29 43	9.8	10.4	G5	1	..	40459b
10	16348	30.6	−29 50	9.78	9.9	Go	2	..	40459b
11	*13389*	30.6	−39 58	8.17	9.2	Go	6	..	39652b
12	13604	30.6	−41 44	9.2	9.8	Ko	3	..	39680b
13	12588	30.6	−50 41	9.1	9.6	Ko	3	..	39681b
14	9426	30.6	−54 50	9.50	10.6	G5	2	..	39381b
15	7631	30.6	−58 53	8.7	11.2	Ko	1	..	39381b
16	6391	30.6	−61 4	*9.2*	9.6	F5	2	..	40422b
17	*2413*	30.6	−71 59	*9.7*	9.8	A2	3	..	42526b
18	928	30.6	−80 27	*8.9*	9.4	F8	4	..	42793b
19	3399	30.7	+28 56	8.2	*9.3*	K2	2	..	38509i
20	3881	30.7	+25 49	8.8	*9.1*	Fo	2	..	37829i
21	3785	30.7	+24 56	8.31	*8.31*	Ao	3	..	37829i
22	4137	30.7	+18 48	6.89	*7.96*	K2	3	..	37235i
23	3965	30.7	+14 16	8.1	*8.2*	A2	1	..	38506i
24	3901	30.7	+11 43	7.9	*9.1*	K5	4	*3*,1	10123b
25	3902	30.7	+11 14	8.7	*8.8*	A2	2	..	38506i
26	3976	30.7	+10 10	9.02	*9.02*	Ao	1	..	38506i
27	4642	30.7	− 3 16	8.7	*9.5*	G5	1	..	17051b
28	5183	30.7	− 9 18	8.7	*9.1*	F5	3	..	38065b
29	14185	30.7	−25 38	9.8	10.9	G5	2	..	40459b
30	14351	30.7	−26 42	10.3	10.3	Fo	3	..	40459b
31	13814	30.7	−34 31	7.5	9.2	K2	4	..	39396b
32	13605	30.7	−41 41	7.8	8.0	F2	7	..	39680b
33	13482	30.7	−43 14	10.6	11.2	A5	1	R	39673b
34	7306	30.7	−60 5	8.5	9.3	F8	7	..	39381b
35	1540	30.7	−75 0	7.68	8.8	K2	5	..	42526b
36	*1255*	30.7	−77 58	*8.9*	9.7	G5	2	..	42793b
37	1071	30.8	+68 32	8.3	*9.3*	Ko	4	E	37333i
38	3639	30.8	+30 18	10.02	. . .	Ocp	..	R	**76**,29
39	3699	30.8	+23 16	8.1	*8.1*	Ao	4	..	37829i
40	3836	30.8	+21 57	7.14	*7.12*	B9	6	..	37235i
41	3872	30.8	+15 24	6.59	*7.59*	Ko	5	..	37235i
42	*3977*	30.8	+13 1	8.0	*9.0*	Ko	1	..	38506i
43	3977	30.8	+10 43	9.1	*9.4*	Fo	4	..	10123b
44	*4155*	30.8	+ 9 0	8.6	*9.8*	K5	1	..	38506i
45	4205	30.8	+ 5 54	10.5	*10.5*	B9	3	..	24086b
46	5043	30.8	− 8 25	9.1	*10.1*	Ko	1	..	38065b
47	*5371*	30.8	−15 58	9.5	*10.9*	Ma	1	..	39347b
48	5523	30.8	−19 28	9.1	10.0	G5	5	..	39347b
49	5524	30.8	−19 45	10.4	10.9	A2.	3	..	39347b
50	15579	30.8	−23 24	9.8	10.4	G5	1	..	19904b
51	14128	30.8	−27 44	8.8	9.4	Ko	5	..	40459b
52	16351	30.8	−29 48	9.13	10.4	Ko	1	..	40459b
53	13597	30.8	−35 29	7.9	8.9	F8	5	..	39396b
54	*14348*	30.8	−41 57	9.7	10.9	Ko	1	..	39680b
55	3663	30.8	−67 12	*9.1*	9.5	F5	4	..	20541b
56	1725	30.9	+62 55	8.1	*9.5*	Mb	1	..	38067i
57	*2055*	30.9	+60 5	8.66	*9.16*	F8	1	..	37970i
58	3787	30.9	+40 41	8.8	*9.3*	F8	2	..	38561i
59	3651	30.9	+29 14	5.42	*5.84*	F5	9	R	37885i
60		30.9	+29 14			Ao			
61	*3594*	30.9	+27 0	6.72	*6.80*	A3	6	0,6	38509i
62	3788	30.9	+24 49	8.8	*8.8*	Ao	2	..	37829i
63	4162	30.9	+ 9 7	8.4	*8.4*	B9	4	..	38506i
64	4209	30.9	+ 6 47	10.5	*10.5*	Ao	2	..	24086b
65	3934	30.9	+ 2 29	9.3	*9.3*	Ao	2	..	24086b
66	3933	30.9	+ 2 7	9.5	*9.9*	F5	2	..	24086b
67	*3789*	30.9	+ 0 2	7.13	*7.19*	A2	5	2,10	38023i
68	3788	30.9	− 0 7	7.9	*8.7*	G5	9	..	24086b
69	5199	30.9	− 6 30	10.4	*11.0*	Go	2	..	40847b
70	5411	30.9	−13 14	9.7	*10.3*	Go	2	..	39482b
71	5372	30.9	−16 14	10.4	*11.8*	Ma	1	..	39347b
72	5685	30.9	−17 33	7.9	*7.9*	B9	8	..	39347b
73	5683	30.9	−17 47	9.5	*10.7*	K5	2	..	39347b
74	5430	30.9	−18 19	9.2	*10.2*	Ko	6	..	39347b
75	5525	30.9	−19 31	10.4	11.8	Ko	1	..	39347b
76	5619	30.9	−20 17	9.5	10.6	Ko	3	..	39347b
77	5166	30.9	−22 29	9.2	9.7	Go	1	..	19904b
78	14188	30.9	−25 18	8.0	9.1	F8	6	..	19904b
79	13449	30.9	−44 8	9.2	9.3	A3	6	..	39680b
80	13337	30.9	−45 24	9.1	9.0	A5	7	..	39681b
81	13111	30.9	−46 15	9.7	10.2	Go	5	..	39681b
82	12761	30.9	−49 20	10.3	10.2	Go	2	..	39681b
83	12762	30.9	−49 48	11.0	10.5	Ko	1	..	39681b
84	*7496*	30.9	−58 59	*9.9*	10.5	Go	1	..	39381b
85	955	31.0	+71 44	8.7	*8.7*	Ao	2	2,2	37224i
86	*2914*	31.0	+49 2	6.19	*7.54*	Mb	5	..	37392i
87	3398	31.0	+41 42	6.54	*6.54*	Ao	..	0,5	**56**,97
88	3397	31.0	+41 13	7.08	*7.06*	B9	4	..	37349i
89	4254	31.0	+ 0 26	8.6	*8.6*	Ao	5	..	24086b
90	4645	31.0	− 3 1	8.3	*8.3*	B8	6	..	17051b
91	5019	31.0	− 5 42	9.2	*9.3*	A2	3	..	38065b
92	5184	31.0	− 9 32	8.7	*9.9*	K5	2	..	38065b
93	5052	31.0	−11 52	9.9	*10.0*	A2	2	..	39482b
94	5526	31.0	−19 0	7.9	8.5	F5	7	..	39347b
95	5167	31.0	−22 7	7.9	8.3	G5	7	..	19904b
96	15354	31.0	−32 13	9.3	10.4	Ko	2	..	39396b
97	13817	31.0	−34 29	9.3	9.5	F5	4	..	39396b
98	13631	31.0	−36 50	8.9	10.1	G5	3	..	39652b
99	13586	31.0	−38 37	8.6	10.8	Ko	3	..	39652b
100	12185	31.0	−51 14	9.7	9.9	Ao	1	..	41414b

184800 — $19^h\,31^m.0$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	*9445*	31.0	−56 59	*10.5*	10.6	A3	1	..	39381b
2	9444	31.0	−57 46	*10.1*	10.6	F8	1	..	39381b
3	1365	31.1	+65 44	8.1	*8.1*	Ao	4	..	38067i
4	3884	31.1	+25 47	8.2	*9.4*	K5	1	..	38509i
5	4210	31.1	+ 6 34	9.3	*10.5*	K5	1	..	24086b
6	4211	31.1	+ 6 18	9.8	*9.9*	A2	2	..	24086b
7	5057	31.1	− 2 32	8.5	*8.5*	B9	5	..	17051b
8	5020	31.1	− 5 1	8.77	*9.11*	F2	2	..	17051b
9	5201	31.1	− 6 11	8.1	*8.1*	Ao	1	..	44056b
10	5054	31.1	−11 27	9.1	*10.1*	Ko	3	..	39482b
11	5431	31.1	−18 13	10.1	*10.6*	F8	2	..	39347b
12	5527	31.1	−19 44	10.6	*11.6*	Ko	1	..	39347b
13	5620	31.1	−20 25	9.7	11.4	Ko	2	..	39347b
14	14191	31.1	−25 4	9.50	10.3	F2	2	..	40459b
15	16887	31.1	−31 8	9.6	10.7	A2	3	R	39396b
16	13819	31.1	−34 28	10.8	9.9	F8	2	..	39396b
17	*13603*	31.1	−34 57	9.18	9.9	Ko	3	..	39396b
18	13113	31.1	−46 41	9.0	10.5	K2	3	..	39681b
19	9236	31.1	−56 47	*9.9*	10.9	Ko	1	..	39381b
20	7633	31.1	−58 28	6.8	7.8	Fo	9	..	39381b
21	4537	31.1	−63 12	*8.7*	9.3	Go	4	..	40422b
22	2415	31.1	−72 27	*8.7*	9.5	G5	3	..	42526b
23	2052	31.1	−73 0	*8.6*	9.1	F8	3	..	42526b
24	*956*	31.2	+72 3	7.80	*8.80*	Ko	4	..	37224i
25	1072	31.2	+70 44	8.1	*9.1*	Ko	4	..	38067i
26	2621	31.2	+51 54	7.9	*8.7*	G5	3	..	37392i
27	3507	31.2	+33 35	6.73	*8.08*	Ma	..	0,5	56,97
28	3404	31.2	+28 30	8.8	*8.8*	Ao	2	..	38509i
29	4193	31.2	+20 36	8.4	*8.4*	B8	3	..	37235i
30	3910	31.2	+16 53	7.6	*7.9*	F2	4	..	37235i
31	4164	31.2	+ 4 55	9.5	*10.7*	K5	1	..	24086b
32	4081	31.2	+ 3 54	8.6	*9.8*	K5	3	..	24086b
33	5055	31.2	−11 35	9.2	*10.4*	K5	1	..	39482b
34	5413	31.2	−13 23	9.5	*10.3*	G5	1	..	39482b
35	5432	31.2	−18 28	5.87	*6.87*	Ko	6	..	41860b
36	5451	31.2	−21 51	8.5	9.2	K2	2	..	19904b
37	15461	31.2	−24 54	10.8	10.3	Ao	2	0,2	19904b
38	*15356*	31.2	−31 59	9.9	10.4	Ao	2	..	39396b
39	13821	31.2	−34 26	10.6	9.5	F8	3	..	39396b
40	14354	31.2	−42 2	7.9	7.6	A3	7	..	39680b
41	14352	31.2	−42 38	9.0	8.9	F8	6	..	39680b
42	13194	31.2	−48 15	8.4	9.3	Ko	8	..	39681b
43	9143	31.2	−55 23	*9.8*	10.9	K2	1	..	39381b
44	9238	31.2	−56 33	7.7	7.6	Fo	7	..	39381b
45	4000	31.2	−64 28	*8.6*	8.7	A3	8	..	40422b
46	2053	31.2	−73 28	*8.5*	9.1	Go	4	..	42526b
47	3509	31.3	+33 20	8.5	*9.5*	K	1	..	37885i
48	3437	31.3	+27 38	8.6	*9.7*	K2	1	..	38509i
49	3737	31.3	+22 17	7.8	*7.8*	Ao	4	..	37235i
50	4194	31.3	+20 57	8.6	*9.6*	K	1	..	37235i
51	3980	31.3	+10 17	9.8	*10.9*	K2	2	..	10123b
52	4147	31.3	+ 7 55	9.8	*10.2*	F5	2	..	10123b
53	4209	31.3	+ 5 48	6.71	*7.71*	Ko	8	0,4	24086b
54	4210	31.3	+ 5 15	9.5	*10.0*	F8	3	..	24086b
55	4165	31.3	+ 4 34	9.1	*9.7*	Go	5	..	24086b
56	4083	31.3	+ 3 51	9.5	*9.5*	Ao	5	..	24086b
57	4082	31.3	+ 3 22	10.1	*11.2*	K2	1	..	24086b
58	5021	31.3	− 5 0	7.92	*7.98*	A2	3	..	44056b
59	5203	31.3	− 6 48	10.4	*10.4*	Ao	2	..	40847b
60	5130	31.3	−10 39	8.5	*9.5*	Ko	4	..	38065b
61	*5376*	31.3	−15 57	9.5	*10.5*	Ko	1	..	39347b
62	5377	31.3	−16 40	9.2	*9.3*	A3	5	..	39347b
63	*5687*	31.3	−16 55	10.9	*11.5*	Go	1	..	39347b
64	5623	31.3	−20 35	8.3	8.5	Ao	8	..	39347b
65	16358	31.3	−29 31	9.6	9.8	A2	2	..	40459b
66	13822	31.3	−34 4	8.6	10.1	Ma	3	..	39396b
67	13633	31.3	−36 15	9.9	10.4	Go	1	..	39652b
68	*13398*	31.3	−39 58	9.9	11.2	Ko	1	..	39652b
69	12592	31.3	−50 36	9.5	9.9	G5	3	..	39681b
70	7634	31.3	−58 52	*10.1*	10.7	Go	1	..	39381b
71	3811	31.3	−65 28	*9.8*	10.6	G5	1	..	40422b
72	..	31.4	+73 20	..	..	G5	1	..	6443m
73	1052	31.4	+69 19	8.3	*9.3*	Ko	4	..	37333i
74	3178	31.4	+44 52	8.7	*9.7*	Ko	2	..	37349i
75	3386	31.4	+42 11	5.29	*5.35*	A2	..	2,8	56,97
76	3822	31.4	+39 14	9.2	*9.2*	Ao	2	..	38561i
77	3510	31.4	+33 59	8.0	*8.1*	A2	5	..	37885i
78	3438	31.4	+27 41	8.8	*8.8*	Ao	2	..	38509i
79	3599	31.4	+26 54	8.0	*8.0*	B9	4	..	37829i
80	3838	31.4	+21 55	7.78	*8.85*	K2	2	..	37829i
81	4142	31.4	+18 21	7.8	*8.6*	G5	3	..	37235i
82	4021	31.4	+17 30	8.5	*8.5*	A	2	..	37235i
83	4069	31.4	+13 37	7.9	*7.9*	Ao	1	R	38506i
84	3981	31.4	+10 55	6.53	*6.59*	A2	8	..	38506i
85	4156	31.4	+ 8 12	9.3	*10.3*	Ko	1	..	10123b
86	4166	31.4	+ 4 30	10.1	*10.7*	Go	1	..	24086b
87	4084	31.4	+ 3 58	7.9	*9.0*	K2	7	..	24086b
88	5022	31.4	− 5 49	8.1	*8.2*	A2	2	..	44056b
89	5131	31.4	−10 23	6.91	*7.91*	Ko	6	..	38065b
90	5415	31.4	−13 24	6.99	*6.97*	B9	9	..	39482b
91	5407	31.4	−15 7	9.2	*10.0*	G5	2	..	39482b
92	5378	31.4	−16 47	9.7	*10.3*	Go	3	..	39347b
93	*5689*	31.4	−16 56	9.7	*10.7*	Ko	2	..	39347b
94	*5530*	31.4	−18 57	9.1	10.9	K5	3	..	39347b
95	5168	31.4	−22 28	8.7	9.1	G5	3	..	19904b
96	14195	31.4	−25 24	9.8	10.6	Ko	2	..	40459b
97	13636	31.4	−36 38	8.6	9.0	F8	5	..	39652b
98	13589	31.4	−38 9	9.3	11.3	Ko	1	..	39652b
99	*13360*	31.4	−38 59	7.8	10.4	Ma	3	..	39652b
100	7636	31.4	−58 23	7.4	8.7	G5	8	..	39381b

184900 — $19^h\,31^m.4$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3446	31.4	−66 48	9.0	9.5	F8	4	..	20541b
2	2059	31.5	+59 58	8.36	9.36	Ko	2	..	37970i
3	2058	31.5	+59 11	7.64	7.64	Ao	7	..	37970i
4	2265	31.5	+53 15	9.1	9.1	Ao	2	..	37392i
5	3290	31.5	+43 43	6.58	6.58	Aop	..	2,7 R	18348c
6	3694	31.5	+35 29	8.0	8.0	A	4	..	37885i
7	3655	31.5	+29 50	8.4	8.5	A2	2	..	38509i
8	4144	31.5	+18 21	8.9	9.2	F	1	..	37235i
9	3970	31.5	+14 18	7.50	8.57	K2	2	..	38506i
10	3906	31.5	+11 57	6.78	7.85	K2	5	..	38506i
11	4166	31.5	+ 9 18	9.1	9.2	A2	1	..	38506i
12	4148	31.5	+ 7 30	9.8	9.8	Ao	2	..	10123b
13	4212	31.5	+ 5 23	9.8	10.6	G5	1	..	24086b
14	4855	31.5	− 4 30	8.41	9.59	K5	2	..	17051b
15	5006	31.5	− 7 15	5.04	4.80	Bo	..	0,7 R	56,97
16	5473	31.5	−11 57	9.2	10.2	Ko	1	..	39482b
17	5472	31.5	−12 22	9.9	9.9.	B8	3	..	39482b
18	5475	31.5	−14 39	7.12	8.12	Ko	6	..	39482b
19	5379	31.5	−16 35	9.2	9.3	A2	5	..	39347b
20	5690	31.5	−17 23	8.3	8.9	Go	7	..	39347b
21	5169	31.5	−22 10	8.3	9.1	Ma	4	..	19904b
22	14358	31.5	−33 8	6.80	7.7	Ko	8	..	39396b
23	13012	31.5	−47 44	8.6	9.1	F8	7	..	39681b
24	9144	31.5	−55 43	10.2	11.6	Ma	..	..	M
25	7307	31.5	−60 5	9.9	10.5	Go	3	..	39381b
26	1162	31.6	+67 29	8.1	9.1	Ko	4	E	37333i
27	3645	31.6	+31 4	7.6	7.4	B2	4	R	37885i
28	3797	31.6	+24 57	8.01	7.99	B9	3	..	37829i
29	3982	31.6	+10 37	9.8	9.8	B9	4	..	10123b
30	3782	31.6	− 1 31	4.28	4.16	B5	..	4, R	56,97
31	14201	31.6	−25 55	9.0	11.1	K5	1	..	40459b
32	17230	31.6	−30 31	8.0	8.6	F2	8	..	40459b
33	13195	31.6	−48 33	9.1	9.9	G5	4	..	39681b
34	12598	31.6	−50 5	9.18	10.2	Ko	4	..	39681b
35	1375	31.6	−77 14	9.5	10.6	K2	1	..	42793b
36	2060	31.7	+59 57	6.43	7.61	K5	7	..	37970i
37	2461	31.7	+52 28	8.2	8.2	Ao	3	..	37392i
38	2727	31.7	+46 15	7.48	8.26	G5	4	..	37349i
39	3826	31.7	+39 48	8.6	8.7	A2	3	..	38561i
40	3620	31.7	+34 28	6.98	6.93	B8	..	0,7	56,97
41	3486	31.7	+32 10	8.2	8.2	B8	2	..	38509i
42	3889	31.7	+25 36	7.46	7.34	B5	5	..	37829i
43	3706	31.7	+23 38	8.0	7.8	B	2	R	37829i
44	3974	31.7	+14 10	6.47	7.47	Ko	6	..	37235i
45	4157	31.7	+ 8 46	9.8	10.6	G5	2	..	10123b
46	4158	31.7	+ 8 28	10.5	11.1	Go	1	..	10123b
47	3939	31.7	+ 2 50	8.5	9.5	Ko	5	..	24086b
48	3795	31.7	− 0 38	8.7	9.8	K2	2	..	24086b
49	5417	31.7	−13 2	10.4	10.4	Ao	2	..	39482b
50	5532	31.7	−19 14	8.9	9.1	Go	5	..	39347b
51	5456	31.7	−21 8	10.4	10.0	Ao	2	..	19904b
52	14203	31.7	−25 48	9.6	10.0	Go	4	..	40459b
53	14144	31.7	−27 11	9.8	9.4	Ao	5	..	40459b
54	16366	31.7	−29 3	7.6	8.7	Go	7	..	40459b
55	13455	31.7	−44 36	8.9	9.0	Go	6	..	39680b
56	9621	31.7	−53 5	9.7	11.1	Mc	..	..	M
57	9145	31.7	−55 51	9.5	10.0	F8	2	..	39381b
58	1073	31.8	+70 47	6.25	7.32	K2	6	0,7	37224i
59	2261	31.8	+56 15	7.08	8.08	Ko	5	..	37970i
60	2815	31.8	+51 1	5.65	6.07	F5	9	..	37392i
61	3741	31.8	+22 22	6.12	6.10	B9	9	..	37235i
62	3877	31.8	+15 40	7.24	7.74	F8	5	..	37235i
63	4168	31.8	+ 9 19	9.8	10.9	K2	1	..	10123b
64	4046	31.8	+ 1 42	9.5	9.5	B9	2	..	24086b
65	3796	31.8	− 0 6	8.7	9.0	Fo	7	..	24086b
66	5050	31.8	− 8 17	9.2	10.3	K2	3	..	38065b
67	5478	31.8	−14 37	9.2	10.3	K2	2	..	39482b
68	15474	31.8	−24 5	10.1	10.0	F2	1	..	19904b
69	14207	31.8	−25 15	9.8	9.4	Ao	3	..	19904b
70	13362	31.8	−39 51	9.3	11.2	K5	1	..	39652b
71	13492	31.8	−43 8	9.7	10.5	Go	4	..	39680b
72	13491	31.8	−43 16	8.6	9.0	Fo	7	..	39680b
73	13197	31.8	−48 32	9.7	9.9	Go	3	..	39681b
74	2419	31.8	−72 6	8.6	9.8	K5	3	..	42526b
75	929	31.8	−80 15	8.8	9.4	Go	4	..	42793b
76	864	31.9	+73 9	9.1	9.7	Go	2	..	6443m
77	2870	31.9	+47 57	6.70	6.84	A5	8	..	37349i
78	3891	31.9	+25 20	8.4	8.4	Ao	2	..	38509i
79	3798	31.9	+24 31	8.1	8.9	G5	2	..	37829i
80	3912	31.9	+12 6	8.6	9.4	G5	1	..	38506i
81	4159	31.9	+ 8 34	9.5	10.1	Go	3	..	10123b
82	4151	31.9	+ 7 20	7.7	7.8	A2	5	..	38506i
83	4215	31.9	+ 6 13	8.1	9.2	K2	3	..	10123b
84	3797	31.9	− 0 6	9.0	9.0	Ao	6	..	24086b
85	5479	31.9	−14 31	5.60	6.10	F8	..	2,10	56,144
86	5459	31.9	−21 2	9.2	10.6	K2	1	..	19904b
87	13639	31.9	−36 6	8.6	9.2	Fo	3	..	39652b
88	13637	31.9	−36 16	8.6	9.0	F8	5	..	39652b
89	13638	31.9	−36 37	var.	var.	Md	1	R	39652b
90	13405	31.9	−40 28	10.3	10.4	Fo	3	..	39652b
91	14362	31.9	−42 21	9.7	10.1	Go	2	..	39680b
92	13120	31.9	−46 42	9.0	10.2	Ko	4	..	39681b
93	13198	31.9	−48 33	11.0	10.5	F5	2	..	39681b
94	..	31.9	−63 37	..	..	K2	1	..	40422b
95	3812	31.9	−65 7	8.6	9.0	F5	5	..	40422b
96	3447	31.9	−66 5	6.00	8.0	K2	..	0,7-	56,144
97	1829	31.9	−74 4	17.85	7.8	F5	8	..	42526b
98	3603	32.0	+27 1	8.5	8.6	A5	2	..	38509i
99	3843	32.0	+21 50	8.6	8.6	A	1	..	37235i
100	4149	32.0	+18 55	8.9	8.9	A	1	..	37235i

185000 — $19^h\ 32^m.0$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4170	32.0	+ 9 47	10.1	*10.1*	B9	2	..	10123b
2	4217	32.0	+ 6 50	9.0	*9.0*	Ao	3	..	10123b
3	4259	32.0	+ 0 25	9.3	*9.3*	B9	4	..	24086b
4	4649	32.0	− 3 42	8.37	*8.45*	A3	5	..	17051b
5	5023	32.0	− 5 22	8.50	*8.64*	A5	5	..	38065b
6	5381	32.0	−16 40	9.1	*10.1*	Ko	4	..	39347b
7	5434	32.0	−18 2	10.5	*10.6*	A3	2	..	39347b
8	5628	32.0	−20 35	10.1	10.6	Ko	2	..	39347b
9	13830	32.0	−34 46	7.20	7.5	F5	8	..	39396b
10	13363	32.0	−39 9	9.9	10.8	F8	1	..	39652b
11	9625	32.0	−53 32	8.7	10.3	K5	1	..	41414b
12	2420	32.0	−72 29	*8.7*	9.2	F8	4	..	42526b
13	1877	32.1	+61 49	7.9	*8.5*	Go	3	..	37970i
14	3793	32.1	+40 28	8.0	*8.1*	A3	3	E	37349i
15	3700	32.1	+35 31	9.0	*9.0*	A	1	..	37885i
16	3707	32.1	+23 28	8.0	*8.1*	A3	3	..	37829i
17	4073	32.1	+13 9	7.7	*7.7*	Ao	6	..	38506i
18	*3984*	32.1	+11 3	6.16	*6.94*	G5	6	*5,7*	38506i
19	3983	32.1	+10 10	8.25	*8.25*	Ao	4	..	38506i
20	4172	32.1	+ 9 39	10.1	*10.2*	A3	3	..	10123b
21	*4218*	32.1	+ 7 0	8.7	*9.3*	Go	5	..	10123b
22	4213	32.1	+ 5 36	10.5	*11.0*	F8	1	..	24086b
23	3940	32.1	+ 2 15	9.3	*10.4*	K2	1	..	24086b
24	*3798*	32.1	+ 0 3	9.5	*10.5*	K	1	..	24086b
25	3800	32.1	− 0 2	8.88	*8.88*	Ao	7	..	24086b
26	3799	32.1	− 0 42	7.7	*7.7*	B9	7	1,2	24449b
27	5691	32.1	−17 46	10.4	*10.4*	Ao	4	..	39347b
28	15479	32.1	−24 46	9.6	10.0	Ko	3	*5,2*	40459b
29	14147	32.1	−27 35	9.3	9.4	Ko	3	..	40459b
30	16903	32.1	−31 48	9.1	11.0	K2	1	..	39396b
31	13364	32.1	−39 8	8.6	8.9	F8	6	..	39652b
32	13615	32.1	−41 21	8.3	8.6	Ko	4	..	39680b
33	13349	32.1	−45 39	7.4	7.7	F2	9	..	39681b
34	13015	32.1	−47 54	10.6	10.5	G5	2	..	39681b
35	7637	32.1	−58 42	8.6	10.5	K2	3	..	39381b
36	3831	32.2	+39 48	7.90	*7.98*	A3	6	..	38561i
37	3619	32.2	+36 43	5.86	*5.84*	B9	9	*1,9*	38561i
38	3801	32.2	+24 51	8.8	*8.8*	Ao	3	..	37829i
39	4173	32.2	+ 9 20	9.5	*9.9*	F5	3	..	10123b
40	4153	32.2	+ 7 45	9.0	*9.5*	F8	3	..	10123b
41	4086	32.2	+ 3 36	10.5	*11.6*	K2	1	..	24086b
42	*5063*	32.2	− 1 58	9.7	*9.7*	Ao	2	..	24449b
43	*5135*	32.2	− 9 57	7.81	*7.87*	A2	2	..	44056b
44	5480	32.2	−14 11	6.94	*7.94*	Ko	..	*5,8*	**56**,144
45	*5410*	32.2	−14 59	8.96	*9.96*	Ko	2	..	39482b
46	..	32.2	−18 17	..	..	Go	1	..	39347b
47	5534	32.2	−19 26	8.7	8.5	Fo	6	..	39347b
48	14375	32.2	−26 35	9.8	11.1	G5	3	..	40459b
49	16021	32.2	−28 1	9.6	10.3	K2	1	..	40459b
50	4538	32.2	−63 4	*7.6*	8.6	Ko	7	..	40422b
51	3813	32.2	−65 32	*9.6*	10.4	G5	1	..	40422b
52	3280	32.2	−68 25	*8.7*	9.5	G5	4	..	20541b
53	864	32.2	−81 31	*8.4*	8.8	F5	4	..	21397b
54	1367	32.3	+65 48	8.3	*9.1*	G5	3	..	38067i
55	3516	32.3	+33 32	8.1	*9.2*	K2	3	..	37885i
56	3678	32.3	+31 18	8.0	*9.2*	K5	1	..	34823i
57	3803	32.3	+24 47	8.6	*8.6*	B9	3	..	37829i
58	3711	32.3	+23 47	8.4	*8.4*	Ao	3	..	37829i
59	4200	32.3	+20 7	var.	var.	G5	2	R	37235i
60	4024	32.3	+17 27	8.5	*8.9*	F5	2	..	37235i
61	4174	32.3	+ 9 20	8.5	*9.5*	Ko	1	..	38506i
62	4160	32.3	+ 8 14	10.5	*10.6*	A2	1	..	10123b
63	4163	32.3	+ 8 6	8.3	*8.4*	A3	3	..	38506i
64	4154	32.3	+ 7 13	10.1	*10.1*	Ao	2	..	10123b
65	4168	32.3	+ 4 27	9.0	*10.1*	K2	3	..	24086b
66	3942	32.3	+ 2 46	8.5	*8.8*	Fo	5	..	24086b
67	3789	32.3	− 1 52	9.32	*9.32*	Ao	3	0,1	24449b
68	5137	32.3	−10 12	7.21	*7.27*	A2	4	..	44056b
69	5062	32.3	−11 15	9.2	*9.6*	F5	3	..	39482b
70	5063	32.3	−11 23	9.1	*10.1*	Ko	2	..	39482b
71	13351	32.3	−45 44	9.5	11.2	K5	1	..	39681b
72	13127	32.3	−46 9	10.1	11.1	Ko	2	..	39681b
73	13199	32.3	−48 36	9.9	10.2	G5	3	..	39681b
74	12765	32.3	−49 47	8.82	9.6	Ko	5	..	39681b
75	9438	32.3	−54 39	6.28	7.6	Ko	..	0,8	**56**,144
76	7638	32.3	−58 0	*9.9*	10.5	Go	2	..	39381b
77	7498	32.3	−59 10	*10.1*	10.7	Go	1	..	39381b
78	3281	32.3	−68 33	*8.6*	9.2	Go	6	..	20541b
79	781	32.3	−82 53	*8.0*	9.2	K5	1	..	14161b
80	*2064*	32.4	+60 4	8.51	*8.57*	A2	2	R	37970i
81	*2065*	32.4	+60 4						
82	2819	32.4	+50 24	8.20	*8.70*	F8	2	..	37392i
83	3807	32.4	+24 11	8.6	*8.6*	B9	2	..	37829i
84	4080	32.4	+19 14	8.0	*9.0*	Ko	2	..	37235i
85	4026	32.4	+17 36	8.3	*8.6*	F	2	..	37235i
86	3987	32.4	+10 23	9.1	*9.6*	F8	3	..	10123b
87	4155	32.4	+ 7 18	9.3	*10.3*	Ko	1	..	10123b
88	4221	32.4	+ 6 48	10.1	*10.2*	A2	2	..	10123b
89	*4087*	32.4	+ 4 3	10.1	*10.1*	Ao	1	..	24086b
90	3801	32.4	− 0 22	7.43	*7.57*	A5	8	*3,3*	24086b
91	3790	32.4	− 1 16	8.7	*8.7*	B9	6	0,5	24449b
92	*4656*	32.4	− 2 55	8.7	*8.7*	Ao	3	..	17051b
93	4860	32.4	− 4 8	8.5	*9.6*	K2	2	..	17051b
94	5026	32.4	− 5 17	7.50	*7.78*	Fo	4	..	44056b
95	5210	32.4	− 6 13	9.2	*10.0*	G5	3	..	38065b
96	5476	32.4	−12 11	10.5	*10.9*	F5	2	..	39482b
97	5435	32.4	−18 50	10.5	*11.0*	F8	2	..	39347b
98	5535	32.4	−19 7	9.7	10.3	F5	2	..	39347b
99	5536	32.4	−19 22	10.4	11.8	Go	2	..	39347b
100	14214	32.4	−25 52	9.8	10.0	F8	3	..	40459b

185100

19h 32m.4

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	14150	32.4	−27 54	9.3	10.6	Ko	1	..	40459b	51	3444	32.6	+27 39	7.8	*8.8*	Ko	2	..	38509i
2	*16380*	32.4	−28 58	8.2	9.0	Ko	5	..	40459b	52	4081	32.6	+19 14	8.7	*8.7*	Ao	2	..	37235i
3	16382	32.4	−29 5	8.8	10.1	Ko	2	..	40459b	53	3987	32.6	+12 54	7.9	*8.9*	Ko	2	..	38506i
4	17243	32.4	−30 2	9.88	10.7	G5	1	..	40459b	54	3916	32.6	+11 35	9.0	*9.1*	A3	3	..	10123b
5	13836	32.4	−34 31	8.9	9.6	Ko	4	..	39396b	55	4223	32.6	+ 6 26	8.9	*8.9*	B8	4	..	10123b
6	13596	32.4	−38 33	10.3	10.8	F5	3	..	39652b	56	4217	32.6	+ 5 6	9.8	*9.8*	B9	4	..	24086b
7	13617	32.4	−41 47	8.3	7.4	A2	7	..	39680b	57	5066	32.6	− 2 39	9.2	*9.2*	Ao	1	..	17051b
8	13499	32.4	−43 22	9.7	11.1	Ko	1	..	39680b	58	5029	32.6	− 5 48	9.1	*9.7*	Go	5	..	38065b
9	13463	32.4	−44 6	9.7	10.5	Ko	2	..	39680b	59	5064	32.6	−11 23	9.2	*9.8*	Go	2	..	39482b
10	*13352*	32.4	−44 59	8.87	9.3	Fo	5	..	39680b	60	*5423*	32.6	−12 58	8.5	*9.3*	G5	4	..	39482b
11	..	32.4	−45 48	var.	var.	Md	..	R	M	61	5436	32.6	−18 21	9.2	*9.8*	Go	4	..	39347b
12	13200	32.4	−48 25	9.3	9.9	G5	5	..	39681b	62	5633	32.6	−20 46	9.2	9.4	F8	5	..	39347b
13	7639	32.4	−58 30	6.8	8.5	Ko	8	..	39381b	63	17245	32.6	−30 31	7.5	8.0	Ao	9	..	40459b
14	2463	32.5	+52 17	6.58	*7.58*	Ko	6	..	37392i	64	15371	32.6	−32 21	10.8	11.0	Ao	1	..	39396b
15	2736	32.5	+46 22	8.2	*8.5*	Fo	4	..	37349i	65	13837	32.6	−34 39	9.9	10.1	A5	2	..	39396b
16	2735	32.5	+46 12	8.3	*8.3*	A	5	..	37349i	66	13411	32.6	−40 31	9.0	9.2	Fo	5	..	39652b
17	2927	32.5	+45 13	8.27	*9.45*	K5	1	..	37349i	67	*9629*	32.6	−52 58	8.2	8.9	Ao	4	..	41414b
18	*3625*	32.5	+35 0	6.95	*8.02*	K2	4	..	37885i	68	9450	32.6	−57 22	*10.1*	10.9	G5	1	..	39381b
19	3518	32.5	+33 14	7.9	*7.9*	B8	8	..	37885i	69	*7499*	32.6	−58 59	9.1	10.0	Go	3	..	39381b
20	4027	32.5	+17 48	8.3	*9.3*	K	1	..	37235i	70	1378	32.6	−77 19	*8.0*	8.0	Ao	7	..	42793b
21	4215	32.5	+ 5 14	8.51	*8.46*	B8	5	..	10123b	71	3837	32.7	+39 7	8.2	*8.3*	A2	4	..	38561i
22	4088	32.5	+ 3 9	10.5	*10.5*	B9	1	..	24086b	72	3706	32.7	+35 28	8.2	*8.2*	A	1	..	37885i
23	*3791*	32.5	− 0 59	9.0	*9.8*	G5	1	..	24449b	73	3705	32.7	+35 27	8.1	*8.1*	A	4	..	37885i
24	4861	32.5	− 4 52	5.52	*5.86*	F2	8	3,9	44056b	74	*3655*	32.7	+31 1	8.2	*8.3*	A3	4	..	37885i
25	5213	32.5	− 6 22	8.1	*9.1*	Ko	5	..	38065b	75	3714	32.7	+23 19	8.4	*8.4*	B9	3	..	37829i
26	5212	32.5	− 6 47	10.1	*11.1*	Ko	1	..	40847b	76	4157	32.7	+ 7 23	9.1	*9.1*	A	3	..	10123b
27	5411	32.5	−15 12	8.9	*9.4*	F8	5	..	39482b	77	*4169*	32.7	+ 5 5	9.5	*10.9*	Ma	..	..	M
28	5412	32.5	−15 44	9.2	*9.8*	Go	3	..	39347b	78	5413	32.7	−15 40	9.5	*10.5*	Ko	2	..	39347b
29	5383	32.5	−16 2	9.2	*9.2*	Ao	4	..	39347b	79	5636	32.7	−20 31	9.2	11.2	K2	2	..	39347b
30	15484	32.5	−24 21	9.3	10.3	Ko	2	..	19904b	80	14217	32.7	−25 48	9.4	9.4	A2	3	..	19904b
31	16912	32.5	−31 11	9.8	10.7	F8	2	..	39396b	81	14379	32.7	−26 6	8.6	9.4	Ko	3	..	19904b
32	16913	32.5	−31 38	8.0	8.3	Ao	8	..	39396b	82	14159	32.7	−27 36	8.2	9.1	Ko	5	..	40459b
33	15369	32.5	−32 14	9.9	10.1	Ao	3	..	39396b	83	16029	32.7	−28 50	6.56	6.6	B9	4	..	44540b
34	14367	32.5	−33 26	8.9	9.5	Ao	3	..	39396b	84	15373	32.7	−32 15	8.9	10.4	Ko	2	..	39396b
35	13286	32.5	−37 51	9.0	9.6	Go	3	..	39652b	85	13620	32.7	−35 3	8.78	9.5	K5	4	..	39396b
36	13408	32.5	−40 29	8.9	9.8	G5	3	..	39652b	86	13619	32.7	−41 2	9.2	9.5	F8	2	..	39680b
37	13618	32.5	−41 25	7.9	8.9	K2	4	..	39680b	87	9443	32.7	−54 27	7.3	7.0	A3	..	0,9	**56**,145
38	*13464*	32.5	−43 59	10.6	11.1	Go	1	..	39680b	88	7500	32.7	−59 5	*9.9*	10.2	Fo	2	..	39381b
39	13354	32.5	−45 31	6.24	6.8	A5	..	..	**56**,145	89	3043	32.7	−69 40	*8.6*	9.0	F5	5	..	20541b
40	13128	32.5	−46 25	8.5	10.2	K5	3	..	39668b	90	1257	32.7	−78 23	*9.0*	9.5	F8	3	..	42793b
41	12607	32.5	−50 11	7.26	8.4	K2	6	2,5	41414b	91	783	32.7	−82 24	*8.0*	9.2	K5	1	..	14161b
42	6096	32.5	−62 3	*8.2*	8.7	F8	8	..	40422b	92	742	32.8	+76 31	8.9	*8.9*	Ao	4	0,2	6443m
43	3816	32.5	−65 50	*9.5*	10.1	Go	2	..	40422b	93	3849	32.8	+21 46	6.80	*6.88*	A3	7	..	37235i
44	1053	32.6	+69 29	4.78	*5.78*	Ko	..	0, R	**56**,97	94	3918	32.8	+16 14	5.67	*6.67*	Ko	8	R	37235i
45	1730	32.6	+62 23	7.72	*8.72*	Ko	3	..	38067i	95	*3978*	32.8	+15 2	7.99	*7.99*	Ao	3	..	38808i
46	2066	32.6	+59 51	8.7	*9.7*	K	1	..	37970i	96	3990	32.8	+10 10	8.92	*9.99*	K2	2	..	10123b
47	2625	32.6	+51 7	8.2	*9.0*	G5	2	..	37392i	97	4090	32.8	+ 3 26	10.1	*10.1*	Ao	1	..	24086b
48	2873	32.6	+47 14	7.60	*7.60*	Ao	6	..	37349i	98	4050	32.8	+ 1 17	7.5	*7.5*	B9	4	4,10	38023i
49	3703	32.6	+35 27	8.6	*8.6*	A	1	..	37885i	99	*5138*	32.8	− 9 54	9.06	*9.62*	Go	3	..	38065b
50	3654	32.6	+30 47	8.6	*8.6*	A	2	..	37885i	100	14162	32.8	−27 18	9.3	9.1	A2	6	..	40459b

185200

19h 32m.8

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13369	32.8	−39 43	8.9	9.2	Go	4	..	39652b
2	13412	32.8	−40 5	9.22	9.2	G5	4	..	39652b
3	13129	32.8	−46 45	8.7	9.6	Go	4	..	39668b
4	13020	32.8	−47 8	9.7	9.7	A2	4	..	39668b
5	3629	32.9	+36 25	9.0	*9.1*	A2	2	..	38561i
6	3990	32.9	+12 28	7.9	*8.2*	Fo	4	..	38506i
7	4177	32.9	+ 9 30	8.9	*9.0*	A2	4	..	10123b
8	4178	32.9	+ 9 17	9.8	*9.8*	Ao	3	..	10123b
9	4226	32.9	+ 6 7	8.9	*10.1*	K5	2	..	10123b
10	3944	32.9	+ 2 39	9.3	*9.3*	Ao	4	..	24086b
11	5055	32.9	− 8 32	9.1	*10.1*	Ko	2	..	40604b
12	5192	32.9	− 9 22	9.5	*9.5*	Ao	3	..	38065b
13	5066	32.9	−11 22	8.7	*9.7*	Ko	4	..	39482b
14	5478	32.9	−12 24	9.5	*9.6*	A2	4	..	39482b
15	5538	32.9	−19 35	9.9	10.6	F2	2	..	39347b
16	*13370*	32.9	−38 58	10.6	11.3	A3	2	..	39652b
17	*13413*	32.9	−39 59	7.42	8.1	G5	8	..	39652b
18	13468	32.9	−44 53	9.46	9.9	F8	3	..	39680b
19	13358	32.9	−45 55	10.1	10.8	F5	3	..	39681b
20	13024	32.9	−47 3	9.7	10.2	F8	2	..	39668b
21	7640	32.9	−58 30	8.8	9.4	F8	4	..	39381b
22	3665	32.9	−67 9	*10.0*	10.6	Go	1	..	20541b
23	2688	32.9	−70 10	*9.2*	10.4	K5	1	..	20541b
24	3658	33.0	+30 6	7.46	*7.44*	B9	4	..	37885i
25	4162	33.0	+18 45	6.81	*7.99*	K5	4	..	37235i
26	5068	33.0	− 2 46	9.2	*9.3*	A2	2	..	17051b
27	5056	33.0	− 8 16	10.1	*10.2*	A2	2	..	40604b
28	5487	33.0	−14 41	10.4	*10.4*	Ao	2	..	39482b
29	5696	33.0	−17 19	8.7	*8.7*	Ao	8	..	39347b
30	5697	33.0	−17 44	10.4	*11.0*	Go	3	..	39347b
31	5540	33.0	−19 28	10.1	10.6	A2	3	..	39347b
32	14164	33.0	−27 43	10.1	10.3	G5	1	..	40459b
33	16035	33.0	−28 25	10.5	10.3	A3	1	..	40459b
34	13646	33.0	−36 31	9.9	10.4	Fo	1	R	39652b
35	13288	33.0	−37 10	9.9	9.9	F8	2	..	39652b
36	13604	33.0	−38 30	10.1	11.4	Ko	1	..	39652b
37	13505	33.0	−43 43	9.2	9.4	Fo	6	..	39680b
38	12195	33.0	−51 47	7.6	9.0	K2	4	..	41414b
39	2029	33.1	+57 33	8.1	*8.6*	F8	2	..	37970i
40	3841	33.1	+39 30	9.1	*9.1*	Ao	4	..	38561i
41	3446	33.1	+27 58	8.5	*9.5*	Ko	1	..	38509i
42	3893	33.1	+25 12	8.36	*8.50*	A5	2	..	37829i
43	4180	33.1	+ 9 56	9.5	*9.5*	Ao	2	..	10123b
44	4179	33.1	+ 9 24	9.0	*9.0*	Ao	5	..	10123b
45	4159	33.1	+ 7 28	9.8	*9.8*	Ao	3	..	10123b
46	4051	33.1	+ 1 32	9.1	*9.1*	B9	4	..	24086b
47	3804	33.1	− 0 42	7.5	*7.6*	A2	2	..	38023i
48	3794	33.1	− 1 30	9.8	*9.9*	A2	3	..	24449b
49	5388	33.1	−16 21	10.4	*11.4*	Ko	1	..	39347b
50	5440	33.1	−18 31	9.9	*10.9*	Ko	1	..	39347b
51	5543	33.1	−19 45	9.9	11.2	Ko	2	..	39347b
52	5638	33.1	−20 17	9.2	10.0	G5	4	..	39347b
53	14165	33.1	−27 57	10.3	10.3	G5	1	..	40459b
54	16039	33.1	−28 43	10.3	10.3	A5	1	..	40459b
55	16040	33.1	−28 52	10.1	9.4	Ao	3	..	40459b
56	*17252*	33.1	−29 58	10.3	9.9	Fo	2	..	40459b
57	13371	33.1	−39 40	6.60	7.2	A2	7	..	41747b
58	13621	33.1	−41 33	8.3	8.0	Ao	6	..	39680b
59	9632	33.1	−53 31	9.0	9.7	K2	1	..	41414b
60	6393	33.1	−61 1	9.2	10.0	G5	2	..	40422b
61	3286	33.1	−68 0	*8.5*	9.5	Ko	5	..	20541b
62	960	33.2	+71 7	8.5	*8.5*	Ao	2	..	37224i
63	2269	33.2	+53 20	7.24	*7.52*	Fo	6	..	37392i
64	*3059*	33.2	+50 1	6.63	*7.41*	G5	6	5:5	37392i
65	3412	33.2	+41 40	8.3	*8.3*	Ao	5	..	37349i
66	3800	33.2	+40 47	8.0	*8.0*	Ao	4	..	37349i
67	*3708*	33.2	+36 5	8.8	*8.8*	B9	2	..	38561i
68	3670	33.2	+29 7	6.26	*6.14*	B5	7	2,R	37885i
69	3412	33.2	+28 17	6.67	*7.23*	Go	5	0,R	38509i
70	3895	33.2	+25 56	8.2	*9.0*	G5	1	..	38509i
71	3995	33.2	+12 43	8.1	*9.1*	Ko	1	..	38506i
72	4228	33.2	+ 6 30	9.5	*10.6*	K2	1	..	24086b
73	3795	33.2	− 1 8	8.3	*8.3*	B9	5	0,3	24449b
74	5425	33.2	−13 27	10.4	*10.7*	F2	2	..	39482b
75	5544	33.2	−19 26	9.2	9.1	A2	6	..	39347b
76	15490	33.2	−24 25	9.0	9.1	Fo	3	..	19904b
77	15380	33.2	−32 42	7.73	9.0	Ko	8	..	39396b
78	13842	33.2	−34 16	8.7	9.5	G5	3	..	39396b
79	13608	33.2	−38 53	10.6	11.4	Ma	1	..	39652b
80	13623	33.2	−41 7	8.6	8.9	A2	4	..	39680b
81	13133	33.2	−46 55	9.2	9.9	F5	3	..	39668b
82	13028	33.2	−47 42	10.1	10.5	Ko	2	..	39660b
83	9246	33.2	−56 33	8.9	9.8	Ko	3	..	39381b
84	..	33.2	−63 49	..	..	K5	1	..	40422b
85	3667	33.2	−67 5	*9.3*	9.8	F8	3	..	20541b
86	3303	33.3	+43 30	6.78	*7.96*	K5	5	0,R	37349i
87	3801	33.3	+40 45	8.2	*8.2*	Ao	3	..	37349i
88	3687	33.3	+31 41	7.8	*8.8*	Ko	2	..	37885i
89	3615	33.3	+26 8	7.44	*8.22*	G5	3	..	37829i
90	3896	33.3	+25 20	8.0	*8.1*	A2	3	..	37829i
91	3852	33.3	+21 59	8.8	*8.8*	Ao	2	..	37235i
92	3997	33.3	+12 23	8.1	*8.9*	G5	2	..	38506i
93	39192a	33.3	+11 30	var.	var.	Md	..	R	M
94	4229	33.3	+ 6 23	9.3	*10.4*	K2	2	..	24086b
95	4171	33.3	+ 4 47	8.3	*9.1*	G5	7	..	24086b
96	4053	33.3	+ 1 17	9.3	*9.3*	B9	4	..	24086b
97	4265	33.3	+ 0 7	7.38	*7.44*	A2	4	3,10	38023i
98	5140	33.3	−10 23	6.60	*6.74*	A5	..	5,6	**56**,145
99	5481	33.3	−12 47	9.5	*10.3*	G5	2	..	39482b
100	5389	33.3	−16 32	10.1	*11.2*	K2	1	..	39347b

185300 — 19h 33m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5179	33.3	−22 49	9.2	9.7	Go	1	..	19904b
2	*15383*	33.3	−31 59	8.7	10.7	K5	1	..	39396b
3	12774	33.3	−49 35	10.1	9.9	F8	4	..	39681b
4	11498	33.3	−52 1	8.3	8.7	A2	3	..	41414b
5	9248	33.3	−56 48	*9.8*	10.3	F8	2	..	39381b
6	1369	33.4	+65 19	7.85	*7.93*	A3	5	0,5	38067i
7	*3884*	33.4	+16 1	8.9	*8.9*	Ao	2	..	37235i
8	4181	33.4	+ 9 26	9.8	*9.8*	B8	3	..	10123b
9	4168	33.4	+ 8 42	8.6	*8.7*	A2	1	..	38506i
10	4169	33.4	+ 8 32	7.9	*7.9*	Ao	5	..	38506i
11	4174	33.4	+ 4 21	10.1	*11.3*	K5	1	..	24086b
12	3806	33.4	− 0 53	8.7	*9.9*	K5	2	..	24449b
13	3796	33.4	− 1 19	9.5	*9.6*	A3	3	..	24449b
14	3797	33.4	− 1 29	9.3	*9.3*	Ao	3	..	24449b
15	5427	33.4	−13 54	8.1	*8.9*	G5	5	..	39482b
16	5489	33.4	−14 48	9.01	*10.01*	Ko	2	..	39482b
17	5417	33.4	−15 43	10.4	*11.4*	Ko	2	..	39347b
18	5698	33.4	−17 38	9.2	*9.8*	Go	4	..	39347b
19	14228	33.4	−25 18	9.6	10.0	F8	3	..	40459b
20	13649	33.4	−36 49	9.9	10.1	Ao	2	..	39652b
21	13292	33.4	−37 38	7.5	9.2	K5	4	..	39652b
22	7502	33.4	−59 3	*9.7*	11.1	Ma	2	..	39381b
23	7501	33.4	−59 41	8.9	9.6	Ao	6	..	39381b
24	6394	33.4	−61 11	9.2	10.2	F5	1	..	40422b
25	3045	33.4	−69 30	*9.4*	9.8	F5	2	..	20541b
26	827	33.5	+74 41	10.0	*10.8*	G5	2	..	6443m
27	828	33.5	+74 33	8.7	*8.8*	A5	5	2,7	37224i
28	2628	33.5	+51 52	8.6	*9.4*	G5	3	..	37392i
29	2929	33.5	+45 35	7.37	*7.65*	Fo	5	..	37349i
30	3677	33.5	+38 10	6.38	*6.33*	B8	7	3,7	38561i
31	3660	33.5	+30 12	7.91	*7.91*	Ao	2	..	37885i
32	3672	33.5	+29 23	7.26	*7.32*	A2	..	..	18344c
33	3416	33.5	+28 18	8.8	*8.8*	Ao	2	..	38509i
34	*3717*	33.5	+24 2	8.0	*8.0*	Ao	4	..	37829i
35	4090	33.5	+19 8	7.8	*7.9*	A2	4	..	37235i
36	4166	33.5	+18 35	8.6	*8.6*	A	2	R	37235i
37	4168	33.5	+18 22	6.91	*7.05*	A5	6	..	37235i
38	4183	33.5	+ 9 45	8.7	*8.7*	Ao	2	..	38506i
39	4170	33.5	+ 8 21	8.7	*9.3*	Go	4	..	10123b
40	5018	33.5	− 7 38	8.9	*9.9*	Ko	3	5,2	40847b
41	5195	33.5	− 9 44	9.5	*9.5*	Ao	3	..	38065b
42	5143	33.5	−10 34	8.3	*8.3*	Ao	6	..	38065b
43	5484	33.5	−12 51	9.9	*10.9*	Ko	1	..	39482b
44	5699	33.5	−17 8	6.56	*6.62*	A2	7	..	41860b
45	*13845*	33.5	−33 57	10.3	9.9	F8	2	..	39396b
46	13611	33.5	−38 22	8.6	11.2	K2	2	..	39652b
47	13207	33.5	−48 43	10.3	10.5	F5	2	..	39681b
48	12198	33.5	−51 45	7.9	8.4	F8	6	..	41414b
49	9154	33.5	−55 30	7.3	8.5	K2	6	..	39381b
50	7641	33.5	−58 15	9.0	9.3	Fo	5	..	39381b
51	3185	33.6	+44 29	5.16	*5.94*	G5	8	..	37349i
52	3814	33.6	+24 47	8.2	*8.2*	B9	2	..	37829i
53	3749	33.6	+22 34	7.7	*8.3*	Go	3	..	37829i
54	*3925*	33.6	+17 2	6.72	*6.72*	Ao	7	..	37235i
55	4184	33.6	+ 9 52	8.7	*8.7*	Ao	1	..	38506i
56	4222	33.6	+ 5 16	9.8	*9.8*	Ao	4	..	10123b
57	4095	33.6	+ 3 38	9.5	*10.5*	Ko	2	..	24086b
58	4665	33.6	− 3 47	8.9	*8.9*	Ao	3	..	17051b
59	*5217*	33.6	− 5 58	9.2	*10.4*	K5	1	..	38065b
60	5057	33.6	− 8 40	8.9	*8.9*	Ao	5	..	40604b
61	5485	33.6	−12 43	10.4	*10.9*	F8	2	..	39482b
62	*5428*	33.6	−12 55	10.5	*10.5*	Ao	2	..	39482b
63	5493	33.6	−14 29	8.7	*9.5*	G5	6	..	39482b
64	5545	33.6	−19 50	8.83	10.3	Mb	3	..	39347b
65	15499	33.6	−24 22	9.4	9.1	F5	3	..	19904b
66	17262	33.6	−30 9	9.0	9.8	Ko	3	..	40459b
67	13848	33.6	−34 22	8.6	9.2	G5	4	..	39396b
68	13613	33.6	−38 44	8.3	9.8	G5	5	..	39652b
69	13626	33.6	−41 8	9.9	9.8	Go	2	..	39680b
70	14381	33.6	−42 42	9.3	9.2	A2	5	..	39680b
71	13210	33.6	−48 48	10.1	10.8	G5	1	..	39681b
72	..	33.6	−64 19	..	..	K2	1	..	40422b
73	3307	33.7	+43 18	8.9	*10.1*	K5	..	..	M
74	*3844*	33.7	+40 0	7.92	*8.70*	G5	4	..	38561i
75	3815	33.7	+24 30	7.9	*8.0*	A2	4	..	37829i
76	4185	33.7	+ 9 49	8.5	*9.5*	Ko	1	..	38506i
77	4234	33.7	+ 6 32	9.8	*9.9*	A3	2	..	24086b
78	4266	33.7	+ 0 23	8.3	*9.5*	K5	4	..	24086b
79	5071	33.7	− 2 49	9.9	*9.9*	A	2	E	20397b
80	5031	33.7	− 5 39	9.2	*9.7*	F8	3	..	38065b
81	5196	33.7	− 9 4	9.5	*9.6*	A3	2	..	40604b
82	5429	33.7	−13 53	10.1	*10.4*	F2	2	..	39482b
83	*5494*	33.7	−13 58	9.9	*10.4*	F8	3	..	39482b
84	17264	33.7	−30 17	9.3	10.1	Ko	2	..	40459b
85	16934	33.7	−31 12	Cl.	Cl.	Con.	4	R	39396b
86	16935	33.7	−31 51	8.6	9.8	Ko	4	..	39396b
87	13628	33.7	−41 28	9.5	9.5	F5	2	..	39680b
88	14385	33.7	−42 2	8.3	8.9	Ko	5	..	39680b
89	13478	33.7	−44 46	10.3	11.3	Ko	1	..	39673b
90	6396	33.7	−61 35	9.1	10.4	Ko	4	..	40422b
91	3668	33.7	−67 12	*7.8*	8.1	Fo	8	..	20541b
92	2429	33.7	−72 33	*9.6*	9.7	A2	1	..	42526b
93	*865*	33.8	+74 1	9.0	*10.1*	K2	4	2,2	6443m
94	1539	33.8	+63 12	6.64	*7.71*	K2	6	..	38067i
95	3062	33.8	+49 59	4.64	*5.06*	F5	..	5,R	2919c
96	2918	33.8	+48 17	7.26	*8.33*	K2	3	..	37392i
97	3680	33.8	+38 22	6.84	*6.98*	A5	6	0,3	38561i
98	4164	33.8	+ 7 24	8.5	*9.5*	Ko	5	..	10123b
99	4235	33.8	+ 6 12	8.4	*8.4*	B9	8	..	10123b
100	4223	33.8	+ 5 34	9.5	*9.5*	Ao	3	..	10123b

185400

19h 33m.8

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5431	33.8	−13 23	10.4	*10.5*	A2	2	..	39482b
2	5390	33.8	−16 6	9.2	*9.8*	Go	5	..	39347b
3	*15617*	33.8	−22 57	9.0	9.2	G5	3	..	19904b
4	15618	33.8	−23 40	6.24	6.4	Ao	..	..	56,97
5	15501	33.8	−24 52	9.10	9.1	A2	5	..	19904b
6	15391	33.8	−32 43	9.3	10.1	Ko	2	..	39396b
7	13851	33.8	−34 12	10.1	10.1	Ko	1	..	39396b
8	13652	33.8	−36 51	10.1	10.1	Fo	2	..	39652b
9	13139	33.8	−46 12	9.2	10.5	K5	1	..	39668b
10	11503	33.8	−52 1	8.8	9.3	F8	2	..	41414b
11	293	33.8	−87 57	*9.1*	9.2	A2	6	0,5	22980b
12	329	33.9	+85 53	8.6	*9.6*	Ko	3	..	37294i
13	1734	33.9	+62 27	7.71	*8.78*	K2	2	..	37970i
14	2272	33.9	+56 46	6.74	*7.30*	Go	7	..	37970i
15	*3398*	33.9	+43 2	8.3	*9.7*	Ma	2	..	37349i
16	3900	33.9	+25 47	7.72	*7.70*	B9	4	..	37829i
17	3856	33.9	+21 39	7.8	*8.8*	Ko	2	..	37235i
18	*3928*	33.9	+17 2	7.42	*7.25*	B3	4	..	37235i
19	4001	33.9	+12 8	8.0	*9.0*	Ko	3	..	38506i
20	4002	33.9	+10 51	8.7	*10.1*	Ma	..	..	M
21	*4176*	33.9	+ 5 4	10.5	*10.5*	Ao	2	..	24086b
22	4100	33.9	+ 3 34	8.5	*8.5*	B8	7	..	24086b
23	4097	33.9	+ 3 9	6.37	*6.20*	B3	6	..	37965i
24	5392	33.9	−16 39	9.5	*10.0*	F8	4	..	39347b
25	5546	33.9	−19 16	9.7	9.7	F2	4	..	39347b
26	5547	33.9	−19 28	7.74	8.2	F5	8	..	39347b
27	14177	33.9	−27 46	9.3	8.8	Fo	7	..	40459b
28	13295	33.9	−37 31	9.9	11.0	Ko	1	..	39652b
29	13516	33.9	−43 36	9.7	10.8	F8	2	..	39680b
30	9635	33.9	−53 29	8.3	8.5	F5	4	..	41414b
31	3669	33.9	−67 45	*9.8*	9.9	A2	3	..	20541b
32	*3291*	33.9	−67 58	*8.9*	9.9	Ko	3	..	20541b
33	1543	33.9	−75 32	*9.1*	10.2	K2	1	..	42793b
34	*556*	34.0	+84 5	8.9	*9.2*	Fo	3	..	37294i
35	3637	34.0	+34 47	6.70	*7.88*	K5	4	..	37885i
36	4210	34.0	+20 34	6.50	*7.50*	Ko	5	0,5	37829i
37	4092	34.0	+19 38	8.0	*8.6*	G	2	..	37235i
38	4174	34.0	+ 8 56	9.5	*9.6*	A2	3	..	10123b
39	4099	34.0	+ 3 28	8.9	*9.9*	Ko	3	..	24086b
40	3949	34.0	+ 2 19	9.0	*10.1*	K2	1	..	24086b
41	3950	34.0	+ 2 13	8.6	*8.7*	A2	7	..	24086b
42	4670	34.0	− 3 24	8.7	*9.0*	Fo	4	..	20397b
43	5022	34.0	− 7 27	9.5	*10.6*	K2	2	3,1	40847b
44	5393	34.0	−16 16	10.1	*10.6*	F8	3	..	39347b
45	5473	34.0	−21 14	8.5	9.1	F2	5	..	19904b
46	5472	34.0	−21 34	9.1	9.1	A2	3	..	19904b
47	5183	34.0	−22 17	7.24	7.2	Ao	9	..	19904b
48	15506	34.0	−24 17	9.6	10.3	Ko	1	..	19904b
49	16940	34.0	−31 30	8.6	10.1	Ko	3	..	39396b
50	13630	34.0	−41 37	8.6	8.9	F5	4	..	39680b
51	*13481*	34.0	−43 57	9.7	10.5	Go	2	..	39680b
52	13212	34.0	−48 17	9.5	10.2	Ko	3	..	39668b
53	12782	34.0	−49 27	10.3	10.5	F8	1	..	39681b
54	7505	34.0	−59 14	7.3	8.5	Go	8	..	39381b
55	6097	34.0	−62 39	*9.6*	10.6	Ko	3	..	40422b
56	3064	34.1	+49 59	var.	var.	S	4	R	37392i
57	3808	34.1	+40 22	8.2	*8.7*	F8	2	..	38561i
58	4004	34.1	+10 39	8.7	*9.0*	Fo	2	..	38506i
59	*4224*	34.1	+ 6 2	10.5	*10.6*	A3	2	..	24086b
60	3807	34.1	− 0 43	9.3	*9.9*	Go	4	..	24449b
61	5487	34.1	−12 33	9.9	*10.4*	F8	3	..	39482b
62	5496	34.1	−14 16	9.2	*9.7*	F8	4	..	39482b
63	5394	34.1	−16 20	9.7	*10.7*	Ko	2	..	39347b
64	5395	34.1	−16 50	10.1	*11.1*	Ko	1	..	39347b
65	5701	34.1	−17 12	10.4	*10.8*	F5	3	..	39347b
66	5642	34.1	−20 14	8.1	8.5	Ao	8	..	39347b
67	15625	34.1	−23 40	6.13	7.0	Ko	10	..	19904b
68	14238	34.1	−25 3	9.05	9.4	Go	4	..	19904b
69	13297	34.1	−37 33	10.6	10.4	G5	1	..	39652b
70	13378	34.1	−39 3	10.3	11.3	K5	1	..	39652b
71	9251	34.1	−56 15	9.2	10.0	Go	3	..	39381b
72	9455	34.1	−57 23	7.8	8.5	G5	6	..	39381b
73	6098	34.1	−62 17	*9.9*	10.5	Go	2	..	40422b
74	3670	34.1	−67 11	*8.3*	8.6	F2	6	..	20541b
75	2630	34.2	+51 19	8.9	*9.0*	A3	2	..	37392i
76	*4189*	34.2	+10 4	8.87	*9.87*	Ko	1	..	10123b
77	4187	34.2	+ 9 8	8.7	*8.8*	A2	2	..	38506i
78	*4169*	34.2	+ 8 1	9.1	*9.7*	Go	5	..	10123b
79	4102	34.2	+ 3 35	9.3	*9.6*	Fo	4	..	24086b
80	3952	34.2	+ 2 32	8.5	*9.9*	Ma	2	..	24086b
81	3951	34.2	+ 2 6	9.0	*9.0*	B9	7	..	24086b
82	*4058*	34.2	+ 2 6	9.5	*9.5*	A	3	..	24086b
83	3799	34.2	− 1 31	9.3	*9.9*	Go	3	0,3	20397b
84	3800	34.2	− 1 42	8.3	*8.3*	B9	5	0,4	24449b
85	5023	34.2	− 7 7	9.1	*9.1*	B9	4	..	38065b
86	5433	34.2	−13 38	10.1	*10.6*	F8	2	..	39482b
87	5420	34.2	−15 24	6.75	*6.70*	B8	..	1,9	56,145
88	5703	34.2	−17 16	9.2	*9.6*	F5	5	..	39347b
89	5702	34.2	−17 24	10.4	*11.4*	Ko	1	..	39347b
90	5704	34.2	−17 41	9.1	*9.9*	G5	6	..	39347b
91	13298	34.2	−37 23	10.3	10.4	G5	1	..	39652b
92	13299	34.2	−37 53	10.8	10.4	G	2	..	39652b
93	14387	34.2	−42 44	9.2	9.2	Fo	4	..	39680b
94	13038	34.2	−47 0	10.1	10.8	Ko	1	..	39668b
95	13214	34.2	−48 54	8.0	8.7	Ko	7	..	39668b
96	3046	34.2	−69 48	*9.4*	10.4	Ko	2	..	20541b
97	*734*	34.3	+78 3	7.06	*7.34*	Fo	8	..	37224i
98	866	34.3	+73 34	10.3	*11.4*	K2	1	..	6443m
99	2273	34.3	+56 32	8.2	*9.2*	Ko	2	R	38807i
100	2185	34.3	+54 47	8.21	*9.28*	K2	1	..	38807i

185500 — 19h 34m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3529	34.3	+33 40	7.8	*8.6*	G5	4	..	37885i
2	4008	34.3	+12 30	9.1	*9.1*	Ao	1	..	38506i
3	*4190*	34.3	+10 0	8.97	*8.97*	Ao	5	..	10123b
4	4188	34.3	+ 9 15	8.7	*10.1*	Ma	1	..	10123b
5	4170	34.3	+ 7 9	9.3	*9.7*	F5	3	..	10123b
6	4226	34.3	+ 5 46	10.5	*10.5*	Ao	3	..	24086b
7	4225	34.3	+ 5 10	5.17	*5.00*	B3	..	0,9 R	56,97
8	4177	34.3	+ 4 9	9.5	*10.6*	K2	1	..	24086b
9	4059	34.3	+ 1 40	9.1	*9.1*	B9	4	..	24086b
10	5221	34.3	− 6 17	8.1	*8.9*	G5	4	..	38065b
11	*5024*	34.3	− 6 56	7.9	*8.0*	A2	3	..	44056b
12	5071	34.3	−11 50	9.2	*10.2*	Ko	1	..	39482b
13	5488	34.3	−12 10	9.2	*9.8*	Go	4	..	39482b
14	5421	34.3	−15 5	7.30	*7.25*	B8	8	..	39482b
15	5550	34.3	−19 9	9.5	10.9	G5	2	..	39347b
16	5644	34.3	−20 46	7.9	9.1	K5	4	..	19904b
17	14186	34.3	−27 32	9.6	8.3	Ao	7	..	40459b
18	13856	34.3	−34 9	8.6	8.9	A3	6	..	39396b
19	13655	34.3	−36 7	9.9	9.8	F2	2	..	39652b
20	13620	34.3	−38 8	9.9	11.2	Go	1	..	39652b
21	13380	34.3	−39 13	9.9	10.7	A5	3	..	39652b
22	9457	34.3	−57 25	*10.4*	10.9	F8	2	..	39381b
23	3450	34.3	−66 32	*7.5*	8.1	Go	8	..	40422b
24	*3193*	34.4	+45 0	8.37	*9.44*	K2	1	..	37349i
25	3812	34.4	+40 17	8.2	*8.2*	Ao	4	..	38561i
26	*3640*	34.4	+35 2	6.59	*7.59*	Ko	5	..	37885i
27	3694	34.4	+31 32	7.90	*8.90*	Ko	2	..	37885i
28	3903	34.4	+25 45	7.7	*7.8*	A3	3	..	37829i
29	3752	34.4	+22 49	7.01	*7.01*	Ao	6	0,6	37829i
30	3858	34.4	+21 40	7.9	*8.7*	G5	2	..	37235i
31	3808	34.4	− 0 2	9.5	*10.6*	K2	1	..	24086b
32	5072	34.4	−11 28	9.2	*10.0*	G5	1	..	39482b
33	5498	34.4	−14 17	7.02	*7.02*	Ao	9	..	39482b
34	5476	34.4	−21 32	8.1	7.9	B5	8	..	19904b
35	R	34.4	−22 57	8.8	9.1	G5	2	..	19904b
36	15627	34.4	−23 34	8.6	7.9	A2	7	..	19904b
37	15394	34.4	−32 27	9.3	9.9	Go	3	..	39396b
38	14391	34.4	−33 30	9.9	9.9	A3	2	..	39396b
39	14390	34.4	−33 38	9.3	9.8	G5	3	..	39396b
40	13521	34.4	−43 23	9.9	10.5	F5	3	..	39680b
41	13039	34.4	−47 30	10.1	10.9	K2	1	..	39668b
42	13215	34.4	−48 3	9.5	10.2	Ko	4	..	39668b
43	4001	34.4	−64 41	*9.3*	10.1	G5	1	..	40422b
44	1545	34.4	−75 9	*8.4*	9.4	Ko	3	..	42793b
45	610	34.4	−84 2	*7.9*	9.1	K5	4	..	14161b
46	701	34.5	+75 27	8.72	*9.14*	F5	4	0,3	6443m
47	3754	34.5	+22 53	7.7	*8.7*	Ko	3	..	37829i
48	4006	34.5	+10 10	8.87	*10.22*	Ma	2	5,1	10123b
49	3809	34.5	− 0 17	9.3	*9.3*	Ao	3	..	24086b
50	5491	34.5	−12 6	9.1	*9.6*	F8	4	..	39482b
51	5489	34.5	−12 46	9.9	*10.5*	Go	2	..	39482b
52	5499	34.5	−14 36	9.2	*10.0*	G5	1	..	39482b
53	5424	34.5	−15 30	9.2	*10.2*	Ko	2	..	39482b
54	5396	34.5	−16 52	9.9	*10.0*	A2	3	..	39347b
55	5447	34.5	−18 7	8.1	*9.2*	K2	5	..	39347b
56	5448	34.5	−18 33	8.1	*8.4*	Fo	7	..	39347b
57	13425	34.5	−40 12	11.3	11.2	Ao	2	..	39652b
58	..	34.5	−44 50	var.	var.	Md	..	R	M
59	9636	34.5	−53 11	6.9	7.6	A3	8	..	19920b
60	2691	34.5	−70 15	7.64	8.3	F5	8	..	20541b
61	1056	34.6	+69 34	8.7	*9.3*	Go	2	..	38067i
62	3683	34.6	+38 33	8.6	*9.6*	Ko	1	..	38561i
63	3643	34.6	+36 58	8.7	*8.8*	A2	1	..	38561i
64	4192	34.6	+ 9 9	8.4	*9.2*	G5	2	..	38506i
65	4177	34.6	+ 8 39	10.1	*10.1*	Ao	3	..	10123b
66	4228	34.6	+ 5 28	8.9	*10.0*	K2	2	..	24086b
67	5222	34.6	− 6 23	8.3	*8.9*	Go	5	..	38065b
68	5074	34.6	−11 30	10.1	*10.1*	Ao	2	..	39482b
69	5435	34.6	−13 25	8.7	*10.1*	Ma	3	..	39482b
70	5397	34.6	−16 11	9.7	*10.9*	K5	1	..	39347b
71	5706	34.6	−17 6	8.7	*8.7*	Ao	7	..	39347b
72	5705	34.6	−17 50	10.4	*10.4*	Ao	2	..	39347b
73	15512	34.6	−24 44	9.8	9.1	Fo	3	..	19904b
74	14393	34.6	−33 17	9.3	9.8	Fo	3	..	39396b
75	13658	34.6	−36 34	7.9	8.3	A5	7	..	39652b
76	13375	34.6	−45 8	8.6	9.4	Ko	5	..	39673b
77	12621	34.6	−50 20	9.2	9.6	Fo	3	..	19920b
78	7643	34.6	−58 33	*9.9*	10.7	G5	2	..	39381b
79	6400	34.6	−61 51	8.0	9.4	F8	6	..	40422b
80	*2638*	34.7	+52 4	8.0	*8.3*	Fo	5	..	37392i
81	3403	34.7	+42 59	8.9	*9.3*	F5	2	..	37349i
82	3533	34.7	+33 40	8.4	*8.4*	Ao	4	..	37885i
83	4036	34.7	+17 34	8.5	*8.9*	F5	2	..	37235i
84	4197	34.7	+ 9 58	8.77	*9.84*	K2	3	..	10123b
85	4195	34.7	+ 9 24	9.5	*10.0*	F8	2	..	10123b
86	4229	34.7	+ 5 32	9.3	*10.7*	Mb	2	5,2	21787b
87	5223	34.7	− 6 20	8.9	*8.9*	Ao	5	..	38065b
88	5062	34.7	− 8 12	7.60	*8.16*	Go	2	..	44056b
89	5075	34.7	−11 54	8.7	*8.7*	Ao	7	..	39482b
90	5398	34.7	−16 2	8.9	*9.9*	Ko	6	..	39347b
91	5477	34.7	−21 29	8.5	8.5	Go	5	..	19904b
92	14190	34.7	−27 56	7.6	9.1	K2	6	..	40459b
93	16424	34.7	−29 38	10.1	9.8	A5	3	..	40459b
94	14395	34.7	−33 5	11.7	10.7	A2	1	..	39396b
95	13486	34.7	−44 36	10.3	10.9	Go	2	..	39673b
96	12626	34.7	−50 44	7.4	8.1	Fo	7	..	19920b
97	9161	34.7	−55 43	8.5	8.2	Ao	5	..	39381b
98	7507	34.7	−59 16	*10.2*	10.2	B9	4	..	39381b
99	867	34.8	+73 26	9.5	*10.5*	Ko	1	..	6443m
100	*1057*	34.8	+70 2	7.69	*7.69*	Ao	6	2,5	38029i

185600 — 19h 34m.8

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3644	34.8	+36 39	8.8	*8.8*	Ao	1	..	38561i
2	3506	34.8	+32 11	7.28	*7.26*	B9	7	..	37885i
3	3673	34.8	+30 59	7.9	*7.9*	Ao	4	..	37885i
4	4101	34.8	+19 25	9.3	*9.3*	Ao	2	..	37235i
5	4179	34.8	+18 28	7.9	*7.8*	B5	4	..	37235i
6	4012	34.8	+12 18	9.1	*9.2*	A2	1	..	38506i
7	4172	34.8	+ 7 47	8.0	*8.0*	Ao	2	..	38506i
8	4171	34.8	+ 7 37	7.9	*8.0*	A2	2	..	38506i
9	4106	34.8	+ 3 42	10.5	*11.0*	F8	1	..	24086b
10	4674	34.8	− 3 20	8.9	*9.0*	A5	4	..	20397b
11	*5077*	34.8	−10 58	9.9	*10.9*	Ko	2	..	39482b
12	5492	34.8	−12 51	9.1	*9.1*	B9	5	..	39482b
13	15513	34.8	−24 34	10.3	9.1	A3	3	..	19904b
14	16947	34.8	−31 53	9.1	10.7	Ko	1	..	39396b
15	14396	34.8	−33 6	7.9	8.4	G5	7	..	39396b
16	13633	34.8	−41 24	9.5	9.8	A2	4	..	39680b
17	14394	34.8	−42 49	9.3	9.8	Go	2	..	39680b
18	2693	34.8	−70 52	7.24	8.4	Ko	10	..	20541b
19	2434	34.8	−72 13	*8.9*	9.5	Go	3	..	42526b
20	3535	34.9	+37 31	7.6	*8.6*	Ko	1	..	37885i
21	*3825*	34.9	+25 2	8.46	*8.46*	Ao	1	..	38509i
22	3936	34.9	+16 21	6.58	*7.76*	K5	4	..	37235i
23	4199	34.9	+ 9 9	9.1	*9.6*	F8	3	..	10123b
24	4243	34.9	+ 6 13	9.8	*10.3*	F8	2	..	24086b
25	4232	34.9	+ 5 49	10.1	*10.1*	Ao	4	..	10123b
26	3955	34.9	+ 2 36	10.1	*10.1*	B9	1	..	24086b
27	3810	34.9	− 0 32	8.1	*8.2*	A2	8	2,4	24086b
28	5226	34.9	− 6 5	8.9	*9.4*	F8	3	..	38065b
29	5428	34.9	−15 47	9.1	*10.3*	K5	3	..	39347b
30	5450	34.9	−18 25	10.4	*11.0*	Go	2	..	39347b
31	15516	34.9	−24 10	9.6	9.4	Fo	3	..	19904b
32	*17280*	34.9	−29 59	8.48	9.2	Ko	6	..	40459b
33	16948	34.9	−31 56	8.4	9.0	Ao	7	..	39396b
34	12629	34.9	−50 54	6.84	8.0	Ko	7	..	19920b
35	7510	34.9	−59 1	*10.0*	10.5	F8	2	..	39381b
36	3539	35.0	+33 7	7.8	*8.1*	F2	3	..	37885i
37	4015	35.0	+12 57	8.7	*8.8*	A2	2	..	38506i
38	4062	35.0	+ 1 10	9.3	*10.5*	K5	1	..	24086b
39	5036	35.0	− 5 41	6.76	*7.83*	K2	3	..	44056b
40	5026	35.0	− 7 50	9.5	*10.9*	Ma	1	..	40604b
41	5438	35.0	−13 7	9.5	*10.9*	Ma	1	..	39482b
42	5500	35.0	−14 20	9.7	*10.3*	Go	3	..	39482b
43	5429	35.0	−15 42	10.8	*11.8*	K	1	..	39347b
44	5399	35.0	−16 31	5.45	*6.45*	Ko	..	R	56,145
45	5710	35.0	−17 4	9.9	*10.4*	F8	3	..	39347b
46	5451	35.0	−18 23	9.9	*11.0*	K2	1	..	39347b
47	5553	35.0	−19 46	9.03	10.0	Ko	3	..	39347b
48	5479	35.0	−21 4	8.1	8.8	Ko	5	..	19904b
49	14412	35.0	−26 0	9.6	10.0	Ao	4	..	40459b
50	15401	35.0	−32 26	8.9	10.7	Ma	1	..	39396b
51	13304	35.0	−37 18	11.7	*13.1*	Ma	1	..	39652b
52	13634	35.0	−41 45	8.6	8.3	Ao	6	..	39680b
53	13157	35.0	−46 17	9.0	10.5	K5	2	..	39668b
54	13045	35.0	−47 26	10.3	10.9	G5	2	..	39668b
55	3294	35.0	−68 38	*9.7*	10.7	Ko	2	..	20541b
56	503	35.0	−85 11	*9.1*	10.2	K2	1	..	14161b
57	*2922*	35.1	+49 2	6.50	*7.50*	Ko	5	0,5	37392i
58	2936	35.1	+45 40	8.1	*8.2*	A5	4	..	37349i
59	*3648*	35.1	+37 6	8.7	*8.7*	Ao	1	..	38561i
60	3509	35.1	+32 20	7.9	*7.9*	B9	6	..	37885i
61	*3862*	35.1	+22 2	7.22	*7.56*	F2	5	..	37235i
62	3863	35.1	+21 7	7.45	*8.52*	K2	2	..	37235i
63	4182	35.1	+18 56	7.70	*8.70*	Ko	2	..	37235i
64	4037	35.1	+17 49	9.5	*9.5*	A	1	..	37235i
65	4180	35.1	+ 8 45	9.5	*10.3*	G5	2	..	21771b
66	4179	35.1	+ 8 13	9.1	*10.1*	Ko	2	..	10123b
67	4175	35.1	+ 7 19	7.16	*8.16*	Ko	3	..	38506i
68	4233	35.1	+ 5 23	10.5	*11.1*	Go	2	..	24086b
69	4064	35.1	+ 1 7	9.3	*9.4*	A5	3	..	24086b
70	5075	35.1	− 2 53	8.7	*9.8*	K2	1	..	17051b
71	5064	35.1	− 8 21	9.1	*10.1*	Ko	3	..	40604b
72	5501	35.1	−14 40	9.7	*10.7*	Ko	1	..	39482b
73	5400	35.1	−16 30	8.9	*9.5*	Go	6	..	39347b
74	5401	35.1	−16 37	8.9	*10.0*	K2	3	..	39347b
75	5452	35.1	−18 19	10.1	*10.9*	G5	2	..	39347b
76	5652	35.1	−20 16	9.1	9.7	F8	4	..	39347b
77	5191	35.1	−22 39	9.2	9.1	Go	2	..	19904b
78	15637	35.1	−23 53	8.15	9.7	Ko	3	..	19904b
79	*13662*	35.1	−35 58	8.6	9.0	G5	5	..	39652b
80	13635	35.1	−41 42	8.3	8.1	Go	6	..	39680b
81	13224	35.1	−48 9	11.6	10.8	A2	2	..	39668b
82	9260	35.1	−56 30	7.7	8.8	Mb	6	..	39381b
83	3451	35.1	−66 1	*10.1*	10.1	Ao	2	..	40422b
84	611	35.1	−84 38	*8.7*	9.8	K2	3	..	21397b
85	2275	35.2	+56 11	8.6	*9.2*	Go	2	..	38807i
86	3512	35.2	+32 52	8.2	*9.6*	Ma	..	..	M
87	3757	35.2	+22 30	8.4	*8.5*	A2	2	..	37235i
88	5654	35.2	−20 1	9.7	9.7	A2	3	..	39347b
89	5653	35.2	−20 38	9.2	10.0	Go	1	..	19904b
90	14403	35.2	−33 42	8.6	9.5	Ko	3	..	39396b
91	13308	35.2	−37 8	7.05	7.2	Ao	7	..	40902b
92	6099	35.2	−62 10	*9.8*	10.8	Ko	1	..	40422b
93	4539	35.2	−63 7	*9.6*	10.4	G5	2	..	40422b
94	3296	35.2	−68 23	*9.3*	10.1	G5	2	..	20541b
95	2187	35.3	+54 44	7.56	*8.91*	Ma	2	0,3	38807i
96	*3645*	35.3	+35 1	8.17	*8.73*	Go	2	..	37885i
97	4215	35.3	+20 33	8.00	*7.98*	B9	3	..	37235i
98	..	35.3	+ 9 34	..	..	A3	1	..	10123b
99	4181	35.3	+ 8 30	9.8	*10.9*	K2	1	..	21771b
100	4181	35.3	+ 4 6	8.4	*8.8*	F5	7	..	24086b

185700 — 19h 35m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No
		m.	° ′						
1	4110	35.3	+ 3 38	9.3	*9.3*	Ao	4	..	24086b
2	4109	35.3	+ 3 22	9.5	*10.6*	K2	2	..	24086b
3	3957	35.3	+ 2 38	8.5	*8.5*	B9	7	..	24086b
4	3811	35.3	− 0 27	8.7	*9.1*	F5	5	3,7	20397b
5	5065	35.3	− 8 16	10.8	*10.8*	Ao	2	..	40604b
6	5495	35.3	−12 14	9.2	*9.3*	A2	5	..	39482b
7	5431	35.3	−15 38	8.5	*9.3*	G5	5	..	39482b
8	17286	35.3	−30 22	9.4	9.9	F5	3	..	40459b
9	13379	35.3	−45 33	8.6	9.3	Ko	6	..	39673b
10	7645	35.3	−58 33	9.2	9.6	Ao	3	..	39381b
11	7647	35.3	−58 45	8.9	10.0	Ko	3	..	39381b
12	1383	35.3	−77 9	*7.6*	7.6	Ao	8	..	45404b
13	964	35.4	+71 23	6.71	*7.05*	F2	7	..	37224i
14	4109	35.4	+19 29	9.5	*9.5*	A	1	..	37235i
15	4017	35.4	+12 50	8.7	*9.7*	Ko	1	..	38506i
16	*4014*	35.4	+11 3	9.1	*9.2*	A2	1	..	38506i
17	4177	35.4	+ 7 54	9.5	*9.5*	Ao	3	..	10123b
18	4112	35.4	+ 3 46	10.5	*10.5*	Ao	2	..	24086b
19	5030	35.4	− 7 39	9.2	*9.8*	Go	3	..	40604b
20	5028	35.4	− 7 45	6.86	*7.42*	Go	4	..	44056b
21	5029	35.4	− 7 52	9.1	*9.9*	G5	4	..	40604b
22	5066	35.4	− 8 30	9.1	*10.1*	Ko	2	..	40604b
23	5203	35.4	− 9 21	8.6	*8.9*	F2	6	..	40604b
24	5504	35.4	−14 3	10.8	*10.8*	Ao	2	..	39482b
25	5657	35.4	−20 3	9.9	10.0	F8	2	..	39347b
26	5655	35.4	−20 36	8.7	9.1	F8	3	..	19904b
27	17288	35.4	−30 51	8.8	10.4	Ko	3	..	39396b
28	13381	35.4	−45 6	8.86	10.2	Ko	4	..	39673b
29	13162	35.4	−46 17	8.3	8.4	A3	8	..	39668b
30	9457	35.4	−54 2	7.8	8.8	K2	4	..	19920b
31	*829*	35.5	+75 7	7.77	*7.83*	A2	7	..	37224i
32	1981	35.5	+60 29	8.31	*8.45*	A5	2	..	37970i
33	3648	35.5	+34 43	8.0	*9.2*	K5	1	..	38561i
34	3684	35.5	+29 56	4.79	*5.79*	Ko	..	0, R	56,97
35	3685	35.5	+29 42	8.6	*10.0*	Ma	..	..	M
36	3454	35.5	+27 55	8.6	*8.9*	Fo	2	..	38509i
37	4111	35.5	+19 10	7.8	*8.6*	G5	2	..	37235i
38	4183	35.5	+ 4 26	9.5	*10.5*	Ko	1	..	24086b
39	4877	35.5	− 4 16	7.96	*7.96*	Ao	2	..	44056b
40	5068	35.5	− 8 5	9.1	*9.9*	G5	3	..	40604b
41	5712	35.5	−17 20	9.9	*11.0*	K2	2	..	39347b
42	14255	35.5	−25 5	8.55	8.8	Fo	5	..	19904b
43	14421	35.5	−26 38	8.8	10.0	F8	4	..	40459b
44	16959	35.5	−31 34	9.3	10.1	F2	3	..	39396b
45	13625	35.5	−38 7	8.6	10.4	Fo	4	..	39652b
46	13382	35.5	−45 16	9.5	10.2	Ko	3	..	39673b
47	13228	35.5	−48 26	8.9	9.0	F2	7	..	39668b
48	*9462*	35.5	−56 59	8.3	8.9	Go	6	..	39381b
49	4540	35.5	−63 13	*9.0*	10.4	Ma	2	..	40422b
50	3818	35.5	−65 43	*8.8*	9.6	G5	5	..	40422b
51	3672	35.5	−67 19	*9.0*	9.0	Ao	4	..	20541b
52	*2829*	35.6	+51 1	7.28	*8.28*	Ko	4	..	37392i
53	3651	35.6	+36 49	8.0	*9.0*	Ko	1	..	38561i
54	3730	35.6	+35 12	8.32	*9.32*	K	1	..	37885i
55	3677	35.6	+30 11	7.11	*7.09*	B9	5	..	37885i
56	3686	35.6	+29 31	7.6	*7.6*	Ao	4	..	37885i
57	3867	35.6	+21 20	8.2	*8.2*	B8	3	..	37235i
58	4042	35.6	+17 47	4.37	*4.93*	Go	..	5, R	56,97
59	..	35.6	+ 7 5	..	..	A2	2	..	24086b
60	4235	35.6	+ 5 13	8.11	*8.53*	F5	7	..	10123b
61	4113	35.6	+ 3 24	10.5	*10.5*	A	2	..	24086b
62	3813	35.6	− 0 52	5.52	*5.52*	Ao	9	..	38023i
63	3805	35.6	− 1 20	9.5	*9.5*	Ao	4	*1,4*	24449b
64	5078	35.6	−11 19	9.1	*10.1*	Ko	2	..	39482b
65	5442	35.6	−13 25	9.1	*9.1*	Ao	6	..	39482b
66	*5660*	35.6	−19 56	9.23	10.9	Mb	1	..	39347b
67	5658	35.6	−20 19	8.7	10.0	Mb	2	..	39347b
68	15526	35.6	−24 6	10.3	10.0	F8	1	..	19904b
69	16081	35.6	−28 55	9.1	10.3	K2	2	..	40459b
70	16443	35.6	−29 5	7.8	9.0	K2	4	..	40459b
71	13664	35.6	−36 52	6.90	7.1	F5	7	..	40902b
72	13313	35.6	−37 22	10.1	10.4	F8	1	..	39652b
73	13433	35.6	−40 22	10.6	10.4	A2	3	..	39652b
74	*14402*	35.6	−41 58	9.1	9.2	Ko	3	..	39680b
75	12797	35.6	−49 49	8.82	9.3	F5	5	..	39668b
76	9645	35.6	−53 56	8.3	8.9	K2	3	..	19920b
77	7319	35.6	−60 41	9.2	9.6	F8	4	*3,2*	40422b
78	330	35.7	+85 53	9.1	*9.9*	G5	2	..	37294i
79	702	35.7	+75 23	8.32	*9.50*	K5	3	*3,3*	6443m
80	3824	35.7	+40 24	7.47	*7.28*	B2	7	R	38561i
81	3832	35.7	+24 18	7.05	*8.05*	Ko	4	..	37829i
82	4016	35.7	+10 15	8.67	*8.73*	A2	1	..	38506i
83	4202	35.7	+ 9 33	8.1	*8.4*	F2	4	..	38506i
84	4182	35.7	+ 8 51	8.4	*8.4*	B9	2	..	38506i
85	5079	35.7	− 2 6	8.1	*8.6*	F8	6	0,2	17051b
86	5204	35.7	− 9 39	9.2	*10.2*	Ko	3	..	40604b
87	5404	35.7	−16 1	9.5	*10.0*	F8	4	..	39347b
88	5405	35.7	−16 24	9.9	*11.3*	Mb	1	..	39347b
89	5714	35.7	−17 35	9.7	*10.3*	Go	3	..	39347b
90	15652	35.7	−23 52	9.0	8.1	Ao	7	..	19904b
91	17293	35.7	−30 34	9.0	9.8	Ko	4	..	40459b
92	13627	35.7	−38 38	10.1	11.2	G5	1	..	39652b
93	14403	35.7	−42 14	9.9	9.8	F5	2	..	39680b
94	13528	35.7	−43 1	9.1	11.1	Ko	3	..	39680b
95	12798	35.7	−49 17	10.6	10.2	Go	2	..	39668b
96	9646	35.7	−53 3	*9.0*	9.1	A3	3	..	19920b
97	..	35.7	−83 9	..	..	A	1	..	21397b
98	869	35.8	+73 52	10.0	*10.6*	Go	2	..	6443m
99	1058	35.8	+69 35	8.1	*9.5*	Mb	5	..	37333i
100	1364	35.8	+64 50	8.7	*9.5*	G5	3	..	38067i

185800 — 19h 35m.8

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	2230	35.8	+56 5	8.6	9.6	Ko	1	..	38807i
2	3428	35.8	+28 42	8.5	9.5	Ko	1	..	38509i
3	3947	35.8	+16 6	7.33	7.28	B8	6	..	37235i
4	4181	35.8	+ 8 2	9.1	9.1	B8	5	..	10123b
5	4114	35.8	+ 3 39	9.5	10.5	Ko	3	..	24086b
6	3961	35.8	+ 2 16	9.5	10.9	Mb	2	0,1	37590b
7	4066	35.8	+ 1 32	8.5	9.1	G	7	..	24086b
8	4067	35.8	+ 1 26	7.9	7.9	B9	8	..	24086b
9	4680	35.8	− 3 6	8.7	8.7	B8	4	..	17051b
10	5432	35.8	−14 56	9.11	10.11	Ko	2	..	39482b
11	14262	35.8	−25 45	11.3	10.3	Ao	2	..	40459b
12	16446	35.8	−29 32	8.4	9.8	Ko	3	..	40459b
13	13399	35.8	−39 46	10.6	10.4	F8	2	..	39652b
14	13437	35.8	−40 54	9.2	10.1	F5	3	..	39652b
15	13529	35.8	−43 19	8.4	10.5	K2	3	..	39680b
16	3549	35.9	+37 27	8.6	8.6	B9	2	..	38561i
17	3651	35.9	+35 5	8.62	8.62	A	2	..	37885i
18	3688	35.9	+29 8	9.1	9.2	A2	2	..	38509i
19	3631	35.9	+26 58	9.1	9.1	Ao	2	..	38509i
20	3728	35.9	+23 16	8.8	9.1	F2	2	..	37829i
21	4205	35.9	+ 9 42	var.	var.	Md	..	R	M
22	4236	35.9	+ 5 53	8.9	10.1	K5	3	..	10123b
23	4270	35.9	+ 0 28	7.9	9.0	K2	6	..	24086b
24	5080	35.9	− 2 32	9.2	9.2	Ao	5	..	20397b
25	4880	35.9	− 4 9	8.1	9.5	Mb	2	..	17051b
26	5230	35.9	− 6 27	9.5	10.7	K5	1	..	40604b
27	5497	35.9	−12 10	8.5	9.5	Ko	4	..	39482b
28	5455	35.9	−18 4	10.4	11.4	Ko	1	..	39347b
29	5482	35.9	−21 47	8.7	9.1	Ko	2	..	19904b
30	13168	35.9	−46 5	9.3	11.1	K5	1	..	39668b
31	12638	35.9	−50 25	8.0	9.1	K2	3	..	19920b
32	12209	35.9	−51 11	7.8	9.6	K2	1	..	19920b
33	2436	35.9	−72 39	9.0	9.1	A2	2	..	42526b
34	2746	36.0	+46 40	8.9	9.4	F8	2	..	37349i
35	3319	36.0	+43 36	7.8	7.8	B8	5	..	37349i
36	3655	36.0	+36 51	8.2	9.3	K2	1	..	38561i
37	3547	36.0	+33 44	6.12	6.18	A2	10	..	37885i
38	3729	36.0	+23 39	8.0	8.6	Go	3	..	37829i
39	4186	36.0	+ 4 13	9.5	10.5	Ko	2	..	24086b
40	4115	36.0	+ 3 24	9.8	10.1	F2	3	..	24086b
41	3814	36.0	− 0 27	9.1	9.7	Go	3	..	20397b
42	5081	36.0	− 2 33	7.12	7.00	B5	4	3,8	38023i
43	5498	36.0	−11 58	9.2	10.0	G5	2	..	39482b
44	5407	36.0	−16 53	9.7	10.3	Go	3	..	39347b
45	5484	36.0	−21 4	8.9	9.1	G5p	3	R	19904b
46	5486	36.0	−21 6	9.5	9.1	Ao	3	..	19904b
47	15527	36.0	−24 38	10.3	10.0	F5	2	..	19904b
48	14411	36.0	−33 16	10.1	9.5	Ao	3	..	39396b
49	13401	36.0	−39 43	8.9	9.2	F2	6	..	39652b
50	13231	36.0	−48 27	8.0	9.0	Ko	8	..	39668b
51	6100	36.0	−62 3	9.8	10.8	Ko	2	..	40422b
52	3674	36.0	−67 32	8.8	9.6	G5	4	..	20541b
53	1362	36.0	−76 39	9.1	9.6	F8	2	..	42793b
54	703	36.1	+75 35	10.3	11.1	G5	1	..	6443m
55	1542	36.1	+63 37	8.7	9.5	G5	2	..	38067i
56	3632	36.1	+26 46	7.20	7.15	B8	7	..	37829i
57	3914	36.1	+25 58	9.1	9.1	A	2	..	37829i
58	3731	36.1	+23 15	6.92	6.98	A2	6	1,7	37235i
59	4218	36.1	+20 15	6.44	6.20	Bo	6	0,3	1660b
60	4022	36.1	+12 19	8.5	8.5	Ao	3	..	38506i
61	3963	36.1	+ 3 4	9.3	10.3	Ko	2	..	24086b
62	5073	36.1	− 8 52	8.9	9.9	Ko	5	..	40604b
63	5197	36.1	−22 37	9.2	10.6	K2	1	..	19904b
64	15658	36.1	−23 49	10.8	10.6	A2	1	..	19904b
65	16966	36.1	−31 36	9.0	9.8	Fo	5	..	39396b
66	12803	36.1	−49 22	10.1	10.2	G5	2	..	39668b
67	9467	36.1	−57 55	10.0	10.6	Go	2	..	39381b
68	7649	36.1	−58 28	9.5	10.5	Ko	2	..	39381b
69	3819	36.1	−65 16	9.2	9.6	F5	5	..	40422b
70	871	36.2	+74 4	8.9	8.9	Ao	5	0,7	37224i
71	3200	36.2	+44 12	6.96	7.96	Ko	6	..	37349i
72	3413	36.2	+42 35	5.39	5.34	B8	..	0,9	56,98
73	3695	36.2	+38 25	8.4	9.5	K2	1	..	38561i
74	3868	36.2	+21 20	7.7	7.7	Ao	5	..	37235i
75	3942	36.2	+11 41	7.7	9.1	Ma	2	..	38506i
76	4206	36.2	+ 9 11	8.6	9.6	Ko	3	..	10123b
77	3964	36.2	+ 2 56	9.5	10.6	K2	2	..	24086b
78	5082	36.2	− 2 45	10.1	10.4	F	2	..	20397b
79	4882	36.2	− 4 4	9.1	9.1	Ao	3	..	20397b
80	5456	36.2	−18 36	9.2	9.7	F8	4	..	39347b
81	15661	36.2	−23 53	9.6	10.0	G5	2	..	19904b
82	14264	36.2	−25 34	10.1	9.7	G5	3	..	40459b
83	14430	36.2	−26 41	8.0	10.0	K2	3	..	40459b
84	15411	36.2	−32 29	8.3	8.9	F8	6	..	39396b
85	13438	36.2	−40 22	9.9	9.8	A2	4	..	39652b
86	13533	36.2	−43 30	9.9	11.3	G5	2	..	39680b
87	13502	36.2	−44 38	8.5	9.0	Ko	7	..	39673b
88	13054	36.2	−47 29	10.6	10.5	G5	2	..	39668b
89	7650	36.2	−58 13	9.0	9.6	Ao	4	..	39381b
90	3675	36.2	−67 17	7.9	8.4	F8	7	..	20541b
91	744	36.3	+76 26	8.8	9.8	Ko	3	..	6443m
92	2646	36.3	+51 36	8.3	9.1	G5	1	..	38807i
93	2887	36.3	+47 29	8.6	8.6	Ao	3	..	37349i
94	3696	36.3	+38 40	8.7	8.7	Ao	2	..	38561i
95	3550	36.3	+33 7	8.6	8.6	A	1	..	37885i
96	3713	36.3	+31 49	7.6	7.6	B9	5	..	37885i
97	3956	36.3	+16 15	9.0	9.0	A	1	..	37235i
98	4020	36.3	+10 27	7.93	8.43	F8	3	..	38506i
99	4208	36.3	+ 9 28	9.3	10.3	Ko	2	..	10123b
100	4239	36.3	+ 6 1	9.8	10.9	K2	1	..	24086b

185900

19h 36m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4238	36.3	+ 5 36	9.0	*9.5*	F8	4	..	10123b
2	5085	36.3	− 2 38	9.5	*10.7*	K5	2	..	20397b
3	5510	36.3	−14 0	10.1	*10.5*	F5	2	..	39482b
4	5457	36.3	−18 13	9.1	*9.7*	Go	4	..	39347b
5	14267	36.3	−25 6	6.60	7.4	A5	..	3,10	**28**,215
6	17299	36.3	−30 54	9.6	10.4	Go	2	..	39396b
7	13317	36.3	−37 41	7.31	8.0	Fo	8	..	39652b
8	13535	36.3	−43 1	9.2	10.5	F5	4	..	39680b
9	13504	36.3	−44 41	10.3	10.8	Ko	1	..	39673b
10	13172	36.3	−46 35	9.2	10.5	K2	2	..	39668b
11	9268	36.3	−56 31	8.1	9.4	K2	4	..	39381b
12	2193	36.4	+54 44	5.86	*6.28*	F5	6	..	37392i
13	3653	36.4	+34 55	8.0	*8.0*	Ao	4	..	37885i
14	*3917*	36.4	+26 5	7.7	*7.7*	B8	5	..	37829i
15	3733	36.4	+23 29	6.41	*6.24*	B3	9	2,7	37829i
16	4210	36.4	+ 9 48	9.1	*10.1*	Ko	2	2,2	21771b
17	4209	36.4	+ 9 39	9.0	*9.5*	F8	4	..	10123b
18	*4183*	36.4	+ 9 1	9.5	*10.3*	G5	1	..	21771b
19	4252	36.4	+ 6 18	8.9	*9.9*	Ko	2	..	24086b
20	4240	36.4	+ 5 34	10.5	*10.6*	A2	3	..	24086b
21	4241	36.4	+ 5 7	9.8	*10.1*	F2	2	..	24086b
22	4187	36.4	+ 4 24	10.5	*11.5*	Ko	1	..	24086b
23	4117	36.4	+ 3 43	9.1	*9.1*	Ao	8	..	24086b
24	*4069*	36.4	+ 2 4	9.0	*9.6*	Go	6	..	24086b
25	5085	36.4	−11 30	8.7	*9.3*	Go	5	..	39482b
26	5086	36.4	−11 49	8.7	*8.8*	A2	7	..	39482b
27	5489	36.4	−21 24	9.2	10.0	G5	1	..	19904b
28	13674	36.4	−36 13	7.54	8.3	Ko	8	..	39396b
29	13174	36.4	−46 54	8.5	9.7	Ko	5	..	39668b
30	12213	36.4	−51 50	9.3	9.3	A2	4	..	19920b
31	9469	36.4	−57 18	8.5	9.5	G5	4	..	39381b
32	7652	36.4	−58 40	*10.2*	11.3	K2	1	..	39381b
33	7651	36.4	−58 54	*9.6*	10.0	F5	4	..	39381b
34	2833	36.5	+50 52	8.04	*8.46*	F5	3	..	37392i
35	4047	36.5	+17 46	9.1	*9.1*	B8	2	..	37235i
36	4098	36.5	+13 35	5.84	*5.67*	B3	..	2,8	**56**,98
37	4099	36.5	+13 22	8.0	*8.0*	Ao	2	..	38506i
38	4027	36.5	+12 56	7.24	*7.74*	F8	5	..	38506i
39	4184	36.5	+ 8 54	10.5	*11.5*	Ko	1	..	21771b
40	4182	36.5	+ 7 22	8.9	*8.9*	Ao	3	E	24086b
41	4253	36.5	+ 6 57	8.9	*9.3*	F5	3	..	24086b
42	4242	36.5	+ 5 13	8.46	*8.46*	Ao	7	..	10123b
43	4188	36.5	+ 4 50	10.5	*10.5*	Ao	2	..	24086b
44	..	36.5	+ 4 32	..	..	Ao	3	..	24086b
45	4070	36.5	+ 1 29	8.9	*8.9*	Ao	5	..	24086b
46	4883	36.5	− 4 31	7.92	*7.90*	B9	3	..	44056b
47	5087	36.5	−11 18	9.5	*9.6*	A2	3	..	39482b
48	15531	36.5	−24 47	9.6	10.0	G5	1	..	19904b
49	14269	36.5	−25 55	9.3	10.3	Ko	2	..	40459b
50	16970	36.5	−31 30	9.1	9.8	G5	3	..	39396b
51	13058	36.5	−47 16	9.2	9.7	F5	5	..	39668b
52	7518	36.5	−59 12	9.2	10.0	Go	4	..	39381b
53	4541	36.5	−63 17	*8.7*	9.5	G5	4	..	40422b
54	3452	36.5	−66 24	*8.9*	9.3	F5	4	..	40422b
55	2940	36.6	+45 43	6.34	*7.12*	G5	6	..	37349i
56	3441	36.6	+41 23	8.5	*9.5*	Ko	2	..	37349i
57	3838	36.6	+24 20	8.2	*8.7*	F8	4	..	37829i
58	4048	36.6	+17 15	4.45	*5.45*	Ko	..	R	**56**,98
59	3947	36.6	+11 43	9.1	*9.1*	Ao	3	..	10123b
60	4212	36.6	+ 9 58	8.57	*8.57*	Ao	2	..	38506i
61	4211	36.6	+ 9 9	9.3	*9.9*	Go	3	...	21771b
62	4254	36.6	+ 6 47	8.9	*9.2*	Fo	4	..	24086b
63	*4243*	36.6	+ 6 3	9.8	*9.8*	Ao	2	..	24086b
64	4118	36.6	+ 3 56	9.1	*9.1*	Ao	8	..	24086b
65	4071	36.6	+ 1 58	10.1	*11.2*	K2	1	..	24086b
66	5209	36.6	− 9 26	6.58	*7.65*	K2	4	..	44056b
67	5155	36.6	−10 20	9.2	*10.4*	K5	1	..	39482b
68	5458	36.6	−18 45	9.2	*10.0*	G5	4	..	39347b
69	15532	36.6	−24 37	7.8	8.2	Fo	8	..	19904b
70	13441	36.6	−40 40	9.9	10.7	Ko	2	5,2 R	39673b
71	13650	36.6	−41 20	9.3	8.9	Fo	6	5,3	39673b
72	14410	36.6	−42 50	9.9	10.7	Ko	2	..	39680b
73	13235	36.6	−48 49	11.0	10.2	Ko	1	..	39668b
74	3453	36.6	−66 7	*9.8*	10.6	G5	1	..	40422b
75	295	36.6	−87 45	*8.2*	8.8	Go	7	5,7	15173b
76	1545	36.7	+63 49	7.9	*7.9*	B9	4	..	37333i
77	1544	36.7	+63 30	8.1	*8.4*	F2	3	..	38067i
78	2282	36.7	+53 57	7.8	*8.3*	F8	4	..	37392i
79	3442	36.7	+41 59	8.3	*8.4*	A2	3	..	37349i
80	3865	36.7	+39 7	8.8	*8.9*	A2	2	..	38561i
81	3716	36.7	+31 18	8.6	*8.6*	Ao	2	..	37885i
82	3461	36.7	+27 29	8.0	*8.8*	G5	1	..	38509i
83	3640	36.7	+26 54	8.1	*8.1*	Ao	4	..	37829i
84	3736	36.7	+23 15	7.9	*8.2*	F2	3	..	37829i
85	4190	36.7	+ 4 30	9.3	*10.4*	K2	3	..	24086b
86	4189	36.7	+ 4 9	10.5	*10.5*	Ao	2	..	24086b
87	4274	36.7	+ 0 10	9.3	*9.6*	F2	4	..	24086b
88	5037	36.7	− 7 51	9.5	*10.1*	Go	3	..	40604b
89	5156	36.7	−10 30	9.5	*10.3*	G5	2	..	39482b
90	5436	36.7	−15 12	8.7	*8.7*	Ao	5	..	39482b
91	16972	36.7	−31 25	10.1	10.4	Fo	3	..	39396b
92	13676	36.7	−36 37	9.3	10.1	Ao	2	..	39652b
93	13506	36.7	−44 23	7.6	8.4	Ko	9	..	39673b
94	13507	36.7	−44 33	9.7	9.9	A2	5	..	39673b
95	9271	36.7	−56 28	9.1	10.6	K2	2	..	39381b
96	1838	36.7	−74 22	*8.1*	8.4	Fo	6	..	42526b
97	786	36.7	−82 38	*8.7*	9.8	K2	2	..	21397b
98	830	36.8	+74 44	8.1	*9.1*	Ko	6	0,4	6443m
99	3717	36.8	+31 11	7.11	*8.11*	Ko	4	..	37885i
100	3462	36.8	+27 32	8.2	*8.6*	F5	2	..	38509i

186000

19h 36m.8

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4120	36.8	+19 55	8.4	*8.7*	Fo	2	..	37235i
2	4256	36.8	+ 6 57	8.3	*8.3*	Ao	2	E	38506i
3	..	36.8	+ 3 52	..	..	Ao	1	..	24086b
4	5447	36.8	−13 34	8.2	*8.2*	Ao	6	..	39482b
5	5413	36.8	−16 22	5.10	*5.38*	Fo	..	R	**56**,145
6	5412	36.8	−16 34	9.2	*9.2*	Ao	4	..	39347b
7	5667	36.8	−20 11	9.2	10.3	Ko	1	..	19904b
8	15670	36.8	−23 19	10.1	9.7	A5	2	..	19904b
9	17309	36.8	−30 50	9.8	10.4	F8	2	..	39396b
10	13319	36.8	−37 13	8.7	9.2	F2	4	..	39652b
11	13652	36.8	−41 3	9.2	9.5	F8	6	*3,4*	39673b
12	13541	36.8	−43 41	9.5	9.9	F5	5	..	39680b
13	13395	36.8	−45 20	9.0	9.4	Fo	6	..	39673b
14	12808	36.8	−49 16	10.3	10.8	G5	1	..	39668b
15	9273	36.8	−56 57	*9.3*	9.8	F8	2	..	39381b
16	3303	36.8	−68 53	*8.2*	9.2	Ko	6	..	20541b
17	745	36.9	+76 14	8.62	*9.18*	Go	4	*5,2*	6443m
18	2234	36.9	+55 12	8.86	*9.42*	Go	1	..	38807i
19	2749	36.9	+46 20	9.3	*9.3*	Ao	1	..	37349i
20	3868	36.9	+39 27	9.1	*9.9*	G5	2	..	38561i
21	3767	36.9	+22 13	6.44	*7.51*	K2	5	..	37235i
22	4051	36.9	+17 57	8.4	*8.4*	B9	3	..	37235i
23	4191	36.9	+ 4 42	10.1	*10.1*	B9	3	..	24086b
24	4119	36.9	+ 3 59	10.5	*10.5*	Ao	5	..	24086b
25	4275	36.9	+ 0 57	8.19	*8.61*	F5	4	..	24086b
26	4889	36.9	− 4 18	9.2	*9.7*	F8	2	..	20397b
27	5213	36.9	− 9 34	8.8	*9.2*	F5	5	..	40604b
28	14273	36.9	−25 47	9.6	10.3	K2	2	..	40459b
29	16976	36.9	−31 22	9.4	10.1	Ko	2	..	39396b
30	16977	36.9	−31 53	8.4	9.8	G5	5	..	39396b
31	14420	36.9	−33 53	7.46	8.6	K2	7	..	39396b
32	13409	36.9	−39 7	7.9	8.4	Ao	10	..	39652b
33	1377	37.0	+65 23	8.9	*9.9*	Ko	1	..	38067i
34	4107	37.0	+13 36	8.7	*8.7*	Ao	1	..	38506i
35	4278	37.0	+ 0 54	8.3	*8.3*	B9	7	..	24086b
36	3820	37.0	− 0 15	9.5	*9.6*	A3	2	..	20397b
37	3819	37.0	− 0 42	9.3	*9.3*	Ao	5	..	20397b
38	4685	37.0	− 3 18	9.7	*9.8*	A2	3	..	20397b
39	5237	37.0	− 6 19	8.0	*8.5*	F8	6	..	40604b
40	5460	37.0	−18 26	8.5	*9.1*	Go	6	..	39347b
41	16106	37.0	−28 53	8.4	9.1	F5	4	..	40459b
42	13322	37.0	−37 47	6.16	6.6	B8	..	..	**56**,145
43	13411	37.0	−39 9	8.6	9.8	Ko	3	..	39652b
44	13237	37.0	−48 0	9.9	10.2	F8	2	..	39668b
45	11520	37.0	−52 25	8.3	8.8	F5	3	..	19920b
46	7653	37.0	−58 13	9.0	9.6	A2	5	..	39381b
47	3522	37.1	+32 23	var.	var.	Nb	..	R	M
48	3961	37.1	+16 12	8.9	*9.0*	A2	2	..	37235i
49	4215	37.1	+ 9 36	9.5	*10.6*	K2	2	..	10123b
50	4245	37.1	+ 5 30	9.3	*9.6*	F2	4	..	24086b
51	*5075*	37.1	− 7 58	9.1	*10.1*	Ko	3	..	40604b
52	5501	37.1	−12 42	9.7	*9.7*	Ao	2	..	39482b
53	5722	37.1	−17 33	10.6	*11.7*	K2	1	..	39347b
54	5721	37.1	−17 54	9.9	*10.5*	Go	3	..	39347b
55	5462	37.1	−18 46	9.2	*10.0*	G5	4	..	39347b
56	5494	37.1	−21 43	8.5	9.1	Ko	3	..	19904b
57	15419	37.1	−32 46	8.3	9.9	K2	3	..	39396b
58	13448	37.1	−40 40	9.3	10.1	Ko	3	*5,3*	39673b
59	13513	37.1	−44 55	10.3	10.9	Go	1	..	39673b
60	13062	37.1	−47 49	9.9	10.2	F5	3	..	39668b
61	11521	37.1	−52 35	8.4	9.3	Ko	2	..	19920b
62	704	37.2	+75 58	10.0	*10.1*	A2	2	..	6443m
63	831	37.2	+74 7	7.13	*8.13*	Ko	7	0,8	37224i
64	904	37.2	+72 54	8.8	*9.1*	F2	6	*2,3*	6443m
65	4261	37.2	+ 6 10	9.5	*10.5*	Ko	1	..	24086b
66	4247	37.2	+ 5 39	9.5	*10.5*	Ko	1	..	24086b
67	4120	37.2	+ 3 22	10.5	*11.6*	K2	1	..	24086b
68	5438	37.2	−15 35	8.9	*8.9*	Ao	4	..	40578b
69	5419	37.2	−16 41	9.5	*10.5*	Ko	4	..	39347b
70	13643	37.2	−38 29	9.9	9.8	Go	4	..	39652b
71	13449	37.2	−40 38	9.9	10.4	G5	2	..	39652b
72	12648	37.2	−50 50	9.7	9.6	F8	1	..	19920b
73	7322	37.2	−60 57	*9.9*	10.2	Fo	2	..	40422b
74	3841	37.3	+40 50	8.4	*9.6*	K5	1	..	38561i
75	3466	37.3	+27 28	7.7	*7.8*	A3	3	..	37829i
76	4001	37.3	+14 8	8.5	*8.6*	A2	2	..	38506i
77	*4034*	37.3	+13 0	8.5	*8.5*	Ao	3	..	38506i
78	4035	37.3	+12 40	8.9	*9.0*	A2	1	..	38506i
79	4217	37.3	+ 9 45	8.1	*9.1*	Ko	3	..	10123b
80	4216	37.3	+ 9 22	9.0	*10.1*	K2	3	..	10123b
81	5043	37.3	− 5 52	9.7	*10.2*	F8	2	..	40604b
82	5216	37.3	− 9 27	8.9	*10.1*	K5	2	..	40604b
83	5420	37.3	−16 15	8.5	*9.0*	F8	6	..	40578b
84	*5496*	37.3	−20 55	9.7	9.5	F5	1	..	19904b
85	13655	37.3	−35 30	7.9	8.6	Go	8	..	39396b
86	13416	37.3	−39 40	9.9	9.8	F8	3	..	39652b
87	..	37.3	−42 5	var.	var.	Md	..	R	M
88	13545	37.3	−43 36	10.3	11.1	G5	1	..	39680b
89	13400	37.3	−45 41	10.1	11.3	K5	1	..	39673b
90	*12218*	37.3	−50 59	9.7	9.9	Go	1	..	19920b
91	7654	37.3	−58 34	9.1	10.0	F8	2	..	39381b
92	7323	37.3	−60 32	*9.4*	10.5	K2	2	..	40422b
93	6102	37.3	−62 25	*10.0*	10.8	G5	2	..	40422b
94	832	37.4	+74 46	9.8	*10.3*	F8	2	..	6443m
95	1060	37.4	+69 30	9.0	*9.1*	A5	2	..	37333i
96	2947	37.4	+45 27	8.5	*8.8*	Fo	2	..	37349i
97	3692	37.4	+30 29	7.16	*7.94*	G5	6	R	32375i
98		37.4	+30 29			A3			
99	3690	37.4	+30 25	9.0	*9.0*	A	2	..	38509i
100	3739	37.4	+23 51	8.7	*9.3*	G	2	..	37829i

186100 — $19^h\ 37^m.4$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3970	37.4	+ 2 31	9.3	*9.3*	Ao	4	..	24086b
2	3969	37.4	+ 2 15	9.5	*10.7*	K5	1	..	24086b
3	4073	37.4	+ 1 28	10.1	*11.5*	Ma	1	5,1	24086b
4	4075	37.4	+ 1 21	7.7	*8.3*	Go	9	..	24086b
5	5090	37.4	− 2 49	9.1	*10.3*	K5	1	..	20397b
6	5241	37.4	− 6 43	8.3	*9.4*	K2	3	..	40604b
7	5518	37.4	−14 28	8.8	*9.8*	Ko	4	..	39482b
8	5421	37.4	−16 47	9.9	*10.9*	Ko	3	..	39347b
9	5561	37.4	−19 21	8.1	9.2	K2	5	..	39347b
10	15679	37.4	−23 51	9.0	9.1	A2	4	..	19904b
11	*16466*	37.4	−28 59	9.6	9.8	F8	2	..	40459b
12	13885	37.4	−34 56	8.44	8.9	A2	8	..	39396b
13	7519	37.4	−59 50	8.16	8.7	Ao	7	..	39381b
14	*4543*	37.4	−62 59	*8.4*	9.5	K2	4	..	40422b
15	4542	37.4	−63 29	*9.8*	10.6	G5	2	..	40422b
16	3305	37.4	−68 19	*9.2*	9.5	Fo	5	..	20541b
17	2061	37.4	−73 46	*7.8*	7.8	Ao	9	..	42526b
18	1549	37.5	+63 15	8.7	*9.5*	G5	2	E	37333i
19	2045	37.5	+57 8	8.9	*9.9*	Ko	1	..	38807i
20	3208	37.5	+44 33	7.38	*8.38*	Ko	6	..	37349i
21	3419	37.5	+42 50	6.39	*7.74*	Ma	..	0,5	**56**,98
22	3954	37.5	+11 58	6.26	*6.24*	B9	5	..	38506i
23	4187	37.5	+ 7 52	9.3	*10.1*	G5	2	..	10123b
24	4122	37.5	+ 3 7	10.1	*10.7*	Go	1	..	24086b
25	3822	37.5	− 0 49	10.1	*10.1*	Ao	3	..	20397b
26	5077	37.5	− 8 46	9.7	*10.7*	Ko	1	..	40604b
27	5441	37.5	−15 25	8.7	*8.8*	A5	6	..	39347b
28	5674	37.5	−20 24	8.9	9.5	Ko	2	..	19904b
29	16991	37.5	−31 7	8.8	11.0	K5	1	..	39396b
30	13660	37.5	−35 13	9.3	10.2	K2	3	..	39396b
31	13659	37.5	−35 19	8.9	9.5	G5	5	..	39396b
32	13658	37.5	−35 54	9.0	10.1	G5	4	..	39396b
33	13653	37.5	−41 50	7.0	7.6	Ko	7	0,9	39680b
34	13183	37.5	−46 37	9.9	10.5	F5	2	..	39668b
35	9660	37.5	−53 28	*9.4*	9.7	F2	2	..	19920b
36	7324	37.5	−60 22	9.1	10.0	G5	4	..	40422b
37	4002	37.5	−64 1	*9.8*	10.6	G5	3	..	40422b
38	3821	37.5	−65 31	*8.4*	9.0	Go	6	..	40422b
39	2933	37.6	+48 42	8.3	*9.3*	Ko	3	5,3	37349i
40	3209	37.6	+44 18	7.9	*8.4*	F8	5	..	37349i
41	4219	37.6	+ 9 25	9.8	*10.6*	G5	3	..	10123b
42	4188	37.6	+ 7 55	8.7	*9.5*	G5	3	..	10123b
43	4195	37.6	+ 4 43	7.9	*7.9*	B8	3	..	37965i
44	4196	37.6	+ 4 24	8.9	*8.9*	B9	6	..	24086b
45	4194	37.6	+ 4 12	9.5	*9.8*	F2	2	..	24086b
46	5042	37.6	− 7 13	9.5	*9.5*	Ao	2	..	40604b
47	5096	37.6	−11 23	8.7	*9.8*	K2	3	..	39482b
48	16995	37.6	−31 49	9.4	10.4	Go	2	..	39396b
49	13420	37.6	−39 0	11.3	11.3	F5	1	..	39652b
50	13655	37.6	−41 21	8.6	9.5	F8	5	2,3	39673b
51	12652	37.6	−50 48	9.7	9.6	Ao	2	..	19920b
52	9473	37.6	−57 47	8.0	7.9	F8	6	..	39381b
53	1365	37.6	−76 5	*8.8*	9.9	K2	1	..	42793b
54	868	37.6	−81 36	6.32	7.9	Ko	9	..	21397b
55	2949	37.7	+45 17	5.05	*5.39*	F2	10	..	37349i
56	4109	37.7	+13 51	8.7	*8.7*	Ao	1	..	38506i
57	*5080*	37.7	− 7 58	9.2	*9.8*	Go	4	..	40604b
58	5078	37.7	− 8 33	6.96	*7.38*	F5	4	..	44056b
59	5079	37.7	− 8 34	7.30	*7.80*	F8	3	..	44056b
60	*5097*	37.7	−10 55	7.9	*8.4*	F8	7	..	39482b
61	5565	37.7	−19 16	9.2	10.9	K5	2	..	39347b
62	5203	37.7	−22 10	9.2	9.1	F8	3	..	19904b
63	15686	37.7	−23 49	9.4	9.1	F8	2	..	19904b
64	*14285*	37.7	−24 58	8.15	8.5	G5	6	..	19904b
65	16996	37.7	−31 11	10.3	10.4	Go	2	..	39396b
66	16998	37.7	−31 45	9.0	9.9	Go	2	..	39396b
67	13454	37.7	−40 16	10.8	10.8	Ao	2	..	39652b
68	13548	37.7	−43 30	9.3	10.9	Ko	2	..	39680b
69	13519	37.7	−44 45	10.1	11.3	K2	1	..	39673b
70	13067	37.7	−47 57	8.5	9.1	G5	8	..	39668b
71	3307	37.7	−68 50	*9.7*	10.7	Ko	1	..	20541b
72	1549	37.7	−75 20	*8.4*	8.8	F5	5	..	42793b
73	747	37.8	+76 44	9.5	*10.0*	F8	3	..	6443m
74	2090	37.8	+59 7	8.0	*9.2*	K5	1	..	37970i
75	2897	37.8	+47 11	8.9	*9.9*	K	1	..	37392i
76	2752	37.8	+46 9	7.8	*8.6*	G5	3	..	37349i
77	3526	37.8	+32 50	6.94	*7.22*	Fo	7	..	37885i
78	3697	37.8	+30 34	6.94	*8.01*	K2	3	..	37885i
79	3471	37.8	+27 9	6.74	*6.69*	B8	8	0,9	39465i
80	3878	37.8	+21 14	9.1	*10.1*	K	1	..	37235i
81	4234	37.8	+20 46	8.4	*9.2*	G5	2	..	37235i
82	*4006*	37.8	+15 2	8.04	*7.92*	B5	3	..	38506i
83	4256	37.8	+ 5 51	10.5	*10.5*	Ao	3	..	24086b
84	4077	37.8	+ 1 18	8.5	*9.6*	K2	4	..	24086b
85	5444	37.8	−15 42	5.50	*5.84*	F2	..	3,8	**56**,145
86	5423	37.8	−16 13	8.6	*9.6*	Ko	5	..	40578b
87	..	37.8	−18 50	..	..	Ao	2	..	39347b
88	14289	37.8	−25 9	9.1	8.9	A2	4	..	19904b
89	14450	37.8	−26 47	9.1	10.0	Go	3	..	40459b
90	17000	37.8	−31 4	9.8	10.7	K2	1	..	39396b
91	16999	37.8	−31 23	9.6	10.7	K5	1	..	39396b
92	13647	37.8	−38 5	7.8	8.3	A2	9	..	39652b
93	13422	37.8	−39 22	10.3	10.1	F5	2	..	39652b
94	12222	37.8	−51 6	8.5	9.0	G5	3	..	19920b
95	736	37.9	+77 50	7.9	*8.7*	G5	1	..	37224i
96	2240	37.9	+55 39	7.43	*8.43*	Ko	4	2,3	38807i
97	2239	37.9	+55 30	8.7	*8.7*	Ao	1	..	38807i
98	*3420*	37.9	+43 2	8.7	*9.8*	K2	1	..	37349i
99	3710	37.9	+38 33	8.4	*8.5*	A3	3	..	38561i
100	3711	37.9	+38 14	7.9	*7.9*	B9	3	..	38561i

186200 — 19h 37m.9

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4204	37.9	+18 14	6.78	*6.78*	Ao	7	..	37235i
2	4044	37.9	+12 33	7.9	*9.0*	K2	2	..	38506i
3	3955	37.9	+11 35	5.32	*5.74*	F5	8	R	38506i
4		37.9	+11 35			A3			
5	4189	37.9	+ 8 59	8.7	*8.6*	B5	2	R	38506i
6	4260	37.9	+ 5 56	8.7	*8.7*	B9	4	..	10123b
7	4258	37.9	+ 5 10	9.16	*9.11*	B8	6	..	24086b
8	4197	37.9	+ 4 48	9.5	*9.6*	A3	2	..	24086b
9	4198	37.9	+ 4 32	9.3	*9.3*	B9	5	..	24086b
10	5242	37.9	− 6 22	9.1	*10.1*	Ko	3	..	40604b
11	5081	37.9	− 8 24	8.6	*9.6*	Ko	5	..	40604b
12	5498	37.9	−21 24	9.2	9.1	Fo	3	..	19904b
13	14290	37.9	−25 27	11.0	10.0	Ao	2	..	19904b
14	13892	37.9	−34 14	9.3	9.2	F5	7	..	39396b
15	13665	37.9	−35 23	8.6	9.5	G5	5	..	39396b
16	13520	37.9	−44 42	9.5	9.0	Ao	7	..	39673b
17	13243	37.9	−48 19	8.3	9.0	F8	8	..	39668b
18	3822	37.9	−65 50	*9.8*	10.6	G5	2	..	40422b
19	2445	37.9	−72 45	5.52	5.8	A3	..	1,10	**28**,214
20	1075	38.0	+68 46	9.0	*9.1*	A5	3	..	37333i
21	2934	38.0	+48 16	**7.9**	*8.2*	Fo	5	..	37392i
22	3451	38.0	+41 54	7.80	*7.78*	B9	4	..	37349i
23	3646	38.0	+26 57	8.4	*9.4*	Ko	1	..	38509i
24	4055	38.0	+17 11	8.7	*9.3*	Go	2	..	37235i
25	4191	38.0	+ 8 30	8.9	*8.9*	Ao	6	..	10123b
26	4190	38.0	+ 8 8	6.83	*7.25*	F5	5	..	38506i
27	4199	38.0	+ 4 47	9.3	*9.4*	A3	3	..	24086b
28	4200	38.0	+ 4 8	8.6	*8.6*	B9	7	..	24086b
29	..	38.0	+ 3 51	..	..	Ao	1	..	24086b
30	*4286*	38.0	+ 1 1	9.5	*9.6*	A2	4	..	24086b
31	5424	38.0	−16 36	10.1	*11.1*	Ko	2	..	39347b
32	17008	38.0	−31 20	9.3	9.8	F8	4	..	39396b
33	14435	38.0	−33 28	9.0	9.2	A2	7	..	39396b
34	13426	38.0	−39 9	9.3	10.4	K2	2	..	39652b
35	13456	38.0	−40 29	10.3	10.9	Ko	2	..	39652b
36	12822	38.0	−49 11	11.0	10.8	Ao	2	..	39668b
37	12655	38.0	−50 14	8.0	8.7	Ko	4	..	19920b
38	9467	38.0	−54 14	8.2	8.8	K2	4	..	19920b
39	2241	38.1	+55 32	7.36	*7.58*	A5	5	2,5	38807i
40	4261a	38.1	+ 5 52	9.0	*9.0*	B9	6	..	10123b
41	3971	38.1	+ 2 38	9.8	*10.4*	Go	1	..	24086b
42	4078	38.1	+ 1 22	8.9	*8.9*	Ao	5	..	24086b
43	5082	38.1	− 8 45	8.3	*8.4*	A5	7	..	40604b
44	14230	38.1	−27 53	7.8	8.5	Ko	6	..	40459b
45	13457	38.1	−40 21	10.1	10.1	Ko	4	..	39652b
46	13552	38.1	−43 10	9.1	10.9	Ko	4	..	39673b
47	13551	38.1	−43 26	9.7	10.1	Go	3	..	39680b
48	13192	38.1	−46 23	10.1	10.5	Go	2	..	39668b
49	13245	38.1	−48 24	8.5	8.7	A2	8	..	39668b
50	12223	38.1	−51 4	8.3	9.9	K5	1	..	19920b
51	6103	38.1	−62 42	*6.9*	8.1	K5	8	R	40422b
52	4003	38.1	−64 31	*9.8*	10.1	F2	3	..	40422b
53	2092	38.2	+59 36	7.71	*7.85*	A5	4	..	37970i
54	3846	38.2	+40 24	8.4	*8.4*	Ao	3	..	38561i
55	3876	38.2	+39 47	6.80	*6.88*	A3	6	..	37349i
56	3667	38.2	+36 52	8.6	*8.7*	A2	2	..	38561i
57	3754	38.2	+35 59	7.50	*7.92*	F5	4	..	37885i
58	3722	38.2	+31 15	7.8	*7.9*	A2	3	..	37885i
59	3702	38.2	+29 15	8.0	*8.4*	F5	3	..	38509i
60	3647	38.2	+26 50	8.4	*9.2*	G5	1	..	37829i
61	*4125*	38.2	+20 3	8.95	*8.95*	A	1	..	37235i
62	4225	38.2	+ 9 32	9.1	*9.1*	Ao	3	..	10123b
63	4192	38.2	+ 8 38	9.1	*10.2*	K2	1	..	10123b
64	5219	38.2	− 9 19	8.9	*8.9*	Ao	5	..	40604b
65	14232	38.2	−27 11	9.8	9.7	G5	3	..	40459b
66	15430	38.2	−32 1	9.3	10.4	G5	2	..	39396b
67	12226	38.2	−51 35	9.1	9.6	G5	2	..	19920b
68	11527	38.2	−52 47	7.54	7.4	F5	7	..	19920b
69	6104	38.2	−62 3	*9.1*	9.9	G5	4	..	40422b
70	*3051*	38.2	−68 58	*9.1*	9.9	G5	3	..	20541b
71	688	38.2	−83 2	*9.1*	9.5	F5	3	..	21397b
72	4059	38.3	+17 44	7.9	*7.7*	B3	4	..	37235i
73	3976	38.3	+16 56	8.9	*8.9*	A	1	..	37235i
74	4193	38.3	+ 8 56	9.1	*10.2*	K2	2	..	10123b
75	4191	38.3	+ 7 20	8.9	*9.2*	Fo	3	..	10123b
76	4262	38.3	+ 5 42	9.5	*10.5*	Ko	2	..	24086b
77	4202	38.3	+ 4 39	8.3	*8.7*	F5	7	..	24086b
78	4124	38.3	+ 3 56	7.9	*8.0*	A5	8	..	24086b
79	4081	38.3	+ 1 22	9.5	*10.5*	Ko	2	..	24086b
80	5166	38.3	−10 2	9.5	*9.5*	Ao	2	..	40604b
81	5165	38.3	−10 44	9.9	*9.9*	Ao	3	..	39482b
82	5523	38.3	−14 23	Neb.	Neb.	Pe	3	R	39482b
83	5445	38.3	−15 31	9.5	*9.6*	A2	3	..	39347b
84	5207	38.3	−22 29	9.5	9.7	A5	1	..	19904b
85	14457	38.3	−26 42	9.0	9.1	F5	5	..	40459b
86	13073	38.3	−47 29	9.0	9.6	F2	5	..	39668b
87	12827	38.3	−49 12	8.7	9.9	K5	3	..	39668b
88	3052	38.3	−69 30	*8.7*	9.9	K5	3	..	20541b
89	2447	38.3	−72 3	9.05	10.1	Ko	1	..	42475b
90	1381	38.4	+65 10	8.60	*8.88*	Fo	3	..	37333i
91	1888	38.4	+61 46	8.9	*9.0*	A3	1	..	37970i
92	*3649*	38.4	+27 1	8.5	*8.5*	Ao	3	..	37829i
93	4226	38.4	+ 9 14	8.4	*9.4*	Ko	2	..	38506i
94	4194	38.4	+ 8 47	9.8	*9.9*	A2	3	..	10123b
95	3972	38.4	+ 2 49	10.5	*10.5*	Ao	1	..	24086b
96	4290	38.4	+ 0 26	8.0	*7.9*	B5	5	..	17051b
97	5093	38.4	− 2 41	8.9	*9.7*	G5	3	..	20397b
98	14460	38.4	−26 13	9.1	10.6	Ko	2	..	40459b
99	14432	38.4	−42 21	9.3	9.5	G5	3	..	39673b
100	*9279*	38.4	−55 59	9.2	9.7	Go	3	..	39686b

186300 — $19^h\,38^m.4$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	6402	38.4	−60 57	9.1	9.4	F8	5	..	40422b
2	2711	38.4	−70 26	8.4	9.2	G5	5	..	20541b
3	2283	38.5	+56 29	7.9	7.9	Ao	3	..	37970i
4	2844	38.5	+50 8	7.90	8.68	G5	3	..	37349i
5	2755	38.5	+47 4	7.44	8.79	Ma	3	..	37349i
6	3325	38.5	+43 30	8.2	9.0	G5	4	..	37349i
7	3878	38.5	+40 1	6.20	6.28	A3	7	..	37349i
8	3670	38.5	+34 58	8.42	8.56	A5	3	..	37885i
9	3445	38.5	+28 6	8.5	8.9	F5	2	..	38509i
10	3776	38.5	+22 37	6.58	7.58	Ko	5	..	37235i
11	3957	38.5	+11 47	7.7	8.7	Ko	2	..	38506i
12	4227	38.5	+ 9 15	8.4	9.5	K2	1	..	38506i
13	4195	38.5	+ 9 1	9.1	9.1	B9	2	..	10123b
14	3812	38.5	− 0 58	10.5	10.5	Ao	2	..	20397b
15	5094	38.5	− 2 12	8.7	9.7	Ko	4	..	20397b
16	5223	38.5	− 9 39	9.2	10.4	K5	1	..	40604b
17	5525	38.5	−14 45	9.06	9.62	Go	3	..	16854b
18	15690	38.5	−23 23	8.6	8.2	Fo	5	..	19904b
19	15557	38.5	−24 39	10.3	10.0	F5	3	..	40624b
20	14441	38.5	−33 30	8.6	10.7	K5	2	..	39396b
21	13673	38.5	−35 22	9.3	10.4	Ko	2	..	39396b
22	13247	38.5	−48 40	9.7	10.2	F8	4	..	39668b
23	4544	38.5	−63 30	8.7	9.0	F2	6	..	40422b
24	4127	38.6	+19 37	9.1	9.2	A3	2	..	37235i
25	4276	38.6	+ 6 14	8.0	8.0	B9	8	..	10123b
26	4203	38.6	+ 4 8	10.1	10.7	Go	2	..	24086b
27	3830	38.6	− 0 14	8.6	8.6	Ao	4	..	17051b
28	4896	38.6	− 4 39	9.1	9.6	F8	3	..	20397b
29	5510	38.6	−11 55	7.9	9.3	Ma	3	..	39482b
30	5511	38.6	−12 42	9.2	10.0	G5	2	..	39482b
31	5500	38.6	−21 2	8.5	9.1	G5	3	..	19904b
32	15691	38.6	−23 6	7.40	7.3	F2	8	..	19904b
33	15559	38.6	−24 1	10.5	11.5	Ko	1	..	40624b
34	17019	38.6	−31 18	9.3	9.2	Ao	5	..	39396b
35	17017	38.6	−31 24	9.6	9.9	F2	3	..	39396b
36	7658	38.6	−58 47	9.9	11.3	Ma	..	..	M
37	2448	38.6	−72 8	8.70	9.8	G5	2	..	42475b
38	1842	38.6	−74 2	8.6	9.4	G5	2	..	45404b
39	1384	38.7	+65 8	8.55	9.33	G5	2	..	37333i
40	1991	38.7	+60 16	6.21	6.27	A2	9	..	37970i
41	3573	38.7	+37 19	8.4	8.4	Ao	3	..	38561i
42	3480	38.7	+27 22	8.2	8.2	Ao	3	..	38509i
43	3885	38.7	+22 4	8.1	8.2	A2p	3	4,3 R	37829i
44	4129	38.7	+19 56	8.9	9.3	F5	2	..	37235i
45	5102	38.7	−11 42	9.5	10.6	K2	1	..	16854b
46	5211	38.7	−22 47	8.5	9.1	Ko	3	..	19904b
47	15692	38.7	−23 31	7.48	8.8	K2	5	..	19904b
48	14302	38.7	−25 34	9.1	9.1	Fo	3	..	19904b
49	14239	38.7	−27 3	8.4	8.5	F2	5	..	40459b
50	16487	38.7	−29 10	9.8	10.1	Ao	3	..	40459b
51	17330	38.7	−30 0	9.43	9.2	Ao	5	..	40459b
52	15437	38.7	−32 2	7.67	9.2	K2	5	..	39396b
53	13657	38.7	−38 42	10.3	10.9	Go	2	..	39652b
54	12831	38.7	−49 11	9.5	9.9	Ko	4	..	39668b
55	3082	38.8	+49 27	7.8	8.6	G5	3	..	37392i
56	2756	38.8	+46 18	8.6	8.9	Fo	2	..	37349i
57	3447	38.8	+29 5	6.44	6.72	Fo	5	5,7 R	37885i
58	3482	38.8	+27 48	8.7	8.7	Ao	2	..	38509i
59	3980	38.8	+16 45	8.5	8.5	A	2	..	37235i
60	4029	38.8	+10 20	9.02	9.80	G5	3	..	10123b
61	4127	38.8	+ 3 31	9.0	9.3	Fo	5	0,7	17057b
62	4292	38.8	+ 0 57	8.29	8.27	B9	8	..	24086b
63	4291	38.8	+ 0 35	9.1	9.1	B9	5	..	24086b
64	4293	38.8	+ 0 9	9.8	9.8	Ao	3	..	24086b
65	3831	38.8	− 0 49	9.3	9.4	A3	4	..	20397b
66	5047	38.8	− 7 51	9.2	9.3	A2	3	..	40604b
67	5085	38.8	− 8 36	8.3	8.8	F8	8	..	40604b
68	5527	38.8	−14 28	9.5	9.5	Ao	3	..	16854b
69	5732	38.8	−17 38	7.9	7.9	Ao	6	..	40578b
70	17332	38.8	−30 28	8.2	9.8	Ko	3	..	40459b
71	13675	38.8	−35 21	10.1	10.7	Go	1	..	39396b
72	13658	38.8	−38 42	9.9	10.8	F8	2	..	39652b
73	14434	38.8	−42 0	9.3	8.9	Ao	6	..	39673b
74	13526	38.8	−44 57	10.6	11.5	Ko	1	..	39673b
75	9481	38.8	−57 2	9.8	10.6	G5	2	..	39381b
76	1553	38.9	+63 41	8.5	9.5	K	2	E	37333i
77	3531	38.9	+32 11	5.89	5.95	A2	10	..	37885i
78	3484	38.9	+27 10	7.45	8.45	Ko	3	..	37829i
79	3849	38.9	+24 22	6.76	7.26	F8	6	..	37829i
80	4122	38.9	+13 27	8.7	8.7	Ao	3	..	38506i
81	3960	38.9	+11 58	7.9	8.9	Ko	2	..	38506i
82	4205	38.9	+ 4 31	8.3	9.4	K2	6	..	24086b
83	5095	38.9	− 2 15	9.2	9.2	B9	7	..	20397b
84	5048	38.9	− 7 50	9.5	10.3	G5	2	..	40604b
85	5105	38.9	−11 16	8.7	9.3	Go	5	..	39482b
86	5513	38.9	−12 34	9.9	10.7	G5	2	..	39482b
87	5459	38.9	−13 38	8.9	9.9	Ko	3	..	39482b
88	5684	38.9	−20 43	9.9	10.0	Ao	2	..	19904b
89	13560	38.9	−43 20	9.9	10.9	F8	2	..	39673b
90	13559	38.9	−43 33	8.3	9.8	K2	6	..	39673b
91	13197	38.9	−46 26	8.5	9.0	Ko	7	..	39668b
92	13252	38.9	−48 47	10.3	10.2	F2	3	..	39668b
93	2066	38.9	−73 8	8.1	9.3	K5	1	..	42526b
94	1843	38.9	−74 21	8.5	9.1	Go	2	..	45404b
95	3650	39.0	+26 42	7.8	8.1	Fo	4	..	37829i
96	4898	39.0	− 4 29	9.2	10.2	Ko	1	..	20397b
97	5049	39.0	− 5 2	9.87	9.93	A2	2	..	40604b
98	5050	39.0	− 7 30	9.2	9.6	F5	3	..	40604b
99	5106	39.0	−11 22	8.7	9.5	G5	3	..	39482b
100	5469	39.0	−18 46	8.7	9.5	G5	2	..	40578b

186400 — $19^h\ 39^m.0$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14243	39.0	−27 39	8.0	9.4	K5	3	..	40459b
2	16494	39.0	−29 21	9.6	9.8	F8	3	..	40459b
3	15440	39.0	−32 53	9.2	10.1	Go	2	..	39396b
4	9670	39.0	−53 4	8.4	8.5	F5	5	..	19920b
5	872	39.1	+73 17	8.9	*8.9*	Ao	5	0,2	6443m
6	1225	39.1	+66 14	8.0	*8.1*	A2	7	..	37333i
7	1554	39.1	+63 47	9.1	*9.1*	A	3	E	37333i
8	2847	39.1	+50 18	6.26	*6.82*	Go	7	R	37392i
9	3083	39.1	+49 45	8.10	*9.10*	Ko	2	..	37349i
10	3881	39.1	+39 48	8.2	*8.2*	Ao	3	..	38561i
11	3576	39.1	+37 25	8.1	*8.7*	Go	2	..	38561i
12	3784	39.1	+22 15	6.53	*6.36*	B3	8	..	37235i
13	4128	39.1	+ 3 16	8.3	*8.9*	Go	7	0,9	17057b
14	5051	39.1	− 7 20	9.1	*9.1*	Ao	4	..	40604b
15	5733	39.1	−17 41	9.2	*10.0*	G5	1	..	40578b
16	14308	39.1	−25 38	9.0	9.7	K5	1	..	19904b
17	17024	39.1	−31 9	6.82	7.5	Ao	10	..	39396b
18	*13662*	39.1	−37 59	9.9	10.8	A3	1	..	39652b
19	13670	39.1	−41 10	9.3	10.1	K5	3	..	39673b
20	14438	39.1	−42 31	9.3	9.5	G5	4	..	39673b
21	13416	39.1	−45 18	9.9	10.9	Go	1	..	39673b
22	12836	39.1	−49 7	9.7	10.5	K5	2	..	39668b
23	9181	39.1	−55 28	8.2	8.6	F5	6	..	39686b
24	9486	39.1	−57 35	*9.9*	10.9	Ko	1	..	39381b
25	612	39.1	−84 52	*9.2*	10.2	Ko	3	..	21397b
26	1077	39.2	+68 26	6.90	*7.68*	G5	8	..	37333i
27	2848	39.2	+50 17	6.37	*6.93*	Go	5	R	37392i
28	3331	39.2	+43 47	8.3	*8.3*	B9	5	..	37349i
29	3577	39.2	+37 27	7.9	*9.0*	K2	1	..	38561i
30	4232	39.2	+ 9 22	10.5	*11.3*	G5	2	..	21771b
31	4130	39.2	+ 3 40	9.8	*9.9*	A3	2	..	24086b
32	5108	39.2	−11 26	8.3	*8.3*	Ao	7	..	39482b
33	5470	39.2	−18 24	8.5	*8.6*	A2	4	..	40578b
34	5215	39.2	−22 37	9.2	10.0	F8	2	..	19904b
35	13079	39.2	−47 16	9.9	10.9	G5	1	..	39668b
36	9283	39.2	−56 51	*9.5*	10.0	F8	4	..	39381b
37	7662	39.2	−58 54	9.1	10.7	K2	1	..	39686b
38	3578	39.3	+37 26	7.9	*8.2*	F2	4	..	38561i
39	3675	39.3	+34 11	8.0	*8.0*	Ao	4	..	37885i
40	3706	39.3	+30 26	6.06	*6.04*	B9	10	..	37885i
41	*3710*	39.3	+30 0	7.12	*7.12*	Ao	4	..	37885i
42	4233	39.3	+ 9 17	6.63	*7.63*	Ko	5	..	38506i
43	4270	39.3	+ 5 56	9.1	*9.1*	Ao	4	..	24086b
44	*3976*	39.3	+ 3 4	10.1	*11.1*	K	1	..	24086b
45	*4082*	39.3	+ 2 2	10.5	*10.5*	Ao	1	..	24086b
46	5248	39.3	− 6 47	9.5	*9.5*	Ao	3	..	40604b
47	5090	39.3	− 8 34	9.5	*10.5*	Ko	2	..	40604b
48	15704	39.3	−23 0	9.3	9.1	Fo	4	..	19904b
49	14312	39.3	−25 56	9.0	10.0	Ko	3	..	40459b
50	*16131*	39.3	−27 58	8.4	9.7	G5	2	..	40459b
51	17030	39.3	−31 2	8.1	9.0	F5	6	..	39396b
52	13255	39.3	−48 46	10.3	10.5	Go	1	..	39668b
53	1747	39.4	+62 25	7.30	*7.72*	F5	5	0,6	37970i
54	3764	39.4	+35 14	8.07	*8.07*	Ao	2	..	38561i
55	4056	39.4	+12 8	7.6	*7.7*	A2	3	..	38506i
56	4197	39.4	+ 7 21	7.7	*7.6*	B5	2	..	38506i
57	4083	39.4	+ 1 8	9.5	*9.8*	F2	1	..	24086b
58	4295	39.4	+ 0 21	10.5	*10.6*	A2	1	..	24086b
59	5054	39.4	− 7 23	9.7	*10.8*	K2	1	..	40604b
60	5053	39.4	− 7 50	9.5	*9.6*	A3	4	..	40604b
61	5172	39.4	−10 48	6.88	*8.06*	K5	6	0,6	40604b
62	9183	39.4	−55 10	8.5	8.5	A5	7	..	39686b
63	1385	39.4	−77 6	*9.3*	9.9	Go	2	..	42793b
64	1889	39.5	+61 41	8.8	*9.1*	F2	1	..	37970i
65	3856	39.5	+40 29	6.72	*6.72*	Ao	7	..	38561i
66	3735	39.5	+31 43	8.2	*8.7*	F8	2	..	37885i
67	4248	39.5	+20 40	9.0	*9.0*	A	1	..	37235i
68	4282	39.5	+ 6 22	9.0	*10.1*	K2	1	..	24086b
69	4281	39.5	+ 6 14	9.1	*9.1*	Ao	4	..	24086b
70	4209	39.5	+ 4 56	8.93	*10.11*	K5	2	..	24086b
71	4298	39.5	+ 0 14	9.3	*10.1*	G5	2	..	24086b
72	5250	39.5	− 6 42	9.7	*9.7*	Ao	2	..	40604b
73	*5094*	39.5	− 7 58	9.2	*10.2*	Ko	3	..	40604b
74	5093	39.5	− 8 49	9.7	*10.3*	Go	2	..	40604b
75	5229	39.5	− 9 22	9.7	*10.7*	Ko	1	..	40604b
76	5738	39.5	−17 9	9.9	*10.9*	Ko	2	..	39347b
77	5737	39.5	−17 20	9.2	*9.8*	Go	5	..	39347b
78	5736	39.5	−17 44	9.2	*9.8*	G	1	..	40578b
79	5583	39.5	−19 6	8.8	9.7	Ko	3	..	39347b
80	15711	39.5	−23 34	10.1	10.0	A3	2	..	19904b
81	14315	39.5	−25 25	9.1	8.8	Fo	5	..	19904b
82	16134	39.5	−28 51	8.8	9.4	Go	4	..	40459b
83	3054	39.5	−69 35	*7.3*	8.4	K2	7	..	20541b
84	2452	39.5	−72 1	var.	var.	Md	..	R	M
85	3425	39.6	+42 24	8.7	*8.7*	B8	3	..	37349i
86	3933	39.6	+25 32	5.45	*6.23*	G5	8	..	37829i
87	4249	39.6	+20 28	8.7	*9.7*	K	1	..	37235i
88	4198	39.6	+ 8 52	8.1	*8.2*	A2	2	..	38506i
89	4200	39.6	+ 7 43	8.0	*8.5*	F8	2	..	38506i
90	4210	39.6	+ 4 44	7.70	*8.88*	K5	6	..	24086b
91	4134	39.6	+ 3 51	10.1	*10.1*	Ao	2	2,1	24086b
92	4133	39.6	+ 3 36	9.0	*10.1*	K2	4	0,3	24086b
93	4132	39.6	+ 3 8	10.5	*10.5*	Ao	2	..	24086b
94	5099	39.6	− 2 52	9.5	*9.5*	Ao	5	..	20397b
95	4695	39.6	− 3 21	8.7	*8.8*	A5	6	..	20397b
96	5096	39.6	− 8 11	8.7	*8.8*	A2	6	..	40604b
97	5095	39.6	− 8 53	8.3	*8.6*	Fo	7	..	40604b
98	*5462*	39.6	−12 58	7.32	*8.32*	Ko	6	..	39482b
99	5455	39.6	−15 21	8.9	*9.9*	Ko	3	..	40578b
100	15443	39.6	−32 8	5.56	*5.51*	B8	..	..	56,145

186500 — 19h 39m.6

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3454	39.6	−66 5	*8.6*	9.6	Ko	4	..	40422b
2	2067	39.6	−73 3	*7.1*	7.6	F8	7	..	42526b
3	1368	39.6	−76 26	*8.0*	8.0	Ao	8	..	42793b
4	1374	39.7	+64 34	9.1	*9.1*	Ao	3	..	37333i
5	3885	39.7	+39 45	6.94	*7.08*	A5	5	..	37349i
6	3725	39.7	+38 26	6.65	*7.65*	Ko	4	0,4	38561i
7	4213	39.7	+18 20	8.5	*8.5*	A	2	..	37235i
8	*5102*	39.7	− 1 58	9.9	*10.5*	Go	1	..	20397b
9	5463	39.7	−13 28	8.7	*9.5*	G5	4	..	39482b
10	5221	39.7	−22 45	9.2	9.2	Fo	3	..	19904b
11	15713	39.7	−23 16	9.3	9.2	F8	3	..	19904b
12	13260	39.7	−48 32	9.5	9.9	F5	5	..	39668b
13	833	39.8	+74 32	9.6	*10.2*	Go	2	..	6443m
14	2760	39.8	+46 58	7.27	*8.05*	G5	4	..	37349i
15	3738	39.8	+31 50	7.65	*7.71*	A2	4	..	37885i
16	*3490*	39.8	+28 6	8.6	*8.7*	A2	2	..	38509i
17	3491	39.8	+27 12	8.0	*9.0*	Ko	2	..	38509i
18	3654	39.8	+26 54	6.56	*7.56*	Ko	6	0,6 R	39465i
19		39.8	+26 54			Ao			
20	4199	39.8	+ 8 53	9.8	*10.2*	F5	3	..	21771b
21	5230	39.8	− 9 39	9.1	*9.1*	Ao	5	..	40604b
22	5465	39.8	−13 30	8.8	*9.6*	G5	3	..	39482b
23	5474	39.8	−18 0	9.9	*10.4*	F8	1	..	40578b
24	14320	39.8	−25 47	10.3	9.4	Go	3	..	40459b
25	17038	39.8	−31 48	8.8	10.7	K2	1	..	39396b
26	13437	39.8	−39 40	7.5	8.6	Ko	5	..	20510b
27	13676	39.8	−41 33	10.6	10.4	Go	2	..	39673b
28	13262	39.8	−48 33	9.9	10.5	G5	2	..	39668b
29	12674	39.8	−50 38	9.2	9.6	A5	3	..	19920b
30	3455	39.8	−66 14	*7.9*	9.0	K2	7	..	40422b
31	2714	39.8	−70 27	*8.7*	9.5	G5	4	..	20541b
32	2245	39.9	+55 13	6.52	*7.87*	Mb	6	..	37392i
33	3856	39.9	+24 46	8.7	*9.1*	F5	2	..	37829i
34	4032	39.9	+10 40	7.25	*7.33*	A3	7	..	38506i
35	4200	39.9	+ 8 29	6.52	*7.52*	Ko	6	..	38506i
36	4285	39.9	+ 6 59	7.9	*7.9*	B9	2	..	38506i
37	4301	39.9	+ 0 59	8.74	*9.02*	Fo	4	..	24086b
38	3816	39.9	− 1 37	8.3	*8.8*	F8	5	..	20397b
39	5103	39.9	− 2 46	8.9	*9.9*	Ko	5	..	20397b
40	4696	39.9	− 3 16	7.38	*8.38*	Ko	7	..	20397b
41	5055	39.9	− 7 49	8.8	*9.9*	K2	3	..	40604b
42	5232	39.9	− 9 4	9.5	*10.1*	Go	1	..	40604b
43	9290	39.9	−56 36	5.52	5.8	A5	..	2, R	**56**,145
44	638	40.0	+79 56	8.26	*9.04*	G5	2	..	38512i
45	1226	40.0	+66 28	8.6	*8.7*	A5	3	..	37333i
46	2939	40.0	+48 12	8.3	*8.3*	B9	4	..	37349i
47	*4059*	40.0	+13 3	6.12	*6.07*	B8	..	2,8 R	**56**,98
48	4060	40.0	+12 59	7.07	*8.25*	K5	1	..	38506i
49	4237	40.0	+ 9 57	9.3	*9.3*	B9	2	..	21771b
50	4302	40.0	+ 0 31	8.3	*8.4*	A2	7	..	24086b
51	*3818*	40.0	− 0 55	8.9	*8.9*	B9	7	..	20397b
52	3817	40.0	− 1 24	8.6	*8.6*	B9	5	..	20397b
53	4903	40.0	− 4 46	9.01	*10.01*	Ko	4	*5,3*	20397b
54	5254	40.0	− 6 49	9.5	*10.7*	K5	2	..	40604b
55	5223	40.0	−22 19	9.2	10.3	K2	1	..	19904b
56	14322	40.0	−25 49	10.5	9.7	Ao	3	..	40459b
57	13440	40.0	−39 49	10.8	11.2	A2	1	..	39673b
58	13575	40.0	−43 14	9.9	11.8	Ko	1	..	39673b
59	13087	40.0	−47 38	10.1	10.6	Fo	3	..	39668b
60	13264	40.0	−48 25	8.3	9.0	F5	8	..	39668b
61	9673	40.0	−53 20	9.0	9.4	Ao	3	..	19920b
62	9188	40.0	−55 52	9.0	9.1	F2	4	..	39686b
63	*7664*	40.0	−57 59	7.4	7.6	A3	7	..	39381b
64	6404	40.0	−61 22	*9.9*	11.1	K5	1	..	40422b
65	6107	40.0	−62 23	*10.0*	10.8	G5	1	..	40422b
66	6106	40.0	−62 29	*9.3*	9.9	Go	5	..	40422b
67	2855	40.1	+50 7	8.97	*9.25*	F	2	..	37392i
68	3572	40.1	+33 55	5.95	*5.95*	Ao	10	..	37885i
69	4216	40.1	+18 20	7.03	*8.38*	Ma	3	..	37235i
70	4034	40.1	+10 42	8.7	*9.7*	Ko	2	R	21787b
71		40.1	+10 42			A			
72	4035	40.1	+10 41	9.3	9.3	A	3	..	21787b
73	4238	40.1	+ 9 18	10.5	*10.6*	A2	2	..	21771b
74	4274	40.1	+ 5 44	9.3	*9.8*	F8	3	..	24086b
75	5056	40.1	− 7 16	7.56	*8.06*	F8	3	..	44056b
76	5535	40.1	−14 18	9.5	*10.5*	Ko	1	..	16854b
77	14323	40.1	−25 54	9.8	10.6	K2	1	..	40459b
78	14493	40.1	−26 10	8.8	8.8	Ao	6	..	40459b
79	14254	40.1	−27 31	7.6	8.2	Ko	7	..	40459b
80	16140	40.1	−28 53	9.6	9.7	Ao	4	..	40459b
81	13474	40.1	−40 45	9.5	10.4	Ko	1	..	39673b
82	*6405*	40.1	−60 59	8.2	9.4	Ko	5	..	40422b
83	3823	40.1	−65 54	*8.6*	8.9	Fo	6	..	40422b
84	3680	40.1	−67 3	6.46	7.9	K2	8	..	20541b
85	1227	40.2	+66 42	8.9	*10.1*	K5	1	..	33685i
86	3986	40.2	+16 34	8.1	*8.1*	Ao	5	..	37235i
87	4036	40.2	+10 32	7.36	*7.19*	B3	5	..	38506i
88	4213	40.2	+ 4 46	9.1	*9.4*	F2	5	..	24086b
89	3979	40.2	+ 2 40	8.0	*8.8*	G5	5	..	17057b
90	3819	40.2	− 1 44	7.42	*8.42*	Ko	5	..	20397b
91	5105	40.2	− 2 4	9.5	*10.5*	Ko	1	..	20397b
92	5518	40.2	−12 37	9.5	*10.0*	F8	3	..	39482b
93	5507	40.2	−21 12	9.2	10.0	Ko	1	..	19904b
94	15724	40.2	−23 49	9.8	10.0	Go	2	..	19904b
95	15446	40.2	−32 10	7.59	8.3	A3	8	..	39396b
96	13475	40.2	−40 12	9.9	8.3	F5	7	..	20510b
97	12844	40.2	−49 47	10.1	10.2	K2	2	..	39668b
98	12845	40.2	−49 53	10.3	10.8	K2	1	..	39668b
99	12675	40.2	−50 9	9.9	9.6	F5	2	..	19920b
100	11535	40.2	−52 42	8.6	8.8	Ao	3	..	19920b

186600 — $19^h\ 40^m.2$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	9490	40.2	−57 37	*9.9*	10.0	A5	2	..	39381b
2	6108	40.2	−62 3	7.48	7.4	Go	9	..	40422b
3	1389	40.3	+65 21	8.5	*9.3*	G5	2	..	37333i
4	3888	40.3	+39 30	7.7	*7.8*	A2	8	..	38561i
5	*3582*	40.3	+38 5	6.97	*6.92*	B8	6	..	38561i
6	4218	40.3	+18 29	7.7	*8.2*	F8	4	..	37235i
7	*4202*	40.3	+ 9 0	9.1	*10.1*	Ko	3	..	21771b
8	*3980*	40.3	+ 3 6	9.0	*10.1*	K2	1	..	17057b
9	3835	40.3	− 0 24	8.3	*8.4*	A2	8	..	20397b
10	4698	40.3	− 3 24	9.1	*8.9*	B3	4	..	20397b
11	5113	40.3	−11 8	8.8	*9.6*	G5	5	..	16854b
12	5476	40.3	−18 53	9.5	*9.8*	F2	2	..	39347b
13	14325	40.3	−25 7	7.75	8.2	Fo	7	..	19904b
14	14494	40.3	−26 2	9.6	10.3	Go	3	..	40459b
15	14257	40.3	−27 15	9.0	9.7	Ko	2	..	40459b
16	13211	40.3	−46 32	9.7	11.3	K2	1	..	39668b
17	3824	40.3	−65 8	*8.6*	9.6	Ko	3	..	40422b
18	*2765*	40.4	+47 1	8.3	*8.1*	B2	6	..	37349i
19	3469	40.4	+41 32	6.04	*7.22*	K5	5	..	37349i
20	4243	40.4	+ 9 58	9.8	*9.8*	Ao	2	..	21771b
21	4204	40.4	+ 7 39	8.9	*9.7*	G5	3	..	21771b
22	*3820*	40.4	− 0 57	9.0	*9.0*	B9	6	..	20397b
23	5106	40.4	− 2 20	9.7	*9.7*	Ao	4	..	20397b
24	4905	40.4	− 4 16	8.1	*9.1*	Ko	4	0,4	20397b
25	5537	40.4	−14 4	9.1	*10.1*	Ko	2	..	39482b
26	5477	40.4	−18 4	9.5	*9.9*	F5	1	..	40578b
27	16150	40.4	−28 46	10.5	10.9	Ao	1	..	40459b
28	17355	40.4	−30 56	9.1	9.9	Ko	3	0,2	39396b
29	17044	40.4	−31 40	8.4	9.8	K2	4	..	39396b
30	13682	40.4	−41 23	9.3	8.9	Ao	5	..	39673b
31	9491	40.4	−57 41	*10.0*	10.6	Go	1	..	39381b
32	3825	40.4	−65 9	7.25	8.1	Go	9	..	40422b
33	3456	40.4	−66 50	*8.1*	8.1	Ao	8	..	20541b
34	834	40.5	+74 9	9.0	*10.0*	Ko	4	0,2	6443m
35	2212	40.5	+54 47	8.6	*10.0*	Ma	1	..	38807i
36	3584	40.5	+37 46	7.8	*7.9*	A2	4	..	38561b
37	*3925*	40.5	+16 2	7.5	*7.5*	B9	3	..	37235i
38	4204	40.5	+ 8 10	8.9	*9.9*	Ko	3	..	21771b
39	*4288*	40.5	+ 7 2	9.5	*9.6*	A2	2	..	21771b
40	4214	40.5	+ 4 36	9.5	*10.3*	G5	1	..	24086b
41	*3821*	40.5	− 0 56	7.34	*8.34*	Ko	7	..	20397b
42	5057	40.5	− 7 50	8.7	*9.8*	K2	3	..	40604b
43	5239	40.5	− 9 0	9.7	*10.9*	K5	1	..	40604b
44	*5114*	40.5	−10 54	9.2	*10.0*	G5	1	..	16854b
45	5539	40.5	−14 10	9.5	*10.5*	Ko	1	..	39482b
46	5459	40.5	−15 35	8.5	*9.5*	Ko	2	..	40578b
47	5478	40.5	−18 17	9.2	*10.2*	Ko	1	..	40578b
48	5698	40.5	−20 0	5.06	6.4	Ko	..	5,9 R	**28**,214
49	16512	40.5	−29 51	9.1	9.8	Ao	2	..	40902b
50	15455	40.5	−32 5	8.6	9.9	Go	4	..	39396b
51	13580	40.5	−43 35	7.26	7.4	F8	10	..	39673b
52	13214	40.5	−46 35	10.6	11.0	Go	1	..	39668b
53	12678	40.5	−50 22	9.9	10.2	Ko	2	..	39668b
54	6408	40.5	−61 53	9.0	9.9	G5	4	..	40422b
55	4224	40.6	+18 56	9.1	*9.1*	A	2	..	37235i
56	4205	40.6	+ 8 45	8.9	*9.2*	Fo	6	..	21771b
57	4207	40.6	+ 7 40	8.0	*8.5*	F8	7	2,2	21771b
58	*4290*	40.6	+ 7 5	10.1	*10.1*	Ao	2	..	21771b
59	4215	40.6	+ 4 34	9.0	*10.2*	K5	3	..	24086b
60	4701	40.6	− 3 7	6.50	*6.33*	B3	7	..	38023i
61	5058	40.6	− 7 7	9.2	*9.2*	Ao	4	..	40604b
62	5098	40.6	− 8 39	9.2	*10.2*	Ko	2	..	40604b
63	5240	40.6	− 9 29	9.7	*10.7*	Ko	1	..	40604b
64	*5115*	40.6	−10 55	9.7	*9.8*	A2	3	..	16854b
65	5480	40.6	−18 24	var.	var.	Na	1	R	39347b
66	5510	40.6	−21 46	7.44	7.4	A5	8	..	19904b
67	14498	40.6	−26 20	9.1	9.9	K2	3	..	40459b
68	13349	40.6	−37 24	9.3	9.9	F8	2	..	20510b
69	13684	40.6	−41 25	9.9	10.7	Mb	1	R	39673b
70	13216	40.6	−46 10	10.6	10.9	G5	1	..	39668b
71	13215	40.6	−46 44	10.1	11.0	G5	1	..	39668b
72	1998	40.7	+60 19	6.64	*6.70*	A2	3	..	37970i
73	2497	40.7	+52 19	7.72	*7.80*	A3	6	..	37392i
74	2941	40.7	+48 19	8.1	*8.9*	G5	2	..	37392i
75	3586	40.7	+37 7	5.02	*6.02*	Ko	9	..	38561i
76	4139	40.7	+13 11	8.5	*8.6*	A2	2	..	38506i
77	4246	40.7	+ 9 59	9.3	*10.5*	K5	1	..	21771b
78	4245	40.7	+ 9 20	9.8	*10.4*	Go	2	..	21771b
79	*4217*	40.7	+ 5 2	9.41	*10.48*	K2	2	..	24086b
80	4136	40.7	+ 3 26	9.0	*9.5*	F8	4	..	17057b
81	3981	40.7	+ 2 38	8.5	*8.6*	A2	7	..	17057b
82	*13217*	40.7	−45 57	7.52	7.1	A2	9	..	39668b
83	9194	40.7	−55 54	9.2	9.7	Fo	3	..	39686b
84	3457	40.7	−66 2	*9.1*	10.1	Ko	2	..	40422b
85	2003	40.8	+60 40	8.2	*8.3*	A3	1	..	37970i
86	2942	40.8	+48 32	var.	var.	Md	..	R	M
87	3721	40.8	+29 31	8.2	*8.2*	Ao	2	..	38509i
88	*3460*	40.8	+29 1	var.	var.	F2p	6	3,5 R	38509i
89	4210	40.8	+ 7 22	5.72	*5.78*	A2	8	R	38506i
90	4280	40.8	+ 5 49	9.5	*10.7*	K5	1	..	24086b
91	4137	40.8	+ 3 17	9.5	*10.7*	K5	1	..	17057b
92	4089	40.8	+ 1 42	9.5	*10.1*	Go	2	..	17057b
93	5513	40.8	−21 10	8.7	8.8	F8	4	..	19904b
94	14504	40.8	−26 44	7.69	8.7	K2	6	..	40459b
95	16516	40.8	−29 3	8.6	9.8	G5	3	..	40459b
96	17049	40.8	−31 40	9.6	9.8	F5	3	..	39396b
97	13446	40.8	−39 14	8.6	9.2	Ao	4	..	20510b
98	3458	40.8	−66 15	*9.8*	10.1	Fo	2	..	40422b
99	*835*	40.9	+75 2	9.12	*9.90*	G5	3	5,1	6443m
100	2943	40.9	+48 41	8.1	*8.5*	F5	4	..	37392i

186700 **19h 40m.9**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	*3739*	40.9	+39 2	8.6	*8.9*	F2	2	..	38561i
2	3691	40.9	+34 10	6.77	*8.12*	Ma	6	..	37885i
3	4137	40.9	+19 38	8.9	*8.8*	B5	2	..	37235i
4	*4138*	40.9	+ 4 0	7.04	*7.60*	Go	3	..	37965i
5	3983	40.9	+ 2 38	9.8	*9.9*	A3	2	..	17057b
6	5110	40.9	− 2 38	10.5	*10.6*	A2	2	..	20397b
7	4702	40.9	− 3 33	9.2	*9.2*	Ao	4	..	20397b
8	4907	40.9	− 4 26	8.7	*9.5*	G5	3	0,2	20397b
9	5176	40.9	−10 5	9.2	*10.3*	K2	2	..	40604b
10	5523	40.9	−12 8	8.1	*8.9*	G5	4	..	39482b
11	5433	40.9	−16 28	8.3	*9.7*	Ma	3	..	40578b
12	17050	40.9	−31 20	8.2	10.1	K2	3	..	39396b
13	13696	40.9	−35 25	7.58	9.0	K2	4	..	40902b
14	13585	40.9	−43 52	8.7	9.5	F5	6	..	39673b
15	2248	41.0	+55 38	9.1	*10.5*	Mb	..	..	M
16	3577	41.0	+33 17	8.8	*8.9*	A2	2	..	37885i
17	3722	41.0	+29 31	8.7	*8.7*	Ao	1	..	38509i
18	4283	41.0	+ 5 35	9.0	*9.8*	G5	4	..	24086b
19	5743	41.0	−17 26	9.2	*10.2*	Ko	3	..	39347b
20	5515	41.0	−21 26	9.9	9.2	Fo	2	..	19904b
21	14471	41.0	−33 2	9.9	10.4	K2	2	..	39396b
22	13689	41.0	−41 41	8.6	8.6	F2	6	..	39673b
23	9195	41.0	−55 20	*9.4*	9.8	F5	2	..	39686b
24	6410	41.0	−61 37	9.0	10.2	Ko	3	..	40422b
25	6109	41.0	−62 49	*7.5*	8.0	F8	8	..	40422b
26	689	41.0	−83 41	*9.1*	10.2	K2	2	..	21397b
27	2861	41.1	+50 49	8.0	*9.4*	Ma	2	..	37392i
28	3435	41.1	+42 58	8.7	*9.7*	Ko	2	..	37349i
29	3724	41.1	+29 20	8.1	*8.2*	A2	2	..	38509i
30	4208	41.1	+ 8 56	9.3	*10.4*	K2	3	..	21771b
31	3985	41.1	+ 2 23	9.8	*10.9*	K2	1	..	24086b
32	5056	41.1	− 5 36	9.2	9.2	Ao	3	..	40604b
33	5462	41.1	−15 8	9.2	*10.2*	Ko	1	..	40578b
34	5463	41.1	−15 18	9.2	*9.6*	F5	3	..	40578b
35	*15587*	41.1	−23 58	8.4	8.7	A3	7	..	19904b
36	17051	41.1	−31 46	9.3	10.7	K2	1	..	39396b
37	13677	41.1	−38 9	9.9	10.8	Ao	2	..	20510b
38	13222	41.1	−46 15	9.2	9.3	F5	5	..	39668b
39	7667	41.1	−58 35	*9.7*	10.5	G5	2	..	39686b
40	3313	41.1	−68 15	*9.6*	10.1	F8	2	..	20541b
41	3055	41.1	−69 43	*9.1*	9.5	F5	4	..	20541b
42	2290	41.2	+56 11	8.8	*8.8*	Ao	3	..	38807i
43	3092	41.2	+49 32	7.64	*8.64*	Ko	4	..	37392i
44	3436	41.2	+42 11	9.0	*9.3*	F	2	..	37349i
45	3760	41.2	+23 41	7.01	*7.43*	F5	4	R	39465i
46		41.2	+23 41			B8p			
47	3929	41.2	+15 58	8.7	*8.7*	A	1	..	37235i
48	*4040*	41.2	+11 0	8.9	*10.0*	K2	4	..	21771b
49	5119	41.2	−11 44	9.2	*9.7*	F8	4	..	16854b
50	5465	41.2	−15 36	9.1	*9.2*	A2	4	..	40578b
51	5434	41.2	−16 10	9.2	*9.7*	F8	5	..	39347b
52	5705	41.2	−20 8	8.5	8.5	Go	4	..	40578b
53	15742	41.2	−23 37	9.3	8.8	A2	6	..	19904b
54	14268	41.2	−27 4	8.4	8.4	A2	6	..	40459b
55	12852	41.2	−49 33	9.9	9.9	Go	3	..	39668b
56	9678	41.2	−53 7	6.30	7.0	Ko	5	0,9	36360b
57	9199	41.2	−55 8	9.0	9.1	Ko	4	..	39686b
58	7332	41.2	−60 40	8.6	10.0	K5	3	..	40422b
59	1065	41.3	+69 42	8.1	*9.2*	K2	3	..	37333i
60	2057	41.3	+57 46	6.31	*6.81*	F8	8	..	37970i
61	2501	41.3	+52 22	7.67	*7.73*	A2	6	..	37392i
62	*4042*	41.3	+11 5	10.1	*10.1*	A	2	..	21771b
63	*4284*	41.3	+ 6 0	9.8	*9.8*	B9	2	..	24086b
64	4220	41.3	+ 4 42	9.1	*10.1*	Ko	2	..	17057b
65	5526	41.3	−12 24	8.3	*9.7*	Mb	5	0,4	16854b
66	15589	41.3	−24 39	9.6	10.8	K2	1	..	40624b
67	14272	41.3	−27 4	10.1	9.9	Fo	2	..	40459b
68	13702	41.3	−35 15	9.3	10.2	G5	1	..	40902b
69	13485	41.3	−40 28	8.6	8.3	F2	7	..	39673b
70	13483	41.3	−40 41	9.5	9.2	F2	4	..	39673b
71	13430	41.3	−45 13	8.9	9.2	F5	5	..	39668b
72	12853	41.3	−49 46	7.9	9.3	Ma	4	..	19920b
73	3826	41.3	−65 53	*9.4*	10.6	K5	1	..	40422b
74	2863	41.4	+50 40	8.1	*8.1*	Ao	5	..	37392i
75	2769	41.4	+46 44	8.7	*8.8*	A5	2	..	37349i
76	3866	41.4	+40 28	6.44	*7.79*	Ma	5	..	37349i
77	3752	41.4	+31 10	7.35	*7.23*	B5	5	..	37885i
78	3824	41.4	− 1 37	7.6	*7.6*	Ao	3	0,10	38023i
79	5179	41.4	−10 54	9.2	*10.3*	K2	1	..	40604b
80	5746	41.4	−17 19	7.06	*8.41*	Ma	5	..	40578b
81	5483	41.4	−18 37	9.9	*10.5*	Go	2	..	39347b
82	14468	41.4	−42 19	7.4	7.7	Ko	8	..	39673b
83	14469	41.4	−42 55	9.7	10.7	G5	1	..	39673b
84	6412	41.4	−61 10	8.4	8.7	F5	7	..	40422b
85	6112	41.4	−62 36	*8.6*	8.7	A5	7	..	40422b
86	3827	41.4	−65 50	6.12	6.8	A5	..	..	56,145
87	*3346*	41.5	+44 3	8.7	*9.7*	Ko	1	..	37349i
88	3473	41.5	+41 46	9.0	*9.8*	G5	2	..	37349i
89	3725	41.5	+30 33	8.5	*8.6*	A5	2	..	38509i
90	4067	41.5	+12 54	9.0	*9.0*	Ao	1	..	38506i
91	4043	41.5	+10 22	2.80	*3.87*	K2	..	3, R	2964c
92	4143	41.5	+ 3 41	9.0	*9.3*	Fo	6	..	17057b
93	4142	41.5	+ 3 25	9.5	*10.1*	Go	3	..	17057b
94	3986	41.5	+ 2 36	8.4	*9.5*	K2	3	..	17057b
95	4094	41.5	+ 1 56	9.1	*9.6*	F8	2	..	17057b
96	4095	41.5	+ 1 14	7.74	*8.81*	K2	5	0,7	17057b
97	*3825*	41.5	− 0 54	9.8	*10.3*	F8	1	..	22023b
98	3826	41.5	− 1 19	9.3	*10.1*	G5	3	..	20397b
99	4915	41.5	− 4 41	9.2	*10.2*	Ko	1	..	20397b
100	5530	41.5	−12 30	9.2	*9.8*	Go	3	..	16854b

186800 — 19h 41m.5

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5484	41.5	−18 23	9.9	*10.9*	Ko	2	..	39347b
2	5485	41.5	−18 40	9.5	*10.5*	Ko	1	..	39347b
3	5596	41.5	−19 0	7.50	8.1	Go	6	..	40578b
4	5517	41.5	−21 54	9.5	10.0	Go	3	..	40624b
5	15745	41.5	−23 3	8.2	8.5	A3	6	..	19904b
6	14339	41.5	−25 52	7.6	9.0	K2	6	..	40624b
7	*17057*	41.5	−30 57	8.6	10.7	Ko	1	..	40902b
8	17056	41.5	−31 56	9.0	10.1	Go	3	..	39396b
9	13545	41.5	−44 48	8.91	10.1	K2	4	..	39673b
10	7532	41.5	−59 30	6.96	7.4	A2	7	..	39686b
11	4004	41.5	−64 12	*8.4*	9.2	G5	7	..	40422b
12	4005	41.5	−64 35	*8.4*	8.9	F8	8	..	40422b
13	1187	41.6	+67 18	8.7	*9.1*	F5	3	..	37333i
14	1556	41.6	+63 47	9.0	*9.0*	B8	3	..	37333i
15	2291	41.6	+56 47	6.39	*7.17*	G5	6	0,6	38889i
16	3232	41.6	+44 40	8.1	*9.1*	Ko	4	..	37349i
17	3348	41.6	+43 49	8.8	*9.6*	G5	1	..	37349i
18	4139	41.6	+19 31	8.9	*9.2*	F	1	..	37235i
19	4031	41.6	+14 29	8.3	*8.8*	F8	2	..	38506i
20	4216	41.6	+ 7 50	9.3	*9.3*	Ao	4	..	21771b
21	4214	41.6	+ 7 6	9.1	*9.7*	Go	3	..	21771b
22	4299	41.6	+ 6 9	8.6	*8.6*	Ao	5	..	24086b
23	..	41.6	+ 5 16	..	..	Ao	2	..	24086b
24	3827	41.6	− 1 9	10.5	*11.3*	G5	1	..	22023b
25	*4916*	41.6	− 3 54	8.33	*8.61*	Fo	8	..	20397b
26	4917	41.6	− 4 27	9.1	*9.7*	Go	2	..	20397b
27	5123	41.6	−11 0	9.2	*9.8*	Go	2	..	40604b
28	5231	41.6	−22 5	8.1	8.5	Go	6	..	19904b
29	16165	41.6	−28 44	6.85	7.4	Go	6	..	40635b
30	13707	41.6	−35 52	9.3	9.6	F5	2	..	40902b
31	13683	41.6	−38 5	7.9	9.8	Ma	3	..	20510b
32	13696	41.6	−41 13	7.4	8.0	G5	8	..	39673b
33	13546	41.6	−44 29	9.3	11.0	K2	1	..	39673b
34	13226	41.6	−46 15	10.3	10.7	F5	2	..	39668b
35	13278	41.6	−48 18	9.1	9.9	K5	2	..	39668b
36	9203	41.6	−55 40	8.2	9.1	G5	5	..	39686b
37	6413	41.6	−61 18	6.42	6.9	B3	..	..	56,145
38	3459	41.6	−66 24	*9.6*	9.9	F2	2	..	40422b
39	1377	41.7	+64 27	8.7	*9.3*	Go	5	..	37333i
40	3552	41.7	+32 52	8.7	*8.8*	A2	2	..	37885i
41	3767	41.7	+23 50	8.2	*9.0*	G5	2	..	37829i
42	4218	41.7	+ 7 27	8.9	*8.9*	Ao	3	..	21771b
43	4300	41.7	+ 6 48	8.1	*8.9*	G5	1	..	38506i
44	5112	41.7	− 2 31	8.9	*10.0*	K2	2	..	20397b
45	5059	41.7	− 7 31	10.4	*10.4*	Ao	3	..	40604b
46	5060	41.7	− 7 47	8.1	*9.1*	Ko	6	..	40604b
47	5103	41.7	− 8 24	7.9	*8.9*	Ko	7	..	40604b
48	5181	41.7	−10 19	8.6	*9.6*	Ko	5	..	40604b
49	5436	41.7	−16 16	9.9	*10.5*	Go	2	..	40578b
50	5518	41.7	−21 39	9.9	10.0	Fo	1	..	19904b
51	15594	41.7	−24 35	10.5	10.5	Ao	3	..	40624b
52	*16167*	41.7	−27 59	8.1	8.1	Ao	6	..	40635b
53	16528	41.7	−29 24	7.46	8.3	Go	5	..	40635b
54	13227	41.7	−46 23	8.0	9.0	Ko	7	..	39668b
55	9500	41.7	−57 28	8.8	9.7	K2	2	..	39686b
56	7334	41.7	−60 38	8.6	9.6	K5	3	..	40422b
57	2966	41.8	+45 45	8.5	*8.5*	Ao	5	..	37349i
58	3582	41.8	+33 22	8.5	*9.5*	Ko	2	0,3	37885i
59	3553	41.8	+32 28	8.5	*9.6*	K2	1	..	37885i
60	*3730*	41.8	+30 0	7.76	*9.11*	Ma	1	..	38509i
61	3662	41.8	+26 23	9.1	*9.1*	A	1	..	38509i
62	3978	41.8	+11 30	8.4	*8.4*	Ao	2	..	38506i
63	4047	41.8	+10 14	8.82	*8.96*	A5	2	..	38506i
64	4046	41.8	+10 13	8.22	*9.29*	K2	1	..	38506i
65	4251	41.8	+ 9 38	9.1	*10.2*	K2	3	..	21771b
66	4220	41.8	+ 7 16	8.7	*9.8*	K2	4	..	21771b
67	4224	41.8	+ 4 55	8.90	*9.97*	K2	2	..	17057b
68	4098	41.8	+ 1 29	9.3	*9.3*	Ao	3	..	17057b
69	3841	41.8	− 0 2	10.1	*10.5*	F5	2	..	20397b
70	4704	41.8	− 3 24	9.5	*10.1*	Go	2	..	20397b
71	5474	41.8	−13 13	8.6	*9.8*	K5	2	..	16854b
72	5473	41.8	−13 20	9.2	*9.3*	A2	4	..	16854b
73	14341	41.8	−25 1	9.8	10.5	F5	3	..	40624b
74	17060	41.8	−31 54	9.0	11.2	K5	1	..	39396b
75	13936	41.8	−34 51	8.68	9.9	K5	2	..	40902b
76	13229	41.8	−46 51	10.1	10.9	A2	2	..	39668b
77	9681	41.8	−53 7	9.1	9.1	F8	3	..	19920b
78	*7335*	41.8	−59 57	8.7	9.0	G5	4	..	40422b
79	2457	41.8	−72 44	*7.3*	8.4	K2	4	..	42475b
80	706	41.9	+75 36	9.42	*9.42*	Ao	2	..	6443m
81	1378	41.9	+64 11	9.0	*9.5*	F8	2	..	38067i
82	3234	41.9	+44 53	2.97	*2.97*	Ao	..	R	2703c
83	3442	41.9	+42 18	9.0	*9.0*	Ao	3	..	37349i
84	*3507*	41.9	+28 5	8.8	*8.8*	A	1	..	38509i
85	4080	41.9	+17 43	8.9	*8.9*	A	2	..	37235i
86	4074	41.9	+12 33	8.4	*8.4*	Ao	2	..	38506i
87	4048	41.9	+10 49	9.1	*9.9*	G5	3	..	21771b
88	4301	41.9	+ 6 52	8.9	*9.5*	Go	4	..	21771b
89	4144	41.9	+ 3 21	9.3	*10.3*	Ko	2	..	17057b
90	*5114*	41.9	− 1 58	9.7	*10.0*	Fo	2	..	20397b
91	*5244*	41.9	− 8 57	9.1	*9.9*	G5	2	..	40604b
92	5748	41.9	−17 18	7.26	*7.68*	F5	7	..	40578b
93	5600	41.9	−19 28	8.7	9.1	Ko	2	..	40578b
94	16530	41.9	−29 42	9.4	9.9	Ko	1	..	40902b
95	*13698*	41.9	−40 58	9.9	10.4	K2	1	..	39673b
96	13548	41.9	−44 29	9.0	9.0	F5	7	..	39673b
97	13432	41.9	−45 2	9.66	10.9	G5	2	..	39673b
98	13230	41.9	−46 42	10.1	11.3	Ko	1	..	39668b
99	613	41.9	−84 44	*9.1*	10.3	K5	2	..	21397b
100	836	42.0	+74 23	9.8	*10.3*	F8	2	..	6443m

186900 — 19h 42m.0

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3786	42.0	+35 51	6.00	*6.00*	Ao	8	R	38561i
2	3787	42.0	+35 50						
3	3803	42.0	+22 13	8.1	*8.1*	B8	4	..	37235i
4	4270	42.0	+20 41	8.8	*9.1*	Fo	2	..	37235i
5	4212	42.0	+ 8 30	9.3	*9.9*	Go	4	..	21771b
6	4290	42.0	+ 5 55	8.3	*8.3*	B9	2	..	37965i
7	4289	42.0	+ 5 23	9.0	*10.0*	Ko	2	..	24086b
8	5263	42.0	− 6 36	7.9	*8.9*	Ko	7	..	40604b
9	*5183*	42.0	− 9 56	8.71	*9.21*	F8	6	..	40604b
10	5182	42.0	−10 32	10.1	*10.9*	G5	2	..	40604b
11	15596	42.0	−24 40	9.6	10.8	Ko	2	..	40624b
12	14522	42.0	−26 9	9.3	8.7	Ao	6	..	40624b
13	16532	42.0	−29 23	10.3	9.9	Go	1	..	40635b
14	13687	42.0	−38 14	8.6	10.7	Ko	2	..	20510b
15	13457	42.0	−39 55	8.6	9.2	F5	4	..	20510b
16	R	42.0	−40 59	*11.2*	11.2	A	1	..	39673b
17	*13551*	42.0	−43 59	11.0	10.4	Ao	3	..	39673b
18	13233	42.0	−46 18	10.6	11.0	Go	2	..	39668b
19	7668	42.0	−58 54	9.0	9.6	G5	3	..	39686b
20	3315	42.0	−68 23	*8.5*	9.9	Ma	2	..	20541b
21	1348	42.0	−74 37	*9.5*	9.6	A2	1	..	45404b
22	750	42.1	+76 10	8.02	*9.02*	Ko	5	0,4	6443m
23	1379	42.1	+64 56	8.80	*9.58*	G5	3	..	37333i
24	2869	42.1	+50 17	Neb.	Neb.	Pd	..	R	76,23
25	2773	42.1	+46 23	7.9	*8.7*	G5	2	..	37392i
26	3598	42.1	+37 12	8.0	*8.1*	A2	3	..	38561i
27	3701	42.1	+34 46	6.23	*7.23*	Ko	7	..	37885i
28	3732	42.1	+30 42	8.5	*8.5*	A	2	..	38509i
29	3729	42.1	+30 7	8.51	*8.51*	Ao	2	..	38509i
30	3872	42.1	+24 55	8.4	*9.2*	G5	2	..	37829i
31	4272	42.1	+20 9	8.60	*8.55*	B8	2	..	37235i
32	4083	42.1	+17 34	8.5	*9.1*	Go	3	..	37235i
33	*4221*	42.1	+ 8 1	9.8	*9.8*	B9	4	..	21771b
34	4228	42.1	+ 4 48	8.9	*8.9*	Ao	6	..	17057b
35	4227	42.1	+ 4 17	8.4	*9.2*	G5	6	..	17057b
36	5488	42.1	−18 17	9.5	*10.5*	Ko	2	..	39347b
37	5487	42.1	−18 39	8.2	*8.6*	F5	4	..	40578b
38	5522	42.1	−21 12	6.75	7.3	Go	9	..	19904b
39	5235	42.1	−22 26	9.9	10.0	F8	2	..	40624b
40	*6414*	42.1	−60 59	9.2	9.6	F8	4	..	40422b
41	1389	42.1	−77 10	*9.1*	9.7	Go	3	..	42793b
42	2870	42.2	+50 32	8.52	*9.70*	K5	2	..	36119i
43	..	42.2	+28 1	9.98	..	Oa	..	..	76,29
44	3874	42.2	+24 32	8.0	*9.2*	K5	1	..	39465i
45	4084	42.2	+17 18	9.0	*10.0*	K	1	..	37235i
46	3980	42.2	+11 45	9.1	*9.1*	A	3	..	21771b
47	*4253*	42.2	+10 0	9.8	*10.4*	G	2	R	21771b
48	..	42.2	+ 8 26	..	..	Ao	2	..	21771b
49	5115	42.2	− 2 3	8.9	*9.0*	A2	7	..	20397b
50	4706	42.2	− 3 42	8.7	*8.8*	A2	5	..	20397b
51	5439	42.2	−16 45	9.2	*10.0*	G5	2	..	40578b
52	5523	42.2	−21 23	9.1	10.0	Ko	2	..	19904b
53	14523	42.2	−26 54	9.0	8.4	Ao	6	..	40624b
54	16535	42.2	−29 46	9.6	10.4	G5	1	..	40902b
55	12688	42.2	−50 47	8.7	9.9	K5	1	..	19920b
56	9501	42.2	−57 29	8.8	9.8	Ko	2	..	39686b
57	7534	42.2	−59 26	5.54	*5.60*	A2	..	..	28,214
58	1968	42.3	+58 6	9.5	*10.9*	Mb	..	..	M
59	3901	42.3	+39 15	8.6	*9.4*	G5	2	..	38561i
60	*3692*	42.3	+37 2	8.5	*8.5*	Ao	2	..	38561i
61	*4146*	42.3	+20 6	8.80	*8.80*	A	1	..	37235i
62	4236	42.3	+18 34	7.6	*8.6*	Ko	3	..	37235i
63	3981	42.3	+11 40	8.6	*9.7*	K2	4	..	21771b
64	3988	42.3	+ 2 42	8.7	*9.7*	Ko	2	..	17057b
65	4310	42.3	+ 0 13	10.5	*11.7*	K5	1	..	20397b
66	5061	42.3	− 7 36	8.1	*9.1*	Ko	7	..	40604b
67	5552	42.3	−14 50	8.26	*8.24*	B9	7	..	16854b
68	5750	42.3	−17 44	8.1	*8.5*	F5	6	..	40578b
69	5490	42.3	−18 54	8.8	*9.9*	K2	2	..	40578b
70	14526	42.3	−26 20	9.6	10.5	G5	1	..	40635b
71	14282	42.3	−27 21	9.1	8.7	F2	4	..	40635b
72	16180	42.3	−28 56	8.0	8.3	F5	5	..	40635b
73	15477	42.3	−32 38	8.4	9.8	K2	4	..	39396b
74	13700	42.3	−41 10	9.3	10.4	K5	1	..	39673b
75	*13237*	42.3	−45 59	7.2	8.0	Ko	8	..	39668b
76	9298	42.3	−56 12	*10.0*	10.3	Fo	2	..	39686b
77	837	42.4	+74 30	9.5	*10.5*	Ko	2	..	6443m
78	3870	42.4	+40 19	7.32	*7.27*	B8	5	0,5	38561i
79	3694	42.4	+36 43	8.8	*8.8*	Ao	1	..	38561i
80	3765	42.4	+31 52	7.28	*7.04*	Bo	3	..	37885i
81	4237	42.4	+18 38	8.1	*8.6*	F8	2	..	37235i
82	3982	42.4	+11 55	8.7	*9.8*	K2	3	..	21771b
83	4146	42.4	+ 3 48	9.8	*10.8*	Ko	1	..	17057b
84	*5555*	42.4	−13 57	6.18	*6.26*	A3	7	..	6230b
85	5526	42.4	−21 52	10.1	10.6	A5	2	..	40624b
86	15753	42.4	−23 20	8.6	10.3	K5	1	..	40624b
87	13701	42.4	−41 51	9.9	9.8	Go	2	..	39673b
88	13438	42.4	−45 28	9.7	9.9	F5	4	..	39668b
89	12246	42.4	−51 4	9.1	10.2	K5	1	..	19920b
90	11542	42.4	−52 1	8.5	9.0	A2	4	..	19920b
91	6415	42.4	−61 49	*10.0*	10.0	Ao	2	..	40422b
92	871	42.4	−81 50	*8.2*	8.2	B9	7	..	21397b
93	751	42.5	+76 19	8.17	*8.59*	F5	5	3,7	37224i
94	3236	42.5	+44 43	8.1	*7.9*	Bo	5	R	37349i
95	3352	42.5	+43 15	9.0	*9.3*	F	1	..	37947i
96	3905	42.5	+39 38	7.12	*7.10*	B9	5	..	38561i
97	3903	42.5	+39 25	8.8	*8.9*	A2	1	..	38561i
98	3877	42.5	+24 53	6.60	*6.88*	Fo	7	..	37829i
99	4147	42.5	+19 30	8.5	*9.5*	K	1	..	37235i
100	3984	42.5	+11 13	8.4	*9.4*	Ko	2	..	38506i

187000 — $19^h\ 42^m.5$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	*4214*	42.5	+ 9 2	9.3	*9.3*	Ao	4	..	21771b
2	4292	42.5	+ 5 13	8.61	*8.69*	A3	6	..	17057b
3	4314	42.5	+ 0 51	6.83	*7.61*	G5	4	..	38023i
4	4312	42.5	+ 0 33	10.1	*10.1*	A	1	..	20397b
5	5116	42.5	− 2 9	9.2	*9.7*	F8	5	..	20397b
6	5060	42.5	− 5 29	8.37	*8.43*	A2	6	..	40604b
7	5535	42.5	−12 44	8.9	*8.9*	Ao	6	..	16854b
8	*5527*	42.5	−20 56	8.8	10.0	Ko	1	..	19904b
9	16537	42.5	−29 8	8.1	8.9	Fo	4	..	40635b
10	13717	42.5	−35 24	8.9	10.2	Ko	1	..	40902b
11	13703	42.5	−41 1	8.9	9.5	F5	5	..	39673b
12	6115	42.5	−62 2	*10.3*	11.1	G5	1	..	40422b
13	3587	42.6	+33 30	5.03	*5.45*	F5	..	0,10	6354c
14	4238	42.6	+18 56	8.0	*8.0*	B9	4	..	37235i
15	3987	42.6	+11 59	9.5	*9.5*	A	3	E	21771b
16	4254	42.6	+ 9 25	8.5	*9.7*	K5	3	..	21771b
17	4255	42.6	+ 9 23	8.7	*9.5*	G5	4	..	21771b
18	4215	42.6	+ 8 38	9.5	*10.1*	Go	3	..	21771b
19	3842	42.6	− 0 2	9.5	*10.7*	K5	1	..	20397b
20	5246	42.6	− 9 12	9.7	*10.0*	Fo	3	..	40604b
21	5481	42.6	−13 42	8.7	*8.7*	Ao	6	..	16854b
22	5606	42.6	−19 4	9.1	10.0	Ko	1	..	40578b
23	5239	42.6	−22 17	9.2	10.0	Ko	2	..	40624b
24	14492	42.6	−33 11	10.3	11.0	Ao	2	..	39396b
25	13365	42.6	−37 24	9.3	10.6	Ko	1	..	20510b
26	13286	42.6	−48 22	9.5	10.5	G5	2	..	39668b
27	12862	42.6	−49 38	10.6	10.5	G5	1	..	39668b
28	12691	42.6	−50 51	7.64	8.0	Fo	8	..	19920b
29	12249	42.6	−51 25	9.1	9.9	G5	3	..	19920b
30	9504	42.6	−57 28	8.6	9.5	Ko	4	..	39686b
31	*6416*	42.6	−60 57	*9.7*	10.0	Fo	3	..	40422b
32	690	42.6	−83 43	*8.5*	8.9	F5	1	..	14161b
33	752	42.7	+76 52	9.3	*9.3*	Ao	4	..	6443m
34	2005	42.7	+60 26	8.2	*8.3*	A3	2	..	37970i
35	3237	42.7	+44 40	9.1	*9.1*	B8	3	..	37349i
36	3600	42.7	+37 25	8.2	*9.2*	Ko	1	..	38561i
37	3706	42.7	+34 47	8.6	*8.7*	A3	2	..	37885i
38	3558	42.7	+32 38	6.18	*7.25*	K2	6	..	37885i
39	4078	42.7	+12 8	9.0	*9.0*	A	3	E	21771b
40	4256	42.7	+ 9 18	9.1	*9.1*	Ao	5	..	21771b
41	4216	42.7	+ 8 40	9.8	*10.8*	K	2	..	21771b
42	..	42.7	+ 8 38	..	..	Ao	2	..	21771b
43	4149	42.7	+ 3 55	10.5	*10.6*	A5	2	..	17057b
44	3843	42.7	− 0 18	8.0	*8.0*	B8	8	..	20397b
45	3844	42.7	− 0 41	8.6	*8.9*	Fo	5	..	20397b
46	5185	42.7	−10 6	9.7	*10.7*	Ko	1	..	40604b
47	5607	42.7	−19 36	10.5	9.1	A2	1	..	40578b
48	15757	42.7	−23 55	10.5	11.2	F5	1	..	40624b
49	13720	42.7	−35 0	9.04	10.4	Ma	1	..	40902b
50	12693	42.7	−50 10	10.3	10.5	A2	3	..	39668b
51	2480	42.7	−71 39	7.66	7.7	Ao	7	..	42475b
52	873	42.8	+73 41	10.0	*11.1*	K2	1	..	6443m
53	2257	42.8	+55 35	7.81	*9.16*	Ma	1	..	38807i
54	2513	42.8	+52 49	8.1	*8.1*	Ao	3	..	37392i
55	2873	42.8	+50 30	8.3	*9.1*	G5	2	..	37392i
56	3941	42.8	+15 13	8.29	*8.35*	A2	2	..	37235i
57	4227	42.8	+ 7 24	8.6	*9.2*	Go	1	..	38506i
58	4225	42.8	+ 7 7	9.1	*9.1*	Ao	4	..	21771b
59	4295	42.8	+ 5 32	6.80	*7.80*	Ko	3	0,9	37965i
60	*5118*	42.8	− 1 57	9.5	*10.7*	K5	2	5,1	22023b
61	5117	42.8	− 2 48	9.9	*9.9*	Ao	3	..	20397b
62	5753	42.8	−17 24	9.7	*10.9*	K5	1	..	39347b
63	16544	42.8	−29 55	9.28	10.1	Ko	2	..	40902b
64	17386	42.8	−30 38	8.0	8.3	Fo	7	..	40902b
65	14493	42.8	−33 12	7.9	9.0	Ko	6	..	39396b
66	13494	42.8	−40 49	10.3	10.7	Go	1	..	39673b
67	13557	42.8	−44 37	10.1	11.3	Ko	1	..	39673b
68	11547	42.8	−52 29	8.6	9.6	K5	1	..	19920b
69	9691	42.8	−53 54	8.5	8.9	A3	4	..	19920b
70	1085	42.9	+70 43	8.8	*9.1*	Fo	2	..	38067i
71	2778	42.9	+46 15	7.11	*8.18*	K2	5	..	37349i
72	3560	42.9	+32 27	9.0	*9.1*	A3	2	..	37885i
73	3736	42.9	+30 11	8.11	*8.11*	Ao	2	..	38509i
74	3740	42.9	+29 17	8.5	*8.5*	Ao	3	..	38509i
75	3909	42.9	+21 31	7.01	*8.19*	K5	3	..	37235i
76	4240	42.9	+18 17	3.78	*5.13*	Ma	..	0,9 R	2836c
77		42.9	+18 17			Ao			
78	4260	42.9	+ 9 40	9.3	*9.3*	Ao	3	..	21771b
79	4150	42.9	+ 3 32	9.1	*10.1*	Ko	3	..	17057b
80	4100	42.9	+ 1 20	9.1	*10.1*	Ko	1	..	17057b
81	5441	42.9	−16 5	9.1	*9.7*	Go	2	..	40578b
82	5440	42.9	−16 25	8.7	*10.1*	Ma	2	..	40578b
83	16188	42.9	−28 39	9.1	9.9	K2	1	..	40635b
84	14495	42.9	−33 7	8.9	9.2	Go	5	..	39396b
85	13701	42.9	−38 1	7.22	7.7	F8	9	..	20510b
86	13103	42.9	−47 48	6.00	7.5	Ma	..	5,8	56,144
87	2482	42.9	−71 47	*9.0*	9.8	G5	2	..	42475b
88	873	42.9	−81 31	*8.3*	8.6	Fo	6	..	21397b
89	754	43.0	+76 46	9.6	*10.6*	Ko	1	..	6443m
90	753	43.0	+76 9	10.0	*10.5*	F8	2	..	6443m
91	3355	43.0	+43 42	8.3	*8.3*	Ao	3	..	37349i
92	3799	43.0	+35 37	8.7	*8.7*	Ao	2	..	38561i
93	4054	43.0	+10 22	9.0	*9.8*	G5	5	..	21771b
94	4230	43.0	+ 7 58	9.5	*10.3*	G5	1	..	21771b
95	4307	43.0	+ 6 41	8.7	*8.7*	Ao	5	..	21771b
96	4306	43.0	+ 6 28	8.5	*9.6*	K2	4	..	21771b
97	4317	43.0	+ 0 40	9.3	*9.4*	A2	3	..	17057b
98	16546	43.0	−29 2	6.10	6.7	Fo	8	..	40635b
99	13443	43.0	−45 37	7.16	7.3	Ko	9	..	39668b
100	13289	43.0	−48 44	10.3	10.2	Go	2	..	39668b

187100 — 19h 43m.0

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	7669	43.0	−58 45	8.10	8.4	Go	6	..	39686b
2	7336	43.0	−60 27	*9.7*	10.7	Ko	1	..	40422b
3	1233	43.1	+66 18	8.1	*8.9*	G5	3	..	37333i
4	3243	43.1	+44 19	7.8	*8.8*	Ko	3	..	37349i
5	*4095*	43.1	+18 6	8.7	*8.7*	A	1	..	37235i
6	5064	43.1	− 7 0	9.9	*10.5*	Go	2	..	40604b
7	5249	43.1	− 9 21	10.1	*10.6*	F8	2	..	40604b
8	5248	43.1	− 9 30	9.7	*9.7*	Ao	4	..	40604b
9	5247	43.1	− 9 37	10.1	*10.4*	F	2	..	40604b
10	5187	43.1	−10 6	9.9	*10.9*	Ko	1	..	40604b
11	5540	43.1	−12 22	7.9	*8.7*	G5	7	..	16854b
12	13370	43.1	−37 4	8.9	10.1	Ko	1	..	20510b
13	..	43.1	−50 15	var.	var.	Md	..	R	M
14	4007	43.1	−64 13	*8.5*	9.6	K2	5	..	40422b
15	*3461*	43.1	−65 58	*9.1*	10.1	Ko	4	..	40422b
16	3319	43.1	−68 24	*8.4*	9.5	K2	3	..	20541b
17	2723	43.1	−70 12	*7.9*	9.0	K2	7	..	20541b
18	*2297*	43.2	+57 6	8.1	*8.2*	A3	2	..	37970i
19	2780	43.2	+46 16	8.9	*9.0*	A2	1	..	37349i
20	2971	43.2	+45 29	7.52	*8.52*	Ko	3	..	37349i
21	3452	43.2	+42 28	8.5	*9.0*	F8	2	..	37349i
22	3908	43.2	+39 15	7.7	*7.8*	A2	7	..	38561i
23	3708	43.2	+34 10	8.0	*8.8*	G5	2	..	37885i
24	3594	43.2	+33 6	9.0	*9.0*	A	1	..	37885i
25	3773	43.2	+23 40	8.4	*8.9*	F8	2	..	37829i
26	*4242*	43.2	+19 2	8.6	*9.0*	F5	2	..	37235i
27	4243	43.2	+18 42	8.3	*8.3*	B9	3	..	37235i
28	3944	43.2	+15 39	7.40	*7.38*	B9	6	..	37235i
29	4262	43.2	+ 9 47	9.3	*9.9*	Go	1	..	38506i
30	4264	43.2	+ 9 47	8.0	*9.2*	K5	2	..	38506i
31	4263	43.2	+ 9 31	10.5	*10.5*	Ao	2	..	21771b
32	3994	43.2	+ 2 54	9.5	*9.6*	A3	3	..	17057b
33	*5065*	43.2	− 6 58	9.9	*9.9*	Ao	2	..	40604b
34	5719	43.2	−20 16	9.7	9.7	Ao	5	..	40624b
35	14295	43.2	−27 53	10.5	9.3	Ao	3	..	40635b
36	9307	43.2	−56 6	9.0	9.7	G5	3	..	39686b
37	7670	43.2	−58 11	*9.4*	10.0	Go	2	..	39686b
38	114	43.3	+88 41	8.26	*9.26*	Ko	4	..	37793i
39	3358	43.3	+43 30	8.1	*8.1*	B8	4	..	37349i
40	3486	43.3	+41 53	8.7	*8.7*	Ao	2	..	37349i
41	3485	43.3	+41 29	8.7	*8.7*	Ao	3	..	37349i
42	3473	43.3	+28 23	8.8	*8.8*	A	1	..	38509i
43	3946	43.3	+15 42	8.7	*8.7*	Ao	3	..	37235i
44	4079	43.3	+12 22	8.6	*8.6*	Ao	4	E	21771b
45	4056	43.3	+10 45	9.1	*9.4*	Fo	4	..	21771b
46	*4220*	43.3	+ 9 4	10.1	*10.2*	A2	3	..	21771b
47	4310	43.3	+ 6 42	8.9	*9.0*	A3	4	..	21771b
48	4309	43.3	+ 6 40	9.1	*10.2*	K2	2	..	21771b
49	5189	43.3	−10 5	9.5	*10.5*	Ko	2	..	40604b
50	5541	43.3	−12 34	6.66	*7.84*	K5	7	..	16854b
51	5559	43.3	−14 38	8.3	*8.9*	Go	5	..	16854b
52	5472	43.3	−15 21	8.8	*10.0*	K5	2	..	40578b
53	16549	43.3	−29 54	10.3	9.8	Ao	2	..	40902b
54	14501	43.3	−33 0	7.5	8.3	Go	9	..	39396b
55	13952	43.3	−34 30	8.4	9.5	G5	3	..	40902b
56	1393	43.3	−77 10	*9.0*	10.2	K5	1	..	42793b
57	874	43.4	+73 37	10.3	*10.9*	Go	2	..	6443m
58	1382	43.4	+64 16	9.0	*9.8*	G5	1	..	38067i
59	2948a	43.4	+48 50	var.	var.	Md	..	R	M
60	*3359*	43.4	+44 5	7.03	*7.59*	Go	5	..	37349i
61	3739	43.4	+30 36	7.46	*7.44*	B9	4	..	37885i
62	3478	43.4	+28 14	8.4	*9.2*	G5	1	..	38509i
63	*4006*	43.4	+17 0	8.3	*8.8*	F8	2	..	37235i
64	4221	43.4	+ 8 39	10.1	*10.1*	Ao	5	..	21771b
65	4311	43.4	+ 6 34	9.3	*10.5*	K5	2	..	21771b
66	4233	43.4	+ 4 13	10.5	*10.5*	Ao	1	..	17057b
67	4151	43.4	+ 3 25	9.3	*10.5*	K5	1	..	17057b
68	5124	43.4	− 2 5	7.36	*7.34*	B9	3	0,10	38023i
69	5111	43.4	− 8 18	9.2	*9.7*	F8	5	..	40604b
70	5442	43.4	−16 14	9.1	*9.1*	Ao	4	..	40578b
71	5612	43.4	−19 17	9.1	9.4	F8	3	..	40578b
72	*5533*	43.4	−20 59	9.5	9.2	A3	1	..	19904b
73	17392	43.4	−30 31	8.0	8.7	Fo	7	..	40902b
74	9499	43.4	−54 28	*8.8*	9.8	Ko	1	..	19920b
75	7338	43.4	−60 53	*9.7*	11.1	Ma	1	..	40422b
76	689	43.5	+78 58	8.7	*9.2*	F8	1	..	38512i
77	1067	43.5	+69 15	8.5	*8.8*	Fo	5	..	37333i
78	*1078*	43.5	+69 6	8.7	*9.7*	K	2	..	37333i
79	2678	43.5	+51 24	8.3	*8.7*	F5	4	..	37392i
80	3772	43.5	+31 11	8.1	*8.1*	Ao	3	..	37885i
81	*3968*	43.5	+26 2	8.5	*8.5*	A	1	..	38509i
82	4154	43.5	+13 12	6.94	*7.36*	F5	7	..	38506i
83	*4224*	43.5	+ 9 5	9.3	*10.1*	G5	4	..	21771b
84	4153	43.5	+ 3 11	8.4	*8.7*	F2	6	..	17057b
85	4923	43.5	− 4 6	9.2	*10.4*	K5	1	..	20397b
86	13377	43.5	−37 12	10.3	10.1	F8	1	..	20510b
87	13451	43.5	−45 8	10.6	10.4	A5	2	..	39673b
88	306c	43.5	−69 47	*9.3*	9.8	F8	3	..	20541b
89	875	43.6	+73 21	10.0	*11.2*	K5	1	..	6443m
90	2260	43.6	+55 47	8.9	*8.9*	Ao	2	..	38807i
91	*3756*	43.6	+39 4	8.7	*9.1*	F5	2	..	38561i
92	3744	43.6	+30 45	8.2	*8.2*	Ao	2	..	37885i
93	3972	43.6	+25 8	6.04	*7.04*	Ko	7	..	37829i
94	4235	43.6	+ 4 33	9.8	*10.9*	K2	1	..	17057b
95	5131	43.6	−11 7	6.23	*7.23*	Ko	..	0,9	56,145
96	5561	43.6	−14 51	8.56	*9.56*	Ko	4	..	16854b
97	5755	43.6	−17 41	9.7	*11.2*	F8	3	..	40578b
98	15491	43.6	−32 16	8.6	9.8	Ko	4	..	39396b
99	13563	43.6	−44 2	8.9	9.5	G5	6	..	39673b
100	*13112*	43.6	−46 56	11.0	11.0	Go	1	..	39668b

187200 — $19^h\,43^m.7$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	2061	43.7	+57 39	7.9	*8.9*	Ko	1	..	37970i
2	3777	43.7	+23 59	8.4	*8.4*	A	2	..	37829i
3	4058	43.7	+10 26	6.38	*6.94*	Gop	6	R	38506i
4	4296	43.7	+ 5 19	9.5	*9.5*	Ao	4	..	17057b
5	..	43.7	+ 3 27	var.	var.	Mc	2	R	37590b
6	5112	43.7	− 8 9	9.1	*10.3*	K5	2	..	40604b
7	5191	43.7	−10 14	7.91	*8.91*	Ko	7	..	40604b
8	*5492*	43.7	−12 56	8.9	*10.1*	K5	1	..	16854b
9	5536	43.7	−21 15	9.5	10.0	A5	3	..	40624b
10	13956	43.7	−34 54	8.88	9.2	F8	5	..	40902b
11	14496	43.7	−42 6	7.9	7.2	A2	9	..	39673b
12	13250	43.7	−46 36	7.2	7.5	F5	9	..	39668b
13	9505	43.7	−57 11	*9.3*	9.4	A3	3	..	39686b
14	9506	43.7	−57 55	8.3	8.8	G5	6	..	39686b
15	7339	43.7	−60 25	9.2	10.2	K2	2	..	40422b
16	332	43.8	+85 9	9.6	..	R3	..	..	M
17	3101	43.8	+49 46	6.78	*7.78*	Ko	6	..	37392i
18	4154	43.8	+19 44	8.1	*8.1*	Ao	5	..	37235i
19	4153	43.8	+19 6	8.1	*9.1*	Ko	2	..	37235i
20	4085	43.8	+12 8	7.6	*7.6*	Ao	3	..	38506i
21	3995	43.8	+ 2 44	9.5	*10.3*	G5	3	..	17057b
22	4718	43.8	− 3 35	9.9	*10.7*	G5	1	..	20397b
23	5266	43.8	− 6 53	9.9	*10.2*	F2	2	..	40604b
24	5253	43.8	− 9 11	8.1	*8.9*	G5	6	..	40604b
25	5538	43.8	−21 38	9.5	9.1	F5	3	..	40624b
26	14549	43.8	−26 36	8.0	9.3	K2	3	..	40624b
27	13251	43.8	−46 44	11.6	11.5	F5	1	..	39668b
28	13252	43.8	−46 48	9.7	11.8	K5	1	..	39668b
29	13115	43.8	−47 10	11.0	10.7	F8	2	..	39668b
30	12258	43.8	−51 18	9.2	9.3	F5	3	..	19920b
31	9213	43.8	−55 40	8.1	9.4	Ko	5	..	39686b
32	1394	43.8	−77 3	*9.1*	10.5	Mb	..	..	M
33	640	43.9	+79 46	8.1	*8.2*	A2	3	..	38512i
34	3880	43.9	+40 44	7.9	*8.0*	A5	5	..	37349i
35	3758	43.9	+38 9	5.67	*5.65*	B9	10	..	38561i
36	3480	43.9	+28 54	8.8	*8.8*	Ao	2	..	38509i
37	3516	43.9	+27 36	6.75	*7.53*	G5	5	..	38509i
38	3812	43.9	+22 31	7.7	*8.8*	K2	2	..	37235i
39	4059	43.9	+10 32	9.8	*10.2*	F5	3	..	21771b
40	4298	43.9	+ 5 52	8.7	*9.7*	Ko	3	..	17057b
41	4105	43.9	+ 1 22	9.5	*10.1*	Go	1	..	17057b
42	3831	43.9	− 1 54	9.17	*10.17*	Ko	2	R	20397b
43	5269	43.9	− 6 18	9.2	*9.3*	A5	4	..	40604b
44	5069	43.9	− 7 28	9.7	*10.5*	G5	2	..	40604b
45	5114	43.9	− 8 1	8.9	*8.9*	Ao	6	..	40604b
46	*5193*	43.9	− 9 59	10.1	*10.6*	F8	2	..	40604b
47	5539	43.9	−21 0	8.8	9.1	A5	3	..	19904b
48	*15616*	43.9	−23 58	8.0	8.4	Ao	9	..	40624b
49	14302	43.9	−27 22	9.8	9.6	F8	2	..	40635b
50	13453	43.9	−45 13	11.0	11.0	Ao	1	..	39673b
51	13299	43.9	−48 24	9.7	10.5	G5	1	..	39668b
52	3320	43.9	−68 53	*9.3*	10.1	G5	2	..	20541b
53	2222	44.0	+54 24	8.5	*9.0*	F8	3	..	37392i
54	3248	44.0	+44 36	9.0	*9.0*	Ao	6	0,2	5816m
55	3517	44.0	+27 26	7.34	*7.34*	Ao	5	..	38509i
56	3921	44.0	+21 57	8.5	*8.9*	F5	3	..	37235i
57	3920	44.0	+21 7	8.4	*8.4*	B9	4	..	37235i
58	4248	44.0	+18 24	7.6	*7.9*	F2	5	R	37238i
59	3994	44.0	+11 34	5.70	*6.04*	F2	7	R	38506i
60		44.0	+11 34			A2			
61	4299	44.0	+ 5 30	8.4	*8.4*	Ao	7	..	17057b
62	4320	44.0	+ 0 44	9.0	*9.3*	F2	4	..	17057b
63	3847	44.0	− 0 7	10.5	*10.5*	Ao	3	..	20397b
64	5070	44.0	− 7 43	9.9	*10.5*	Go	2	..	40604b
65	5071	44.0	− 7 49	9.5	*10.6*	K2	2	..	40604b
66	5115	44.0	− 8 36	9.1	*9.9*	G5	4	..	40604b
67	5616	44.0	−19 38	9.2	10.9	K2	1	..	40578b
68	5722	44.0	−20 28	9.2	9.7	Ao	4	..	40624b
69	13737	44.0	−35 20	10.3	10.6	Ko	1	..	40902b
70	13455	44.0	−45 20	10.6	10.6	Go	2	..	39673b
71	13254	44.0	−46 54	9.5	10.6	Ko	3	..	39668b
72	*9508*	44.0	−56 58	7.23	8.2	Ko	8	..	39686b
73	7539	44.0	−59 25	8.72	10.0	K2	2	..	39686b
74	909	44.1	+72 17	8.5	*8.6*	A2	2	..	38029i
75	2223	44.1	+54 10	6.78	*7.78*	Ko	6	..	37392i
76	2914	44.1	+47 18	9.5	*9.6*	A5	1	..	37349i
77	3463	44.1	+42 15	8.0	*8.0*	Ao	4	..	37349i
78	*3609*	44.1	+38 3	8.1	*8.1*	Ao	4	..	38561i
79	3779	44.1	+31 15	6.65	*6.65*	Ao	7	..	37885i
80	*3518*	44.1	+28 4	8.5	*9.5*	Ko	1	..	38509i
81	4251	44.1	+18 49	9.1	*9.2*	A5	1	..	37235i
82	..	44.1	+17 57	..	..	Oa	..	..	76,29
83	4048	44.1	+14 49	7.64	*8.06*	F5	3	..	37235i
84	3996	44.1	+11 26	6.57	*7.57*	Ko	4	..	38506i
85	5127	44.1	− 2 30	9.9	*10.0*	A2	2	..	20397b
86	4932	44.1	− 4 12	10.1	*10.5*	F5	2	..	20397b
87	5069	44.1	− 5 37	9.2	*9.5*	Fo	4	..	40604b
88	5117	44.1	− 8 17	9.2	*9.8*	Go	4	..	40604b
89	5140	44.1	−11 15	9.1	*10.5*	Ma	3	..	40604b
90	13716	44.1	−38 48	9.3	9.8	F5	2	..	20510b
91	13476	44.1	−39 41	9.5	10.4	F5	2	..	39673b
92	13477	44.1	−39 50	8.68	8.9	Go	6	..	20510b
93	13625	44.1	−43 29	10.1	10.9	A3	2	..	39673b
94	12259	44.1	−51 13	6.88	7.6	F8	9	..	19920b
95	7540	44.1	−59 0	*9.6*	10.7	K2	1	..	39686b
96	7340	44.1	−60 22	9.2	9.6	F5	3	..	40422b
97	1980	44.2	+58 55	8.6	*9.4*	G5	1	..	37970i
98	3760	44.2	+38 40	8.8	*8.9*	A2	1	..	38561i
99	3889	44.2	+24 45	7.46	*8.53*	K2	2	..	38794i
100	4161	44.2	+19 58	8.35	*8.91*	Go	3	..	37235i

187300 — $19^h\,44^m.2$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4317	44.2	+ 6 32	9.8	*9.9*	A2	3	..	21771b
2	3848	44.2	− 0 15	9.5	*10.5*	Ko	2	..	20397b
3	*3832*	44.2	− 0 59	10.5	*11.6*	K2	1	..	22023b
4	5070	44.2	− 5 46	9.5	*9.6*	A2	4	..	40604b
5	5072	44.2	− 7 4	8.9	*9.0*	A2	4	..	40604b
6	5143	44.2	−11 40	7.02	*7.44*	F5	9	..	16854b
7	*5562*	44.2	−13 57	9.7	*9.7*	A	1	..	16854b
8	*14309*	44.2	−26 58	7.42	8.4	Ko	6	..	40624b
9	17097	44.2	−31 8	7.6	9.5	K2	5	..	40902b
10	13724	44.2	−36 43	8.6	9.2	F5	6	..	20510b
11	13719	44.2	−41 17	10.3	9.5	B5	3	R	39673b
12	13257	44.2	−46 6	8.9	9.9	Ko	4	..	39668b
13	13116	44.2	−47 13	9.9	10.9	G5	2	..	39668b
14	13301	44.2	−48 47	10.1	10.5	G5	1	..	39668b
15	4008	44.2	−64 14	*9.6*	10.4	G5	3	..	40422b
16	3321	44.2	−68 24	*8.0*	9.0	Ko	5	..	20541b
17	1981	44.3	+58 8	7.9	*8.5*	Go	3	..	37970i
18	3249	44.3	+44 22	9.1	*10.1*	Ko	3	..	5816m
19	3926	44.3	+21 44	8.2	*8.1*	B5	4	..	37235i
20	4162	44.3	+19 24	7.6	*7.4*	B2	6	..	37235i
21	4252	44.3	+18 37	7.05	*7.61*	Go	3	R	37235i
22		44.3	+18 37			A			
23	4253	44.3	+18 7	8.0	*7.9*	B5	3	..	37235i
24	4062	44.3	+10 48	8.9	*9.0*	A3	1	..	38506i
25	4061	44.3	+10 19	9.07	*9.15*	A3	1	..	38506i
26	4226	44.3	+ 8 47	9.3	*9.9*	Go	5	..	21771b
27	4158	44.3	+ 3 24	8.3	*8.8*	F8	7	..	17057b
28	3833	44.3	− 1 13	10.5	*10.5*	Ao	4	..	20397b
29	4936	44.3	− 4 47	8.35	*8.91*	Go	7	..	40604b
30	5619	44.3	−19 9	8.8	9.1	Ao	3	..	40578b
31	5540	44.3	−21 47	9.2	10.3	K2	1	..	40624b
32	5247	44.3	−22 29	9.5	11.8	K5	1	..	40624b
33	15780	44.3	−23 2	7.6	7.3	B9	8	..	19904b
34	14310	44.3	−27 32	9.6	9.0	F8	3	..	40635b
35	12699	44.3	−50 4	9.5	10.2	Ko	3	..	39668b
36	2486	44.3	−71 48	*8.1*	9.5	Mb	2	..	42475b
37	2076	44.3	−73 48	*8.4*	9.4	Ko	3	..	42475b
38	1395	44.3	−77 33	*8.4*	8.5	A5	6	..	42793b
39	*973*	44.4	+72 7	7.9	*7.9*	Ao	4	..	37224i
40	*1079*	44.4	+69 6	5.90	*5.90*	Ao	10	..	37333i
41	2883	44.4	+50 9	8.22	*8.30*	A3	4	..	37392i
42	*3490*	44.4	+42 5	8.0	*9.2*	K5	2	..	37349i
43	3892	44.4	+24 43	7.41	*7.39*	B9	5	..	37829i
44	4013	44.4	+16 22	7.6	*7.6*	Ao	6	..	37235i
45	*4269*	44.4	+10 2	9.67	*9.73*	A2	3	..	21771b
46	4227	44.4	+ 8 21	9.1	*9.5*	F5	6	..	21771b
47	*4241*	44.4	+ 8 1	7.5	*7.6*	A5	4	..	38506i
48	3849	44.4	− 0 4	10.5	*11.1*	Go	1	..	22023b
49	*3835*	44.4	− 0 57	10.5	*11.3*	G5	2	..	22023b
50	3834	44.4	− 1 21	8.7	*8.5*	B2	7	..	20397b
51	3836	44.4	− 1 48	8.97	*9.47*	F8	4	..	20397b
52	5073	44.4	− 7 2	9.9	*10.0*	A2	2	..	40604b
53	*5144*	44.4	−10 59	7.7	*8.0*	Fo	8	..	40604b
54	5503	44.4	−18 7	9.1	*9.2*	A3	2	..	40578b
55	15782	44.4	−23 51	9.4	9.7	Fo	5	..	40624b
56	15504	44.4	−32 51	7.7	7.6	Ao	9	..	40902b
57	13508	44.4	−40 27	9.9	10.4	F5	2	..	39673b
58	13459	44.4	−45 26	9.0	9.9	Ko	5	..	39668b
59	9706	44.4	−53 44	*10.0*	10.0	Ao	2	..	19920b
60	1193	44.5	+67 42	9.6	*9.6*	A	2	..	37333i
61	2526	44.5	+52 59	8.3	*8.7*	F5	2	..	37392i
62	4254	44.5	+18 53	4.95	*5.01*	A2	..	2, R	2836c
63	3996	44.5	+ 2 45	9.8	*10.8*	Ko	1	..	17057b
64	3997	44.5	+ 2 36	9.0	*9.3*	F2	5	..	17057b
65	4720	44.5	− 3 50	9.2	*9.2*	Ao	4	..	20397b
66	5504	44.5	−18 13	8.1	*8.5*	F5	5	..	40578b
67	5542	44.5	−21 54	8.7	8.1	A5	6	..	19904b
68	17102	44.5	−31 10	7.6	9.2	Ko	5	..	40902b
69	14506	44.5	−42 20	8.6	8.0	F8	8	..	39673b
70	14505	44.5	−42 44	9.3	8.9	Go	6	..	39673b
71	1397	44.6	+65 56	9.3	*9.3*	Ao	2	..	37333i
72	2916	44.6	+47 39	6.24	*7.59*	Ma	5	..	37392i
73	3250	44.6	+44 36	10.0	*10.1*	A2	2	..	5816m
74	3616	44.6	+37 29	7.51	*8.58*	K2	2	..	38561i
75	3709	44.6	+36 55	7.6	*7.7*	A2	3	..	38561i
76	4271	44.6	+ 9 18	9.5	*10.3*	G5	2	..	21771b
77	4228	44.6	+ 8 57	9.5	*10.3*	G5	4	..	21771b
78	4229	44.6	+ 8 32	10.5	*10.6*	A3	2	..	21771b
79	3998	44.6	+ 2 19	9.0	*9.8*	G5	4	..	17057b
80	*4108*	44.6	+ 2 6	9.1	*9.9*	G5	3	..	17057b
81	4938	44.6	− 4 11	8.3	*9.1*	G5	5	0,4	20397b
82	15620	44.6	−24 42	10.3	9.9	Fo	3	..	40624b
83	14375	44.6	−25 33	8.0	8.7	Ko	7	..	40624b
84	14557	44.6	−26 25	8.6	9.6	G5	3	..	40624b
85	14312	44.6	−27 36	8.2	8.7	G5	4	..	40635b
86	13744	44.6	−35 26	10.1	9.9	B8	7	..	40902b
87	13387	44.6	−37 9	7.86	8.0	F2	8	..	20510b
88	13718	44.6	−38 32	7.9	10.7	K2	1	..	20510b
89	13510	44.6	−40 18	10.3	10.4	G5	1	..	39673b
90	13632	44.6	−43 38	9.9	11.0	F8	2	..	39673b
91	12262	44.6	−51 29	8.7	9.3	K2	2	..	19920b
92	9219	44.6	−55 24	*9.4*	9.7	F2	3	..	39686b
93	6420	44.6	−61 44	8.5	9.3	G5	6	..	40422b
94	4548	44.6	−63 49	*7.9*	8.2	Fo	9	..	40422b
95	3685	44.6	−67 22	*8.8*	9.9	K2	4	..	20541b
96	3323	44.6	−68 30	*7.9*	7.9	Ao	8	..	20541b
97	1194	44.7	+67 48	8.9	*9.3*	F5	2	..	37333i
98	1398	44.7	+65 57	9.8	*9.8*	Ao	1	..	37333i
99	3754	44.7	+29 10	7.7	*7.7*	Ao	5	..	38509i
100	*4164*	44.7	+20 3	8.60	*8.60*	Ao	2	..	37235i

187400 — $19^h\,44^m.7$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4053	44.7	+14 58	7.74	*8.52*	G5	2	..	37235i
2	4052	44.7	+14 53	7.69	*8.03*	F2	3	..	37235i
3	4051	44.7	+14 14	8.7	*8.8*	A2	2	..	38506i
4	*4064*	44.7	+11 6	9.5	*10.6*	K2	1	..	21771b
5	4322	44.7	+ 6 28	9.8	*10.6*	G5	2	..	21771b
6	4000	44.7	+ 2 42	7.8	*8.2*	F5	9	..	17057b
7	3999	44.7	+ 2 25	10.5	*10.6*	A2	2	..	17057b
8	5129	44.7	− 2 18	9.5	*10.7*	K5	1	..	22023b
9	4940	44.7	− 4 52	8.95	*9.73*	G5	4	..	40604b
10	5195	44.7	−10 15	6.90	*7.68*	G5	10	..	40604b
11	5478	44.7	−15 11	8.03	*8.11*	A3	7	..	16854b
12	5622	44.7	−19 33	9.2	10.0	Ko	2	..	40578b
13	15512	44.7	−32 26	8.4	10.7	Ko	1	..	40902b
14	13746	44.7	−35 33	7.9	8.0	B9	7	..	40902b
15	13512	44.7	−40 48	9.9	10.8	Ko	1	..	39673b
16	14507	44.7	−42 26	9.9	9.2	F2	4	..	39673b
17	13633	44.7	−43 42	9.0	9.0	F5	6	..	39673b
18	13121	44.7	−47 6	8.1	8.4	A2	7	..	39668b
19	13120	44.7	−47 36	11.6	..	Ro	..	..	39376b
20	9221	44.7	−55 13	6.14	7.2	G5	..	5,9	**56**,144
21	9222	44.7	−55 13	6.76	7.2	A2	..	2,9	**56**,144
22	7341	44.7	−60 31	*9.6*	9.9	Fo	4	..	40422b
23	6422	44.7	−61 24	*10.0*	11.1	K2	2	..	40422b
24	3062	44.7	−69 12	*8.7*	9.0	F2	6	..	20541b
25	755	44.8	+76 28	9.8	*10.6*	G5	2	..	6443m
26	1754	44.8	+62 16	8.3	*9.3*	Ko	1	..	37970i
27	3756	44.8	+30 35	7.61	*8.39*	G5	2	..	37885i
28	4165	44.8	+19 33	7.9	*8.7*	G5	2	..	37235i
29	4105	44.8	+17 24	8.7	*8.8*	A5	1	..	37235i
30	3956	44.8	+15 46	8.3	*9.1*	G5	2	..	37235i
31	4094	44.8	+12 37	8.9	*9.2*	F2	3	R	21771b
32	4243	44.8	+ 7 54	9.1	*9.1*	Ao	4	..	21771b
33	4242	44.8	+ 7 23	9.8	*9.8*	Ao	2	..	21771b
34	*4323*	44.8	+ 7 3	8.5	*9.0*	F8	6	..	21771b
35	4302	44.8	+ 5 9	9.21	*10.28*	K2	1	..	17057b
36	3851	44.8	− 0 26	10.5	*10.6*	A3	1	..	20397b
37	5130	44.8	− 2 24	9.1	*10.2*	K2	3	..	20397b
38	5121	44.8	− 8 52	8.1	*8.2*	A2	8	..	40604b
39	5565	44.8	−14 11	7.20	*7.15*	B8	9	..	16854b
40	5479	44.8	−15 41	8.1	*8.1*	Ao	6	..	40578b
41	14561	44.8	−26 53	8.8	9.0	A2	4	..	40624b
42	13579	44.8	−44 37	10.1	9.9	A2	4	..	39673b
43	3686	44.8	−67 32	*9.6*	10.6	Ko	2	..	20541b
44	1374	44.8	−76 34	*8.9*	9.7	G5	2	..	42793b
45	1561	44.9	+63 16	8.04	*8.46*	F5	6	..	37333i
46	2681	44.9	+51 49	9.0	*9.1*	A3	2	..	37392i
47	4095	44.9	+12 27	9.5	*9.5*	Ao	2	..	21771b
48	4238	44.9	+ 4 33	9.0	*10.2*	K5	1	..	17057b
49	4325	44.9	+ 0 13	9.5	*9.5*	Ao	3	..	17057b
50	5566	44.9	−14 4	9.7	*10.3*	G	1	..	16854b
51	5567	44.9	−14 22	8.9	*10.1*	K5	3	..	16854b
52	R	44.9	−22 54	10.5	10.0	F8	2	..	40624b
53	*13728*	44.9	−40 57	8.4	9.5	K5	3	..	39673b
54	3830	44.9	−65 32	*9.3*	10.1	G5	4	..	40422b
55	3687	44.9	−67 17	*10.4*	10.4	Ao	2	..	20541b
56	2467	44.9	−72 36	8.71	9.0	K2	3	..	42475b
57	2888	45.0	+50 53	9.1	*10.5*	Ma	..	..	M
58	*3727*	45.0	+35 4	6.52	*6.94*	F5	6	..	37885i
59	3602	45.0	+33 12	6.35	*6.11*	Bo	6	0,7	9896i
60	3756	45.0	+29 38	8.6	*9.6*	Ko	1	..	38794i
61	3522	45.0	+27 56	8.0	*8.1*	A5	2	..	38509i
62	3523	45.0	+27 29	7.06	*7.62*	Go	5	..	38509i
63	4106	45.0	+17 14	8.5	*8.8*	Fo	2	..	37235i
64	4065	45.0	+10 59	7.9	*9.0*	K2	1	..	38506i
65	4066	45.0	+10 43	8.5	*8.6*	A2	2	..	38506i
66	4304	45.0	+ 5 35	10.5	*10.5*	B9	1	..	17057b
67	4240	45.0	+ 4 32	10.5	*10.6*	A2	1	..	17057b
68	4239	45.0	+ 4 17	9.8	*10.2*	F5	1	..	17057b
69	3852	45.0	− 0 13	9.3	*10.5*	K5	1	..	20397b
70	5131	45.0	− 2 18	9.5	*10.3*	G5	3	..	20397b
71	5075	45.0	− 7 37	10.1	*10.1*	Ao	3	..	40604b
72	15789	45.0	−23 49	10.5	10.6	F8	2	..	40624b
73	14317	45.0	−27 43	7.20	7.4	B9	7	..	40635b
74	13514	45.0	−40 7	5.39	*5.39*	Aop	..	R	**56**,145
75	13463	45.0	−45 54	7.5	8.9	K5	6	..	39668b
76	13264	45.0	−46 16	9.3	10.9	G5	2	..	39668b
77	2728	45.0	−70 27	*7.9*	9.0	K2	6	..	20541b
78	1239	45.1	+66 39	9.3	*9.3*	Ao	3	..	37333i
79	*2889*	45.1	+51 6	8.2	*9.2*	K	1	..	37392i
80	3253	45.1	+44 56	8.5	*9.6*	K2	4	..	5816m
81	3252	45.1	+44 39	9.3	*9.4*	A2	4	..	5816m
82	3715	45.1	+36 49	8.4	*8.4*	Ao	2	..	38561i
83	4020	45.1	+16 55	8.5	*8.5*	A	3	..	37235i
84	4019	45.1	+16 52	8.5	*8.5*	A	2	..	37235i
85	4018	45.1	+16 30	8.6	*8.9*	F	1	..	37235i
86	4165	45.1	+13 50	8.9	*9.2*	Fo	2	..	38506i
87	4278	45.1	+ 9 32	10.1	*10.2*	A3	5	..	21771b
88	4244	45.1	+ 7 47	7.9	*8.3*	F5	7	..	21771b
89	3853	45.1	− 0 45	10.5	*11.0*	F8	1	..	20397b
90	5076	45.1	− 7 19	9.1	*9.7*	Go	5	..	40604b
91	5077	45.1	− 7 26	9.2	*10.3*	K2	2	..	40604b
92	5260	45.1	− 9 50	9.5	*10.6*	K2	1	..	40604b
93	5147	45.1	−11 2	9.2	*10.2*	Ko	2	2,2	40604b
94	15791	45.1	−23 36	9.0	9.2	G5	4	..	40624b
95	14323	45.1	−27 24	9.8	8.4	Ao	4	..	40635b
96	17110	45.1	−31 22	8.1	9.2	G5	4	..	40902b
97	13389	45.1	−37 44	9.5	9.8	Go	2	..	20510b
98	12880	45.1	−49 55	8.3	8.8	Fo	4	..	19920b
99	12705	45.1	−50 10	9.7	9.3	F8	2	..	19920b
100	9317	45.1	−56 55	8.5	8.8	F5	7	..	39686b

187500 — 19h 45m.1

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	*7541*	45.1	−58 57	*10.0*	10.8	G5	1	..	39686b
2	3921	45.2	+39 11	8.8	*8.9*	A2	1	..	38561i
3	3578	45.2	+32 33	7.62	*8.80*	K5	1	..	37885i
4	3986	45.2	+25 16	8.01	*8.01*	Ao	3	..	37829i
5	4021	45.2	+16 8	7.8	*8.6*	G5	4	..	37235i
6	4248	45.2	+ 7 36	8.6	*9.7*	K2	1	..	38506i
7	4163	45.2	+ 3 16	9.1	*9.7*	Go	3	..	17057b
8	4001	45.2	+ 2 19	9.5	*10.3*	G5	1	..	17057b
9	4326	45.2	+ 0 13	9.03	*9.03*	Ao	4	..	17057b
10	3837	45.2	− 1 14	10.5	*10.5*	Ao	3	..	20397b
11	5273	45.2	− 6 45	9.7	*10.8*	K2	1	..	40604b
12	5261	45.2	− 9 13	10.1	*11.1*	K	1	..	40604b
13	5148	45.2	−11 42	10.1	*10.1*	Ao	1	..	16854b
14	5568	45.2	−14 50	9.5	*10.7*	K5	1	..	16854b
15	5625	45.2	−19 53	9.7	10.0	Go	2	..	40624b
16	14380	45.2	−25 9	7.45	8.4	Ko	8	..	40624b
17	16219	45.2	−28 14	8.8	9.0	G5	3	..	40635b
18	13391	45.2	−37 35	6.63	8.0	Ko	9	..	20510b
19	14512	45.2	−42 10	10.3	9.8	Go	3	..	39673b
20	11559	45.2	−52 34	*9.3*	9.6	Fo	2	..	19920b
21	9521	45.2	−57 20	8.0	8.2	Ko	6	..	39686b
22	2683	45.3	+51 39	8.3	*9.1*	G5	1	..	37392i
23	3923	45.3	+39 41	6.94	*7.22*	Fo	6	..	37349i
24	3486	45.3	+28 20	8.0	*8.0*	Ao	5	..	38509i
25	4279	45.3	+ 9 46	9.3	*9.4*	A2	4	..	21771b
26	4230	45.3	+ 8 22	9.8	*10.9*	K2	1	R	21771b
27	*4326*	45.3	+ 7 6	9.3	9.3	Ao	3	..	21771b
28	4164	45.3	+ 3 18	9.8	*9.9*	A2	1	..	17057b
29	4165	45.3	+ 3 7	8.5	*8.5*	Ao	7	..	17057b
30	5275	45.3	− 6 2	9.2	*10.0*	G5	4	..	40604b
31	5197	45.3	−10 22	9.2	*10.2*	Ko	3	..	40604b
32	5149	45.3	−11 1	5.55	*5.83*	Fo	..	..	56,145
33	5728	45.3	−20 45	9.2	10.3	Fo	3	..	40624b
34	5545	45.3	−21 28	9.9	10.6	Ko	2	..	40624b
35	14384	45.3	−25 2	9.15	9.4	G5	4	..	40624b
36	16217	45.3	−28 28	9.4	8.7	B	3	..	40635b
37	16218	45.3	−28 42	8.2	9.3	Ko	2	..	40635b
38	13724	45.3	−38 39	7.5	8.9	K2	4	..	20510b
39	14516	45.3	−42 52	9.7	9.5	G5	4	..	39673b
40	13641	45.3	−43 36	10.6	10.6	F2	3	..	39673b
41	9318	45.3	−56 6	8.7	9.5	Go	3	..	39686b
42	9319	45.3	−56 9	8.2	9.4	G5	3	..	39686b
43	4009	45.3	−64 23	*9.3*	9.6	F2	5	..	40422b
44	2730	45.3	−70 8	*9.8*	9.9	A5	3	..	20541b
45	2303	45.4	+56 52	7.53	*7.59*	A2	5	..	37970i
46	2304	45.4	+56 40	7.12	*8.19*	K2	4	..	37970i
47	3475	45.4	+42 51	8.6	*8.7*	A3	3	..	37349i
48	3488	45.4	+28 21	8.5	*9.3*	G5	1	..	38509i
49	4023	45.4	+16 47	8.3	*8.3*	B9	3	..	37235i
50	4003	45.4	+11 32	7.9	*9.1*	K5	3	..	38506i
51	*4068*	45.4	+11 7	9.5	*10.7*	K5	1	..	21771b
52	4280	45.4	+ 9 8	8.4	*9.4*	Ko	2	..	38506i
53	4327	45.4	+ 6 59	9.1	*9.2*	A3	3	..	21771b
54	4166	45.4	+ 3 23	9.5	*9.5*	Ao	3	..	17057b
55	*3838*	45.4	− 0 55	9.8	*9.8*	B9	4	..	20397b
56	5276	45.4	− 6 24	9.9	*11.0*	K2	1	..	40604b
57	5126	45.4	− 8 29	9.5	*10.3*	G5	2	..	40604b
58	5571	45.4	−14 51	9.06	*10.24*	K5	1	..	16854b
59	17113	45.4	−31 17	9.1	10.7	K2	1	..	40902b
60	13735	45.4	−36 47	10.3	10.2	G5	1	..	20510b
61	13394	45.4	−37 10	9.3	10.4	K2	1	..	20510b
62	13469	45.4	−45 32	9.5	10.1	Ko	3	..	39668b
63	9229	45.4	−55 38	8.9	9.7	Go	3	..	39686b
64	641	45.5	+79 47	8.7	*8.7*	Ao	2	..	38512i
65	3760	45.5	+29 8	8.4	*9.0*	Go	4	..	38794i
66	4110	45.5	+17 43	8.1	*8.1*	Aop	4	R	37235i
67	4252	45.5	+ 7 39	6.39	*6.22*	B3	..	0,6	56,98
68	4242	45.5	+ 4 14	10.5	*11.1*	Go	1	..	17057b
69	4329	45.5	+ 0 29	8.6	*8.6*	B9	5	..	17057b
70	*5075*	45.5	− 4 56	6.79	*6.85*	A2	6	..	38023i
71	5079	45.5	− 7 5	9.5	*10.6*	K2	1	..	40604b
72	5080	45.5	− 7 20	9.2	*10.2*	Ko	3	..	40604b
73	5127	45.5	− 8 11	9.9	*10.7*	G5	2	..	40604b
74	5128	45.5	− 8 48	9.9	*11.0*	K2	1	..	40604b
75	5264	45.5	− 9 6	9.2	*10.0*	G5	4	..	40604b
76	5553	45.5	−12 0	9.7	*9.7*	Ao	1	..	16854b
77	5546	45.5	−21 23	8.7	9.1	Ko	6	..	40624b
78	14330	45.5	−27 20	7.56	7.8	B9	6	..	40635b
79	13309	45.5	−48 38	9.5	10.5	Ko	2	..	39668b
80	9713	45.5	−53 20	7.0	7.5	Ko	8	..	19920b
81	*592*	45.6	+83 6	8.5	*9.5*	Ko	3	..	37294i
82	2956	45.6	+48 59	8.7	*9.3*	G	2	..	37392i
83	3761	45.6	+29 37	8.4	*8.5*	A3	3	..	38794i
84	3763	45.6	+29 25	9.0	*9.0*	Ao	3	..	38794i
85	3855	45.6	− 0 20	10.5	*11.3*	G5	2	..	22023b
86	5132	45.6	− 2 39	9.2	*9.3*	A2	4	..	20397b
87	5263	45.6	− 9 15	9.2	*10.2*	Ko	2	..	40604b
88	*5554*	45.6	−11 55	9.2	*10.3*	K2	1	..	16854b
89	5481	45.6	−15 24	8.5	*9.5*	Ko	4	..	40578b
90	5508	45.6	−18 34	9.2	*9.2*	A	2	..	40578b
91	5733	45.6	−20 47	9.9	9.7	A2	3	..	40624b
92	5254	45.6	−22 38	9.2	9.7	A2	3	..	40624b
93	2685	45.7	+51 23	9.0	*9.0*	A	2	..	37392i
94	3258	45.7	+44 43	8.6	*9.1*	F8	6	3,3	5816m
95	3257	45.7	+44 37	9.0	*10.2*	K5	3	..	5816m
96	4115	45.7	+17 28	6.83	*7.83*	Ko	4	..	37235i
97	*4070*	45.7	+11 0	8.4	*9.6*	K5	1	..	38506i
98	4071	45.7	+10 51	10.5	*10.5*	Ao	2	..	21771b
99	4282	45.7	+ 9 7	10.5	*10.9*	F5	2	..	21771b
100	4255	45.7	+ 7 35	10.1	*10.6*	F8	3	..	21771b

187600 — 19h 45m.7

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4113	45.7	+ 1 31	8.5	*9.3*	G5	5	..	17057b
2	*4728*	45.7	− 2 54	8.9	*9.7*	G5	2	..	20397b
3	*5200*	45.7	− 9 59	9.31	*10.31*	Ko	3	..	40604b
4	5628	45.7	−19 28	7.79	8.8	K2	4	..	40578b
5	16228	45.7	−28 48	7.73	9.0	K2	4	..	40635b
6	13489	45.7	−39 4	9.2	8.9	Ao	7	..	20510b
7	13644	45.7	−43 48	10.1	10.4	F5	3	..	39673b
8	*13268*	45.7	−45 56	9.3	9.9	Fo	4	..	39668b
9	11561	45.7	−52 34	9.0	9.0	A2	4	..	19920b
10	1201	45.8	+67 29	7.7	*8.0*	Fo	7	..	37333i
11	1200	45.8	+67 14	8.16	*8.94*	G5	4	..	37333i
12	3260	45.8	+44 50	9.1	*9.1*	Ao	3	..	5816m
13	3261	45.8	+44 7	6.82	*6.77*	B8	5	..	37349i
14	3678	45.8	+26 50	6.52	*7.30*	G5	5	..	38509i
15	4062	45.8	+14 16	7.6	*7.7*	A3	4	..	37235i
16	4234	45.8	+ 8 17	10.1	*10.7*	Go	3	..	21771b
17	4243	45.8	+ 4 11	7.7	*8.8*	K2	6	..	17057b
18	*4330*	45.8	+ 1 3	9.34	*10.41*	K2	1	..	17057b
19	4331	45.8	+ 0 36	7.78	*7.78*	Ao	8	0,3	17057b
20	4730	45.8	− 3 6	8.5	*9.3*	G5	5	..	20397b
21	5080	45.8	− 5 39	9.2	*10.2*	Ko	2	..	40604b
22	5201	45.8	−10 27	9.7	*10.7*	Ko	2	..	40604b
23	5152	45.8	−11 32	9.1	*9.6*	F8	4	..	16854b
24	5483	45.8	−15 51	9.1	*9.6*	F8	3	..	40578b
25	5447	45.8	−16 7	8.7	*9.9*	K5	2	..	40578b
26	16230	45.8	−28 45	8.06	9.3	Ko	3	..	40635b
27	17425	45.8	−30 40	9.3	10.1	Ao	2	..	40902b
28	13741	45.8	−36 20	9.9	10.1	A5	2	..	20510b
29	13491	45.8	−39 43	9.3	10.7	K5	2	..	39673b
30	13589	45.8	−44 2	8.9	9.8	Ko	4	..	39673b
31	13270	45.8	−46 16	11.0	10.7	Go	3	..	39668b
32	13312	45.8	−48 43	9.1	9.0	A5	3	..	19920b
33	9510	45.8	−54 11	8.3	8.5	Ao	6	..	39686b
34	3831	45.8	−65 20	*9.6*	9.9	Fo	4	..	40422b
35	3067	45.8	−69 54	*10.0*	10.1	A3	2	..	20541b
36	*707*	45.9	+76 5	10.3	*10.8*	F8	2	..	6443m
37	3498	45.9	+41 20	8.1	*8.5*	F5	4	..	37349i
38	3772	45.9	+38 28	6.21	*6.99*	G5	6	5,4	37947i
39	*3587*	45.9	+33 2	8.33	*8.39*	A2	2	E	37885i
40	3493	45.9	+28 12	6.29	*6.24*	B8	7	0,7	38493i
41	4007	45.9	+11 13	9.5	*9.5*	Ao	3	..	21771b
42	4236	45.9	+ 8 36	0.89	*1.03*	A5	..	R	**28**,214
43	4244	45.9	+ 4 56	9.8	*10.8*	Ko	1	..	17057b
44	4245	45.9	+ 4 50	9.8	*10.1*	Fo	1	..	17057b
45	4168	45.9	+ 3 42	10.1	*10.9*	G5	1	..	17057b
46	4005	45.9	+ 2 59	10.1	*10.4*	Fo	1	..	17057b
47	4004	45.9	+ 2 55	9.8	*11.2*	Mb	2	..	37590b
48	3857	45.9	− 0 26	10.5	*11.3*	G5	1	..	20397b
49	5083	45.9	− 7 17	10.1	*10.1*	Ao	3	..	40604b
50	5267	45.9	− 9 46	8.41	*9.41*	Ko	5	..	40604b
51	5498	45.9	−13 42	9.9	*9.9*	Ao	2	..	16854b
52	13271	45.9	−46 37	8.5	8.0	A2	8	..	39668b
53	6426	45.9	−61 25	6.32	6.4	A3	..	1,10	**56**,145
54	2470	45.9	−72 22	7.99	8.6	Ko	5	..	42475b
55	*4026*	46.0	+17 2	7.6	*7.6*	Ao	5	..	37235i
56	*4331*	46.0	+ 7 1	9.5	*10.5*	Ko	2	..	21771b
57	4333	46.0	+ 6 34	9.1	*9.2*	A5	5	..	21771b
58	4247	46.0	+ 4 50	8.7	*8.7*	Ao	5	..	17057b
59	3839	46.0	− 1 15	10.1	*10.2*	A3	2	..	22023b
60	5133	46.0	− 2 43	6.36	*7.54*	K5	4	3,9	38023i
61	5278	46.0	− 6 50	10.5	*10.5*	Ao	2	..	40604b
62	5559	46.0	−12 4	8.3	*8.7*	F5	6	..	16854b
63	5558	46.0	−12 52	7.50	*8.50*	Ko	7	..	16854b
64	5484	46.0	−15 2	6.78	*6.84*	A2	5	..	6230b
65	5449	46.0	−16 35	9.9	*10.7*	G5	2	..	40578b
66	5768	46.0	−17 31	8.7	*9.7*	Ko	3	..	40578b
67	*5735*	46.0	−19 57	8.38	8.5	A3	4	..	40578b
68	15641	46.0	−24 41	8.2	8.4	F5	7	..	40624b
69	15534	46.0	−32 49	8.4	10.1	Ko	1	..	40902b
70	13492	46.0	−39 20	9.9	10.4	Go	2	..	39673b
71	9512	46.0	−54 37	7.30	8.8	Ko	6	..	39686b
72	3463	46.0	−66 49	*9.9*	10.4	F8	3	..	20541b
73	4283	46.1	+ 9 37	10.5	*10.5*	A	2	R	21771b
74	4007	46.1	+ 2 41	9.3	*9.6*	F2	3	..	17057b
75	4006	46.1	+ 2 31	9.0	*9.1*	A5	3	..	17057b
76	4115	46.1	+ 1 48	9.1	*9.1*	Ao	4	..	17057b
77	..	46.1	− 1 14	..	..	Ko	1	..	22023b
78	3840	46.1	− 1 20	10.5	*10.5*	Ao	2	..	22023b
79	5134	46.1	− 2 33	9.7	*10.2*	F8	3	..	22023b
80	5082	46.1	− 5 43	9.2	*9.7*	F8	2	..	40604b
81	5154	46.1	−11 11	9.7	*10.1*	F5	2	..	16854b
82	5561	46.1	−12 17	8.9	*9.4*	F8	3	..	16854b
83	5629	46.1	−19 2	8.7	*9.7*	Ko	2	..	40578b
84	13495	46.1	−39 50	8.98	8.9	F2	5	..	20510b
85	14523	46.1	−42 50	9.9	10.8	K5	2	..	45073b
86	12887	46.1	−49 44	8.3	9.0	F8	4	..	19920b
87	*839*	46.2	+75 5	8.32	*9.32*	Ko	4	0,3	6443m
88	3589	46.2	+32 24	8.03	*7.98*	B8	2	..	9896i
89	3798	46.2	+23 55	8.2	*9.2*	Ko	1	..	38794i
90	4300	46.2	+20 19	8.1	*8.1*	B9	4	..	37235i
91	4073	46.2	+10 10	5.22	*5.78*	Go	10	R	38506i
92	4285	46.2	+ 9 23	10.1	*10.1*	B9	2	..	21771b
93	*4170*	46.2	+ 4 0	8.7	*9.7*	Ko	5	..	17057b
94	3841	46.2	− 1 48	9.5	*10.3*	G5	3	..	20397b
95	5083	46.2	− 5 37	9.5	*10.3*	G5	3	..	40604b
96	5156	46.2	−11 12	7.16	*7.58*	F5	9	..	16854b
97	5499	46.2	−13 17	7.02	*8.09*	K2	8	..	16854b
98	13983	46.2	−34 56	8.6	9.6	A3	4	..	40902b
99	13397	46.2	−37 55	7.9	9.0	K2	5	..	20510b
100	13731	46.2	−38 20	9.3	11.3	Ko	1	..	20510b

187700 — 19h 46m.2

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13496	46.2	−39 28	10.1	10.1	Go	2	..	39673b
2	13479	46.2	−45 21	10.6	10.6	G5	2	..	39673b
3	13273	46.2	−46 18	9.5	10.9	Ko	2	..	39668b
4	13275	46.2	−46 54	9.9	11.0	Go	2	..	39668b
5	9529	46.2	−57 47	9.0	9.7	K2	1	..	39686b
6	6428	46.2	−61 54	*10.1*	10.7	Go	1	..	40422b
7	875	46.2	−81 11	*9.0*	9.5	F8	2	..	21397b
8	1069	46.3	+69 40	8.1	*8.1*	Ao	4	..	37333i
9	2929	46.3	+47 11	9.5	*9.6*	A2	1	..	37349i
10	3484	46.3	+42 39	8.6	*8.6*	Ao	3	..	37349i
11	3767	46.3	+29 46	8.6	*8.7*	A2	3	..	38794i
12	3941	46.3	+21 52	7.24	*8.02*	G5	5	..	37235i
13	4111	46.3	+12 49	9.0	*9.0*	Ao	1	..	38506i
14	4013	46.3	+11 9	9.0	*10.1*	K2	2	..	21771b
15	4286	46.3	+ 9 51	8.9	*8.9*	Ao	1	..	38506i
16	4239	46.3	+ 8 41	10.1	*10.2*	A5	3	..	21771b
17	*4308*	46.3	+ 6 0	8.9	*9.3*	F5	6	..	21771b
18	*4008*	46.3	+ 3 6	8.9	*9.9*	Ko	4	..	17057b
19	5450	46.3	−16 45	9.9	*10.7*	G5	2	..	40578b
20	5772	46.3	−17 1	9.9	*11.0*	K2	1	..	40578b
21	5739	46.3	−20 29	9.2	10.0	K2	3	..	40624b
22	14535	46.3	−33 1	8.6	8.6	A2	6	..	40902b
23	12890	46.3	−49 6	9.2	10.5	K5	2	..	39668b
24	4010	46.3	−64 40	*10.6*	10.9	Fo	1	..	40422b
25	1242	46.4	+66 40	9.0	*9.0*	Ao	2	..	37333i
26	1400	46.4	+65 9	8.80	*9.30*	F8	2	..	37333i
27	1386	46.4	+64 26	8.1	*8.5*	F5	3	..	37333i
28	2266	46.4	+55 29	7.56	*8.06*	F8	2	..	37970i
29	3684	46.4	+26 27	8.6	*9.7*	K2	1	..	38794i
30	4175	46.4	+19 58	6.66	*6.72*	A2	8	..	37235i
31	4029	46.4	+16 37	7.01	*6.96*	B8	6	..	37235i
32	4310	46.4	+ 5 29	7.9	*9.0*	K2	5	..	21771b
33	4249	46.4	+ 4 42	9.5	*10.5*	Ko	2	..	17057b
34	4172	46.4	+ 3 51	6.60	*7.60*	Ko	8	..	17057b
35	4171	46.4	+ 3 24	8.9	*8.9*	B9	7	..	17057b
36	4332	46.4	+ 0 13	9.8	*10.3*	F8	3	..	22023b
37	3858	46.4	− 0 32	9.5	*10.1*	Go	2	..	20397b
38	*3842*	46.4	− 0 53	9.1	*10.1*	Ko	3	..	20397b
39	5631	46.4	−19 18	5.99	6.4	G5	9	R	40578b
40	15806	46.4	−23 1	9.6	10.9	K5	1	..	40624b
41	15540	46.4	−32 14	7.06	7.5	Ao	10	..	40902b
42	15539	46.4	−32 43	8.0	9.0	Ko	6	..	40902b
43	13527	46.4	−40 31	9.3	9.2	F2	5	..	39673b
44	12713	46.4	−50 24	9.2	9.3	G5	3	..	19920b
45	9328	46.4	−56 18	8.1	8.5	Ao	6	..	39686b
46	7343	46.4	−60 40	*10.1*	11.2	K2	1	..	40422b
47	6429	46.4	−61 13	*9.1*	10.5	Mb	2	..	40422b
48	2121	46.5	+59 10	6.66	*7.22*	Go	7	..	37970i
49	2306	46.5	+56 15	7.46	*8.64*	K5	1	..	37970i
50	3769	46.5	+30 31	8.1	*8.1*	Ao	5	0,3	37885i
51	4177	46.5	+19 47	7.25	*7.33*	A3	7	..	37235i
52	4067	46.5	+14 55	8.1	*8.1*	A	2	..	37235i
53	4288	46.5	+ 9 23	6.29	*6.29*	Ao	8	..	38506i
54	4260	46.5	+ 7 9	7.9	*8.0*	A2	1	..	38506i
55	4312	46.5	+ 5 48	9.5	*9.6*	A2	3	..	21771b
56	4251	46.5	+ 4 47	9.1	*10.1*	Ko	1	..	17057b
57	4250	46.5	+ 4 13	var.	var.	Md	..	R	M
58	5563	46.5	−12 50	8.7	*9.7*	Ko	6	..	16854b
59	5632	46.5	−19 1	9.1	*10.1*	Ko	2	..	40578b
60	15644	46.5	−24 12	9.8	10.5	K5	2	..	40624b
61	13498	46.5	−39 40	9.3	9.5	A3	3	..	20510b
62	13530	46.5	−40 37	8.6	9.2	Ko	4	..	39673b
63	7675	46.5	−58 49	*9.7*	10.5	G5	1	..	39686b
64	1082	46.6	+68 11	6.35	*6.63*	Fo	8	0,9	38067i
65	1563	46.6	+63 47	8.1	*9.1*	Ko	2	..	37333i
66	2267	46.6	+55 10	8.61	*8.75*	A5	3	..	34818i
67	2303	46.6	+53 31	6.85	*6.80*	B8	6	..	37392i
68	2539	46.6	+52 48	8.3	8.3	Ao	3	..	37392i
69	4289	46.6	+ 9 40	10.5	*10.6*	A2	3	..	21771b
70	4262	46.6	+ 7 32	8.5	*8.6*	A5	1	..	38506i
71	4313	46.6	+ 5 58	9.3	*9.4*	A2	4	..	21771b
72	4118	46.6	+ 1 32	8.4	*9.5*	K2	2	..	17057b
73	4333	46.6	+ 0 40	10.5	*11.9*	Ma	1	..	37590b
74	5203	46.6	−10 36	7.14	*7.48*	F2	10	..	40604b
75	5159	46.6	−11 9	6.93	*7.93*	Ko	9	..	40604b
76	5564	46.6	−12 7	8.7	*8.7*	Ao	7	..	16854b
77	5511	46.6	−18 14	9.9	*9.9*	A	2	..	40578b
78	5742	46.6	−20 8	9.2	10.0	A2	3	..	40624b
79	14589	46.6	−26 25	8.6	9.0	Fo	5	..	40624b
80	14343	46.6	−27 5	8.2	9.3	G5	1	..	40635b
81	14346	46.6	−27 8	9.6	9.9	G	1	..	40635b
82	16243	46.6	−28 23	8.6	9.0	Ko	3	..	40635b
83	17128	46.6	−31 6	8.6	10.4	K5	2	..	40902b
84	13593	46.6	−44 24	9.3	10.9	Ko	2	..	39673b
85	13594	46.6	−44 42	9.3	10.7	K2	2	..	39673b
86	9532	46.6	−57 41	*9.3*	9.4	A3	4	..	39686b
87	4549	46.6	−63 16	*8.5*	9.9	Ma	4	0,4	39282b
88	4012	46.6	−64 14	*9.1*	10.1	Ko	4	..	40422b
89	4011	46.6	−64 29	*9.8*	10.9	K2	2	..	40422b
90	3689	46.6	−67 14	*10.0*	10.6	Go	2	..	20541b
91	3332	46.6	−68 48	*8.8*	9.8	Ko	3	..	20541b
92	1564	46.7	+63 37	7.83	*8.39*	Go	8	..	37333i
93	1912	46.7	+61 10	7.18	*8.36*	K5	3	..	37970i
94	3263	46.7	+44 20	9.1	*9.2*	A2	3	..	5816m
95	3826	46.7	+35 51	7.06	*7.06*	Ao	5	..	38561i
96	3593	46.7	+32 40	var.	var.	Md	..	0,7 R	6354c
97	3907	46.7	+24 23	7.04	*7.04*	Ao	4	..	38493i
98	4010	46.7	+ 2 58	9.5	*10.5*	Ko	1	..	17057b
99	3859	46.7	− 0 46	9.1	*10.1*	Ko	2	..	20397b
100	5284	46.7	− 6 36	9.1	*9.6*	F8	4	..	40604b

187800 — 19h 46m.7

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5776	46.7	−17 8	7.9	*8.9*	Ko	4	..	40578b
2	5263	46.7	−22 28	9.2	10.0	Fo	3	..	40624b
3	14399	46.7	−25 15	9.0	9.9	K5	3	..	40624b
4	13500	46.7	−39 9	9.0	10.8	K2	1	..	39673b
5	13741	46.7	−41 58	9.9	8.6	Fo	5	..	39673b
6	12717	46.7	−50 49	9.5	9.6	F5	1	..	19920b
7	9533	46.7	−57 49	8.0	8.6	Ko	5	..	39686b
8	7344	46.7	−60 7	9.2	9.6	Fo	2	..	40422b
9	4013	46.7	−64 46	*9.9*	10.9	Ko	1	..	40422b
10	3265	46.8	+44 54	8.3	*9.3*	Ko	2	..	37349i
11	3833	46.8	+22 21	4.91	*4.74*	B3	..	0,10	56,98
12	4291	46.8	+ 9 48	9.8	*9.8*	Ao	2	..	21771b
13	*4242*	46.8	+ 9 3	9.8	*10.4*	Go	2	..	21771b
14	4263	46.8	+ 7 15	9.3	*10.7*	Ma	2	..	21771b
15	4254	46.8	+ 4 55	8.60	*9.60*	Ko	6	..	17057b
16	4120	46.8	+ 1 49	9.1	*9.4*	Fo	3	..	17057b
17	..	46.8	+ 1 26	..	..	F8	2	..	17057b
18	5136	46.8	− 2 24	8.1	*9.2*	K2	6	..	20397b
19	5135	46.8	− 8 24	9.9	*10.0*	A3	2	..	40604b
20	5160	46.8	−11 37	7.7	*8.5*	G5	7	..	40604b
21	5490	46.8	−15 43	8.7	*9.3*	Go	4	..	40578b
22	5451	46.8	−16 35	9.7	*10.7*	Ko	1	..	40578b
23	5513	46.8	−18 35	8.7	*8.7*	Ao	5	..	40578b
24	5634	46.8	−19 37	8.5	9.7	K5	3	..	40624b
25	5743	46.8	−20 13	9.1	9.2	Go	4	..	40624b
26	5554	46.8	−21 36	9.1	9.1	F2	6	..	40624b
27	15648	46.8	−24 8	10.3	10.5	K5	1	..	40624b
28	14400	46.8	−25 28	9.3	9.4	G5	4	..	40624b
29	17439	46.8	−30 11	8.63	8.9	A5	6	..	40902b
30	13742	46.8	−41 22	9.3	8.6	Ao	5	..	39673b
31	13659	46.8	−43 36	10.3	10.9	Go	2	..	39673b
32	13597	46.8	−44 48	9.51	10.4	F5	4	..	39673b
33	13489	46.8	−45 0	10.3	10.9	A5	2	..	39673b
34	12894	46.8	−49 43	8.5	10.5	Mb	1	..	19920b
35	7544	46.8	−59 27	var.	var.	Mc	5	R	40422b
36	..	46.9	+48 42	Neb.	Neb.	Pd	..	R	76,23
37	3688	46.9	+26 34	8.6	*9.7*	K2	1	..	38794i
38	4264	46.9	+ 7 25	9.1	*9.6*	F8	4	..	21771b
39	5272	46.9	− 9 49	8.56	*9.56*	Ko	3	..	40604b
40	5162	46.9	−11 12	7.9	*9.0*	K2	5	..	40604b
41	15811	46.9	−23 24	7.70	7.3	Ao	10	..	40624b
42	15649	46.9	−24 3	10.8	10.8	Go	1	..	40624b
43	14593	46.9	−26 13	10.3	10.0	A3	2	..	40624b
44	17441	46.9	−30 32	9.0	9.5	G5	2	..	40902b
45	15547	46.9	−32 20	8.4	9.5	Mb	2	..	40902b
46	12279	46.9	−51 12	8.6	9.3	F8	2	..	19920b
47	9534	46.9	−57 7	8.1	8.2	A2	6	..	39686b
48	3507	47.0	+41 22	8.7	*9.0*	F	2	..	37349i
49	3780	47.0	+38 27	5.43	*6.78*	Ma	6	0,5-	37947i
50	*3498*	47.0	+29 2	9.2	*9.3*	A2	1	..	38794i
51	3534	47.0	+27 27	7.8	*7.7*	B5	3	..	38794i
52	4075	47.0	+10 24	10.1	*10.2*	A2	3	..	21771b
53	4292	47.0	+ 9 18	8.1	*9.1*	Ko	2	..	38506i
54	4265	47.0	+ 7 50	7.6	*7.7*	A2	4	..	38506i
55	4122	47.0	+ 1 21	7.9	*8.0*	A2	8	2,2	17057b
56	3860	47.0	− 0 36	10.5	*11.9*	Mb	..	..	M
57	5556	47.0	−21 19	8.3	8.3	B8	9	..	40624b
58	14403	47.0	−25 43	7.6	8.4	F8	8	..	40624b
59	13739	47.0	−38 50	8.9	9.2	Go	3	..	20510b
60	7545	47.0	−59 40	9.94	10.2	Go	2	..	40422b
61	3832	47.0	−65 37	..	10.4	Ro	3	..	40422b
62	*1244*	47.1	+67 2	8.9	*9.2*	F2	4	..	37333i
63	4174	47.1	+ 3 50	9.8	*10.8*	Ko	2	..	17057b
64	3861	47.1	− 0 51	9.0	*10.0*	Ko	2	..	20397b
65	*4734*	47.1	− 2 53	9.7	*10.5*	G5	2	..	20397b
66	5285	47.1	− 6 45	9.5	*10.5*	Ko	1	..	40604b
67	5088	47.1	− 7 3	9.5	*9.6*	A2	4	..	40604b
68	5501	47.1	−13 33	9.2	*9.2*	Ao	4	..	16854b
69	5492	47.1	−15 40	8.5	*8.5*	B9	6	..	40578b
70	*5557*	47.1	−20 57	9.7	10.0	G5	2	..	40624b
71	16250	47.1	−28 3	9.6	9.6	A2	3	..	40635b
72	13741	47.1	−38 8	10.6	10.9	A2	1	..	20510b
73	13492	47.1	−45 26	11.0	11.5	G5	1	..	39673b
74	1276	47.1	−78 17	*9.0*	9.4	F5	3	..	42793b
75	1243	47.2	+66 19	8.9	*9.4*	F8	2	..	37333i
76	2074	47.2	+57 10	8.3	*8.9*	Go	3	..	37970i
77	2933	47.2	+47 33	9.3	*9.4*	A2	2	..	37349i
78	3380	47.2	+43 24	7.8	*8.8*	Ko	3	..	37349i
79	3902	47.2	+40 20	5.62	*5.43*	B2	7	1,7 R	37347i
80	3636	47.2	+37 35	6.31	*7.66*	Ma	5	0,3	37891i
81	*3949*	47.2	+22 2	8.0	*8.8*	G5	2	..	37235i
82	3950	47.2	+21 54	8.0	*8.8*	G5	1	..	37235i
83	4183	47.2	+19 53	9.1	*9.1*	A	2	..	37235i
84	3845	47.2	− 1 31	9.0	*10.0*	Ko	4	..	20397b
85	5779	47.2	−17 17	9.2	*9.7*	F8	4	..	40578b
86	14356	47.2	−27 11	7.8	8.7	Ko	4	..	40635b
87	17446	47.2	−30 32	8.1	8.9	F8	6	..	40902b
88	13536	47.2	−40 34	10.3	9.8	Ao	4	..	39673b
89	13493	47.2	−45 16	10.1	11.3	Go	1	..	39673b
90	12897	47.2	−49 30	10.6	11.1	F5	2	..	39668b
91	9520	47.2	−54 23	*9.7*	11.1	Ma	..	..	M
92	3833	47.2	−65 47	*8.9*	9.9	Ko	5	..	40422b
93	4018	47.3	+11 11	8.1	*9.2*	K2	2	..	38506i
94	4245	47.3	+ 8 49	9.8	*10.3*	F8	5	..	21771b
95	4266	47.3	+ 7 57	10.5	*10.6*	A2	1	..	21771b
96	4269	47.3	+ 7 48	8.5	*9.6*	K2	6	..	21771b
97	4267	47.3	+ 7 12	7.17	*7.95*	G5	3	..	38506i
98	4336	47.3	+ 6 22	9.0	*9.4*	F5	5	..	21771b
99	*4176*	47.3	+ 4 2	8.6	*9.8*	K5	3	..	17057b
100	4336	47.3	+ 0 43	9.5	*10.6*	K2	1	..	17057b

187900 **19h 47m.3**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No
		m.	° ′						
1	*3846*	47.3	− 0 56	9.0	*10.1*	K2	2	..	20397b
2	4736	47.3	− 3 24	9.9	*11.0*	K2	1	..	20397b
3	5091	47.3	− 5 48	8.1	*8.1*	B9	7	..	40604b
4	*5141*	47.3	− 7 57	8.3	*9.3*	Ko	6	..	40604b
5	5275	47.3	− 9 11	10.4	*10.5*	A2	2	..	40604b
6	5493	47.3	−15 8	9.9	*10.9*	Ko	2	..	40578b
7	5637	47.3	−19 31	9.2	9.7	K2	2	..	40624b
8	5560	47.3	−21 41	9.2	10.6	F5	3	R	40624b
9		47.3	−21 41		10.6				
10	15550	47.3	−32 55	8.3	9.2	Ko	4	..	40902b
11	11574	47.3	−52 4	7.7	9.0	Ko	4	..	19920b
12	4014	47.3	−64 25	*10.0*	10.6	Go	2	..	40422b
13	..	47.3	−65 0	..	..	G5	1	..	40422b
14	3334	47.3	−68 33	*9.3*	9.9	Go	3	..	20541b
15	1854	47.3	−74 23	*7.7*	8.1	F5	6	..	42475b
16	1399	47.3	−77 42	*8.2*	9.2	Ko	4	..	42793b
17	1404	47.4	+65 12	9.00	*10.00*	Ko	2	..	37333i
18	2960	47.4	+48 41	9.0	*9.0*	A	1	..	37392i
19	2959	47.4	+48 10	7.9	*9.0*	K2	2	..	37392i
20	3490	47.4	+42 8	8.2	*9.2*	Ko	2	..	37349i
21	3536	47.4	+27 12	var.	var.	Ko	3	R	38493i
22	4121	47.4	+17 33	8.5	*8.5*	B9	2	..	37235i
23	4019	47.4	+11 23	6.18	*6.74*	Go	6	..	38506i
24	*4294*	47.4	+10 0	8.52	*8.58*	A2	2	..	38506i
25	4318	47.4	+ 5 8	9.26	*9.26*	Ao	6	..	17057b
26	4175	47.4	+ 3 31	9.3	*9.6*	Fo	2	..	17057b
27	4011	47.4	+ 2 52	10.1	*10.9*	G5	1	..	17057b
28	4013	47.4	+ 2 42	8.3	*9.4*	K2	4	..	17057b
29	4337	47.4	+ 0 45	var.	var.	Gop	..	o, R	748c
30	4338	47.4	+ 0 24	8.4	*8.5*	A3	7	..	17057b
31	5137	47.4	− 2 23	10.1	*10.7*	Go	2	..	20397b
32	5286	47.4	− 6 9	9.14	*10.3*	K5	1	..	40604b
33	5143	47.4	− 8 45	9.7	*10.3*	Go	1	..	40604b
34	*5567*	47.4	−11 55	9.2	*10.4*	K5	1	..	16854b
35	5747	47.4	−20 0	9.38	10.0	F5	3	..	40624b
36	13538	47.4	−40 26	7.8	8.9	K2	5	..	39673b
37	13284	47.4	−46 29	10.3	11.0	A2	2	..	39668b
38	13282	47.4	−46 46	9.1	10.4	A5	3	..	39668b
39	13324	47.4	−48 25	10.3	11.1	F2	2	..	39668b
40	12720	47.4	−50 24	9.2	10.8	Ko	1	..	19920b
41	692	47.4	−83 8	*9.1*	10.3	K5	2	..	21397b
42	2961	47.5	+48 29	9.0	*9.3*	F	1	..	37392i
43	4001	47.5	+25 58	7.34	*7.32*	B9	3	..	38493i
44	4123	47.5	+17 36	8.5	*9.1*	Go	2	..	37235i
45	*4023*	47.5	+12 1	8.6	*8.9*	F2	4	..	21771b
46	4258	47.5	+ 4 38	9.5	*10.7*	K5	1	..	17057b
47	4124	47.5	+ 1 28	9.0	*10.0*	Ko	2	..	17057b
48	5289	47.5	− 6 52	9.2	*9.3*	A2	4	..	40604b
49	5578	47.5	−14 51	6.36	*6.42*	A2	10	..	16854b
50	5494	47.5	−15 20	9.2	*9.2*	A	3	..	40578b
51	5497	47.5	−15 28	9.9	*10.7*	G5	1	..	40578b
52	15820	47.5	−23 39	9.4	8.8	A2	5	..	40624b
53	13758	47.5	−36 14	7.82	8.3	A2	8	..	40902b
54	13749	47.5	−41 4	8.9	9.2	F5	5	..	39673b
55	4551	47.5	−63 17	*9.1*	9.5	F5	4	..	40422b
56	3932	47.6	+39 17	8.4	*9.0*	Go	2	..	38561i
57	4002	47.6	+25 59	7.7	*7.7*	Ao	2	..	38493i
58	4308	47.6	+20 40	7.7	*7.7*	Ao	5	..	37235i
59	*4074*	47.6	+15 5	7.69	*7.75*	A2	4	..	37235i
60	4077	47.6	+10 41	7.9	*9.0*	K2	5	o,1	21771b
61	*4295*	47.6	+10 6	6.48	*6.36*	B5	6	..	38506i
62	*4259*	47.6	+ 5 0	8.65	*9.72*	K2	6	..	17057b
63	*5093*	47.6	− 4 53	9.20	*9.62*	F5	3	..	40604b
64	5290	47.6	− 6 30	9.1	*10.1*	Ko	4	..	40604b
65	5520	47.6	−18 10	8.7	*9.3*	Go	3	..	40578b
66	13497	47.6	−45 31	10.6	10.9	G5	2	..	39673b
67	12722	47.6	−50 9	10.1	10.2	A3	2	..	19920b
68	743	47.7	+77 17	8.5	*9.5*	Ko	1	..	37224i
69	709	47.7	+75 53	9.5	*10.0*	F8	3	..	6443m
70	*3382*	47.7	+44 4	8.3	*9.1*	G5	3	..	37349i
71	*3507*	47.7	+29 1	8.7	*8.7*	Ao	3	..	38794i
72	4039	47.7	+16 54	9.0	*9.6*	Go	2	..	37235i
73	4247	47.7	+ 8 53	7.9	*7.9*	Ao	4	..	38506i
74	5144	47.7	− 8 31	9.2	*9.2*	Ao	4	..	40604b
75	5276	47.7	− 9 37	9.5	*10.5*	Ko	1	..	40604b
76	13287	47.7	−46 15	10.6	11.5	K2	1	..	39668b
77	9522	47.7	−54 12	7.8	8.8	K5	5	..	39686b
78	3335	47.7	−68 5	*8.0*	8.6	Go	7	..	20541b
79	2232	47.8	+54 24	7.9	*9.1*	K5	1	..	38807i
80	2966	47.8	+48 35	8.6	*9.1*	F8	2	..	37392i
81	3779	47.8	+30 53	6.94	*7.08*	A5	6	o,3	37885i
82	3914	47.8	+24 44	5.67	*6.09*	F5	7	R	38493i
83		47.8	+24 44			A2			
84	4187	47.8	+19 36	7.9	*8.9*	Ko	2	..	37235i
85	4248	47.8	+ 8 59	10.1	*10.1*	Ao	2	..	21771b
86	..	47.8	− 6 15	..	..	Ao	3	..	40604b
87	5090	47.8	− 7 21	9.5	*9.6*	A2	4	..	40604b
88	5569	47.8	−12 3	9.1	*10.1*	Ko	3	..	16854b
89	5752	47.8	−20 37	9.2	10.0	Go	4	..	40624b
90	14412	47.8	−25 52	10.3	9.9	F5	2	..	40624b
91	14363	47.8	−27 45	9.3	9.0	G5	3	..	40635b
92	13999	47.8	−34 45	8.6	9.2	F8	4	..	40902b
93	13413	47.8	−37 35	8.9	9.5	G5	3	..	20510b
94	13671	47.8	−43 21	10.3	11.0	Go	1	..	39673b
95	11577	47.8	−52 18	8.1	9.6	K2	4	..	19920b
96	9538	47.8	−57 41	9.1	10.0	K2	2	..	39686b
97	4552	47.8	−63 44	*8.4*	9.6	K5	4	..	40422b
98	1377	47.8	−76 54	*8.5*	8.5	Ao	6	..	42793b
99	*840*	47.9	+75 7	9.6	*10.2*	G	1	..	6443m
100	3953	47.9	+21 47	8.4	*8.5*	A2	2	..	37235i

188000

19h 47m.9

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4276	47.9	+18 25	6.29	..	Oe	6	5,R	37238i
2	4042	47.9	+16 23	7.7	*8.8*	K2	1	..	37235i
3	4024	47.9	+11 59	9.1	*9.1*	Ao	3	..	21771b
4	4249	47.9	+ 8 53	9.1	*10.1*	Ko	4	..	21771b
5	*4270*	47.9	+ 8 5	9.5	*9.5*	Ao	5	..	21771b
6	4018	47.9	+ 2 35	9.8	*10.4*	Go	2	..	17057b
7	5096	47.9	− 5 47	7.38	*7.94*	Go	8	..	40604b
8	13761	47.9	−36 50	8.6	8.7	A5	5	..	40902b
9	13415	47.9	−37 30	8.6	9.2	F8	5	..	20510b
10	14545	47.9	−42 47	9.7	11.3	K5	1	..	45073b
11	13147	47.9	−47 3	7.85	8.9	Ko	8	..	39668b
12	1378	47.9	−76 30	*7.6*	8.7	K2	6	..	42793b
13	911	48.0	+72 13	7.43	*8.43*	Ko	3	..	37224i
14	*3123*	48.0	+50 6	7.97	*8.31*	F2	4	..	37392i
15	3539	48.0	+27 51	8.6	*9.4*	G5	2	..	38794i
16	4128	48.0	+17 12	7.7	*7.8*	A3	4	..	37235i
17	4076	48.0	+14 41	8.7	*8.7*	Ao	2	E	38900i
18	4025	48.0	+11 55	8.5	*8.5*	Ao	2	..	38506i
19	4026	48.0	+11 47	9.5	*10.1*	Go	3	..	21771b
20	4079	48.0	+10 52	9.0	*10.1*	K2	4	..	21771b
21	4323	48.0	+ 5 20	9.8	*10.9*	K2	1	..	17057b
22	*3864*	48.0	+ 0 4	8.38	*9.56*	K5	3	..	17057b
23	5294	48.0	− 6 15	8.5	*9.0*	F8	5	..	40604b
24	5091	48.0	− 7 4	8.7	*9.7*	Ko	4	..	40604b
25	5092	48.0	− 7 41	8.1	*8.2*	A3	7	..	40604b
26	5210	48.0	−10 22	8.8	*9.2*	F5	5	..	40604b
27	5581	48.0	−14 26	8.5	*8.9*	F5	6	..	16854b
28	*14366*	48.0	−26 57	7.66	8.4	G5	6	..	40635b
29	13418	48.0	−37 10	10.3	9.9	Fo	3	..	20510b
30	13417	48.0	−37 50	9.5	10.2	F5	1	..	20510b
31	14547	48.0	−42 53	10.3	10.4	F8	2	..	45073b
32	13331	48.0	−48 32	7.7	7.6	Fo	6	..	19920b
33	6430	48.0	−61 11	8.8	9.9	Ko	4	..	40422b
34	4553	48.0	−63 24	*9.8*	10.4	Go	2	..	40422b
35	3814	48.1	+31 27	7.75	*7.75*	Ao	3	..	37885i
36	3813	48.1	+31 21	7.60	*7.60*	Ao	5	..	37885i
37	3840	48.1	+22 12	8.0	*8.0*	A	2	R	37235i
38	3968	48.1	+15 41	8.4	*8.4*	Ao	3	E	38900i
39	4298	48.1	+ 9 19	10.5	*11.0*	F8	1	..	21771b
40	4325	48.1	+ 5 23	8.5	*9.6*	K2	3	0,3	17057b
41	4742	48.1	− 3 22	5.64	*5.92*	Fop	9	R	38023i
42		48.1	− 3 22			A			
43	4960	48.1	− 4 50	8.72	*9.90*	K5	2	..	40604b
44	5295	48.1	− 6 16	9.2	*9.8*	Go	3	..	40604b
45	5278	48.1	− 9 0	9.1	*9.1*	Ao	6	..	40604b
46	*5785*	48.1	−16 54	8.5	*9.5*	Ko	3	..	40578b
47	5269	48.1	−22 44	9.2	9.1	A3	5	..	40624b
48	14419	48.1	−25 32	9.4	10.5	K2	1	..	40624b
49	13512	48.1	−39 39	8.9	8.9	G5	5	..	20510b
50	13148	48.1	−47 3	10.6	10.9	A3	2	..	39668b
51	13334	48.1	−48 8	11.6	11.6	Go	1	..	39668b
52	3464	48.1	−66 40	*10.3*	10.9	Go	2	..	20541b
53	1759	48.2	+62 57	6.83	*7.83*	Ko	7	..	37333i
54	2274	48.2	+55 13	7.91	*8.98*	K2	1	..	37971i
55	2308	48.2	+53 39	7.8	*7.9*	A2	4	..	37392i
56	2547	48.2	+52 45	5.17	*6.24*	K2	7	2,7 R	38807i
57	3125	48.2	+49 27	7.35	*8.13*	G5	4	..	37392i
58	*3543*	48.2	+28 0	7.00	*8.07*	K2	2	..	38493i
59	3699	48.2	+26 28	9.2	*9.2*	Ao	2	..	38794i
60	4004	48.2	+25 36	7.41	*7.41*	Ao	2	..	38493i
61	4282	48.2	+18 53	8.4	*9.4*	K	1	..	37235i
62	4283	48.2	+18 29	7.9	*7.9*	B8	5	..	37235i
63	4250	48.2	+ 8 35	9.5	*10.7*	K5	1	..	21771b
64	3866	48.2	− 0 44	9.1	*10.3*	K5	1	..	22023b
65	5139	48.2	− 2 51	9.5	*9.6*	A2	3	..	20397b
66	5279	48.2	− 9 14	9.7	*10.7*	Ko	1	..	40604b
67	5168	48.2	−11 11	9.2	*9.6*	F5	3	..	40604b
68	15666	48.2	−24 46	8.2	9.9	K2	4	..	40624b
69	15568	48.2	−32 26	9.0	10.5	Ko	1	..	40902b
70	13676	48.2	−43 14	9.9	11.0	Ko	1	..	39673b
71	13291	48.2	−46 23	8.1	9.5	Ko	6	..	39668b
72	13149	48.2	−47 8	10.1	11.0	Ko	1	..	39668b
73	*11580*	48.2	−51 59	9.2	10.2	A2	3	..	19920b
74	2937	48.3	+47 9	6.24	*6.52*	Fo	7	..	37349i
75	3649	48.3	+37 8	8.1	*8.2*	A5	4	..	37947i
76	3970	48.3	+15 59	7.8	*8.8*	Ko	2	..	37235i
77	4027	48.3	+11 10	9.0	*9.0*	Ao	5	..	21771b
78	*4081*	48.3	+11 3	9.5	*9.5*	Ao	4	..	21771b
79	4301	48.3	+ 9 13	10.1	*10.1*	Ao	1	..	21771b
80	4262	48.3	+ 4 47	9.5	*10.5*	Ko	3	..	17057b
81	4180	48.3	+ 3 46	10.1	*10.1*	Ao	3	..	17057b
82	5141	48.3	− 2 8	9.2	*9.7*	F8	4	..	20397b
83	*4744*	48.3	− 2 58	8.9	*9.9*	Ko	3	..	20397b
84	5211	48.3	−10 32	10.4	*11.6*	K5	1	..	40604b
85	5505	48.3	−13 3	8.7	*8.8*	A2	6	..	16854b
86	5524	48.3	−18 22	9.2	*10.0*	G5	2	..	40578b
87	5564	48.3	−21 37	9.5	10.0	Go	2	..	40624b
88	15668	48.3	−24 11	6.28	7.6	Ko	10	..	40624b
89	14613	48.3	−26 50	8.4	9.4	G5	3	..	40635b
90	14368	48.3	−27 37	9.3	9.3	Fo	2	..	40635b
91	14557	48.3	−33 32	9.3	10.7	Ko	2	..	40902b
92	13677	48.3	−43 33	9.5	9.8	A5	5	..	39673b
93	13612	48.3	−44 16	8.4	8.9	F5	7	..	39673b
94	13151	48.3	−47 19	10.3	11.0	Go	2	..	39668b
95	9250	48.3	−55 24	8.4	8.8	F2	6	..	39686b
96	6431	48.3	−61 53	8.1	9.6	G5	6	..	40422b
97	3072	48.3	−69 25	5.82	5.9	A3	..	..	56,145
98	*880*	48.4	+74 6	9.1	*9.6*	F8	3	..	6443m
99	1760	48.4	+62 18	8.3	*9.7*	Ma	..	..	M
100	3389	48.4	+43 52	8.7	*9.5*	G5	2	..	37349i

188100 — 19h 48m.4

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	*3912*	48.4	+41 6	7.7	*7.7*	B9	3	..	37947i
2	4284	48.4	+18 33	8.6	*9.6*	K	1	..	37235i
3	4129	48.4	+17 34	7.9	*7.9*	Ao	6	..	37235i
4	4276	48.4	+ 7 55	8.9	*8.9*	Ao	5	..	21771b
5	4275	48.4	+ 7 48	7.9	*8.9*	Ko	2	..	38506i
6	4265	48.4	+ 4 13	10.1	*10.2*	A3	3	..	17057b
7	4264	48.4	+ 4 9	6.30	*6.30*	Ao	7	..	37965i
8	5582	48.4	−14 6	9.1	*10.1*	Ko	3	..	16854b
9	5787	48.4	−17 40	8.9	*9.2*	F2	4	..	40578b
10	5639	48.4	−19 35	9.2	10.3	G5	2	..	40624b
11	5640	48.4	−19 45	9.7	10.6	K2	2	..	40624b
12	16258	48.4	−28 35	9.1	9.4	A3	2	..	40635b
13	13771	48.4	−36 28	7.05	7.1	A2	9	..	40902b
14	14549	48.4	−42 8	4.21	5.4	Ko	..	R	**28**,214
15	13614	48.4	−44 0	9.5	10.9	Ma	..	..	M
16	13508	48.4	−45 50	9.7	10.9	F8	3	..	39668b
17	13153	48.4	−47 51	9.2	9.9	F8	5	..	39668b
18	9543	48.4	−57 44	*10.0*	10.6	Go	1	..	39686b
19	*1070*	48.5	+70 1	3.99	*4.99*	Ko	..	R	3079c
20	1406	48.5	+65 42	8.7	*9.2*	F8	4	..	37333i
21	3511	48.5	+28 17	8.6	*9.2*	Go	1	..	38794i
22	4302	48.5	+ 9 41	10.5	*11.0*	F8	4	..	21771b
23	4253	48.5	+ 8 27	9.8	*10.1*	Fo	5	..	21771b
24	4252	48.5	+ 8 9	9.3	*10.4*	K2	3	..	21771b
25	*4278*	48.5	+ 8 6	9.1	*9.4*	Fo	2	..	21771b
26	4340	48.5	+ 6 16	8.3	*8.4*	A2	6	..	21771b
27	3852	48.5	− 1 37	10.5	*11.7*	K5	1	..	22023b
28	3851	48.5	− 1 43	10.5	*10.9*	F5	1	..	22023b
29	4962	48.5	− 4 0	9.2	*10.3*	K2	1	..	20397b
30	5297	48.5	− 6 3	9.5	*9.9*	F5	2	..	40604b
31	*5506*	48.5	−12 57	8.7	*8.8*	A3	5	..	16854b
32	14421	48.5	−25 48	10.5	10.5	Ko	1	..	40624b
33	15569	48.5	−32 47	9.3	10.2	A2	3	..	40902b
34	12289	48.5	−51 44	9.5	10.2	A2	3	..	19920b
35	9724	48.5	−53 24	*9.6*	10.6	Ko	1	..	19920b
36	1049	48.5	−79 6	*7.8*	8.3	F8	7	R	42793b
37		48.5	−79 6			A3			
38	3844	48.6	+35 54	8.4	*9.2*	G5	2	E	37891i
39	4030	48.6	+11 34	8.4	*8.4*	Ao	2	..	38506i
40	4022	48.6	+ 2 31	9.5	*10.5*	Ko	1	..	17057b
41	4129	48.6	+ 1 12	9.04	*10.04*	Ko	2	..	17057b
42	5094	48.6	− 7 1	9.2	*9.8*	Go	4	..	40604b
43	5214	48.6	−10 17	10.5	*10.6*	A2	1	..	40604b
44	13154	48.6	−47 15	11.0	10.7	F8	3	..	39668b
45	*2739*	48.6	−69 59	*9.1*	9.9	G5	3	..	20541b
46	2738	48.6	−70 32	*8.2*	9.2	Ko	4	..	20541b
47	1855	48.6	−74 38	*9.4*	9.4	Ao	2	..	42475b
48	3915	48.7	+40 49	8.2	*8.2*	Ao	2	..	37349i
49	3744	48.7	+36 11	6.33	*7.33*	Ko	5	..	37891i
50	*4122*	48.7	+13 0	8.0	*9.1*	K2	3	0,2-	27918i
51	*4084*	48.7	+11 1	9.8	*11.0*	K5	1	..	21771b
52	4327	48.7	+ 5 29	8.9	*9.9*	Ko	2	..	21771b
53	4130	48.7	+ 1 50	9.1	*9.1*	Ao	4	..	17057b
54	5150	48.7	− 8 51	6.02	*7.20*	K5	4	0,10	44046b
55	5642	48.7	−19 11	7.9	*9.1*	K5	3	..	40578b
56	5643	48.7	−19 43	9.53	9.7	Ao	4	..	40624b
57	5271	48.7	−22 0	9.5	9.7	A3	3	..	40624b
58	14560	48.7	−33 18	6.40	7.3	Ko	9	..	40902b
59	13550	48.7	−40 51	8.9	10.4	Ko	3	..	39673b
60	12730	48.7	−50 12	9.3	9.7	G5	3	..	19920b
61	7683	48.7	−58 11	6.40	8.1	K5	8	..	39686b
62	7550	48.7	−59 10	5.35	*5.35*	Ao	..	..	**28**,214
63	3692	48.7	−67 34	*8.6*	8.7	A5	7	..	20541b
64	3073	48.7	−69 1	6.48	7.2	A2	..	..	**56**,145
65	2740	48.7	−70 21	*8.9*	9.2	Fo	5	..	20541b
66	2026	48.8	+60 57	6.69	*7.11*	F5	8	..	37970i
67	2076	48.8	+57 31	8.1	*8.2*	A2	3	..	37970i
68	2904	48.8	+50 32	7.92	*8.92*	Ko	3	..	36119b
69	2902	48.8	+50 24	8.02	*8.52*	F8	5	..	37392i
70	3513	48.8	+28 44	7.17	*7.17*	Ao	4	..	38493i
71	*3544*	48.8	+28 5	8.6	*8.9*	F2	2	..	38794i
72	*3704*	48.8	+27 0	8.0	*8.5*	F8	3	..	38794i
73	*4281*	48.8	+ 8 2	8.7	*8.7*	Ao	2	..	38506i
74	4342	48.8	+ 6 20	9.8	*9.8*	Ao	3	..	21771b
75	4024	48.8	+ 2 36	9.3	*9.6*	F2	2	..	17057b
76	4131	48.8	+ 1 7	9.8	*10.4*	Go	1	..	17057b
77	5215	48.8	−10 53	9.7	*9.7*	Ao	2	..	40604b
78	R	48.8	−22 52	10.3	10.0	Go	2	..	40624b
79	15844	48.8	−23 48	10.8	11.2	G5	1	..	40624b
80	16623	48.8	−29 52	9.4	9.6	F2	2	..	40902b
81	14013	48.8	−34 56	8.7	9.9	F2	2	..	40902b
82	13514	48.8	−39 36	9.3	11.3	F8	1	..	20510b
83	*9729*	48.8	−52 58	*9.5*	9.5	Ao	2	..	19920b
84	3834	48.8	−65 28	*8.6*	8.9	F2	7	..	40422b
85	2027	48.9	+60 39	8.7	*8.8*	A2	2	..	37970i
86	3274	48.9	+44 56	10.3	*11.1*	G5	1	..	5816m
87	3783	48.9	+29 56	8.4	*8.5*	A2	3	..	38794i
88	4319	48.9	+20 54	8.7	*8.6*	B5	3	..	37235i
89	4035	48.9	+11 21	8.3	*9.3*	Ko	1	..	38506i
90	4034	48.9	+11 13	8.3	*9.3*	Ko	1	..	38506i
91	4282	48.9	+ 7 45	8.9	*9.2*	Fo	7	..	21771b
92	4268	48.9	+ 4 26	9.1	*10.2*	K2	2	..	17057b
93	4025	48.9	+ 2 58	9.1	*10.2*	K2	1	..	17057b
94	4343	48.9	+ 0 56	8.5	*8.6*	A5	5	..	17057b
95	*5216*	48.9	− 9 54	10.1	*11.2*	K2	1	..	40604b
96	5574	48.9	−12 37	7.9	*8.0*	A5	7	..	16854b
97	5756	48.9	−20 21	9.2	10.6	G5	1	..	40624b
98	15676	48.9	−24 48	9.3	9.9	G5	3	..	40624b
99	14376	48.9	−27 22	8.8	9.6	Ko	2	..	40635b
100	16262	48.9	−28 42	9.6	9.4	Go	1	..	40635b

188200 — 19h 48m.9

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	16625	48.9	−29 40	9.1	11.1	K5	1	..	40902b
2	13428	48.9	−37 34	8.9	9.9	Ko	3	..	20510b
3	13157	48.9	−47 39	9.7	10.1	Ao	5	..	39668b
4	12910	48.9	−49 38	10.1	11.1	F8	1	..	39668b
5	2505	48.9	−71 26	*8.4*	9.0	Go	4	..	42475b
6	693	48.9	−83 4	*7.8*	8.3	F8	7	..	21397b
7	2028	49.0	+60 9	8.76	*8.82*	A2	1	..	37970i
8	2905	49.0	+50 16	8.32	*9.50*	K5	1	..	37392i
9	2793	49.0	+46 47	5.51	*5.27*	Bo	10	o,10	37392i
10	3633	49.0	+33 56	7.7	*7.7*	Ao	3	..	37947i
11	*4195*	49.0	+20 5	7.20	*7.20*	Ao	7	..	37235i
12	*4196*	49.0	+20 5	7.50	*7.50*	Ao	6	..	37235i
13	4124	49.0	+12 29	8.5	*8.9*	F5	2	..	21771b
14	4258	49.0	+ 8 11	8.5	*9.6*	K2	4	..	21771b
15	4283	49.0	+ 7 58	9.3	*9.3*	B9	5	..	21771b
16	4328	49.0	+ 5 38	7.7	*8.9*	K5	5	..	21771b
17	5099	49.0	− 5 18	8.74	*9.24*	F8	6	..	40604b
18	5100	49.0	− 5 28	9.2	*10.0*	G5	2	..	40604b
19	5583	49.0	−14 6	9.7	*10.7*	Ko	1	..	16854b
20	5454	49.0	−16 10	7.9	*7.9*	Ao	7	..	40578b
21	5569	49.0	−21 27	10.1	10.0	A5	1	..	40624b
22	15849	49.0	−23 54	10.8	10.9	F8	2	..	40624b
23	15677	49.0	−24 7	10.1	9.9	F8	3	..	40624b
24	14625	49.0	−26 4	9.3	9.9	A2	4	..	40624b
25	14623	49.0	−26 15	9.6	9.9	A5	3	..	40624b
26	*4554*	49.0	−62 56	*9.8*	10.4	Go	3	..	40422b
27	2741	49.0	−70 48	*8.2*	9.2	Ko	4	..	42475b
28	2086	49.0	−73 10	4.10	*4.10*	Ao	..	R	**28**,214
29	1859	49.0	−74 17	6.54	8.0	Ko	7	..	42475b
30	1050	49.0	−79 3	*8.2*	8.2	Ao	8	..	42793b
31	631	49.1	+80 14	8.43	*8.49*	A2	3	..	37294i
32	*912*	49.1	+73 4	8.7	*9.8*	K2	2	..	6443m
33	3514	49.1	+28 21	8.4	*8.7*	F2	2	..	38794i
34	3706	49.1	+26 20	8.6	*8.6*	Ao	1	..	38493i
35	*3962*	49.1	+22 4	8.2	*8.2*	B9	4	..	37235i
36	*4188*	49.1	+14 4	7.9	*9.1*	K5	2	..	38900i
37	4259	49.1	+ 8 47	8.6	*9.6*	Ko	1	..	38506i
38	4343	49.1	+ 6 35	9.3	*9.3*	Ao	4	..	21771b
39	*4330*	49.1	+ 6 3	8.5	*8.5*	Ao	9	..	21771b
40	5152	49.1	− 8 48	9.5	*10.7*	K5	1	..	40604b
41	5217	49.1	−10 22	8.3	*8.7*	F5	7	..	40604b
42	14430	49.1	−25 47	10.3	10.5	G5	1	..	40624b
43	13762	49.1	−41 37	9.3	10.1	Fo	4	..	39673b
44	14558	49.1	−42 48	9.9	10.7	Fo	1	..	39673b
45	13685	49.1	−43 56	9.0	9.9	Ko	4	..	39673b
46	13624	49.1	−44 16	7.42	7.5	Ao	9	..	39668b
47	13343	49.1	−48 0	8.7	9.3	F5	6	..	39668b
48	*12913*	49.1	−48 57	9.3	10.5	Ko	4	..	39668b
49	9548	49.1	−57 20	9.2	10.3	G5	4	..	39686b
50	504	49.1	−85 32	*9.4*	9.5	A2	2	..	14161b
51	*841*	49.2	+75 3	9.57	*9.91*	F2	2	..	6443m
52	2939	49.2	+47 41	5.70	*5.51*	B2	9	2,10	37349i
53	2794	49.2	+46 23	9.8	*10.8*	Ko	1	..	5816m
54	2994	49.2	+45 29	9.3	*10.3*	Ko	2	..	5816m
55	3275	49.2	+44 25	9.8	*11.0*	K5	1	..	5816m
56	3796	49.2	+38 34	8.2	*9.0*	G5	2	..	37891i
57	3515	49.2	+28 15	8.4	*8.5*	A3	1	..	38493i
58	3546	49.2	+27 50	7.7	*8.8*	K2	2	..	38493i
59	3708	49.2	+26 15	7.7	*8.7*	Ko	2	..	38794i
60	3820	49.2	+23 50	4.50	*4.50*	Ao	..	o,R	**56**,98
61	*4321*	49.2	+21 2	8.2	*8.2*	Ao	2	..	37235i
62	4053	49.2	+16 31	7.61	*8.17*	Go	3	R	37238i
63		49.2	+16 31			A2			
64	4189	49.2	+13 43	8.7	*9.5*	G5	1	..	38900i
65	4331	49.2	+ 5 10	8.91	*8.91*	Ao	7	..	21771b
66	4270	49.2	+ 4 49	8.7	*9.7*	Ko	5	..	17057b
67	*4185*	49.2	+ 4 4	9.0	*10.1*	K2	3	..	17057b
68	4134	49.2	+ 1 41	8.5	*9.5*	Ko	4	..	17057b
69	*3853*	49.2	− 0 57	10.1	*11.3*	K5	1	..	22023b
70	5102	49.2	− 5 47	9.9	*10.7*	G5	2	..	40604b
71	5301	49.2	− 6 2	10.1	*10.2*	A2	2	..	40604b
72	5300	49.2	− 6 38	8.7	*9.7*	Ko	5	..	40604b
73	5577	49.2	−12 39	9.2	*10.2*	Ko	1	..	16854b
74	5791	49.2	−17 19	8.8	*8.8*	Ao	5	..	40578b
75	5647	49.2	−19 1	8.7	*9.7*	Ko	2	..	40578b
76	15679	49.2	−24 10	8.4	9.3	K2	5	..	40624b
77	13556	49.2	−40 39	9.3	10.1	F5	5	..	39673b
78	12736	49.2	−50 1	8.66	9.6	Ko	3	..	19920b
79	12294	49.2	−51 45	10.1	10.2	A5	2	..	19920b
80	9732	49.2	−53 35	*9.3*	10.3	Ko	1	..	19920b
81	645	49.3	+79 17	7.58	*7.58*	Ao	4	..	37224i
82	2795	49.3	+46 34	9.0	*9.6*	Go	5	..	5816m
83	3922	49.3	+40 29	8.5	*8.5*	A	2	..	37349i
84	3798	49.3	+38 25	8.0	*9.2*	K5	1	..	37947i
85	3846	49.3	+22 43	8.0	*8.0*	B8	6	..	37235i
86	4088	49.3	+10 38	10.1	*10.2*	A2	3	..	21771b
87	*4260*	49.3	+ 9 6	10.1	*10.5*	F5	2	..	21771b
88	4346	49.3	+ 6 59	9.3	*10.3*	Ko	3	..	21771b
89	*4333*	49.3	+ 6 0	8.4	*9.5*	K2	4	..	21771b
90	4186	49.3	+ 3 42	9.0	*9.0*	B9	5	..	17057b
91	4187	49.3	+ 3 38	8.9	*8.9*	B8	5	..	17057b
92	4184	49.3	+ 3 9	8.9	*9.7*	G5	2	..	17057b
93	5154	49.3	− 8 29	5.78	*5.61*	B3	..	R	**56**,98
94	5155	49.3	− 8 29	6.53	*6.29*	B			
95	5512	49.3	−13 49	8.6	*8.7*	A3	7	..	16854b
96	5759	49.3	−20 36	8.5	9.7	A2	7	..	40624b
97	15680	49.3	−24 14	10.3	9.6	Ao	3	..	40624b
98	16636	49.3	−29 21	8.1	8.5	Go	6	..	40902b
99	17164	49.3	−31 21	8.6	9.4	Go	4	..	40902b
100	*14560*	49.3	−41 57	9.5	9.2	A2	6	..	39673b

188300 — 19h 49m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13160	49.3	−47 15	9.5	9.8	F5	5	..	39668b
2	12915	49.3	−49 6	10.1	11.4	G5	1	..	39668b
3	7552	49.3	−59 47	7.84	9.0	Ko	6	..	40422b
4	1281	49.3	−78 32	7.8	8.8	Ko	6	..	42793b
5	878	49.3	−81 34	9.2	9.2	A	4	..	21397b
6	3393	49.4	+43 44	8.2	8.2	B9	3	0,8	37349i
7	3926	49.4	+40 49	7.8	8.3	F8	3	..	37349i
8	3964	49.4	+21 52	8.6	8.6	Ao	2	..	37235i
9	4129	49.4	+13 1	8.6	8.7	A2	2	2,3	38900i
10	4261	49.4	+ 8 12	4.86	5.86	Ko	..	0,9 R	56,98
11	4135	49.4	+ 1 41	8.7	9.7	Ko	3	..	17057b
12	5283	49.4	− 9 11	9.7	10.8	K2	1	..	40604b
13	5221	49.4	−10 43	10.6	10.6	Ao	1	..	40604b
14	17167	49.4	−31 54	9.0	9.9	F2	2	..	40902b
15	13758	49.4	−38 30	8.6	9.2	F2	5	..	20510b
16	13625	49.4	−44 1	9.9	10.1	Ko	2	..	39673b
17	12916	49.4	−49 53	8.78	9.6	G5	3	..	19920b
18	9538	49.4	−54 30	8.2	8.5	Fo	5	..	39686b
19	9257	49.4	−55 52	10.6	10.6	Ao	1	..	39686b
20	9340	49.4	−56 1	9.0	10.0	Ko	1	..	39686b
21	7348	49.4	−60 51	8.0	9.6	Ma	4	..	40422b
22	1561	49.4	−75 2	7.60	9.1	K2	3	..	42475b
23	27101	49.5	+51 45	7.9	8.0	A2	4	..	37392i
24	..	49.5	+45 51	..	..	G5	1	..	5816m
25	3277	49.5	+44 21	8.5	8.9	F5	6	..	5816m
26	3801	49.5	+38 30	8.0	8.8	G5	3	..	37891i
27	4138	49.5	+17 59	8.6	8.6	A	2	..	37235i
28	4083	49.5	+15 2	7.04	7.54	F8	5	..	37235i
29	4309	49.5	+ 9 53	9.8	9.8	Ao	5	..	21771b
30	4262	49.5	+ 8 55	8.3	9.4	K2	6	..	21771b
31	4285	49.5	+ 7 39	8.3	8.6	Fo	8	..	21771b
32	3854	49.5	− 1 1	8.6	9.1	F8	4	..	20397b
33	5303	49.5	− 6 16	10.5	10.9	F5	2	..	40604b
34	5098	49.5	− 7 9	9.2	10.2	Ko	3	..	40604b
35	5099	49.5	− 7 19	8.1	8.1	Ao	8	..	40604b
36	5585	49.5	−14 3	8.6	8.7	A2	8	..	16854b
37	5586	49.5	−14 32	8.9	9.5	Go	4	..	16854b
38	13778	49.5	−36 55	8.3	10.2	K5	1	..	20510b
39	13759	49.5	−38 35	6.64	7.6	K5	8	..	20510b
40	3465	49.5	−66 52	9.5	10.1	Go	3	..	20541b
41	1250	49.6	+67 2	8.1	8.5	F5	5	..	37333i
42	2703	49.6	+52 2	7.16	7.16	Ao	6	..	37392i
43	2995	49.6	+45 26	9.5	10.5	Ko	3	..	5816m
44	3638	49.6	+33 41	7.7	9.1	Ma	1	..	37890i
45	4199	49.6	+19 44	8.5	9.3	G5	2	..	37235i
46	4139	49.6	+17 41	8.5	8.5	B9	4	..	37235i
47	4193	49.6	+13 29	8.6	9.4	G5	1	..	38900i
48	4089	49.6	+10 50	10.5	10.5	Ao	3	..	21771b
49	4029	49.6	+ 2 53	8.6	9.0	F5	4	..	17057b
50	3871	49.6	+ 0 1	5.57	5.57	Ao	..	0,9	1446c
51	5100	49.6	− 7 43	9.1	9.9	G5	5	..	40604b
52	5650	49.6	−19 33	6.87	7.0	Fo	8	..	40578b
53	15683	49.6	−23 58	9.6	10.5	Ko	2	..	40624b
54	16642	49.6	−29 28	8.64	8.5	A2	6	..	40902b
55	14562	49.6	−42 25	10.3	11.3	Go	1	..	39673b
56	9552	49.6	−57 0	8.3	9.1	Ko	3	..	39686b
57	4555	49.6	−63 23	7.6	7.6	Ao	9	..	40422b
58	881	49.7	+73 21	9.3	9.9	Go	2	..	6443m
59	2555	49.7	+52 58	8.6	8.6	Ao	2	..	37392i
60	2943	49.7	+47 52	7.7	7.7	Ao	3	..	37392i
61	2996	49.7	+45 16	9.57	10.35	G5	3	..	5816m
62	..	49.7	+44 9	..	..	F5	1	..	5816m
63	3394	49.7	+43 31	8.7	9.5	G5	3	..	5816m
64	3505	49.7	+42 46	8.7	9.0	Fo	3	..	37349i
65	3850	49.7	+35 56	8.2	9.0	G5	2	..	37891i
66	3711	49.7	+26 45	8.0	8.0	Ao	4	E	38016i
67	4056	49.7	+16 25	9.1	9.1	A	2	..	37235i
68	4039	49.7	+11 19	9.5	9.5	B9	3	..	21771b
69	4263	49.7	+ 9 1	9.1	10.2	K2	4	..	21771b
70	4272	49.7	+ 4 55	10.1	10.2	A2	3	..	17057b
71	4030	49.7	+ 2 56	9.5	10.6	K2	1	..	17057b
72	5304	49.7	− 6 41	10.4	11.4	Ko	1	..	40604b
73	5101	49.7	− 7 12	8.9	10.0	K2	3	..	40604b
74	5158	49.7	− 7 58	9.2	10.4	K5	1	..	40604b
75	5574	49.7	−21 46	8.3	9.1	G5	5	..	40624b
76	14637	49.7	−26 34	4.81	5.9	G5	..	5,8 R	28,214
77	14639	49.7	−26 49	7.51	8.1	F5	6	0,5	40712b
78	16646	49.7	−29 27	var.	var.	Md	..	R	M
79	13301	49.7	−46 3	9.2	10.7	Ko	2	..	39668b
80	13163	49.7	−47 41	9.3	9.8	A2	5	..	39668b
81	7553	49.7	−59 13	9.2	10.2	Ko	1	..	39686b
82	3075	49.7	−68 58	10.0	10.8	G5	1	..	20541b
83	3712	49.8	+26 20	6.81	6.81	Ao	6	0,8	39465i
84	4312	49.8	+ 9 30	7.28	8.28	Ko	3	..	38506i
85	4351	49.8	+ 6 53	5.97	5.97	Ao	8	..	38506i
86	4334	49.8	+ 5 27	8.3	9.3	Ko	7	..	21771b
87	3855	49.8	− 0 56	10.1	11.1	Ko	1	..	22023b
88	3856	49.8	− 1 11	9.5	10.7	K5	2	..	22023b
89	5305	49.8	− 6 21	9.7	10.7	Ko	2	..	40604b
90	5160	49.8	− 8 4	7.9	9.0	K2	6	..	40604b
91	13695	49.8	−43 15	9.9	9.9	F5	5	..	39673b
92	13302	49.8	−46 5	9.0	9.3	F8	6	..	39668b
93	13303	49.8	−46 51	9.1	9.5	A2	6	..	39668b
94	12919	49.8	−49 12	10.1	11.1	Go	1	..	39668b
95	9736	49.8	−53 31	9.9	10.9	Ko	1	..	19920b
96	938	49.8	−80 52	8.1	8.9	G5	5	..	21397b
97	1569	49.9	+63 44	9.8	10.4	G	1	..	38067i
98	2909	49.9	+50 46	8.2	8.6	F5	3	..	37392i
99	3508	49.9	+42 23	8.5	8.5	B9	4	..	37349i
100	3851	49.9	+35 35	8.6	8.6	Ao	2	..	37947i

188400

19h 49m.9

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3850	49.9	+22 20	8.6	*9.6*	Ko	2	..	37235i
2	3966	49.9	+21 22	9.5	*10.9*	Mb	..	..	M
3	4031	49.9	+ 2 11	7.9	*7.9*	B8	7	..	17057b
4	5306	49.9	− 6 46	10.1	*10.1*	B9	2	..	40604b
5	5102	49.9	− 7 0	6.45	*6.79*	F2	6	..	44046b
6	5518	49.9	−13 50	9.2	*9.5*	F2	4	..	16854b
7	5795	49.9	−17 49	8.7	*9.0*	Fo	3	..	40578b
8	13165	49.9	−47 0	9.1	10.1	Ko	3	..	39668b
9	12741	49.9	−50 37	9.7	10.5	K2	1	..	19920b
10	12740	49.9	−50 44	9.2	10.5	K5	1	..	19920b
11	6121	49.9	−62 31	*9.7*	10.8	K2	1	..	40422b
12	4556	49.9	−63 21	*10.3*	11.4	K2	1	..	40422b
13	4015	49.9	−64 4	*8.1*	8.4	F2	8	..	40422b
14	1380	49.9	−76 35	*9.5*	9.9	F5	2	..	42793b
15	1570	50.0	+63 19	8.7	*8.7*	Ao	4	..	37333i
16	3279	50.0	+44 13	9.8	*9.8*	Ao	2	..	5816m
17	3395	50.0	+43 19	9.8	*9.8*	Ao	2	..	5816m
18	3778	50.0	+34 19	6.82	*6.82*	Ao	6	..	37891i
19	3521	50.0	+28 8	8.8	*9.1*	Fo	2	..	38794i
20	4133	50.0	+12 29	8.9	*9.3*	F5	2	E	21771b
21	4040	50.0	+11 26	9.3	*10.5*	K5	2	..	21771b
22	4313	50.0	+ 9 52	9.3	*10.1*	G5	1	..	21771b
23	*4288*	50.0	+ 8 6	9.8	*9.9*	A2	2	..	21771b
24	4289	50.0	+ 7 55	8.7	*9.7*	Ko	4	..	21771b
25	4290	50.0	+ 7 12	9.8	*9.9*	A3	3	..	21771b
26	4190	50.0	+ 3 52	9.3	*10.1*	G5	1	..	17057b
27	4191	50.0	+ 3 49	9.5	*10.6*	K2	3	..	17057b
28	*3857*	50.0	− 0 56	10.5	*10.6*	A3	2	..	22023b
29	3858	50.0	− 1 6	8.5	*9.1*	Go	5	..	20397b
30	5503	50.0	−15 9	9.9	*10.0*	A3	2	..	40578b
31	5279	50.0	−22 14	9.5	11.2	Ko	1	..	40624b
32	17176	50.0	−31 52	7.5	8.1	Go	6	..	40902b
33	13797	50.0	−35 46	8.9	8.9	Ao	4	..	40902b
34	13437	50.0	−37 9	10.6	10.1	G5	1	..	20510b
35	13166	50.0	−47 2	9.0	9.8	F8	6	..	39668b
36	13352	50.0	−48 17	9.5	11.1	Ko	2	..	39668b
37	12300	50.0	−51 43	8.9	9.9	K2	4	..	19920b
38	9540	50.0	−54 27	*9.5*	10.6	K2	1	..	19920b
39	2945	50.1	+47 34	6.15	*5.96*	B2	8	1,8	37349i
40	4090	50.1	+10 48	9.5	*9.5*	Ao	4	..	21771b
41	4354	50.1	+ 6 22	9.0	*10.0*	Ko	4	..	21771b
42	4192	50.1	+ 3 45	8.7	*9.5*	G5	5	..	17057b
43	4138	50.1	+ 1 13	9.8	*9.9*	A5	2	..	17057b
44	3874	50.1	− 0 42	8.5	*8.5*	Ao	5	..	20397b
45	5307	50.1	− 6 30	9.7	*10.3*	Go	2	..	40604b
46	5223	50.1	−10 50	9.1	*9.6*	F8	4	..	40604b
47	5580	50.1	−12 42	9.5	*10.0*	F8	2	..	16854b
48	5519	50.1	−13 20	9.2	*9.5*	Fo	3	..	16854b
49	5653	50.1	−19 8	8.1	8.3	F5	5	..	40578b
50	5765	50.1	−20 45	9.1	9.4	Ao	6	..	40624b
51	14442	50.1	−25 29	10.8	9.9	G5	1	..	40624b
52	17177	50.1	−31 7	8.6	10.2	K5	2	..	40902b
53	13767	50.1	−38 23	10.8	10.7	Fo	2	..	20510b
54	13697	50.1	−43 52	9.5	10.6	G5	3	..	39673b
55	..	50.1	−62 45	..	..	K2	1	..	40422b
56	4016	50.1	−64 8	*9.2*	9.2	Ao	7	..	40422b
57	711	50.2	+75 36	9.07	*9.57*	F8	3	3,1	6443m
58	*882*	50.2	+74 6	8.5	*8.8*	Fo	5	5,3	6443m
59	3280	50.2	+44 10	9.1	*9.1*	B9	5	..	5816m
60	3396	50.2	+43 35	10.3	*10.3*	Ao	2	..	5816m
61	*3931*	50.2	+41 6	6.82	*6.65*	B3	5	..	37349i
62	*4018*	50.2	+26 1	8.7	*8.7*	A	1	..	38794i
63	4143	50.2	+17 11	8.5	*8.6*	A3	2	..	37235i
64	*4059*	50.2	+17 5	8.3	*8.3*	B9	6	..	37235i
65	*4043*	50.2	+12 11	10.1	*11.1*	Ko	3	..	21771b
66	*4265*	50.2	+ 9 4	8.5	*9.9*	Ma	3	..	21771b
67	4355	50.2	+ 6 49	9.5	*9.8*	Fo	3	..	21771b
68	4194	50.2	+ 3 27	9.8	*9.8*	Ao	3	..	17057b
69	*3876*	50.2	+ 0 4	9.08	*10.26*	K5	1	..	17057b
70	5166	50.2	− 8 3	9.2	*10.0*	G5	3	..	40604b
71	5165	50.2	− 8 23	9.1	*10.1*	Ko	3	..	40604b
72	5288	50.2	− 9 0	9.5	*9.8*	Fo	3	..	40604b
73	5289	50.2	− 9 1	8.9	*9.5*	Go	5	..	40604b
74	17179	50.2	−31 36	7.8	9.3	Ko	3	R	40902b
75	14573	50.2	−33 47	8.6	10.7	K2	2	..	40902b
76	13439	50.2	−37 22	7.5	8.4	Ko	6	..	20510b
77	13527	50.2	−39 51	9.2	9.8	A2	5	..	20510b
78	9555	50.2	−57 41	9.0	9.8	Go	2	..	39686b
79	4557	50.2	−63 6	*10.3*	10.4	A5	2	..	40422b
80	1564	50.2	−75 37	*7.9*	8.4	F8	7	..	42793b
81	*2032*	50.3	+61 3	8.0	*8.1*	A2	3	..	37970i
82	3399	50.3	+43 59	8.5	*8.5*	Ao	4	0,8	37349i
83	3398	50.3	+43 52	8.7	*10.1*	Mb	3	..	5816m
84	3642	50.3	+33 31	6.90	*7.90*	Ko	1	5,3	9896i
85	*3829*	50.3	+24 4	5.47	*5.47*	Ao	..	0,7	56,98
86	4315	50.3	+ 9 51	9.5	*10.7*	K5	1	..	21771b
87	*5103*	50.3	− 6 58	9.2	*10.2*	K	3	..	40604b
88	5581	50.3	−12 43	9.5	*9.5*	Ao	4	..	16854b
89	5504	50.3	−15 40	8.1	*8.1*	Ao	6	..	40578b
90	5798	50.3	−17 23	9.9	*9.9*	Ao	2	..	40578b
91	13788	50.3	−36 38	8.6	9.2	Fo	5	..	20510b
92	13305	50.3	−46 49	9.7	9.9	F5	4	..	39668b
93	13168	50.3	−47 16	10.6	11.0	F8	1	..	39668b
94	9738	50.3	−53 9	*9.6*	10.6	Ko	1	..	19920b
95	7555	50.3	−59 9	*9.8*	10.8	Ko	1	..	39686b
96	3693	50.3	−67 51	*9.4*	9.9	F8	2	..	20541b
97	2800	50.4	+46 10	10.3	*11.5*	K5	1	..	5816m
98	*3000*	50.4	+46 3	10.0	*11.1*	K2	1	..	5816m
99	2999	50.4	+45 53	9.6	*9.6*	Ao	4	..	5816m
100	3933	50.4	+40 58	7.9	*8.0*	A2	3	..	37349i

188500

$19^h\,50^m.4$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3809	50.4	+38 51	8.2	*8.2*	B9	4	..	37891i
2	3757	50.4	+36 11	8.6	*9.6*	Ko	1	..	37947i
3	3804	50.4	+30 27	8.46	*8.54*	A3	2	..	38493i
4	3795	50.4	+29 45	8.2	*8.3*	A5	1	..	38493i
5	4019	50.4	+25 58	9.0	*9.0*	Ao	1	..	38794i
6	3922	50.4	+24 19	9.2	*9.6*	F5	2	..	38016i
7	3854	50.4	+22 10	6.85	*8.03*	K5	3	..	37235i
8	4139	50.4	+12 56	8.1	*9.5*	Ma	1	E	21771b
9	4046	50.4	+11 7	9.0	*9.8*	G5	6	..	21771b
10	4091	50.4	+10 28	8.7	*9.5*	G5	7	..	21771b
11	4292	50.4	+ 7 39	9.5	*10.0*	F8	1	..	21771b
12	4357	50.4	+ 6 9	3.90	*4.90*	Ko	..	5,R	481c
13	4195	50.4	+ 3 12	9.5	*10.7*	K5	1	..	17057b
14	4351	50.4	+ 0 20	8.6	*9.1*	F8	4	..	17057b
15	5168	50.4	− 8 6	9.2	*10.2*	Ko	2	..	40604b
16	14395	50.4	−27 53	9.3	8.7	A2	3	..	40635b
17	13442	50.4	−37 44	9.3	9.9	F2	3	..	20510b
18	13570	50.4	−40 51	10.1	10.2	F5	4	..	39673b
19	13170	50.4	−47 34	10.3	10.4	Go	3	..	39668b
20	1052	50.4	−79 42	7.76	7.8	A2	7	..	21397b
21	1084	50.5	+68 21	8.5	*8.6*	A3	3	..	37333i
22	1409	50.5	+65 17	7.85	*8.63*	G5	5	..	37333i
23	2912	50.5	+50 48	8.2	*8.8*	Go	2	..	37392i
24	3282	50.5	+44 20	10.3	*10.3*	A	1	R	5816m
25	*3717*	50.5	+27 4	8.5	*8.5*	Ao	3	E	38016i
26	4090	50.5	+14 43	8.6	*9.6*	Ko	2	..	38900i
27	4048	50.5	+11 42	8.1	*8.1*	B8	5	..	38506i
28	4317	50.5	+ 9 45	10.1	*10.4*	Fo	3	..	21771b
29	4293	50.5	+ 7 50	9.5	*10.6*	K2	1	..	21771b
30	5291	50.5	− 9 32	9.2	*9.3*	A5	4	..	40604b
31	*5226*	50.5	− 9 54	9.31	*10.09*	G5	2	..	40604b
32	5176	50.5	−11 33	9.5	*9.6*	A2	2	..	16854b
33	13769	50.5	−41 16	8.7	9.5	G5	5	..	39673b
34	11587	50.5	−52 10	8.2	*9.3*	F8	6	..	19920b
35	6122	50.5	−62 26	*10.2*	10.8	Go	1	..	40422b
36	1283	50.5	−78 8	*9.1*	9.5	F5	2	..	42793b
37	3001	50.6	+45 12	7.77	*8.77*	Ko	3	0,8	37349i
38	3283	50.6	+44 57	9.17	*9.23*	A2	5	..	5816m
39	*3400*	50.6	+44 3	9.3	*9.3*	Ao	3	..	5816m
40	*3401*	50.6	+44 0	9.3	*9.9*	Go	4	..	5816m
41	3618	50.6	+32 52	7.70	*8.77*	K2	2	..	37890i
42	3924	50.6	+24 37	7.04	*8.04*	Ko	4	..	38016i
43	3985	50.6	+15 11	8.34	*9.41*	K2	1	..	38900i
44	*4092*	50.6	+15 2	8.64	*8.70*	A2	2	..	38900i
45	5177	50.6	−11 17	9.7	*10.0*	F2	1	..	16854b
46	5578	50.6	−21 10	9.9	10.3	Fo	2	..	40624b
47	14449	50.6	−25 34	10.1	10.0	G5	1	..	40624b
48	17490	50.6	−30 50	6.63	7.3	A2	10	..	40902b
49	14579	50.6	−33 52	8.9	10.8	Ko	1	..	40902b
50	14035	50.6	−34 50	8.14	8.9	Ko	4	..	40902b
51	13529	50.6	−39 39	7.70	8.9	Ko	7	..	20510b
52	14571	50.6	−42 1	9.3	11.3	Ko	2	..	39673b
53	14570	50.6	−42 18	9.3	9.8	A2	3	..	39673b
54	13634	50.6	−44 34	10.1	10.4	Go	3	..	39673b
55	13306	50.6	−46 5	8.9	9.0	Fo	7	..	39668b
56	13358	50.6	−48 36	9.9	10.5	F5	3	..	39668b
57	11589	50.6	−52 10	7.7	8.1	Fo	8	..	19920b
58	9740	50.6	−53 33	*9.5*	10.6	K2	1	..	19920b
59	9267	50.6	−55 12	8.44	9.4	Ko	4	..	39686b
60	6436	50.6	−61 5	*10.0*	11.1	K2	1	..	40422b
61	1206	50.7	+67 19	8.6	*8.7*	A3	4	..	37333i
62	2004	50.7	+58 23	8.7	*8.8*	A2	2	..	37970i
63	3003	50.7	+45 56	9.5	*10.1*	Go	3	..	5816m
64	3004	50.7	+45 7	9.37	*10.44*	K2	1	..	5816m
65	..	50.7	+44 27	..	..	A	2	..	5816m
66	*3925*	50.7	+25 4	7.81	*8.88*	K2	2	..	38016i
67	4050	50.7	+11 33	9.5	*10.7*	K5	2	..	21771b
68	4320	50.7	+ 9 52	9.5	*9.6*	A2	3	..	21771b
69	4294	50.7	+ 7 27	8.7	*9.8*	K2	3	..	21771b
70	4281	50.7	+ 4 34	9.1	*10.2*	K2	1	..	17057b
71	3859	50.7	− 1 27	10.5	*10.6*	A2	2	..	20397b
72	5147	50.7	− 2 10	8.9	*8.9*	Ao	7	..	20397b
73	4750	50.7	− 3 13	9.7	*9.7*	Ao	2	..	20397b
74	5169	50.7	− 8 21	9.5	*10.5*	Ko	1	..	40604b
75	5294	50.7	− 9 0	9.2	*10.0*	G5	2	..	40604b
76	5522	50.7	−13 37	8.7	*8.7*	Ao	5	..	16854b
77	5457	50.7	−16 38	8.6	*9.8*	K5	1	..	40578b
78	*15870*	50.7	−22 59	8.8	9.8	Ko	3	..	40624b
79	15872	50.7	−23 20	7.56	7.5	A2	9	..	40624b
80	14036	50.7	−34 37	9.5	9.2	Go	3	..	40902b
81	13359	50.7	−48 24	8.4	9.6	F8	6	..	39668b
82	12305	50.7	−51 34	9.9	10.8	Go	1	..	19920b
83	11590	50.7	−52 41	9.1	10.8	K2	1	..	19920b
84	3695	50.7	−67 13	5.72	7.1	Ko	..	5,R	**28**,214
85	3338	50.7	−68 38	*9.6*	10.4	G5	2	..	20541b
86	*1053*	50.7	−78 59	*8.6*	9.1	F8	5	..	42793b
87	*916*	50.8	+73 2	9.5	*10.6*	K2	1	..	6443m
88	1932	50.8	+61 43	8.3	*8.4*	A2	2	..	37970i
89	2320	50.8	+56 38	8.6	*9.6*	Ko	1	..	38807i
90	2275	50.8	+55 51	8.5	*9.6*	K2	1	..	37971i
91	3810	50.8	+38 13	8.2	*9.0*	G5	2	..	37891i
92	3670	50.8	+37 36	8.7	*9.7*	K	1	..	37891i
93	3644	50.8	+33 19	8.8	*8.9*	A5	3	..	37890i
94	4020	50.8	+25 48	8.1	*8.6*	F8	3	..	38016i
95	4321	50.8	+ 9 56	10.1	*10.4*	Fo	2	..	21771b
96	4360	50.8	+ 6 17	9.1	*9.2*	A5	3	..	21771b
97	3860	50.8	− 1 1	10.5	*11.7*	K5	1	..	22023b
98	5170	50.8	− 8 15	9.2	*10.3*	K2	1	..	40604b
99	5178	50.8	−11 35	9.5	*10.0*	F8	1	..	16854b
100	5768	50.8	−20 44	8.7	9.8	Fo	4	..	40624b

188600 — $19^h\,50^m.8$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5283	50.8	−22 16	9.5	10.3	A3	2	..	40624b
2	5282	50.8	−22 38	9.2	10.0	G5	3	..	40624b
3	14399	50.8	−27 26	4.62	6.8	K2	..	2,7 R	28,214
4	13811	50.8	−35 22	9.9	10.2	G5	1	..	40902b
5	13639	50.8	−44 42	9.5	10.1	F8	4	..	39673b
6	9546	50.8	−54 18	8.3	9.4	Ko	4	..	19920b
7	7557	50.8	−59 52	9.86	10.0	Go	2	..	40422b
8	6123	50.8	−62 16	*10.0*	10.8	G5	2	..	40422b
9	3132	50.9	+49 20	8.2	*9.6*	Mb	1	..	37392i
10	*2948*	50.9	+48 2	7.9	*7.9*	Ao	3	..	37392i
11	3514	50.9	+42 18	9.0	*9.1*	A2	2	..	37349i
12	3799	50.9	+29 53	8.5	*8.5*	Ao	4	..	38794i
13	*4361*	50.9	+ 7 5	10.5	*10.8*	F2	2	..	21771b
14	4344	50.9	+ 5 55	9.0	*10.4*	Mb	..	..	M
15	4282	50.9	+ 4 19	8.9	*9.0*	A2	4	..	17057b
16	4140	50.9	+ 1 47	8.4	*9.5*	K2	3	..	17057b
17	*5458*	50.9	−15 58	7.62	*8.40*	G5	6	..	40578b
18	5536	50.9	−18 11	9.2	*9.1*	B5	3	..	40578b
19	17192	50.9	−31 17	9.3	10.8	G5	1	..	40902b
20	*13361*	50.9	−47 56	10.6	11.9	G5	1	..	39668b
21	9547	50.9	−54 5	8.5	9.4	K2	3	..	19920b
22	9351	50.9	−56 54	*9.4*	10.0	Go	1	..	39686b
23	9560	50.9	−57 42	8.3	9.4	Go	4	..	39686b
24	7558	50.9	−59 4	*9.4*	9.4	Ao	4	..	39686b
25	1207	51.0	+67 59	8.1	*8.9*	G5	2	..	37333i
26	2914	51.0	+50 53	7.9	*9.0*	K2	1	..	37392i
27	..	51.0	+46 54	..	..	K2	1	..	5816m
28	2802	51.0	+46 34	8.8	*9.9*	K2	3	..	5816m
29	3284	51.0	+44 35	8.7	*9.9*	K5	4	0,2	5816m
30	*3515*	51.0	+43 4	10.3	*10.3*	A	1	..	5816m
31	3721	51.0	+26 29	9.0	*9.0*	Ao	1	..	38016i
32	4147	51.0	+17 56	8.3	*9.3*	Ko	2	..	37235i
33	*4324*	51.0	+10 5	9.8	*10.1*	F2	2	..	21771b
34	4362	51.0	+ 6 21	8.9	*10.1*	K5	3	..	21771b
35	4199	51.0	+ 3 18	10.1	*10.5*	F5	2	..	17057b
36	5106	51.0	− 7 7	8.7	*9.2*	F8	5	..	40604b
37	5537	51.0	−18 0	8.7	*9.3*	Go	4	..	40578b
38	5538	51.0	−18 31	9.1	*10.2*	K2	2	..	39412b
39	15699	51.0	−24 35	8.4	8.7	Fo	7	..	40624b
40	17497	51.0	−30 27	7.8	8.7	G5	6	..	40902b
41	13775	51.0	−38 1	7.22	7.4	Go	10	..	20510b
42	13776	51.0	−38 19	6.54	6.4	F5	..	0,10	28,214
43	9550	51.0	−54 1	9.0	9.4	Ao	4	..	19920b
44	7559	51.0	−59 19	*9.1*	9.9	G5	3	..	39686b
45	6437	51.0	−61 18	*9.3*	9.6	Fo	4	..	40422b
46	3079	51.0	−69 24	*9.9*	10.4	F8	1	..	20541b
47	2750	51.0	−70 42	*8.5*	9.5	Ko	5	..	20541b
48	883	51.1	+73 54	9.6	*11.0*	F5	2	..	6443m
49	2979	51.1	+48 59	7.90	*8.90*	Ko	2	..	37392i
50	3766	51.1	+36 44	5.77	*6.55*	G5	7	0,7	37891i
51	3802	51.1	+29 56	6.36	*6.34*	B9	6	..	98961
52	4325	51.1	+ 9 57	6.90	*7.68*	G5	5	..	38506i
53	*4202*	51.1	+ 4 2	9.3	*10.1*	G5	2	..	17057b
54	4035	51.1	+ 2 27	8.7	*8.8*	A2	5	..	17057b
55	5585	51.1	−12 43	9.7	*9.7*	Ao	3	..	16854b
56	5461	51.1	−16 53	8.3	*8.3*	B9	7	..	40578b
57	5770	51.1	−20 51	9.1	10.0	Ko	2	..	40624b
58	14457	51.1	−25 21	8.4	9.0	F8	6	..	40624b
59	14657	51.1	−26 29	8.0	8.1	F5	7	..	40624b
60	16669	51.1	−29 43	9.43	9.3	A2	3	..	40902b
61	13532	51.1	−45 38	9.7	10.4	F5	4	..	39673b
62	9268	51.1	−55 41	8.9	9.4	Fo	4	..	39686b
63	2751	51.1	−70 31	*8.4*	9.5	K2	4	..	20541b
64	2085	51.2	+57 55	7.54	*8.72*	K5	1	..	37970i
65	2084	51.2	+57 16	5.04	*4.92*	B5	..	3,10	56,98
66	3007	51.2	+45 45	8.3	*8.4*	A2	5	0,8	37349i
67	3534	51.2	+41 13	7.31	*8.31*	Ko	3	..	37349i
68	3790	51.2	+34 38	7.17	*8.17*	Ko	3	..	37891i
69	3806	51.2	+30 25	7.06	*8.06*	Ko	4	..	38493i
70	4206	51.2	+19 51	9.1	*9.1*	A	2	..	M
71	4208	51.2	+19 45	8.5	*9.7*	K5	2	..	M
72	4095	51.2	+10 57	9.0	*9.4*	F5	7	..	21771b
73	4346	51.2	+ 5 14	9.8	*10.8*	Ko	1	..	17057b
74	5539	51.2	−18 37	8.7	*9.9*	K5	2	..	39412b
75	5656	51.2	−19 50	9.23	10.4	K2	2	..	40624b
76	14461	51.2	−25 19	8.8	8.7	F5	6	..	40624b
77	13448	51.2	−37 55	7.9	9.0	K2	6	..	20510b
78	13574	51.2	−40 47	10.1	10.4	Fo	4	..	39673b
79	13778	51.2	−41 10	10.1	11.3	Ko	2	..	39673b
80	12927	51.2	−49 10	10.3	11.1	F5	2	..	39668b
81	12754	51.2	−50 50	9.9	10.2	F8	1	..	19920b
82	7350	51.2	−60 27	*10.4*	10.7	Fo	2	..	40422b
83	6124	51.2	−62 22	*10.0*	11.1	K2	1	..	40422b
84	2566	51.3	+52 38	8.5	*8.9*	F5	2	..	37392i
85	3008	51.3	+45 57	10.0	*10.0*	Ao	2	..	5816m
86	3725	51.3	+26 27	8.5	*8.5*	Ao	2	..	38016i
87	4148	51.3	+17 49	8.5	*8.5*	A	3	..	37235i
88	4052	51.3	+11 40	9.3	*10.7*	Ma	2	..	21771b
89	4097	51.3	+10 39	9.3	*9.4*	A3	3	..	21771b
90	4096	51.3	+10 8	9.8	*9.8*	Ao	2	..	21771b
91	4036	51.3	+ 2 28	9.3	*9.6*	F2	3	..	17057b
92	*5114*	51.3	− 4 53	9.15	*9.23*	A3	3	..	20397b
93	5310	51.3	− 6 28	9.7	*9.8*	A2	3	..	40604b
94	5109	51.3	− 7 19	10.4	*10.5*	A3	2	..	40604b
95	5108	51.3	− 7 25	9.2	*10.2*	Ko	3	..	40604b
96	5110	51.3	− 7 53	9.5	*10.3*	G5	1	..	40909b
97	5171	51.3	− 8 10	9.5	*9.5*	Ao	4	..	40604b
98	5228	51.3	−10 34	10.4	*10.5*	A5	1	..	40604b
99	5802	51.3	−17 44	9.5	*10.0*	F8	3	..	39412b
100	14463	51.3	−25 4	10.1	9.9	A5	4	..	40624b

188700 — $19^h\,51^m.3$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14049	51.3	−34 29	8.6	8.9	Fo	5	..	40902b
2	13537	51.3	−39 29	8.6	9.5	F2	5	..	20510b
3	13779	51.3	−41 53	9.62	10.7	Go	2	..	39673b
4	13710	51.3	−43 33	10.3	10.7	A5	2	..	39673b
5	13708	51.3	−43 55	9.7	11.3	Ko	1	..	45073b
6	13362	51.3	−48 16	9.3	10.2	F5	4	..	39668b
7	..	51.3	−49 39	..	..	Mb	..	..	M
8	11593	51.3	−52 24	8.6	9.9	F8	4	..	19920b
9	9352	51.3	−56 36	9.0	9.7	Ao	3	..	39686b
10	3696	51.3	−67 7	*8.7*	8.7	Ao	6	..	20541b
11	797	51.3	−82 0	*9.0*	9.1	A3	5	..	21397b
12	3010	51.4	+45 44	8.6	*8.6*	Ao	4	0,7	37349i
13	3009	51.4	+45 27	10.0	*10.4*	F5	2	..	5816m
14	3626	51.4	+32 29	8.4	*8.7*	F2	5	3,2	37890i
15	3988	51.4	+15 42	8.9	*8.9*	Ao	2	..	38900i
16	4096	51.4	+14 47	7.14	*8.32*	K5	3	*3,3*	37806i
17	4053	51.4	+11 24	9.5	*9.5*	Ao	4	..	21771b
18	4272	51.4	+ 8 56	10.5	*10.5*	Ao	4	..	21771b
19	4297	51.4	+ 7 53	8.5	*9.5*	Ko	5	..	21771b
20	14465	51.4	−25 27	9.0	8.7	Go	6	..	40624b
21	17197	51.4	−31 38	8.0	10.7	K2	1	..	40902b
22	13451	51.4	−37 21	10.8	10.1	Fo	2	..	20510b
23	7351	51.4	−60 17	7.61	8.8	K2	7	..	40422b
24	3952	51.5	+39 8	8.6	*8.7*	A2	3	..	37891i
25	3655	51.5	+33 17	8.0	*8.3*	Fo	5	..	37890i
26	4149	51.5	+17 38	7.9	*7.9*	B9	4	..	37235i
27	4067	51.5	+16 22	var.	var.	Gop	7	R	37238i
28	4055	51.5	+11 9	5.29	*5.35*	A2	..	*2*,R	56,98
29	4329	51.5	+ 9 23	8.9	*9.0*	A2	7	..	21771b
30	4328	51.5	+ 9 8	9.1	*10.1*	Ko	3	..	21771b
31	4143	51.5	+ 1 42	8.9	*10.1*	K5	1	..	17057b
32	*4361*	51.5	+ 1 7	9.5	*9.5*	Ao	2	..	17057b
33	3862	51.5	− 1 22	10.5	*11.1*	Go	2	..	22023b
34	4751	51.5	− 3 16	8.5	*9.5*	Ko	4	..	20397b
35	5590	51.5	−12 50	8.7	*9.7*	Ko	3	..	16854b
36	5463	51.5	−16 31	9.5	*10.7*	K5	2	..	39412b
37	16679	51.5	−29 21	9.07	9.4	F8	3	..	40902b
38	13798	51.5	−36 34	9.9	10.2	F5	2	..	20510b
39	13452	51.5	−37 3	10.3	10.1	Go	2	..	20510b
40	13780	51.5	−38 5	10.6	11.3	A2	1	..	20510b
41	*13713*	51.5	−42 57	8.3	9.0	Ko	8	..	39673b
42	13364	51.5	−48 1	10.3	12.1	G5	1	..	39668b
43	12312	51.5	−51 22	9.2	9.9	Go	4	..	19920b
44	12313	51.5	−51 54	9.5	11.1	K2	1	..	19920b
45	9270	51.5	−55 18	8.0	7.9	F2	7	..	39686b
46	9567	51.5	−57 8	8.8	9.7	Ko	2	..	39686b
47	3340	51.5	−68 27	*9.8*	9.8	Ao	5	..	20541b
48	3080	51.5	−69 27	*7.9*	8.7	G5	7	..	20541b
49	1566	51.5	−75 43	*9.1*	9.4	F2	3	..	42793b
50	879	51.5	−81 43	*8.1*	9.5	Mb	4	..	21397b
51	1252	51.6	+66 49	9.0	*9.1*	A2	2	..	37333i
52	..	51.6	+44 32	..	..	F	1	..	5816m
53	3535	51.6	+41 36	7.36	*8.36*	Ko	3	..	37349i
54	3809	51.6	+29 15	7.9	*8.0*	A2	3	..	38493i
55	3532	51.6	+28 29	8.0	*8.1*	A5	3	..	38794i
56	4313	51.6	+18 12	9.0	*9.0*	A	2	..	37235i
57	4099	51.6	+10 33	9.5	*10.5*	Ko	2	..	21771b
58	*4367*	51.6	+ 7 0	9.3	*9.4*	A5	3	..	21771b
59	4283	51.6	+ 4 42	10.1	*10.7*	Go	1	..	17057b
60	4038	51.6	+ 2 49	9.3	*9.4*	A2	3	..	17057b
61	4362	51.6	+ 0 13	8.53	*9.60*	K2	4	..	17057b
62	5149	51.6	− 2 34	9.1	*9.9*	G5	2	..	20397b
63	5591	51.6	−12 0	9.5	*10.6*	K2	1	..	16854b
64	5661	51.6	−19 48	8.98	10.0	K2	4	..	40624b
65	17200	51.6	−31 11	8.1	9.6	Ko	3	..	40902b
66	13815	51.6	−35 27	7.5	8.6	G5	7	..	40902b
67	9353	51.6	−56 12	*8.8*	9.8	Ko	3	..	39686b
68	4558	51.6	−63 42	*9.4*	10.4	Ko	3	..	40422b
69	3836	51.6	−65 4	6.85	7.0	F5	9	..	40422b
70	3081	51.6	−69 17	*9.8*	9.9	A2	2	..	20541b
71	1288	51.6	−78 18	*8.5*	9.5	Ko	2	..	42793b
72	1574	51.7	+63 55	6.84	*7.62*	G5	9	..	37333i
73	3286	51.7	+44 49	10.3	*10.9*	G	1	..	5816m
74	*3942*	51.7	+41 2	8.6	*8.9*	Fo	2	..	37349i
75	4100	51.7	+10 18	8.77	*8.83*	A2	1	..	38506i
76	*4332*	51.7	+10 1	8.77	*8.83*	A2	1	..	38506i
77	4300	51.7	+ 7 59	7.9	*7.9*	Ao	4	..	38506i
78	4299	51.7	+ 7 13	10.1	*10.1*	Ao	3	..	21771b
79	4347	51.7	+ 5 15	9.8	*10.3*	F8	1	..	17057b
80	4203	51.7	+ 3 42	9.8	*10.3*	F8	1	..	17057b
81	5117	51.7	− 5 33	9.2	*10.0*	G5	2	..	40604b
82	5297	51.7	− 9 24	9.1	*10.2*	K2	2	..	40909b
83	5512	51.7	−15 32	9.2	*9.2*	Ao	3	..	40578b
84	5464	51.7	−16 40	9.7	*10.8*	K2	2	..	39412b
85	15885	51.7	−23 12	9.4	9.1	Fo	6	..	40624b
86	17202	51.7	−31 2	9.6	9.1	F5	4	..	40902b
87	*13454*	51.7	−36 57	7.03	7.3	Fo	10	..	20510b
88	13540	51.7	−39 11	8.9	11.8	K5	1	..	20510b
89	13715	51.7	−43 22	9.5	9.8	Fo	6	..	39673b
90	1863	51.7	−74 28	*8.6*	9.1	F8	3	..	42475b
91	648	51.8	+79 12	7.39	*8.46*	K2	3	..	38512i
92	1765	51.8	+62 17	8.6	*8.7*	A3	4	..	37333i
93	2137	51.8	+59 27	6.03	*6.03*	Ao	9	..	37970i
94	*2318*	51.8	+54 2	8.1	*9.1*	Ko	1	..	37971i
95	..	51.8	+46 50	..	..	K2	1	..	5816m
96	..	51.8	+46 31	..	..	A	1	..	5816m
97	4331	51.8	+ 9 45	10.5	*10.5*	Ao	1	..	21771b
98	4330	51.8	+ 9 37	9.3	*10.3*	Ko	4	..	21771b
99	4273	51.8	+ 8 32	8.9	*9.0*	A3	7	..	21771b
100	*4348*	51.8	+ 6 7	9.1	*9.4*	Fo	3	..	21771b

188800 — 19h 51m.8

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4349	51.8	+ 5 30	9.1	*10.2*	K2	2	..	21771b
2	4145	51.8	+ 1 40	8.5	*8.5*	Ao	7	..	17057b
3	4146	51.8	+ 1 7	9.5	*9.8*	Fo	2	..	17057b
4	3864	51.8	− 1 15	8.1	*9.2*	K2	4	..	20397b
5	3863	51.8	− 1 28	8.7	*9.7*	Ko	4	..	20397b
6	5114	51.8	− 7 40	7.64	*7.64*	Ao	8	..	40909b
7	5594	51.8	−12 49	9.1	*10.3*	K5	2	..	16854b
8	*5527*	51.8	−12 54	9.7	*10.7*	K	1	..	16854b
9	5804	51.8	−17 21	9.2	*9.2*	B9	3	..	40578b
10	14470	51.8	−25 22	10.3	10.4	G5	2	..	40624b
11	16297	51.8	−28 35	9.1	9.9	G5	1	..	40635b
12	16298	51.8	−28 52	8.93	8.4	A3	4	..	40902b
13	14584	51.8	−42 7	var.	var.	Md	2	R	39673b
14	13646	51.8	−44 49	10.1	11.5	Ko	1	..	39673b
15	13313	51.8	−46 21	7.7	7.9	F8	9	..	39668b
16	13312	51.8	−46 38	10.1	11.0	Ko	1	..	39668b
17	9271	51.8	−55 32	*9.6*	10.6	Ko	1	..	39686b
18	1575	51.9	+63 37	8.7	*9.5*	G5	2	..	37333i
19	2804	51.9	+46 54	8.8	*9.3*	F8	8	..	5816m
20	3536	51.9	+28 57	8.6	*8.7*	A5	2	..	38794i
21	4334	51.9	+ 9 38	9.0	*10.0*	Ko	5	..	21771b
22	4368	51.9	+ 6 52	9.5	*10.1*	Go	1	..	21771b
23	*4352*	51.9	+ 6 1	9.0	*10.2*	K5	2	..	21771b
24	4042	51.9	+ 2 38	9.8	*10.2*	F5	3	..	17057b
25	4040	51.9	+ 2 36	8.5	*8.5*	B9	6	..	17057b
26	5312	51.9	− 6 15	9.5	*10.0*	F8	3	..	40604b
27	5513	51.9	−15 43	7.9	*8.7*	G5	5	..	40578b
28	13455	51.9	−37 20	8.6	9.8	K2	2	..	20510b
29	13456	51.9	−37 44	8.6	9.0	Fo	5	..	20510b
30	13582	51.9	−40 49	8.3	10.2	K5	4	..	39673b
31	842	52.0	+74 31	10.3	*11.4*	K2	1	..	6443m
32	2805	52.0	+46 37	9.3	*9.4*	A2	5	..	5816m
33	2806	52.0	+46 21	9.6	*9.7*	A2	3	..	5816m
34	*3287*	52.0	+45 6	10.3	*11.3*	Ko	1	..	5816m
35	4100	52.0	+14 46	9.8	*9.9*	A2	1	..	38900i
36	4146	52.0	+12 10	8.5	*8.6*	A5	4	..	21771b
37	4057	52.0	+11 49	9.1	*10.5*	Mb	2	..	21771b
38	*4102*	52.0	+11 5	10.5	*10.6*	A2	1	..	21771b
39	4274	52.0	+ 8 19	9.8	*10.2*	F5	4	..	21771b
40	4303	52.0	+ 7 41	9.3	*10.5*	K5	1	..	21771b
41	4204	52.0	+ 3 43	10.1	*10.4*	Fo	3	..	17057b
42	5151	52.0	− 2 15	8.9	*8.9*	Ao	7	..	20397b
43	*5120*	52.0	− 4 57	8.54	*8.88*	F2	5	..	20397b
44	*5115*	52.0	− 6 58	6.72	*7.50*	G5	10	..	40604b
45	5175	52.0	− 8 21	9.1	*9.5*	F5	4	..	40909b
46	15712	52.0	−24 42	8.4	9.6	Ko	4	..	40624b
47	14668	52.0	−26 35	8.6	8.7	Ao	5	..	40624b
48	14418	52.0	−27 31	10.1	9.9	Go	1	..	40635b
49	13784	52.0	−41 25	8.3	9.8	K2	4	..	39673b
50	13182	52.0	−47 53	11.0	10.4	F2	3	..	39668b
51	1254	52.1	+66 48	8.6	*9.0*	F5	4	..	37333i
52	1253	52.1	+66 26	7.58	*7.86*	Fo	8	..	37333i
53	2952	52.1	+47 17	6.69	*7.69*	Ko	5	..	37349i
54	2807	52.1	+46 24	7.48	*7.62*	A5	5	3,9 R	37349i
55	4215	52.1	+19 56	8.7	*9.7*	Ko	1	..	37235i
56	4315	52.1	+18 55	7.6	*7.6*	Ao	6	..	37235i
57	4336	52.1	+ 9 29	9.5	*10.5*	Ko	2	..	21771b
58	4275	52.1	+ 8 11	7.9	*9.1*	K5	4	0,2	21771b
59	*3881*	52.1	+ 0 5	6.92	*6.92*	Ao	4	0,10	38023i
60	5121	52.1	− 5 33	9.5	*10.6*	K2	1	..	40604b
61	5230	52.1	−10 18	7.51	*7.51*	Ao	8	..	40604b
62	5597	52.1	−12 18	9.2	*9.2*	Ao	3	..	16854b
63	17205	52.1	−31 0	10.1	11.1	Ko	1	..	40902b
64	15606	52.1	−32 42	8.02	8.4	Ko	6	..	40902b
65	13585	52.1	−40 7	9.5	10.7	F5	3	..	39673b
66	13785	52.1	−41 15	9.9	10.7	A5	3	..	39673b
67	13786	52.1	−41 36	10.6	11.8	G5	1	..	39673b
68	13649	52.1	−44 17	10.6	10.9	F2	3	..	39673b
69	9357	52.1	−56 32	8.5	9.1	F8	4	..	39686b
70	6125	52.1	−62 48	*9.9*	10.9	Ko	1	..	40422b
71	2920	52.2	+50 34	7.77	*7.77*	Ao	5	..	37392i
72	2808	52.2	+46 40	9.3	*9.6*	Fo	3	..	5816m
73	3410	52.2	+43 29	8.9	*10.0*	K2	3	..	5816m
74	3409	52.2	+43 14	10.0	*10.1*	A2	1	..	5816m
75	3959	52.2	+39 55	6.73	*7.80*	K2	3	..	37349i
76	3634	52.2	+32 48	7.24	*7.24*	Ao	7	..	37890i
77	4073	52.2	+16 8	8.4	*8.4*	Ao	3	1,2	38900i
78	4306	52.2	+ 7 39	9.1	*10.2*	K2	1	..	21771b
79	4207	52.2	+ 3 23	9.5	*10.1*	Go	1	..	17057b
80	5313	52.2	− 6 46	9.2	*9.6*	F5	2	..	40604b
81	*5116*	52.2	− 6 53	9.2	*10.0*	G5	2	..	40604b
82	5529	52.2	−13 0	9.2	*10.4*	K5	1	..	16854b
83	17517	52.2	−30 20	8.4	8.8	F5	5	..	40902b
84	15607	52.2	−32 54	7.71	8.1	G5	7	..	40902b
85	14607	52.2	−33 2	8.9	9.3	A3	3	..	40902b
86	9274	52.2	−55 24	*9.4*	9.7	F2	3	..	39686b
87	3698	52.2	−67 13	5.19	7.1	Ko	..	0, R	**28**,214
88	..	52.3	+44 19	..	..	Ao	2	..	5816m
89	..	52.3	+44 11	..	..	Ao	1	..	5816m
90	3412	52.3	+43 44	10.0	*10.0*	B9	2	..	5816m
91	3948	52.3	+40 8	7.22	*7.05*	B3	5	..	37349i
92	3817	52.3	+38 13	4.87	*4.70*	B3	..	..	**56**,98
93	3867	52.3	+35 33	8.6	*8.6*	Ao	2	..	37890i
94	3656	52.3	+33 14	7.7	*7.7*	B8	6	..	37890i
95	3843	52.3	+23 37	7.06	*8.13*	K2	3	..	38016i
96	*4339*	52.3	+10 2	8.87	*9.65*	G5	4	..	21771b
97	4276	52.3	+ 8 51	9.5	*9.5*	Ao	3	..	21771b
98	4373	52.3	+ 6 12	10.1	*10.1*	Ao	3	..	21771b
99	5516	52.3	−15 45	5.05	*5.05*	Ao	..	R	**56**,98
100	5544	52.3	−18 33	8.7	*9.7*	Ko	1	..	40578b

188900 — 19h 52m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14473	52.3	−25 14	10.3	10.4	Ko	1	..	40624b
2	14608	52.3	−33 31	8.9	10.5	F8	2	..	40902b
3	14588	52.3	−42 6	8.23	8.7	F8	8	..	39673b
4	13718	52.3	−43 40	9.3	10.1	G5	3	..	39673b
5	12761	52.3	−50 34	8.7	10.2	Go	3	..	19920b
6	12320	52.3	−51 8	7.5	9.0	Ko	5	..	19920b
7	11597	52.3	−52 27	*9.6*	10.2	Go	1	..	19920b
8	9275	52.3	−55 39	9.1	9.5	Ko	2	..	39686b
9	379	52.3	−86 24	*7.6*	8.6	Ko	5	2,7	15173b
10	2809	52.4	+46 35	9.5	*9.5*	Ao	4	..	5816m
11	3413	52.4	+43 58	9.5	*9.5*	Ao	4	..	5816m
12	4060	52.4	+11 40	9.1	*10.2*	K2	2	..	21771b
13	4308	52.4	+ 7 15	8.5	*8.5*	B9	8	..	21771b
14	4286	52.4	+ 4 57	8.55	*9.05*	F8	6	..	17057b
15	..	52.4	− 2 9	var.	var.	Md	2	0,2 R	22023b
16	5302	52.4	− 9 29	8.2	*8.2*	B9	6	..	40909b
17	5518	52.4	−15 15	8.3	*9.4*	K2	4	..	40578b
18	*5666*	52.4	−18 53	8.7	*9.1*	F5	5	..	39412b
19	15894	52.4	−23 36	8.4	7.7	B9	9	..	40624b
20	16308	52.4	−28 0	9.3	9.6	G5	2	..	40716b
21	17207	52.4	−31 11	9.1	10.0	G5	2	..	40902b
22	14611	52.4	−33 41	8.6	10.8	K2	1	..	40902b
23	9276	52.4	−55 51	8.2	9.7	Ma	3	..	39686b
24	9570	52.4	−57 6	*9.3*	9.7	F5	2	..	39686b
25	614	52.4	−84 22	*9.2*	10.2	Ko	2	..	21397b
26	*758*	52.5	+77 0	9.3	9.4	A2	5	3,2	6443m
27	3288	52.5	+44 18	10.0	*11.1*	K2	1	..	5816m
28	3539	52.5	+28 21	8.5	*8.5*	Ao	1	..	38493i
29	3845	52.5	+23 30	6.72	*7.00*	Fo	7	0,6	38016i
30	4061	52.5	+11 40	9.0	*9.0*	Ao	6	..	21771b
31	4107	52.5	+10 55	10.1	*11.3*	K5	1	..	21771b
32	4374	52.5	+ 6 31	8.6	*9.1*	F8	5	..	21771b
33	4287	52.5	+ 4 11	9.5	*10.1*	Go	2	..	17057b
34	3883	52.5	− 0 2	9.8	..	R3	2	..	37590b
35	3882	52.5	− 0 16	10.5	*10.5*	B9	2	..	20397b
36	5153	52.5	− 2 17	9.7	*10.9*	K5	1	..	20397b
37	5117	52.5	− 7 14	9.5	*10.0*	F8	4	..	40604b
38	5303	52.5	− 9 19	7.58	*8.65*	K2	5	..	40909b
39	5231	52.5	−10 18	9.7	*10.8*	K2	1	..	40604b
40	5545	52.5	−18 22	9.5	*10.7*	K5	1	..	39412b
41	5288	52.5	−22 52	9.7	10.3	G5	1	..	40624b
42	13789	52.5	−38 6	8.6	8.6	F2	7	..	20510b
43	*13590*	52.5	−39 58	9.38	10.7	Ko	3	..	39673b
44	13185	52.5	−47 49	9.5	9.5	F2	5	..	39668b
45	11598	52.5	−52 6	*10.3*	10.8	F8	1	..	19920b
46	*9752*	52.5	−52 57	7.8	8.5	K2	4	..	19920b
47	3798	52.6	+34 49	4.03	*5.03*	Ko	..	R	2899c
48	3637	52.6	+32 51	8.6	*8.6*	B9	4	..	37890i
49	*4160*	52.6	+18 5	8.5	*9.5*	Ko	2	..	37235i
50	*4108*	52.6	+11 4	10.1	*10.2*	A2	2	..	21771b
51	4340	52.6	+ 9 52	7.9	*8.7*	G5	7	5,1	21771b
52	4376	52.6	+ 6 55	10.1	*11.1*	Ko	2	..	21771b
53	4289	52.6	+ 4 13	8.6	*9.4*	G5	4	..	17057b
54	4290	52.6	+ 4 9	8.6	*9.6*	Ko	4	..	17057b
55	4209	52.6	+ 3 8	9.0	*9.8*	G5	3	..	17057b
56	5124	52.6	− 5 27	9.18	*9.46*	Fo	5	..	40604b
57	5319	52.6	− 6 43	7.58	*7.58*	Ao	8	..	40604b
58	5304	52.6	− 9 20	8.8	*9.8*	Ko	3	..	40909b
59	5601	52.6	−14 35	8.8	*9.3*	F8	5	..	16854b
60	5469	52.6	−16 14	7.54	*7.54*	Ao	8	..	40578b
61	*15716*	52.6	−23 56	9.3	9.9	G5	2	..	40624b
62	13374	52.6	−48 27	9.0	9.6	A5	6	..	39668b
63	2482	52.6	−72 8	*9.2*	9.8	Go	1	..	42475b
64	175	52.6	−88 48	*9.1*	10.3	K5	4	..	22980b
65	759	52.7	+76 43	9.5	*10.5*	Ko	2	..	6443m
66	713	52.7	+75 48	8.32	*9.67*	Ma	3	5,1	6443m
67	2811	52.7	+46 29	8.9	*10.0*	K2	3	..	5816m
68	..	52.7	+44 31	..	..	Ao	1	..	5816m
69	3872	52.7	+35 31	8.0	*8.8*	G5	3	..	37891i
70	3639	52.7	+32 34	8.5	*8.8*	F2	2	..	37890i
71	4351	52.7	+20 44	6.47	*6.47*	Ao	8	..	37235i
72	4218	52.7	+19 17	8.6	*8.5*	B5	4	..	37235i
73	4291	52.7	+ 4 58	9.5	*9.5*	Ao	2	..	17057b
74	4044	52.7	+ 2 44	9.0	*10.0*	Ko	3	..	17057b
75	5305	52.7	− 9 42	9.9	*10.2*	Fo	2	..	40604b
76	5470	52.7	−16 27	9.2	*10.2*	Ko	3	..	39412b
77	5289	52.7	−22 31	8.1	9.1	Ko	6	..	40624b
78	R	52.7	−22 54	10.1	9.8	A2	3	..	40624b
79	14477	52.7	−25 12	9.1	9.4	G5	4	..	40624b
80	16309	52.7	−28 55	7.96	8.7	K2	5	..	40902b
81	17525	52.7	−30 48	6.24	8.0	Ko	4	0,9	44540b
82	17210	52.7	−31 35	8.6	11.1	K2	1	..	40902b
83	14593	52.7	−42 41	9.3	9.8	F8	4	..	39673b
84	*13189*	52.7	−46 59	10.3	10.9	G5	2	..	39668b
85	12944	52.7	−49 14	8.7	9.6	G5	4	..	19920b
86	12763	52.7	−50 29	6.82	7.4	F2	10	..	19920b
87	7692	52.7	−58 39	7.3	8.4	Ko	7	..	39686b
88	4017	52.7	−64 15	*10.2*	11.3	K2	2	..	40422b
89	3342	52.7	−68 33	*10.1*	11.1	Ko	1	..	20541b
90	1054	52.7	−79 9	*9.0*	9.1	A2	4	..	21397b
91	3685	52.8	+37 34	9.7	*9.7*	A	1	..	37891i
92	3641	52.8	+32 31	8.4	*8.4*	Ao	4	..	37890i
93	3815	52.8	+30 41	6.82	*7.60*	G5	6	5,4	37890i
94	3815	52.8	+29 16	8.6	*8.9*	Fo	2	..	38794i
95	3566	52.8	+27 33	8.0	*8.0*	Ao	2	..	38493i
96	3997	52.8	+15 20	8.5	*9.6*	K2	1	..	38900i
97	4063	52.8	+11 19	9.3	*10.5*	K5	1	..	21771b
98	4110	52.8	+10 15	10.5	*11.5*	Ko	1	..	21771b
99	*4045*	52.8	+ 3 2	9.8	*10.8*	Ko	2	..	17057b
100	3884	52.8	− 0 8	9.1	*9.6*	F8	2	..	20397b

189000 — 19h 52m.8

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5178	52.8	− 8 18	8.7	*9.0*	Fo	5	..	40909b
2	5603	52.8	−14 17	9.1	*9.5*	F5	3	..	16854b
3	5549	52.8	−18 39	8.5	*8.8*	Fo	6	..	40578b
4	5776	52.8	−20 12	8.5	9.8	Ko	4	..	40624b
5	14682	52.8	−26 28	4.95	6.2	G5	..	5,7 R	28,214
6	12946	52.8	−49 1	8.1	8.4	F5	6	..	19920b
7	11599	52.8	−52 39	*9.4*	10.5	K2	1	..	19920b
8	9572	52.8	−57 32	*9.9*	10.0	A2	2	..	39686b
9	6440	52.8	−61 0	7.5	7.4	Ao	9	..	40422b
10	4018	52.8	−64 21	*9.0*	9.5	F8	4	..	40422b
11	3466	52.8	−66 22	*8.9*	9.9	Ko	5	..	20541b
12	1865	52.8	−74 19	*8.7*	9.9	K5	1	3,1	45404b
13	2812	52.9	+46 50	6.84	*6.90*	A2	6	..	37349i
14	3014	52.9	+45 40	10.3	*10.7*	F5	2	..	5816m
15	3290	52.9	+44 33	8.7	*9.9*	K5	3	..	5816m
16	*3876*	52.9	+36 4	8.6	*8.6*	B9	3	..	37891i
17	4220	52.9	+19 32	7.9	*8.9*	Ko	2	..	37235i
18	4215	52.9	+13 52	8.1	*8.2*	A3	3	..	38900i
19	4113	52.9	+10 30	9.5	*10.3*	G5	1	..	21771b
20	*4341*	52.9	+10 0	9.5	*10.5*	Ko	1	..	21771b
21	4046	52.9	+ 2 52	10.5	*11.0*	F8	2	..	17057b
22	4367	52.9	+ 0 14	9.08	*9.22*	A5	3	..	20397b
23	3885	52.9	− 0 1	9.8	*10.3*	F8	2	..	22023b
24	4982	52.9	− 4 38	8.7	*9.5*	G5	3	..	20397b
25	5320	52.9	− 6 37	8.40	*8.40*	Ao	7	..	40604b
26	5471	52.9	−16 1	9.1	*10.2*	K2	1	..	40578b
27	14683	52.9	−26 34	9.3	9.0	A5	4	5,3	40712b
28	14067	52.9	−34 39	9.3	9.6	Fo	2	..	40902b
29	13593	52.9	−40 47	9.3	11.5	K2	2	..	39673b
30	13727	52.9	−43 15	8.6	9.8	K5	5	..	39673b
31	6441	52.9	−61 32	8.9	9.9	F2	3	..	40422b
32	3082	52.9	−69 8	*9.4*	10.4	Ko	3	..	20541b
33	1290	52.9	−78 27	*9.0*	9.5	F8	1	..	42793b
34	296	52.9	−87 51	*10.0*	10.0	Ao	2	..	22980b
35	2140	53.0	+59 21	7.21	*8.28*	K2	4	..	37970i
36	*2323*	53.0	+54 7	8.2	*8.3*	A2	3	..	37971i
37	2572	53.0	+52 10	4.80	*4.88*	A3	..	1,9 R	56,98
38	3414	53.0	+43 23	9.3	*10.4*	K2	1	..	5816m
39	3688	53.0	+37 18	8.5	*9.5*	Ko	1	..	37891i
40	4034	53.0	+25 13	7.56	*7.56*	Ao	5	..	38016i
41	3998	53.0	+15 9	8.39	*8.81*	F5	3	3,2	38900i
42	4312	53.0	+ 7 53	9.1	*9.2*	A2	4	..	21771b
43	4313	53.0	+ 7 14	9.8	*9.8*	B9	3	..	21771b
44	4292	53.0	+ 4 40	8.7	*9.5*	G5	5	..	17057b
45	3868	53.0	− 1 7	10.5	*10.5*	Ao	2	..	20397b
46	3867	53.0	− 1 16	10.5	*11.5*	Ko	1	..	20397b
47	3866	53.0	− 1 45	10.5	*10.6*	A3	2	..	22023b
48	5154	53.0	− 2 38	9.7	*9.7*	Ao	4	..	20397b
49	5321	53.0	− 6 26	9.9	*11.0*	K2	1	..	40604b
50	5533	53.0	−13 9	9.7	*9.7*	Ao	1	..	16854b
51	15904	53.0	−23 36	8.1	9.4	K2	4	..	40624b
52	14480	53.0	−25 22	9.0	9.9	Ko	2	..	40624b
53	14436	53.0	−27 31	10.1	9.3	F8	3	..	40716b
54	16701	53.0	−29 7	8.38	8.7	F2	6	..	40902b
55	16699	53.0	−29 47	9.1	9.6	F5	3	..	40902b
56	13793	53.0	−38 29	9.9	10.4	F5	2	..	20510b
57	13660	53.0	−44 38	10.1	10.7	Go	2	..	39673b
58	13544	53.0	−45 46	9.5	10.9	K2	3	..	39673b
59	13190	53.0	−47 15	8.9	9.5	Go	6	..	39668b
60	13376	53.0	−48 55	10.1	11.1	G5	1	..	39668b
61	7355	53.0	−60 20	8.7	9.6	Ko	5	..	40422b
62	1210	53.1	+67 12	8.7	*9.8*	K2	2	..	37333i
63	2045	53.1	+60 33	7.34	*8.52*	K5	3	..	37970i
64	2010	53.1	+58 59	8.6	*8.6*	A	1	..	37970i
65	2984	53.1	+48 55	8.3	*8.3*	B9	4	..	37392i
66	3878	53.1	+35 59	6.04	*5.87*	B3	..	0,9	56,98
67	3847	53.1	+23 49	7.13	*7.69*	Go	5	..	38016i
68	*4221*	53.1	+20 0	8.30	*8.28*	B9	3	..	37235i
69	4282	53.1	+ 8 22	8.5	*8.5*	B8	4	..	21771b
70	4210	53.1	+ 3 48	10.5	*10.6*	A2	3	..	17057b
71	4047	53.1	+ 2 22	10.1	*10.9*	G5	1	..	17057b
72	3886	53.1	− 0 23	9.8	*10.9*	K2	2	..	22023b
73	5155	53.1	− 2 30	7.04	*7.46*	F5	3	0,10	38023i
74	5777	53.1	−20 21	8.5	9.4	Ao	7	..	40624b
75	5291	53.1	−22 32	9.1	10.0	Ko	1	..	40624b
76	15905	53.1	−23 52	10.5	10.0	F2	2	..	40624b
77	*14620*	53.1	−32 58	7.9	8.4	Ko	5	..	40902b
78	13812	53.1	−36 18	9.9	11.0	Ma	..	..	M
79	13464	53.1	−37 39	7.16	7.3	Ao	6	..	43220b
80	12949	53.1	−49 37	6.25	7.1	Ko	5	0,9	36360b
81	9755	53.1	−53 20	*8.8*	8.9	A2	4	..	19920b
82	7693	53.1	−58 44	*9.7*	10.2	F8	1	..	39686b
83	3467	53.1	−66 6	*9.9*	10.4	F8	2	..	20541b
84	2046	53.2	+60 21	7.36	*8.54*	K5	3	..	37970i
85	3881	53.2	+35 16	8.17	*8.17*	Ao	2	..	37891i
86	3820	53.2	+30 30	6.88	*6.88*	Ao	6	0,7	9896i
87	3820	53.2	+29 33	8.2	*9.0*	G5	2	..	38794i
88	3987	53.2	+21 29	7.8	*8.8*	Ko	2	..	37235i
89	4080	53.2	+16 53	8.1	*8.1*	B9	4	..	37235i
90	4081	53.2	+16 31	5.38	*5.36*	B9	10	..	37235i
91	4112	53.2	+14 17	9.3	*10.4*	K2	1	..	38900i
92	4066	53.2	+11 19	7.58	*7.58*	Ao	4	..	38506i
93	4065	53.2	+11 9	7.35	*7.43*	A3	4	..	38506i
94	4314	53.2	+ 7 39	9.3	*9.3*	Ao	5	..	21771b
95	4359	53.2	+ 5 48	9.5	*10.6*	K2	1	..	21771b
96	4358	53.2	+ 5 32	8.7	*8.8*	A3	4	..	21771b
97	*4048*	53.2	+ 3 6	9.5	*10.9*	Ma	2	5,1	37590b
98	*3869*	53.2	− 0 53	9.5	*10.7*	K5	2	..	22023b
99	3870	53.2	− 1 7	9.5	*10.5*	Ko	2	..	20397b
100	4984	53.2	− 4 38	8.40	*8.68*	Fo	6	..	20397b

189100 — 19h 53m.2

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5181	53.2	− 8 37	9.9	*10.9*	Ko	1	..	40909b
2	14624	53.2	−33 49	8.3	10.0	Ko	2	..	40902b
3	13831	53.2	−35 33	4.39	*4.22*	B3	..	R	**28**,214
4	13795	53.2	−41 5	8.3	8.7	A5	6	..	39673b
5	7357	53.2	−60 29	9.2	9.9	Ko	3	..	40422b
6	2141	53.3	+59 12	7.8	*7.9*	A2	2	..	37970i
7	3826	53.3	+30 35	8.5	*8.6*	A2	4	*2,3*	37890i
8	3542	53.3	+28 26	6.79	*7.79*	Ko	4	..	38493i
9	4380	53.3	+ 6 53	9.5	*10.6*	K2	1	..	21771b
10	4379	53.3	+ 6 9	9.5	*9.5*	Ao	3	..	21771b
11	4156	53.3	+ 1 20	9.8	*9.8*	B9	3	..	17057b
12	*3871*	53.3	− 0 56	9.5	*9.5*	Ao	3	..	20397b
13	3872	53.3	− 1 50	9.5	*9.5*	Ao	3	..	20397b
14	4757	53.3	− 3 49	7.14	*8.32*	K5	7	..	20397b
15	5606	53.3	−14 4	9.5	*10.7*	K5	1	..	16854b
16	5553	53.3	−18 14	8.1	*8.2*	A2	5	..	40578b
17	5294	53.3	−22 11	8.1	8.5	Go	8	..	40624b
18	*13832*	53.3	−34 58	5.34	*5.42*	A3	..	R	**28**,214
19	13797	53.3	−41 51	*8.8*	8.9	A5	7	R	39673b
20	13732	53.3	−43 21	9.5	10.1	Ko	2	..	39673b
21	*13546*	53.3	−44 57	9.27	9.8	F5	6	..	39673b
22	12950	53.3	−49 53	6.87	8.4	Mb	6	..	19920b
23	9574	53.3	−57 41	9.0	9.5	G5	3	..	39686b
24	7564	53.3	−59 39	5.12	7.1	Mb	..	0,10	**28**,214
25	*3699*	53.3	−66 58	*9.9*	11.3	Mb	2	0,1	39282b
26	714	53.4	+75 8	8.77	*9.19*	F5	3	3,2	6443m
27	2092	53.4	+57 59	6.19	*7.19*	Ko	..	0,7	**56**,98
28	2813	53.4	+46 15	9.8	*10.4*	Go	2	..	5816m
29	3417	53.4	+43 27	9.0	*9.4*	F5	4	..	5816m
30	3691	53.4	+37 42	9.5	*9.5*	A	1	..	37891i
31	*4219*	53.4	+14 2	8.4	*9.2*	G5	1	..	38900i
32	4117	53.4	+10 28	7.9	*8.2*	Fo	3	..	38506i
33	4360	53.4	+ 5 58	9.5	*9.6*	A5	2	..	21771b
34	5126	53.4	− 7 11	9.7	*10.5*	G5	1	..	40909b
35	5182	53.4	− 8 32	9.2	*10.0*	G5	3	..	40909b
36	5234	53.4	−10 37	9.2	*10.4*	K5	1	..	16854b
37	*5186*	53.4	−10 59	9.7	*10.9*	K5	1	..	16854b
38	5670	53.4	−19 53	8.38	9.7	Ko	5	0,3	40624b
39	13798	53.4	−38 30	10.3	11.3	Go	1	..	20510b
40	13735	53.4	−43 19	6.07	8.2	K5	3	0,9	12002b
41	13378	53.4	−48 50	9.7	10.2	F5	3	..	39668b
42	9758	53.4	−53 20	*9.4*	9.4	Ao	3	..	19920b
43	9368	53.4	−56 17	8.5	8.8	F5	6	..	39686b
44	6443	53.4	−61 40	*9.5*	10.5	Ko	2	..	40422b
45	715	53.5	+75 9	9.8	*10.2*	F5	1	..	6443m
46	3293	53.5	+44 27	8.9	*10.0*	K2	6	0,2-	5816m
47	3543	53.5	+41 46	8.3	*8.3*	Ao	3	..	37349i
48	3806	53.5	+34 45	8.2	*8.6*	F5	5	..	37891i
49	4002	53.5	+15 20	8.5	*9.0*	F8	1	..	37908i
50	4381	53.5	+ 6 30	9.5	*9.5*	Ao	3	..	21771b
51	*4363*	53.5	+ 6 5	9.1	*9.4*	F2	3	..	21771b
52	*3873*	53.5	− 0 54	10.1	*11.2*	K2	2	..	22023b
53	5187	53.5	−11 45	8.5	*9.5*	Ko	3	..	16854b
54	5603	53.5	−12 14	9.2	*9.6*	F5	2	..	16854b
55	5602	53.5	−12 28	9.1	*9.7*	Go	2	..	16854b
56	13664	53.5	−44 20	8.4	8.9	A5	7	..	39673b
57	13192	53.5	−47 12	10.1	10.6	K2	3	..	39668b
58	7565	53.5	−59 43	7.56	8.8	Ko	5	..	39686b
59	*3423*	53.6	+44 4	9.3	*9.3*	B9	6	..	5816m
60	3422	53.6	+43 59	8.0	*8.0*	B8	5	1,9	37349i
61	3421	53.6	+43 15	9.5	*9.5*	Ao	4	..	5816m
62	3945	53.6	+24 14	8.2	*9.2*	Ko	2	..	38016i
63	4382	53.6	+ 6 45	10.1	*10.1*	Ao	2	..	21771b
64	4759	53.6	− 3 31	9.2	*9.3*	A3	1	..	20397b
65	5308	53.6	− 9 51	9.31	*10.31*	Ko	1	..	40604b
66	5606	53.6	−12 0	9.2	*9.7*	F8	3	..	16854b
67	5473	53.6	−16 18	8.9	*9.9*	Ko	3	..	40578b
68	13817	53.6	−36 49	9.9	10.1	F2	2	..	20510b
69	13469	53.6	−37 52	10.8	10.4	G5	1	..	20510b
70	13736	53.6	−43 44	10.1	10.6	F5	2	..	39673b
71	*13667*	53.6	−43 58	10.1	11.0	F5	1	..	39673b
72	13326	53.6	−46 50	10.6	10.7	Go	2	..	39668b
73	*7358*	53.6	−59 59	*9.3*	10.4	K2	1	..	39686b
74	4559	53.6	−63 37	*8.5*	9.5	Ko	7	..	40422b
75	*2144*	53.7	+60 7	8.66	*8.74*	A3	1	..	37970i
76	2814	53.7	+46 45	9.8	*10.8*	Ko	2	..	5816m
77	3294	53.7	+44 25	9.8	*9.8*	B9	3	..	5816m
78	*3968*	53.7	+40 6	5.43	*5.26*	B3	..	0,6	**56**,98
79	*4040*	53.7	+26 6	7.9	*7.9*	B9	2	..	38794i
80	*4041*	53.7	+26 1	7.6	*7.6*	Ao	3	..	38794i
81	3849	53.7	+23 38	8.6	*8.6*	Ao	3	..	38016i
82	4226	53.7	+19 24	8.5	*8.6*	A3	4	..	37235i
83	4086	53.7	+16 13	6.81	*6.76*	B8	7	2,9	37235i
84	4160	53.7	+12 48	9.1	*9.1*	B9	3	E	21771b
85	4286	53.7	+ 8 19	9.0	*10.0*	Ko	2	..	21771b
86	4316	53.7	+ 7 39	7.5	*8.5*	Ko	4	0,4	37965i
87	4050	53.7	+ 2 55	9.3	*10.3*	Ko	2	..	17057b
88	4159	53.7	+ 1 24	6.84	*7.84*	Ko	8	..	17057b
89	4370	53.7	+ 0 15	9.08	*9.36*	Fo	3	..	20397b
90	4762	53.7	− 3 21	9.7	*9.7*	Ao	2	..	20397b
91	..	53.7	− 8 9	var.	var.	Md	..	R	M
92	5235	53.7	−10 49	9.2	*9.5*	Fo	3	..	16854b
93	5296	53.7	−22 29	6.84	7.5	A2	10	..	40624b
94	*15730*	53.7	−23 56	10.5	9.9	Ao	2	..	40624b
95	*13802*	53.7	−37 58	6.00	6.8	Ko	..	*5,10*	**28**,214
96	13599	53.7	−40 18	10.8	10.7	Fo	2	..	39673b
97	13737	53.7	−43 23	9.7	9.9	Go	2	..	39673b
98	13549	53.7	−45 23	5.95	6.4	A5	..	..	**56**,145
99	13327	53.7	−46 38	9.5	10.4	Ko	3	..	39668b
100	9760	53.7	−53 30	*9.5*	10.6	K2	1	..	19920b

189200 — $19^h\,53^m.7$

H. D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	9371	53.7	−56 39	*9.5*	10.3	G5	1	..	39686b
2	7566	53.7	−59 9	*8.8*	9.3	F8	2	..	39686b
3	6127	53.7	−62 51	*10.0*	10.1	A5	3	..	40422b
4	4019	53.7	−64 0	*8.9*	9.5	Go	5	..	40422b
5	445	53.8	+84 31	8.7	*8.7*	Ao	6	..	37294i
6	*1769*	53.8	+63 4	8.7	*9.5*	G5	3	..	37333i
7	1768	53.8	+62 19	7.97	*8.31*	F2	4	..	37333i
8	2145	53.8	+59 28	8.1	*8.5*	F5	2	..	38795i
9	3016	53.8	+45 37	9.8	*10.8*	Ko	1	..	5816m
10	3424	53.8	+43 29	10.0	*10.8*	G5	1	..	5816m
11	3663	53.8	+33 9	9.0	*9.0*	Ao	2	..	37890i
12	3831	53.8	+30 59	7.7	*8.7*	Ko	2	..	38794i
13	3546	53.8	+28 36	7.05	*7.11*	A2	5	..	38493i
14	3744	53.8	+26 59	8.0	*8.0*	Ao	5	..	38016i
15	4317	53.8	+ 7 15	9.0	*9.5*	F8	4	..	21771b
16	3889	53.8	− 0 6	9.1	*9.5*	F5	3	..	20397b
17	5157	53.8	− 2 43	9.1	*9.1*	Ao	5	..	20397b
18	*5185*	53.8	− 7 59	9.5	*10.1*	Go	2	..	40909b
19	*5557*	53.8	−17 54	9.2	*9.6*	F5	3	..	39412b
20	14697	53.8	−26 8	9.8	9.4	F5	3	..	40712b
21	13818	53.8	−36 21	8.3	9.2	F8	5	..	20510b
22	13804	53.8	−38 0	9.9	*11.3*	Ma	..	..	M
23	13738	53.8	−43 22	9.7	10.1	Ao	2	..	39673b
24	13669	53.8	−44 31	10.3	11.0	K2	1	..	45073b
25	13551	53.8	−45 30	9.7	10.9	Ko	1	..	39673b
26	*13328*	53.8	−45 58	8.0	8.9	Ao	7	..	39668b
27	13329	53.8	−46 29	9.9	10.6	Ko	3	..	39668b
28	9763	53.8	−53 15	8.5	9.1	Ko	4	..	19920b
29	9283	53.8	−55 48	9.1	9.7	Ko	3	..	39686b
30	1255	53.9	+66 23	8.7	*9.1*	F5	3	..	37333i
31	1398	53.9	+64 27	6.93	*7.71*	G5	7	..	37333i
32	2049	53.9	+60 59	9.6	*10.4*	G5	1	..	38795i
33	2093	53.9	+57 46	8.5	*8.6*	A5	2	..	37970i
34	2253	53.9	+54 45	8.01	*8.09*	A3	4	..	37971i
35	3832	53.9	+38 11	6.71	*6.77*	A2	..	0,8	56,98
36	3745	53.9	+26 57	8.4	*8.4*	Ao	3	..	38016i
37	4163	53.9	+12 45	8.3	*9.7*	Ma	..	..	M
38	4164	53.9	+12 14	9.3	*9.3*	Ao	2	..	21771b
39	4160	53.9	+ 1 15	8.24	*8.22*	B9	7	..	17057b
40	4986	53.9	− 4 27	9.1	*10.2*	K2	2	..	20397b
41	5236	53.9	−10 49	9.2	*9.5*	Fo	5	..	16854b
42	5781	53.9	−20 29	8.8	9.7	Ko	3	..	40624b
43	*15733*	53.9	−23 59	10.1	10.2	G5	1	..	40624b
44	*14637*	53.9	−32 56	8.9	9.9	Ko	2	..	40902b
45	*14082*	53.9	−33 58	5.67	6.8	F5	..	3,9	56,145
46	13601	53.9	−40 28	7.8	9.5	Ma	5	..	39673b
47	13671	53.9	−44 15	7.7	8.2	F2	9	..	39673b
48	9764	53.9	−53 6	9.0	9.4	A2	4	..	19920b
49	9284	53.9	−55 56	*9.4*	10.0	Go	1	..	39686b
50	1577	54.0	+63 11	8.7	*8.7*	Ao	5	..	37333i
51	2329	54.0	+56 37	8.1	*9.1*	Ko	3	..	38807i
52	2328	54.0	+53 31	8.1	*9.2*	K2	1	..	38807i
53	2930	54.0	+50 38	6.27	*6.27*	Ao	..	0,7	56,98
54	..	54.0	+45 53	..	..	Ao	1	..	5816m
55	3295	54.0	+44 47	9.3	*10.3*	Ko	2	..	5816m
56	3425	54.0	+43 59	var.	var.	Nb	1	R	5816m
57	3665	54.0	+33 58	7.9	*7.9*	Ao	3	..	37891i
58	4120	54.0	+10 27	8.6	*9.2*	Go	2	E	38506i
59	4384	54.0	+ 6 19	7.9	*8.2*	F2	7	..	21771b
60	4213	54.0	+ 3 59	9.3	*9.6*	Fo	2	..	17057b
61	4161	54.0	+ 1 19	8.7	*9.7*	Ko	2	..	17057b
62	4374	54.0	+ 0 24	9.3	*9.7*	F5	3	..	22023b
63	5324	54.0	− 6 29	9.5	*10.5*	Ko	1	..	40604b
64	5186	54.0	− 8 22	7.9	*8.9*	Ko	7	..	40909b
65	14454	54.0	−27 54	10.3	9.3	Ko	2	..	40716b
66	16326	54.0	−28 39	9.6	9.9	Ko	1	..	40716b
67	*17226*	54.0	−30 57	9.3	10.2	F5	2	..	40902b
68	14638	54.0	−33 18	10.1	10.0	Go	3	..	40902b
69	13602	54.0	−40 10	10.1	10.7	F5	2	..	39673b
70	14611	54.0	−42 18	8.54	9.2	F5	6	..	39673b
71	9767	54.0	−53 34	8.6	9.1	Go	5	..	19920b
72	9374	54.0	−56 47	8.6	9.5	Ko	3	..	39686b
73	4560	54.0	−63 13	*10.1*	10.6	F8	2	..	40422b
74	3837	54.0	−65 34	*8.0*	8.4	F5	6	..	40422b
75	115	54.1	+88 34	8.88	*8.94*	A2	3	..	37793i
76	2013	54.1	+58 35	5.13	*6.20*	K2	8	..	37970i
77	*2815*	54.1	+47 1	9.6	*10.2*	Go	4	..	5816m
78	3017	54.1	+45 17	10.3	*10.4*	A2	1	..	5816m
79	*3837*	54.1	+39 4	8.6	*9.2*	G	2	..	37891i
80	3836	54.1	+38 8	8.0	*9.0*	Ko	2	..	37891i
81	4007	54.1	+15 28	8.9	*9.7*	G5	1	..	38900i
82	4070	54.1	+11 18	8.1	*8.4*	Fo	4	..	38506i
83	4299	54.1	+ 4 42	9.3	*9.3*	Ao	5	..	17057b
84	4214	54.1	+ 3 43	9.1	*9.1*	B9	5	..	17057b
85	4987	54.1	− 4 49	9.25	*10.03*	G5	3	..	20397b
86	*5607*	54.1	−11 59	7.54	*7.68*	A5	8	..	16854b
87	5608	54.1	−12 19	8.9	*9.9*	Ko	2	..	16854b
88	15627	54.1	−32 31	8.9	9.6	Fo	4	..	40902b
89	14639	54.1	−33 54	9.3	10.5	G	1	..	40902b
90	13557	54.1	−39 17	9.3	10.2	A3	2	..	20510b
91	13740	54.1	−43 24	9.9	10.1	F5	3	..	39673b
92	13674	54.1	−44 39	9.3	10.7	K5	2	..	39673b
93	7695	54.1	−58 45	*9.0*	9.4	F5	3	..	39686b
94	7359	54.1	−60 27	*9.5*	10.5	Ko	2	..	40422b
95	1211	54.2	+67 15	7.8	*8.8*	Ko	5	..	37333i
96	2331	54.2	+56 25	6.10	*6.16*	A2	..	0,9	56,98
97	3019	54.2	+45 57	9.8	*10.1*	F	1	..	5816m
98	3018	54.2	+45 34	9.0	*9.0*	Ao	8	3,2	5816m
99	3298	54.2	+44 30	9.0	*9.1*	A2	6	1,2	5816m
100	*3540*	54.2	+43 0	9.3	*10.3*	K	2	..	5816m

189300

$19^h\,54^m.2$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3698	54.2	+37 51	7.8	*8.9*	K2	2	..	37891i
2	5326	54.2	− 6 41	9.2	*9.2*	Ao	6	..	40604b
3	5311	54.2	− 9 9	8.7	*9.9*	K5	2	..	40909b
4	5300	54.2	−22 3	8.9	9.7	K2	3	..	40624b
5	14614	54.2	−42 9	8.7	8.7	F2	8	..	39673b
6	14615	54.2	−42 26	8.9	8.0	F2	7	..	39673b
7	13199	54.2	−47 40	7.26	7.3	Fo	10	..	39668b
8	12956	54.2	−49 26	9.7	10.2	G5	4	..	39668b
9	3700	54.2	−67 48	*9.1*	10.1	Ko	2	..	20541b
10	798	54.2	−82 19	*8.0*	8.8	G5	7	..	21397b
11	1579	54.3	+63 31	9.0	*9.6*	Go	3	..	37333i
12	*2054*	54.3	+61 0	8.7	*9.8*	K2	1	..	38795i
13	3142	54.3	+49 23	8.5	*8.5*	Ao	2	..	37392i
14	3426	54.3	+43 46	10.0	*10.5*	F8	2	..	5816m
15	*3889*	54.3	+36 4	8.1	*8.1*	B9	5	..	37891i
16	3553	54.3	+28 43	8.0	*8.0*	Ao	3	..	38493i
17	3552	54.3	+28 20	8.2	*9.0*	G5	1	..	38493i
18	4048	54.3	+25 53	8.2	*8.3*	A2	3	..	38016i
19	4229	54.3	+19 13	3.71	*4.89*	K5	..	5,R	3019c
20	*4322*	54.3	+ 8 1	9.5	*9.5*	Ao	3	..	21771b
21	4385	54.3	+ 6 47	9.3	*10.3*	Ko	1	..	21771b
22	*4375*	54.3	+ 1 7	6.35	*7.13*	G5	10	..	17057b
23	5191	54.3	−11 1	9.5	*10.7*	K5	1	..	16854b
24	*5477*	54.3	−15 59	9.1	*10.2*	K2	1	..	40578b
25	15736	54.3	−24 13	8.1	8.4	Fo	7	..	40624b
26	14705	54.3	−26 10	8.6	9.9	K5	1	..	40712b
27	17550	54.3	−30 44	9.4	9.9	F8	2	..	40902b
28	15630	54.3	−32 27	7.34	7.8	Ao	8	..	40902b
29	12340	54.3	−51 51	9.9	10.5	Go	1	..	19920b
30	9375	54.3	−56 2	*9.6*	10.6	Ko	1	..	39686b
31	7567	54.3	−59 53	*9.8*	10.8	Ko	1	..	39686b
32	..	54.4	+73 20	..	..	F8	1	..	6443m
33	3839	54.4	+38 24	8.5	*9.0*	F8	2	..	37891i
34	*3812*	54.4	+35 7	8.77	*8.83*	A2	1	..	37890i
35	3813	54.4	+34 9	8.1	*8.1*	B9	4	..	37891i
36	3670	54.4	+33 16	9.0	*9.0*	Ao	1	..	37890i
37	*4126*	54.4	+11 2	6.55	*7.55*	Ko	4	..	38506i
38	*4292*	54.4	+ 9 1	9.0	*9.3*	Fo	5	..	21771b
39	4163	54.4	+ 1 13	9.14	*9.56*	F5	3	..	17057b
40	5238	54.4	−10 13	5.91	*6.41*	F8	5	2,10	8377b
41	13604	54.4	−40 17	10.3	10.7	F8	2	..	39673b
42	13677	54.4	−44 39	10.3	10.7	Go	2	..	39673b
43	9377	54.4	−56 14	*9.2*	10.6	Mc	..	..	M
44	1256	54.5	+66 28	7.24	*8.24*	Ko	8	..	37333i
45	2148	54.5	+59 31	8.2	*8.8*	Go	3	..	38795i
46	2149	54.5	+59 28	8.9	*10.3*	Mb	..	..	M
47	3428	54.5	+43 11	9.6	*9.7*	A3	3	..	5816m
48	*3543*	54.5	+43 3	9.3	*10.4*	K2	2	..	5816m
49	3958	54.5	+40 39	7.44	*8.22*	G5	3	..	37349i
50	3864	54.5	+31 12	8.5	*9.9*	Ma	..	..	M
51	3997	54.5	+21 7	8.7	*8.7*	Ao	2	..	38809i
52	4341	54.5	+18 17	8.3	*8.4*	A3	2	..	38809i
53	4127	54.5	+10 17	8.97	*9.03*	A2	6	..	21771b
54	4354	54.5	+ 9 13	9.1	*9.4*	F2	4	..	21771b
55	4368	54.5	+ 5 37	8.6	*8.9*	F2	6	..	21771b
56	4302	54.5	+ 4 46	9.5	*10.6*	K2	1	..	17057b
57	3876	54.5	− 1 17	8.9	*9.7*	G5	4	..	20397b
58	3875	54.5	− 1 42	9.1	*9.5*	F5	4	..	20397b
59	5159	54.5	− 2 14	6.61	*6.67*	A2	5	2,10	38023b
60	5160	54.5	− 2 47	9.2	*9.2*	Ao	4	..	20397b
61	5327	54.5	− 6 13	9.2	*10.2*	Ko	1	..	40604b
62	5588	54.5	−21 8	8.1	9.4	A2	6	..	40624b
63	*14708*	54.5	−25 59	8.4	9.0	F5	6	..	40712b
64	14709	54.5	−26 13	9.1	10.4	K2	1	..	40712b
65	16332	54.5	−28 52	7.00	7.3	Ko	8	..	40902b
66	14647	54.5	−33 46	8.9	9.3	Ao	4	..	40902b
67	13743	54.5	−43 8	9.3	9.3	B9	7	..	39673b
68	*9378*	54.5	−55 58	8.1	8.5	Ao	7	..	39686b
69	3084	54.5	−69 16	*9.1*	10.1	Ko	3	..	20541b
70	2254	54.6	+54 45	8.1	*8.2*	A3	3	..	37971i
71	2255	54.6	+54 31	8.5	*8.5*	Ao	2	..	37971i
72	2817	54.6	+46 31	9.5	*10.1*	Go	5	..	5816m
73	3300	54.6	+44 56	10.0	*10.0*	B9	5	..	5816m
74	3299	54.6	+44 20	10.3	*10.3*	Ao	2	..	37349i
75	*3429*	54.6	+44 6	9.3	*9.3*	Ao	4	..	5816m
76	*3430*	54.6	+44 6	8.1	*9.1*	Ko	3	..	5816m
77	3549	54.6	+41 59	6.48	*6.54*	A2	6	..	37349i
78	*3651*	54.6	+33 0	7.12	*7.26*	A5	4	..	37891i
79	3829	54.6	+29 40	7.41	*7.91*	F8	2	..	38493i
80	4356	54.6	+ 9 55	9.5	*10.3*	G5	1	..	21771b
81	4355	54.6	+ 9 54	8.9	*9.5*	Go	5	..	21771b
82	4357	54.6	+ 9 50	9.1	*10.3*	K5	1	..	21771b
83	4303	54.6	+ 4 46	9.8	*11.2*	Mb	1	..	37590b
84	17240	54.6	−31 35	8.6	9.6	F5	3	..	40902b
85	14649	54.6	−33 6	8.6	9.4	G5	4	..	40902b
86	13809	54.6	−38 51	7.60	7.9	F2	8	..	20510b
87	*13560*	54.6	−38 57	7.42	8.0	F5	8	..	20510b
88	13807	54.6	−41 5	6.50	6.8	A2	7	..	12002b
89	14618	54.6	−42 46	8.7	8.9	Go	6	..	39673b
90	..	54.6	−63 8	..	..	Ko	1	..	40422b
91	3348	54.6	−68 42	*10.1*	10.7	Go	1	..	20541b
92	1416	54.7	+65 34	9.3	*9.4*	A3	3	..	37333i
93	3983	54.7	+39 8	8.8	*8.8*	A	2	..	37891i
94	3817	54.7	+34 14	8.2	*8.2*	Ao	2	..	37891i
95	3837	54.7	+30 42	5.44	*5.39*	B8	..	1,9	**56**,98
96	4120	54.7	+14 54	8.6	*9.4*	G5	2	..	38900i
97	5542	54.7	−13 16	8.5	*9.3*	G5	4	..	16854b
98	5784	54.7	−20 8	7.83	9.1	Ko	5	2,7	40578b
99	15925	54.7	−23 7	10.3	9.4	Ao	4	..	40624b
100	14463	54.7	−27 28	9.3	8.7	A5	5	..	40712b

189400 — $19^h\,54^m.7$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13480	54.7	−37 38	9.3	9.6	F5	8	R	20510b
2		54.7	−37 38		9.5				
3	14620	54.7	−42 41	9.2	9.8	A2	5	..	39673b
4	13680	54.7	−44 45	9.9	10.6	G5	2	..	39673b
5	12778	54.7	−50 15	8.9	9.9	F8	3	..	19920b
6	9773	54.7	−53 10	8.4	8.5	F8	6	..	19920b
7	9379	54.7	−56 41	9.0	9.8	K2	2	..	39686b
8	7699	54.7	−58 44	8.5	9.6	Mc	3	..	39686b
9	3544	54.8	+42 15	8.7	*10.1*	Ma	..	..	M
10	3872	54.8	+22 50	5.70	*5.98*	Fo	9	0,9	39465i
11	4075	54.8	+11 37	9.5	*9.5*	Ao	5	..	21771b
12	*4304*	54.8	+ 5 1	9.3	*9.7*	F5	3	..	17057b
13	4219	54.8	+ 3 45	8.5	*9.5*	Ko	3	..	17051b
14	4217	54.8	+ 3 28	8.9	*8.9*	Ao	5	..	17057b
15	4379	54.8	+ 0 23	8.6	*9.7*	K2	2	..	20397b
16	*5331*	54.8	− 5 57	9.2	*10.2*	Ko	2	0,1	40604b
17	*5316*	54.8	− 8 57	8.3	*9.1*	G5	6	..	40909b
18	15741	54.8	−24 28	8.8	9.6	G5	3	..	40624b
19	14712	54.8	−26 30	7.78	8.4	A2	8	..	40712b
20	14464	54.8	−27 0	9.6	9.4	A2	3	..	40712b
21	13481	54.8	−37 53	10.6	10.2	F5	1	..	20510b
22	13746	54.8	−43 5	9.0	10.1	Ma	3	..	39673b
23	13747	54.8	−43 13	9.9	10.1	Ao	4	..	39673b
24	13211	54.8	−47 35	11.0	10.6	Ao	2	..	39668b
25	6130	54.8	−62 31	*9.0*	9.4	F5	7	..	40422b
26	2761	54.8	−70 1	9.39	10.4	Ma	1	..	20541b
27	*2152*	54.9	+60 1	7.86	*8.86*	Ko	2	0,3	37970i
28	2818	54.9	+46 31	8.7	*8.8*	A3	5	..	5816m
29	3021	54.9	+45 53	9.3	*10.4*	K2	2	..	5816m
30	3302	54.9	+44 50	8.9	*10.3*	Ma	3	..	5816m
31	3431	54.9	+43 50	9.6	*10.0*	F5	3	..	5816m
32	3703	54.9	+37 50	6.28	*6.16*	B5	..	2,9	56,98
33	3794	54.9	+36 40	8.2	*8.2*	A	2	..	37891i
34	3819	54.9	+34 48	9.0	*9.0*	Ao	1	..	37890i
35	4050	54.9	+25 43	8.4	*9.6*	K5	1	..	38016i
36	4305	54.9	+ 4 11	8.7	*9.1*	F5	6	..	17057b
37	5478	54.9	−16 9	7.09	*7.51*	F5	8	..	40578b
38	5561	54.9	−18 14	9.9	*10.4*	F8	2	..	39412b
39	R	54.9	−22 54	8.0	8.8	Ko	6	..	40624b
40	14651	54.9	−33 13	9.3	10.8	Ko	1	..	40902b
41	*13484*	54.9	−36 57	7.52	8.7	K2	7	..	20510b
42	13812	54.9	−38 18	8.6	10.7	Ko	2	..	20510b
43	13565	54.9	−39 11	9.2	10.1	F5	3	..	20510b
44	13212	54.9	−47 46	11.6	11.5	Ko	1	..	39668b
45	12961	54.9	−49 16	10.6	10.5	A2	2	..	39668b
46	9291	54.9	−55 31	8.7	8.9	Ao	5	..	39686b
47	6446	54.9	−61 9	9.1	10.8	K2	1	..	40422b
48	6447	54.9	−61 40	9.0	9.9	F8	3	..	40422b
49	3349	54.9	−68 52	*10.0*	11.0	Ko	1	..	20541b
50	1406	54.9	−77 22	*7.9*	9.0	K2	4	..	42793b
51	*2936*	55.0	+51 2	8.0	*8.0*	Ao	4	..	37392i
52	2819	55.0	+46 24	8.3	*8.7*	F5	3	0,8	37349i
53	3432	55.0	+43 27	9.3	*10.3*	Ko	3	..	5816m
54	4391	55.0	+ 6 56	8.3	*8.3*	Ao	7	..	21771b
55	4390	55.0	+ 6 32	10.5	*10.5*	Ao	2	..	21771b
56	*4221*	55.0	+ 4 1	10.1	*11.1*	Ko	1	..	17057b
57	4220	55.0	+ 3 33	9.5	*10.5*	Ko	1	..	17057b
58	4055	55.0	+ 2 22	9.8	*10.3*	F8	1	..	17057b
59	4054	55.0	+ 2 19	9.0	*9.5*	F8	5	..	17057b
60	3895	55.0	− 0 49	9.3	*10.5*	K5	1	..	20397b
61	5191	55.0	− 8 47	10.1	*10.5*	F5	2	..	40909b
62	5479	55.0	−16 9	9.1	*10.1*	Ko	2	..	39412b
63	5823	55.0	−17 22	10.1	*10.6*	F8	2	..	39412b
64	5564	55.0	−18 14	9.2	*10.2*	Ko	2	..	39412b
65	5563	55.0	−18 34	8.5	*9.9*	Ma	4	..	39412b
66	14715	55.0	−26 20	9.8	9.6	Ao	3	..	40712b
67	14090	55.0	−34 23	8.6	9.2	Ko	3	..	40902b
68	13483	55.0	−37 8	8.6	8.9	F5	7	..	20510b
69	13813	55.0	−38 41	8.1	9.5	K2	5	..	20510b
70	13568	55.0	−39 52	9.3	9.8	A5	5	..	20510b
71	13811	55.0	−41 17	9.2	9.8	F8	6	..	39673b
72	2762	55.0	−70 28	*8.3*	8.4	A2	7	..	20541b
73	1399	55.1	+64 51	9.8	*10.1*	F2	2	..	37333i
74	3895	55.1	+35 13	6.78	*6.78*	Ao	8	..	37891i
75	3574	55.1	+27 14	6.88	*7.95*	K2	3	..	38016i
76	3751	55.1	+26 9	8.7	*8.7*	A	1	..	38794i
77	3858	55.1	+23 10	9.1	*9.1*	Ao	1	..	38016i
78	4393	55.1	+ 6 40	8.0	*8.3*	Fo	7	..	21771b
79	4392	55.1	+ 6 26	8.0	*8.0*	B9	6	..	21771b
80	4056	55.1	+ 2 56	10.5	*10.5*	Ao	2	..	17057b
81	13614	55.1	−40 52	10.3	11.0	A2	2	..	39673b
82	13812	55.1	−41 22	10.6	11.8	Ko	1	..	39673b
83	13343	55.1	−46 13	8.0	9.5	Ko	5	..	39668b
84	12780	55.1	−50 19	8.6	10.2	K2	3	..	19920b
85	7701	55.1	−58 19	*9.9*	10.7	G5	1	..	39686b
86	..	55.1	−64 24	..	..	Ko	1	..	40422b
87	1056	55.1	−79 24	7.36	8.1	G5	6	..	21397b
88	883	55.1	−81 8	*8.8*	9.1	F2	5	..	21397b
89	2820	55.2	+46 24	9.0	*10.0*	Ko	4	..	5816m
90	..	55.2	+44 41	..	..	Fo	1	..	5816m
91	3433	55.2	+43 35	10.0	*10.0*	Ao	3	..	5816m
92	3708	55.2	+37 28	8.6	*8.9*	Fo	2	..	37891i
93	4055	55.2	+25 25	8.4	*8.5*	A5	3	..	38016i
94	4131	55.2	+10 52	8.9	*10.1*	K5	1	..	21771b
95	4328	55.2	+ 7 8	8.6	*8.6*	B9	5	..	21771b
96	4222	55.2	+ 3 22	9.0	*9.1*	A2	5	..	17057b
97	4223	55.2	+ 3 11	9.1	*10.5*	Ma	1	..	37590b
98	5194	55.2	−11 45	8.3	*9.5*	K5	3	..	16854b
99	*5480*	55.2	−15 59	8.9	*9.5*	Go	3	..	40578b
100	14093	55.2	−34 52	7.98	8.9	Ko	4	..	40902b

189500 **$19^h\ 55^m.2$**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13486	55.2	−37 48	9.3	9.2	Ao	4	..	20510b
2	13686	55.2	−44 44	7.86	7.6	Ao	9	..	39673b
3	13346	55.2	−46 10	10.1	10.6	F8	2	..	39668b
4	3022	55.3	+45 8	8.60	*9.67*	K2	3	..	5816m
5	3958	55.3	+24 27	8.2	*8.8*	Go	3	..	38016i
6	4078	55.3	+11 32	8.9	*10.0*	K2	4	..	21771b
7	4132	55.3	+10 55	8.5	*8.5*	A	2	R	10153b
8	4133	55.3	+10 55	8.5	*8.5*	A			
9	4329	55.3	+ 7 30	7.7	*8.1*	F5	8	..	21771b
10	*4395*	55.3	+ 7 1	7.7	*7.7*	B9	8	..	21771b
11	4168	55.3	+ 1 26	7.5	*8.3*	G5	8	..	17057b
12	5194	55.3	− 8 24	10.1	*10.9*	G5	1	..	40909b
13	5595	55.3	−21 44	8.3	8.5	Fo	8	..	40624b
14	13852	55.3	−35 53	9.3	9.9	K5	1	..	20510b
15	13753	55.3	−43 46	9.2	10.1	K2	4	..	39673b
16	*13388*	55.3	−47 58	11.0	11.6	F8	1	..	39668b
17	12345	55.3	−51 7	9.7	10.5	A5	2	..	19920b
18	9574	55.3	−54 24	9.1	9.5	F8	3	..	19920b
19	9575	55.3	−54 34	9.1	9.7	Go	3	..	19920b
20	7361	55.3	−60 51	*9.6*	10.8	K5	1	..	40422b
21	4021	55.3	−64 6	*9.8*	10.4	Go	2	..	40422b
22	4020	55.3	−64 51	*10.3*	10.9	Go	2	..	39282b
23	3468	55.3	−66 37	*10.5*	11.0	F8	1	..	20541b
24	*761*	55.4	+77 2	9.3	*9.4*	A3	4	2,3 R	6443m
25	*1418*	55.4	+66 2	8.6	*9.0*	F5	2	..	37333i
26	3303	55.4	+44 42	9.5	*9.6*	A5	4	..	5816m
27	3435	55.4	+43 25	9.8	*9.8*	Ao	3	..	5816m
28	3898	55.4	+35 16	7.92	*7.90*	B9	3	..	37890i
29	3676	55.4	+33 47	9.5	*9.5*	B9	1	..	37890i
30	*4182*	55.4	+18 4	8.0	*8.1*	A2	3	..	38809i
31	4331	55.4	+ 7 21	8.7	*9.7*	Ko	3	..	21771b
32	*4396*	55.4	+ 7 5	8.3	*8.9*	Go	6	..	21771b
33	*4058*	55.4	+ 3 4	6.79	*7.57*	G5	7	..	17057b
34	*5163*	55.4	− 1 56	9.7	*10.8*	K2	1	..	20397b
35	5195	55.4	− 8 6	9.5	*10.0*	F8	2	..	40909b
36	5321	55.4	− 9 44	10.1	*10.1*	Ao	2	..	40909b
37	5197	55.4	−11 49	9.2	*10.4*	K5	1	..	16854b
38	5828	55.4	−17 29	10.1	*10.4*	F2	2	..	39412b
39	5827	55.4	−17 41	9.2	*9.7*	F8	2	..	39412b
40	5597	55.4	−21 50	9.2	9.8	Ko	3	..	40624b
41	16729	55.4	−29 48	10.1	10.2	Ao	2	..	40716b
42	17569	55.4	−30 4	9.13	9.9	K5	1	..	40902b
43	14656	55.4	−33 13	8.3	8.4	A2	7	..	40902b
44	13571	55.4	−39 48	9.0	10.7	G5	3	..	20510b
45	9584	55.4	−57 0	9.2	9.1	Go	4	..	39686b
46	7568	55.4	−59 17	9.2	9.9	Ko	1	..	39686b
47	..	55.5	+76 45	..	..	A	1	..	6443m
48	*3548*	55.5	+43 1	9.1	*9.1*	Ao	5	..	5816m
49	3876	55.5	+31 50	8.4	*9.2*	G5	3	..	37890i
50	4236	55.5	+19 37	8.5	*8.3*	B2	4	..	37235i
51	4079	55.5	+11 41	8.6	*8.7*	A2	7	..	21771b
52	4361	55.5	+ 9 28	9.5	*9.5*	Ao	3	..	21771b
53	4332	55.5	+ 7 49	8.9	*10.0*	K2	2	..	21771b
54	4060	55.5	+ 2 43	9.5	*9.6*	A3	4	..	17057b
55	*4169*	55.5	+ 2 6	9.8	*10.3*	F8	1	..	17057b
56	5196	55.5	− 8 43	9.2	*9.3*	A5	5	..	40909b
57	5614	55.5	−12 3	10.1	*10.1*	Ao	1	..	16854b
58	5613	55.5	−12 31	7.64	*8.20*	Go	8	..	16854b
59	5613	55.5	−14 13	7.16	*8.16*	Ko	6	..	16854b
60	5481	55.5	−16 51	8.9	*9.5*	Go	3	..	40578b
61	15935	55.5	−23 1	6.08	7.2	G5	5	5,10	8385b
62	*13853*	55.5	−34 58	8.34	9.5	K5	2	..	40902b
63	13568	55.5	−45 28	6.76	7.8	Ko	10	..	39673b
64	9579	55.5	−54 49	8.4	9.1	Ao	5	..	19920b
65	6131	55.5	−62 36	*8.7*	9.5	G5	5	..	40422b
66	3839	55.5	−65 38	*8.7*	9.5	G5	6	..	40422b
67	3703	55.5	−67 35	6.02	7.1	G5	..	5, R	**28**,215
68	3350	55.5	−68 43	*9.3*	10.1	G5	2	..	20541b
69	3086	55.5	−69 0	*9.6*	10.4	G5	2	..	20541b
70	1870	55.5	−74 52	*8.6*	9.1	F8	2	..	45404b
71	2260	55.6	+54 53	8.6	*9.0*	F5	2	..	37971i
72	2332	55.6	+53 39	8.7	*9.5*	G5	2	..	37971i
73	2966	55.6	+47 47	8.1	*8.1*	Ao	4	0,2	37349i
74	3850	55.6	+38 36	7.6	*7.6*	Ao	4	..	37891i
75	4187	55.6	+17 22	8.7	*9.1*	F5	3	..	37235i
76	4185	55.6	+17 20	7.07	*8.07*	Ko	3	..	37235i
77	4183	55.6	+17 15	5.56	*6.91*	Mb	7	0,8	38809i
78	4125	55.6	+14 37	8.1	*8.6*	F8	2	..	37908i
79	4375	55.6	+ 5 40	10.1	*10.1*	B8	2	..	21771b
80	4376	55.6	+ 5 29	9.8	*9.9*	A2	1	..	21771b
81	*4382*	55.6	+ 1 5	8.74	*10.09*	Ma	4	0,2	37590b
82	4992	55.6	− 4 35	7.60	*8.67*	K2	5	..	20397b
83	13620	55.6	−40 16	9.3	10.7	Ko	2	..	39673b
84	13817	55.6	−41 48	9.3	9.5	Ko	5	..	39673b
85	13691	55.6	−44 30	8.9	9.8	G5	4	..	39673b
86	13389	55.6	−48 15	10.3	10.8	A3	4	..	39668b
87	12964	55.6	−49 10	9.2	9.9	Go	6	..	39668b
88	2487	55.6	−72 24	*9.9*	9.9	Ao	2	..	42475b
89	694	55.7	+78 22	7.80	*8.98*	K5	2	..	37224i
90	2291	55.7	+55 57	8.5	*9.5*	Ko	1	..	37971i
91	*3023*	55.7	+46 6	9.8	*10.8*	Ko	2	..	5816m
92	3305	55.7	+44 29	10.3	*11.1*	G5	2	..	5816m
93	3436	55.7	+43 36	10.3	*10.4*	A2	2	..	5816m
94	3902	55.7	+35 37	8.4	*9.5*	K2	3	..	37890i
95	3825	55.7	+34 13	8.6	*9.6*	K	1	..	37891i
96	3658	55.7	+32 37	7.6	*7.6*	B9	6	..	37890i
97	3845	55.7	+30 38	8.0	*8.0*	Ao	4	0,2	37890i
98	4184	55.7	+12 49	7.7	*8.0*	F2	5	2,8	38900i
99	4081	55.7	+11 47	9.0	*10.2*	K5	2	..	21771b
100	4295	55.7	+ 8 28	9.3	*9.4*	A3	5	..	21771b

189600 — $19^h\,55^m.7$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4296	55.7	+ 8 11	9.8	*11.2*	Ma	2	..	37599b
2	4377	55.7	+ 5 16	9.5	*9.5*	Ao	1	..	21771b
3	4171	55.7	+ 1 12	8.99	*9.07*	A3	6	..	17057b
4	3879	55.7	− 1 53	9.37	*10.37*	Ko	1	R	20397b
5	5141	55.7	− 7 39	10.8	..	Nb	..	..	M
6	5617	55.7	−12 7	8.9	*9.9*	Ko	4	..	16854b
7	5534	55.7	−15 1	7.85	*7.91*	A2	6	..	16854b
8	5532	55.7	−15 30	9.2	*9.3*	A2	2	..	40578b
9	11606	55.7	−52 42	8.6	9.3	A2	6	..	19920b
10	615	55.7	−84 22	*9.0*	10.2	K5	2	..	21397b
11	2292	55.8	+55 38	8.2	*8.2*	Ao	3	..	37971i
12	3437	55.8	+43 19	9.1	*10.1*	Ko	3	..	5816m
13	3878	55.8	+31 33	6.69	*6.69*	Ao	7	..	37890i
14	3962	55.8	+24 54	7.61	*7.61*	Ao	6	..	38016i
15	4188	55.8	+17 39	8.5	*8.5*	Ao	2	..	38809i
16	4082	55.8	+11 35	9.1	*9.1*	Ao	4	..	21771b
17	4365	55.8	+ 9 55	10.5	*11.6*	K2	1	..	21771b
18	4363	55.8	+ 9 46	10.5	*11.6*	K2	1	..	21771b
19	3880	55.8	− 1 17	9.1	*9.5*	F5	4	..	20397b
20	4994	55.8	− 4 4	8.7	*8.7*	Ao	6	..	20397b
21	5144	55.8	− 7 6	9.5	*10.1*	Go	2	..	40909b
22	5143	55.8	− 7 21	9.7	*10.5*	G5	1	..	40909b
23	5199	55.8	− 8 19	10.1	*10.1*	Ao	3	..	40909b
24	5199	55.8	−11 3	7.62	*7.62*	Ao	8	..	40909b
25	5832	55.8	−17 8	7.42	*7.98*	Go	7	..	40578b
26	*5569*	55.8	−17 56	10.1	*10.7*	Go	2	..	39412b
27	5306	55.8	−22 23	8.1	8.6	F8	7	..	40624b
28	17252	55.8	−31 15	8.6	9.6	Fo	2	..	40902b
29	14659	55.8	−33 17	10.1	10.0	F8	2	..	40902b
30	13819	55.8	−38 21	9.9	10.2	F8	2	..	20510b
31	13822	55.8	−41 42	7.54	7.6	Fo	9	..	39673b
32	14628	55.8	−42 27	9.5	11.8	K2	1	..	39673b
33	13693	55.8	−44 13	9.7	9.9	G5	4	..	39673b
34	1058	55.8	−79 32	*8.9*	10.1	K5	2	..	42793b
35	1773	55.9	+62 36	7.38	*7.66*	Fo	6	..	37333i
36	*2821*	55.9	+47 5	7.61	*8.61*	Ko	8	0,3-	5816m
37	..	55.9	+44 35	..	..	F	1	..	5816m
38	4058	55.9	+25 40	7.50	*8.57*	K2	3	..	38016i
39	4174	55.9	+ 1 53	9.3	*9.3*	Ao	2	..	17057b
40	5323	55.9	− 9 8	9.2	*10.4*	K5	2	..	40909b
41	5618	55.9	−12 23	9.2	*10.4*	K5	1	..	16854b
42	15939	55.9	−23 24	9.6	10.3	K2	1	..	40712b
43	16347	55.9	−28 16	8.0	8.7	Ko	4	..	40716b
44	16348	55.9	−28 29	9.0	9.9	K5	1	..	40716b
45	13857	55.9	−35 33	8.9	9.9	K2	1	..	40902b
46	13846	55.9	−36 16	8.9	9.5	K2	1	..	20510b
47	13574	55.9	−39 37	9.2	9.2	Ao	7	..	20510b
48	13354	55.9	−46 42	9.2	9.9	F8	4	..	39668b
49	13218	55.9	−47 34	11.0	10.9	Go	1	..	39668b
50	9387	55.9	−56 44	8.1	8.2	Fo	7	..	39686b
51	9587	55.9	−57 5	8.8	9.5	G5	4	..	39686b
52	687	56.0	+81 19	8.00	*8.28*	Fo	4	..	37294i
53	2059	56.0	+60 18	8.2	*8.2*	Ao	4	..	38795i
54	2822	56.0	+46 23	9.8	*10.2*	F5	3	..	5816m
55	3306	56.0	+44 51	10.0	*10.1*	A2	2	..	5816m
56	3879	56.0	+31 34	8.1	*9.5*	Ma	2	..	16254m
57	3884	56.0	+22 10	8.0	*8.0*	Ao	3	..	37235i
58	4127	56.0	+14 33	8.5	*9.1*	Go	1	..	37908i
59	4137	56.0	+10 45	8.3	*8.3*	B9	7	..	21771b
60	4367	56.0	+ 9 11	8.5	*8.9*	F5	8	..	21771b
61	4299	56.0	+ 8 47	8.1	*9.2*	K2	5	..	21771b
62	4334	56.0	+ 7 43	7.5	*7.5*	Ao	9	..	21771b
63	4333	56.0	+ 7 28	9.5	*10.3*	G5	2	..	21771b
64	*4226*	56.0	+ 4 2	9.8	*10.8*	Ko	1	..	17057b
65	5324	56.0	− 9 46	7.41	*7.47*	A2	8	..	40909b
66	5834	56.0	−17 25	10.4	*10.4*	Ao	2	..	39412b
67	13571	56.0	−45 8	9.5	10.4	Ko	2	..	39673b
68	3024	56.1	+45 26	9.5	*10.5*	Ko	2	..	5816m
69	3307	56.1	+44 18	9.8	*10.4*	Go	3	..	5816m
70	3439	56.1	+43 59	8.7	*9.7*	Ko	5	..	5816m
71	4060	56.1	+25 55	6.59	*7.59*	Ko	7	..	38016i
72	4096	56.1	+16 43	8.5	*8.6*	A2	2	..	38900i
73	4128	56.1	+14 29	8.4	*9.5*	K2	1	..	37908i
74	4085	56.1	+11 51	9.8	*9.9*	A5	2	..	21771b
75	4084	56.1	+11 39	10.5	*10.8*	Fo	1	..	21771b
76	4335	56.1	+ 7 8	8.4	*8.4*	B9	7	..	21771b
77	4062	56.1	+ 2 51	10.1	*10.1*	Ao	3	..	17057b
78	*4385*	56.1	+ 1 3	9.09	*9.59*	F8	3	..	17057b
79	5835	56.1	−17 49	7.67	*7.73*	A2	8	..	39412b
80	14107	56.1	−34 4	9.3	10.1	F5	1	..	40902b
81	14104	56.1	−34 8	8.6	9.2	G5	3	..	40902b
82	3469	56.1	−66 43	*10.5*	10.6	A2	3	..	20541b
83	649	56.2	+79 20	9.3	*9.4*	A5	2	..	38512i
84	3025	56.2	+45 30	5.80	*5.86*	A2	7	..	37349i
85	3308	56.2	+44 14	9.8	*10.6*	G5	2	..	5816m
86	3440	56.2	+43 18	9.8	*10.6*	G5	1	..	5816m
87	3806	56.2	+36 46	5.15	*4.98*	B3	..	0,10	56,98
88	*3830*	56.2	+35 0	7.87	*9.05*	K5	1	..	37890i
89	3662	56.2	+32 31	7.21	*7.19*	B9	7	..	37890i
90	3838	56.2	+29 38	7.26	*7.26*	Ao	5	0,3	37890i
91	4373	56.2	+20 13	8.45	*9.45*	Ko	1	..	38809i
92	*4189*	56.2	+13 6	7.10	*7.10*	Ao	8	1,8	38900i
93	4086	56.2	+11 27	9.1	*9.2*	A3	7	..	21771b
94	4368	56.2	+ 9 43	10.5	*10.6*	A2	2	..	21771b
95	4300	56.2	+ 8 17	6.08	*7.15*	K2	10	..	21771b
96	4380	56.2	+ 5 23	9.8	*9.8*	Ao	2	..	21771b
97	4175	56.2	+ 1 10	8.19	*9.26*	K2	5	..	17057b
98	5680	56.2	−19 23	7.52	7.7	F5	7	0,8-	40578b
99	13765	56.2	−43 33	9.7	11.0	K5	1	..	45073b
100	13221	56.2	−47 24	11.0	10.9	F5	2	..	39668b

189700 — 19h 56m.2

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	2530	56.2	−71 5	*8.5*	9.5	Ko	3	..	42475b
2	2945	56.3	+50 23	7.42	*8.42*	Ko	4	..	37392i
3	*3147*	56.3	+50 1	9.37	*9.43*	A2	3	..	37392i
4	3309	56.3	+44 32	9.5	*9.6*	A5	3	..	5816m
5	*3683*	56.3	+34 6	8.8	*8.8*	A	1	..	37891i
6	3839	56.3	+29 32	7.50	*7.50*	Ao	3	..	37890i
7	4088	56.3	+11 24	9.8	*10.9*	K2	1	..	21771b
8	4139	56.3	+10 18	9.37	*9.43*	A2	4	..	21771b
9	4140	56.3	+10 8	9.41	*9.41*	Ao	3	..	21771b
10	*4370*	56.3	+10 2	9.12	*10.30*	K5	1	..	21771b
11	4369	56.3	+ 9 14	8.7	..	Nb	2	R	21771b
12	4381	56.3	+ 5 22	7.56	*7.98*	F5	9	..	21771b
13	4998	56.3	− 4 6	9.1	*9.7*	Go	2	..	20397b
14	5339	56.3	− 6 39	8.96	*10.03*	K2	3	..	40909b
15	5146	56.3	− 7 27	8.7	*8.8*	A3	4	..	40909b
16	5570	56.3	−18 11	9.2	*10.2*	Ko	1	..	39412b
17	15942	56.3	−23 46	10.3	10.0	Go	2	..	40712b
18	16351	56.3	−28 13	9.6	9.4	F8	3	..	40716b
19	13767	56.3	−43 12	7.4	8.0	F2	9	..	39673b
20	6132	56.3	−62 22	*10.1*	11.2	K2	1	..	40422b
21	4561	56.3	−63 20	*7.7*	7.8	A2	9	..	40422b
22	..	56.3	−64 25	..	..	A5	2	..	39282b
23	1572	56.3	−75 2	7.20	8.4	Ko	8	..	42793b
24	2060	56.4	+60 34	7.36	*8.14*	G5	4	..	38795i
25	2262	56.4	+54 53	8.7	*9.9*	K5	1	..	37971i
26	2823	56.4	+46 36	10.3	*10.9*	G	2	..	5816m
27	3442	56.4	+43 19	8.5	*8.5.*	B9	3	0,9	37349i
28	3990	56.4	+39 15	8.6	*8.6*	Ao	4	..	37891i
29	3963	56.4	+24 57	8.8	*8.8*	B9	3	..	38016i
30	3964	56.4	+24 14	9.0	*9.0*	Ao	1	..	38016i
31	3867	56.4	+23 52	7.8	*8.6*	G5	3	..	38016i
32	3868	56.4	+23 31	7.32	*7.30*	B9	7	..	38016i
33	3887	56.4	+22 27	7.6	*8.4*	G5	1	..	37235i
34	4090	56.4	+11 42	9.1	*10.1*	Ko	3	..	21771b
35	4341	56.4	+ 7 42	9.5	*9.6*	A2	4	..	21771b
36	4178	56.4	+ 1 17	9.24	*10.42*	K5	1	..	17057b
37	4179	56.4	+ 1 9	9.5	*9.5*	Ao	2	..	17057b
38	4386	56.4	+ 0 23	8.9	*10.0*	K2	2	..	20397b
39	*5168*	56.4	− 1 57	9.2	*9.8*	Go	5	..	20397b
40	*5249*	56.4	− 9 56	9.01	*10.19*	K5	1	..	40909b
41	*5618*	56.4	−13 55	5.76	*5.82*	A2	..	0,10	56,145
42	5535	56.4	−15 21	9.5	*10.5*	Ko	2	..	39412b
43	5600	56.4	−21 22	8.3	9.1	Ao	6	..	39412b
44	13580	56.4	−39 36	8.9	9.8	Ao	5	..	20510b
45	13577	56.4	−45 9	10.1	9.9	G5	3	..	39673b
46	13392	56.4	−48 1	9.9	11.6	G5	1	..	39668b
47	9582	56.4	−54 27	8.5	9.1	K2	4	..	19920b
48	888	56.5	+73 39	10.0	*10.4*	F5	2	..	6443m
49	1774	56.5	+62 41	8.7	*9.3*	G	3	..	37333i
50	3311	56.5	+44 15	8.8	*9.8*	Ko	6	*5,3*	5816m
51	3807	56.5	+36 8	7.01	*8.01*	Ko	4	..	37891i
52	3667	56.5	+32 27	8.4	*9.5*	K2	2	..	37890i
53	3758	56.5	+26 52	8.2	*9.4*	K5	1	..	38016i
54	4242	56.5	+19 44	7.9	*8.9*	Ko	4	..	37235i
55	4018	56.5	+15 45	8.6	*8.6*	Ao	2	..	37908i
56	4132	56.5	+14 16	7.03	*7.03*	Ao	7	..	37908i
57	4401	56.5	+ 6 40	8.3	*8.7*	F5	7	..	21771b
58	4227	56.5	+ 3 20	10.5	*10.5*	Ao	2	..	17057b
59	3899	56.5	− 0 29	7.04	*7.04*	Ao	10	..	20397b
60	*5169*	56.5	− 1 57	9.5	*10.1*	Go	4	..	20397b
61	5341	56.5	− 6 44	9.5	*10.1*	Go	2	..	40909b
62	5147	56.5	− 7 21	10.4	*10.5*	A5	1	..	40909b
63	*16355*	56.5	−27 59	4.60	6.7	Mb	..	R	28,215
64	16356	56.5	−28 40	10.1	9.0	G5	3	..	40716b
65	16357	56.5	−28 54	9.1	8.7	A2	4	..	40716b
66	13828	56.5	−41 15	10.8	10.7	Go	1	..	39673b
67	13702	56.5	−44 52	8.40	8.3	A2	8	..	39673b
68	13360	56.5	−46 24	10.1	10.1	F2	4	..	39668b
69	13223	56.5	−47 16	7.9	8.0	F5	8	..	39668b
70	13394	56.5	−48 54	10.6	11.1	Ao	2	..	39668b
71	12355	56.5	−51 30	9.1	10.8	Ma	1	..	19920b
72	7362	56.5	−60 32	*9.8*	10.8	Ko	2	..	39282b
73	6449	56.5	−61 47	*10.0*	11.1	K2	1	..	40422b
74	3351	56.5	−68 42	*8.9*	9.5	Go	5	..	20541b
75	2728	56.6	+51 47	6.02	*5.90*	B5	..	0,7	56,98
76	2824	56.6	+46 17	9.8	*10.3*	F8	3	..	5816m
77	*3832*	56.6	+35 4	7.87	*8.94*	K2	2	3,1	37890i
78	3833	56.6	+34 11	8.5	*8.5*	Ao	3	..	37891i
79	3844	56.6	+29 37	8.2	*8.2*	B9	3	..	38794i
80	4020	56.6	+15 12	8.14	*9.32*	K5	1	..	37908i
81	4134	56.6	+14 56	7.89	*8.03*	A5	3	..	37908i
82	4133	56.6	+14 33	7.39	*8.46*	K2	2	..	37908i
83	4143	56.6	+10 28	6.89	*7.23*	F2	7	3,10	38900i
84	4229	56.6	+ 3 51	10.5	*11.3*	G5	1	..	17057b
85	5342	56.6	− 6 31	8.9	*8.9*	Ao	4	..	40909b
86	5148	56.6	− 7 31	10.6	*10.6*	Ao	1	..	40909b
87	*5553*	56.6	−12 55	8.9	*9.3*	F5	4	..	16854b
88	13864	56.6	−35 36	7.5	9.2	Ko	6	..	40902b
89	13833	56.6	−41 8	10.1	11.8	K2	1	..	39673b
90	13397	56.6	−48 38	9.7	10.5	F8	3	..	39668b
91	12971	56.6	−49 31	10.3	10.5	F5	3	..	39668b
92	9585	56.6	−54 17	*9.0*	9.5	F8	2	..	19920b
93	6133	56.6	−62 28	*10.1*	11.3	K5	1	..	40422b
94	1573	56.6	−75 39	*9.1*	10.2	K2	1	..	42793b
95	3443	56.7	+43 56	8.9	*8.9*	Ao	6	..	5816m
96	3845	56.7	+29 33	8.1	*8.9*	G5	2	..	38794i
97	4343	56.7	+ 7 32	9.0	*9.1*	A2	5	..	21771b
98	4068	56.7	+ 2 59	8.4	*9.5*	K2	2	..	17057b
99	4389	56.7	+ 0 53	9.0	*10.0*	Ko	2	..	17057b
100	5343	56.7	− 6 36	9.5	*9.9*	F5	2	..	40909b

189800 — $19^h\,56^m.7$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5483	56.7	−16 47	9.9	*10.0*	A2	5	..	39412b
2	15945	56.7	−23 7	9.1	10.3	K5	2	..	40712b
3	9305	56.7	−55 24	8.4	8.9	F8	5	..	39686b
4	3705	56.7	−67 34	*10.4*	11.0	Go	2	..	20541b
5	446	56.8	+84 28	8.7	*9.3*	Go	2	..	37294i
6	3670	56.8	+32 40	8.8	*9.9*	K2	1	..	37890i
7	4191	56.8	+12 47	9.3	*9.3*	Ao	2	..	21771b
8	4093	56.8	+11 56	8.7	*8.8*	A5	6	..	21771b
9	4094	56.8	+11 39	9.0	*10.0*	Ko	4	..	21771b
10	4144	56.8	+10 36	9.8	*10.2*	F5	2	..	21771b
11	4314	56.8	+ 4 27	7.6	*8.7*	K2	4	..	14670b
12	5000	56.8	− 4 9	9.1	*9.1*	Ao	3	..	20397b
13	5149	56.8	− 7 39	9.5	*10.5*	Ko	1	..	40909b
14	5200	56.8	− 8 7	9.2	*10.3*	K2	1	..	40909b
15	5621	56.8	−12 14	9.1	*9.2*	A3	4	..	16854b
16	5574	56.8	−18 11	8.9	*9.5*	Go	3	..	39412b
17	15765	56.8	−24 20	10.3	9.9	Ao	3	..	40624b
18	2106	56.9	+57 32	7.08	*6.96*	B5	5	..	37971i
19	3028	56.9	+45 31	10.3	*10.4*	A3	2	..	5816m
20	3444	56.9	+43 17	9.6	*9.9*	F2	3	..	5816m
21	3562	56.9	+41 56	7.34	*8.34*	Ko	3	..	37349i
22	..	56.9	+12 26	..	..	A2	1	..	21771b
23	4386	56.9	+ 5 37	8.5	*8.5*	Ao	4	..	21771b
24	5137	56.9	− 5 6	8.8	*8.8*	Ao	5	..	20397b
25	5138	56.9	− 5 16	6.68	*6.68*	Ao	8	..	14149b
26	5623	56.9	−12 7	7.9	*9.0*	K2	5	..	16854b
27	5485	56.9	−16 9	8.1	*9.1*	Ko	6	..	39412b
28	5683	56.9	−19 25	8.8	9.8	Fo	4	..	39412b
29	14743	56.9	−26 19	7.5	8.1	Ao	7	..	40716b
30	13856	56.9	−36 53	7.00	7.1	A2	7	..	43220b
31	13828	56.9	−38 13	4.79	6.6	K5	..	..	**28**,215
32	13583	56.9	−39 8	6.90	7.4	Fop	..	5, R	**28**,215
33	13630	56.9	−40 15	8.3	9.8	K2	4	..	39673b
34	13705	56.9	−44 7	9.7	9.5	Ao	6	..	39673b
35	12973	56.9	−49 4	8.6	10.2	G5	5	..	39668b
36	7571	56.9	−59 49	8.32	9.4	K2	4	..	39686b
37	3470	56.9	−66 6	*8.5*	9.5	Ko	5	..	40422b
38	3471	56.9	−66 11	*9.9*	10.9	Ko	1	..	40422b
39	3090	56.9	−69 50	7.39	7.5	A2	9	..	20541b
40	2490	56.9	−72 28	*8.9*	9.0	A2	4	..	42475b
41	1213	57.0	+67 22	8.9	*9.5*	Go	4	..	37333i
42	1583	57.0	+63 44	8.5	*9.5*	Ko	2	..	37333i
43	2156	57.0	+59 14	8.2	*9.2*	Ko	1	..	38795i
44	2947	57.0	+50 18	8.1	*9.1*	K	1	..	37392i
45	3862	57.0	+38 55	7.14	*7.14*	Ao	8	..	37891i
46	3673	57.0	+32 44	9.0	*9.0*	B9	3	..	37890i
47	3853	57.0	+30 57	6.71	*6.66*	B8	..	1,5-	**56**,98
48	3577	57.0	+28 51	8.1	*8.2*	A2	1	..	38493i
49	3587	57.0	+27 29	4.74	*4.88*	A5	..	2,10	**56**,98
50	3969	57.0	+24 25	8.8	*9.1*	Fo	1	..	38016i
51	4388	57.0	+ 5 23	8.5	*8.8*	Fo	5	..	21771b
52	5151	57.0	− 7 31	8.3	*9.5*	K5	2	..	40909b
53	*5557*	57.0	−12 59	8.2	*8.2*	Ao	7	..	16854b
54	13500	57.0	−37 48	6.91	7.6	Ko	..	0,6 R	**28**,215
55	13706	57.0	−44 55	8.45	9.5	Ko	5	..	39673b
56	13364	57.0	−46 4	9.9	11.0	G5	2	..	39668b
57	13226	57.0	−47 40	9.5	9.8	F8	5	..	39668b
58	12362	57.0	−51 2	9.1	10.2	F8	2	..	19920b
59	2734	57.1	+51 52	7.05	*8.40*	Mb	3	..	37392i
60	..	57.1	+46 21	..	..	Ao	1	..	5816m
61	*3030*	57.1	+46 3	10.0	*10.0*	Ao	2	..	5816m
62	3031	57.1	+45 11	9.6	*10.0*	F5	5	..	5816m
63	3447	57.1	+43 34	10.3	*10.9*	G	2	..	5816m
64	3816	57.1	+36 19	6.67	*6.65*	B9	9	..	37891i
65	4067	57.1	+25 24	8.8	*8.9*	A3	3	..	38016i
66	4373	57.1	+ 9 44	9.3	*10.3*	Ko	2	..	21771b
67	4390	57.1	+ 0 53	8.9	*9.0*	A2	3	..	17057b
68	5207	57.1	−11 51	8.7	*8.8*	A5	6	..	16854b
69	5603	57.1	−21 1	7.9	9.4	G5	5	..	39412b
70	15953	57.1	−23 31	9.6	10.0	F8	2	..	40712b
71	14515	57.1	−25 17	9.6	10.4	Ko	1	..	40712b
72	14747	57.1	−26 55	9.6	10.2	Ko	2	..	40716b
73	13858	57.1	−36 8	9.2	9.6	G5	3	..	20510b
74	13859	57.1	−36 20	7.19	8.2	Ko	7	..	40902b
75	11613	57.1	−52 1	8.8	9.9	A3	3	..	19920b
76	6135	57.1	−62 14	*10.0*	10.5	F8	1	..	40422b
77	1386	57.1	−76 10	*9.3*	9.9	Go	2	..	42793b
78	1775	57.2	+62 52	9.3	*10.1*	G5	2	..	37333i
79	2975	57.2	+47 40	8.1	*8.9*	G5	1	..	38477i
80	2825	57.2	+46 21	9.3	*10.4*	K2	2	..	5816m
81	*3032*	57.2	+46 3	9.3	*9.3*	Ao	6	..	5816m
82	..	57.2	+44 19	..	..	G5	1	..	5816m
83	3674	57.2	+32 17	9.2	*10.2*	Ko	1	..	37890i
84	3763	57.2	+26 54	7.38	*8.45*	K2	2	..	38016i
85	4103	57.2	+16 14	7.41	*7.69*	Fo	5	..	37908i
86	4194	57.2	+12 35	9.3	*9.3*	Ao	2	..	21771b
87	4098	57.2	+11 52	9.0	*10.1*	K2	2	..	21771b
88	*4406*	57.2	+ 7 2	9.3	*9.3*	Ao	4	..	21771b
89	5152	57.2	− 7 25	9.2	*10.2*	Ko	1	..	40909b
90	5332	57.2	− 9 52	9.26	*9.76*	F8	2	..	40909b
91	5539	57.2	−15 29	8.7	*8.7*	Ao	3	..	40578b
92	5487	57.2	−16 21	8.9	*8.9*	Ao	7	..	39412b
93	5578	57.2	−18 49	7.57	*8.13*	Go	9	..	39412b
94	13585	57.2	−39 6	10.3	10.1	G5	2	..	20510b
95	13632	57.2	−40 12	8.6	8.6	A2	7	..	39673b
96	13401	57.2	−48 43	9.7	10.8	G5	2	..	39668b
97	3706	57.2	−67 9	*10.3*	10.9	Go	1	..	20541b
98	2535	57.2	−71 6	7.7	8.7	Ko	5	..	42475b
99	1874	57.2	−74 30	7.3	7.8	F8	7	..	42475b
100	1584	57.3	+63 16	5.96	*5.96*	Ao	10	..	37333i

189900 — 19h 57m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3723	57.3	+37 25	8.6	*8.5*	B5	4	..	37891i
2	4382	57.3	+20 54	8.8	*8.8*	A	2	R	37235i
3	4374	57.3	+ 9 53	10.5	*10.5*	B8	1	..	21771b
4	4305	57.3	+ 8 26	10.5	*11.5*	Ko	1	..	21771b
5	*4407*	57.3	+ 7 1	9.0	*10.0*	Ko	3	..	21771b
6	4072	57.3	+ 2 41	10.1	*10.7*	Go	1	..	17057b
7	3884	57.3	− 1 7	9.1	*9.9*	G5	3	..	20397b
8	5345	57.3	− 6 39	9.9	*10.7*	G5	1	..	40909b
9	15954	57.3	−23 55	10.1	10.0	G5	2	..	40712b
10	14516	57.3	−25 26	9.8	9.9	A3	2	..	40712b
11	13777	57.3	−43 12	9.0	9.8	G5	4	..	39673b
12	7572	57.3	−59 31	9.1	9.9	Ko	3	..	39686b
13	4022	57.3	−64 46	*9.4*	10.4	Ko	2	..	40422b
14	3840	57.3	−65 7	*8.5*	9.5	Ko	6	..	40422b
15	2826	57.4	+46 23	9.5	*9.6*	A2	5	..	5816m
16	3033	57.4	+45 55	9.8	*9.9*	A3	2	..	5816m
17	3449	57.4	+43 56	10.3	*10.4*	A2	2	..	5816m
18	3690	57.4	+33 38	8.7	*10.1*	Mc	..	..	M
19	*4359*	57.4	+19 1	9.1	*9.1*	A	1	..	37235i
20	*4100*	57.4	+12 3	9.3	*9.4*	A2	5	..	21771b
21	4147	57.4	+10 26	6.80	*6.68*	B5	7	0,10	38900i
22	4184	57.4	+ 1 29	9.8	*10.3*	F8	2	..	17057b
23	4771	57.4	− 3 37	8.18	*8.96*	G5	5	..	20397b
24	5140	57.4	− 5 48	9.1	*9.4*	F2	2	..	40909b
25	5335	57.4	− 9 14	9.5	*10.1*	Go	2	..	40909b
26	5839	57.4	−17 38	7.61	*8.61*	Ko	7	..	39412b
27	5581	57.4	−18 31	7.72	*8.14*	F5	9	..	39412b
28	17268	57.4	−31 32	8.8	10.7	Ao	2	..	40902b
29	15674	57.4	−32 22	9.3	10.7	F5	1	..	40902b
30	13504	57.4	−37 12	7.9	9.0	G5	6	..	20510b
31	13832	57.4	−38 9	6.92	7.0	Go	..	0,10	28,215
32	13778	57.4	−43 20	9.5	10.6	Ko	2	..	39673b
33	13588	57.4	−45 19	10.1	9.9	F5	3	..	39673b
34	12800	57.4	−50 2	8.42	9.3	Fo	6	..	19920b
35	9306	57.4	−55 0	8.88	9.1	F5	4	..	19920b
36	7364	57.4	−60 22	*9.9*	10.0	A2	3	..	39686b
37	3707	57.4	−67 2	*9.8*	9.9	A2	4	..	20541b
38	*2298*	57.5	+56 2	8.9	*9.2*	F2	1	..	37971i
39	*2827*	57.5	+47 5	9.3	*9.6*	Fo	6	..	5816m
40	3034	57.5	+45 48	9.6	*10.6*	Ko	2	..	5816m
41	3865	57.5	+38 26	8.4	*8.5*	A2	2	..	37891i
42	3820	57.5	+36 49	6.39	*7.39*	Ko	7	..	37891i
43	3857	57.5	+29 56	8.1	*9.1*	Ko	2	..	38493i
44	3975	57.5	+24 31	5.75	*5.70*	B8	10	..	38016i
45	4230	57.5	+ 3 19	9.5	*10.0*	F8	1	..	17057b
46	5154	57.5	− 7 18	9.1	*9.7*	Go	4	..	40909b
47	5336	57.5	− 9 7	8.5	*9.5*	Ko	4	..	40909b
48	5337	57.5	− 9 19	7.9	*8.4*	F8	9	..	40909b
49	16756	57.5	−29 18	10.3	10.5	Ao	1	..	40716b
50	13588	57.5	−39 11	10.6	10.2	F8	2	..	20510b
51	13590	57.5	−45 14	7.80	8.4	A5	9	..	39673b
52	13404	57.5	−48 26	8.6	10.5	Ko	5	..	39668b
53	11614	57.5	−52 51	9.1	10.2	A5	3	..	19920b
54	*9782*	57.5	−52 59	8.6	8.5	A3	7	..	19920b
55	6450	57.5	−61 29	*9.5*	10.5	Ko	1	..	40422b
56	1776	57.6	+62 47	8.5	*9.5*	Ko	4	..	37333i
57	3569	57.6	+41 43	7.73	*7.56*	B3	4	..	37349i
58	3977	57.6	+40 49	8.0	*9.1*	K2	3	..	34242i
59	4003	57.6	+39 15	8.6	*8.6*	A	2	..	37891i
60	3764	57.6	+26 59	8.7	*8.7*	Ao	1	..	38016i
61	4185	57.6	+ 1 41	8.5	*8.5*	Ao	4	..	17057b
62	*3885*	57.6	− 0 54	8.7	*9.7*	Ko	5	..	20397b
63	5346	57.6	− 6 43	9.5	*9.5*	Ao	1	..	40909b
64	*5205*	57.6	− 7 58	8.43	*8.99*	Go	6	..	40909b
65	15955	57.6	−23 14	8.2	9.1	Ko	5	..	40624b
66	15776	57.6	−24 52	8.8	9.9	A5	3	..	40712b
67	13861	57.6	−36 26	9.3	9.9	G5	2	..	20510b
68	13779	57.6	−43 51	8.4	8.6	F2	8	..	39673b
69	13406	57.6	−48 54	10.1	10.5	A5	4	..	39668b
70	9308	57.6	−55 38	9.2	10.3	Ko	1	..	39686b
71	9596	57.6	−57 54	8.4	8.5	A2	4	..	39686b
72	7709	57.6	−58 49	8.5	9.6	Go	2	..	39686b
73	*2493*	57.6	−71 57	*8.8*	9.8	Ko	3	..	42475b
74	*763*	57.7	+77 1	9.1	*10.2*	K2	2	..	6443m
75	716	57.7	+75 37	9.32	*9.66*	F2	2	..	6443m
76	*981*	57.7	+72 2	7.8	*8.8*	Ko	4	..	37224i
77	1214	57.7	+67 35	9.1	*9.7*	G	2	..	37333i
78	1262	57.7	+66 31	8.5	*9.5*	Ko	3	..	37333i
79	2160	57.7	+59 28	8.7	*9.2*	F8	1	..	38795i
80	2952	57.7	+50 23	8.1	*9.1*	K	1	..	37392i
81	..	57.7	+46 30	..	..	K5	1	..	5816m
82	3727	57.7	+37 42	7.66	*7.66*	Ao	5	..	37891i
83	3840	57.7	+34 18	8.7	*8.7*	Ao	2	..	37890i
84	4197	57.7	+17 14	8.1	*9.1*	Ko	2	..	37235i
85	4247	57.7	+13 38	6.66	*7.73*	K2	4	..	37908i
86	4075	57.7	+ 2 17	10.1	*10.2*	A2	2	..	17057b
87	5347	57.7	− 6 34	9.2	*10.2*	Ko	1	..	40909b
88	5155	57.7	− 7 31	9.2	*10.2*	Ko	1	..	40909b
89	5628	57.7	−12 42	8.1	*9.1*	Ko	5	..	16854b
90	14523	57.7	−25 36	10.1	9.9	Fo	2	..	40712b
91	13839	57.7	−41 32	9.9	10.7	Ko	2	..	39673b
92	14648	57.7	−42 42	9.9	9.8	F5	4	..	39673b
93	..	57.7	−63 42	var.	var.	Md	1	R	39282b
94	3841	57.7	−65 31	*9.3*	9.9	Go	3	..	40422b
95	2537	57.7	−71 50	*7.6*	7.6	Ao	7	..	42475b
96	694	57.7	−83 33	*8.8*	9.4	Go	3	..	21397b
97	717	57.8	+75 18	8.97	*9.05*	A3	3	0,3 R	6443m
98	2828	57.8	+46 53	9.3	*10.4*	K2	4	..	5816m
99	*3313*	57.8	+45 5	9.5	*10.9*	Ma	1	..	5816m
100	3312	57.8	+44 54	10.0	*11.2*	K5	1	..	5816m

190000 — 19h 57m.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	3679	57.8	+32 47	8.2	*8.2*	B9	4	..	37890i	51	4348	58.0	+ 7 49	9.5	*9.6*	A5	3	..	21771b
2	..	57.8	+32 18	11.09	..	Oa	..	..	**76**,29	52	*5144*	58.0	− 4 55	8.56	*9.74*	K5	3	..	20397b
3	3585	57.8	+28 16	8.6	*8.6*	Ao	1	..	38794i	53	..	58.0	−16 35	..	..	A2	2	..	39412b
4	3977	57.8	+24 39	5.32	*5.60*	Fo	10	..	38016i	54	5841	58.0	−17 2	8.7	*9.7*	Ko	5	..	39412b
5	3978	57.8	+24 9	9.0	*9.3*	F2	2	..	38016i	55	17278	58.0	−31 0	8.15	9.4	K2	4	..	40902b
6	4148	57.8	+10 11	9.07	*10.14*	K2	2	..	21771b	56	15682	58.0	−32 20	5.05	7.3	Ko	..	0,10	**56**,145
7	*4076*	57.8	+ 3 2	7.8	*8.9*	K2	6	2,7	14670b	57	13374	58.0	−46 23	7.0	8.4	Ko	8	..	39668b
8	5688	57.8	−19 15	9.2	10.6	Ko	2	..	39412b	58	9398	58.0	−56 11	8.1	8.8	Go	5	..	39686b
9	5318	57.8	−22 53	6.48	7.0	F5	10	..	40624b	59	7573	58.0	−59 7	*9.2*	10.2	Ko	2	..	39686b
10	15960	57.8	−23 51	10.3	9.8	A5	3	..	40712b	60	6451	58.0	−61 20	*10.5*	10.5	Ao	2	..	39282b
11	16375	57.8	−28 55	9.1	9.6	F8	1	..	40716b	61	1095	58.1	+68 52	9.0	*9.8*	G5	1	..	37333i
12	13880	57.8	−35 38	8.6	9.0	Go	5	..	40902b	62	2065	58.1	+60 39	8.7	*9.5*	G5	1	..	38795i
13	13840	57.8	−41 27	10.8	10.2	Ao	5	..	39673b	63	2829	58.1	+46 40	10.0	*10.0*	Ao	2	..	5816m
14	13841	57.8	−41 45	10.6	11.8	Fo	1	..	39673b	64	3036	58.1	+45 24	9.8	*10.9*	K2	2	..	5816m
15	13372	57.8	−46 16	10.3	10.4	G5	3	..	39668b	65	3563	58.1	+42 57	7.9	*9.3*	Ma	3	..	34242i
16	13409	57.8	−48 51	10.3	11.6	G5	1	..	39668b	66	4027	58.1	+21 52	6.55	*6.31*	Bo	7	0,8 R	38016i
17	12979	57.8	−49 47	10.3	9.9	A2	2	..	19920b	67	4026	58.1	+15 21	7.19	*7.97*	G5	4	..	37908i
18	*9784*	57.8	−52 59	8.3	8.5	K2p	5	R	19920b	68	*4149*	58.1	+15 5	7.99	*7.99*	Ao	3	..	37908i
19	9310	57.8	−55 6	8.5	8.5	Fo	5	..	19920b	69	4154	58.1	+10 39	8.5	*8.5*	Ao	2	..	21771b
20	890	57.9	+73 21	8.7	*9.1*	F5	4	0,2	6443m	70	4153	58.1	+10 37	6.75	*6.81*	A2	7	2,10	38900i
21	926	57.9	+72 40	8.1	*8.5*	F5	3	..	37224i	71	*4306*	58.1	+ 9 7	9.8	*10.6*	G5	1	..	21771b
22	1955	57.9	+61 34	8.6	*8.7*	A2	2	..	38795i	72	*4349*	58.1	+ 8 6	7.8	*7.8*	B9	10	..	21771b
23	..	57.9	+46 34	..	..	K2	1	..	5816m	73	4393	58.1	+ 5 28	7.9	*7.9*	Ao	8	0,3	21771b
24	3035	57.9	+45 43	8.9	*9.9*	Ko	5	..	5816m	74	4078	58.1	+ 2 22	10.5	*10.9*	F5	1	..	17057b
25	3562	57.9	+42 46	7.29	*7.17*	B5	5	..	37349i	75	4399	58.1	+ 0 25	8.4	*8.4*	Ao	6	..	20397b
26	4389	57.9	+20 39	8.2	*8.2*	Ao	3	..	37235i	76	5003	58.1	− 4 39	8.9	*9.0*	A2	5	..	20397b
27	4254	57.9	+19 27	8.5	*8.6*	A2	2	..	37235i	77	5689	58.1	−19 5	9.1	10.9	K2	2	..	39412b
28	4196	57.9	+12 54	8.0	*9.0*	Ko	3	..	21771b	78	15963	58.1	−23 31	8.8	9.1	F8	5	..	40624b
29	4375	57.9	+ 9 42	9.5	*9.5*	B9	3	..	21771b	79	15785	58.1	−24 38	8.8	10.0	K5	2	..	40712b
30	4231	57.9	+ 3 50	10.5	*10.6*	A2	1	..	17057b	80	16765	58.1	−29 44	9.4	9.4	F5	3	..	40716b
31	5348	57.9	− 6 4	9.1	*9.1*	Ao	3	..	40909b	81	13884	58.1	−35 30	8.9	9.2	Go	4	..	40902b
32	5626	57.9	−14 41	9.1	*9.1*	Ao	2	..	21929b	82	13867	58.1	−36 18	8.9	9.2	Ko	3	..	40902b
33	5541	57.9	−15 42	7.16	*7.58*	F5	6	..	40578b	83	13595	58.1	−39 50	9.2	10.7	Ko	2	..	39673b
34	15781	57.9	−24 42	9.6	9.9	G	1	..	40712b	84	13844	58.1	−41 46	9.9	11.3	Ko	1	..	39673b
35	16377	57.9	−28 19	9.0	9.3	G5	3	..	40716b	85	13782	58.1	−43 22	10.1	10.9	G5	1	..	39673b
36	13840	57.9	−38 42	10.6	11.8	A2	1	..	39648b	86	1388	58.1	−76 54	*8.5*	9.6	K2	4	..	42793b
37	13233	57.9	−47 39	9.2	9.9	Fo	4	..	39668b	87	3314	58.2	+44 59	10.3	*10.7*	F5	1	..	5816m
38	13234	57.9	−47 46	8.9	9.5	Ao	7	..	39668b	88	3869	58.2	+38 27	7.7	*7.7*	Ao	6	..	37891i
39	73654	57.9	−60 52	*10.2*	10.8	Go	1	..	39282b	89	*4257*	58.2	+20 5	8.60	*8.66*	A2	2	..	38809i
40	3472	57.9	−66 8	*9.1*	9.9	G5	4	..	40422b	90	4150	58.2	+14 16	6.71	*7.71*	Ko	6	..	37908i
41	2267	58.0	+54 55	8.2	*8.3*	A2	2	..	37971i	91	4197	58.2	+12 23	9.1	*9.2*	A5	4	..	21771b
42	2982	58.0	+47 59	8.3	*9.1*	G5	3	E	37874i	92	*4106*	58.2	+12 7	8.6	*9.1*	F8	4	..	21771b
43	3453	58.0	+43 59	7.8	*8.8*	Ko	4	0,7	37349i	93	4409	58.2	+ 6 59	8.9	*8.9*	B9	4	..	21771b
44	3451	58.0	+43 33	9.8	*10.8*	Ko	1	..	5816m	94	4324	58.2	+ 4 35	9.5	*10.1*	G	1	..	14670b
45	3452	58.0	+43 9	8.2	*8.5*	Fo	2	0,7	37349i	95	4325	58.2	+ 4 27	6.80	*7.98*	K5	7	..	14670b
46	*4007*	58.0	+40 1	7.57	*7.57*	Ao	4	..	37947i	96	5632	58.2	−12 11	9.5	*9.6*	A2	3	..	16854b
47	3862	58.0	+30 50	6.60	*6.55*	B8	..	1,6-	**56**,98	97	5543	58.2	−15 21	9.1	*9.7*	Go	3	0,2	39412b
48	4390	58.0	+20 48	9.2	..	Nb	..	R	M	98	5542	58.2	−15 28	9.5	*10.7*	K5	1	3,1	39412b
49	4361	58.0	+18 16	8.5	*9.5*	Ko	2	..	37235i	99	5488	58.2	−16 25	10.4	*11.5*	K2	1	..	39412b
50	*4104*	58.0	+12 4	6.88	*8.06*	K5	8	..	21771b	100	5842	58.2	−17 33	10.8	*12.2*	Ma	1	..	39412b

190100 — 19h 58m.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	5320	58.2	−22 16	9.2	9.1	Ao	4	..	40624b	51	*4201*	58.5	+18 1	6.75	*7.31*	Go	6	..	37235i
2	14754	58.2	−26 37	7.6	8.4	Go	6	..	40716b	52	4029	58.5	+15 11	8.69	*10.04*	Ma	..	..	M
3	16379	58.2	−28 2	7.44	8.7	K2	6	..	40716b	53	4351	58.5	+ 7 13	9.1	*9.9*	G5	2	..	21771b
4	17613	58.2	−30 27	7.5	9.3	K2	4	..	40902b	54	4233	58.5	+ 3 45	9.5	*9.8*	F2	3	3,2-	17057b
5	13844	58.2	−38 14	10.8	11.3	Go	1	..	39648b	55	4773	58.5	− 3 40	9.1	*9.9*	G5	2	..	20397b
6	13783	58.2	−43 15	10.1	11.0	G5	1	..	39673b	56	4774	58.5	− 3 43	9.5	*9.5*	Ao	2	..	20397b
7	..	58.2	−64 57	..	..	Go	3	..	39282b	57	5006	58.5	− 4 39	8.5	*9.3*	G5	5	..	20397b
8	1410	58.2	−77 43	*8.3*	9.1	G5	4	..	42793b	58	15788	58.5	−24 16	8.1	9.0	F5	5	..	40624b
9	1096	58.3	+68 9	7.48	*7.54*	A2	7	..	37333i	59	13514	58.5	−37 31	9.3	9.5	A3	5	..	20510b
10	2110	58.3	+57 15	8.7	*9.5*	G5	1	..	38807i	60	2105	58.5	−73 3	*8.2*	9.3	K2	2	..	42475b
11	3455	58.3	+43 17	9.8	*9.8*	Ao	3	..	5816m	61	943	58.5	−80 12	*9.3*	9.4	A5	3	..	21397b
12	3575	58.3	+41 32	7.23	*7.23*	Ao	5	..	37349i	62	1585	58.6	+63 30	8.2	*9.0*	G5	3	..	37333i
13	3920	58.3	+35 21	8.0	*9.2*	K5p	2	R	36161i	63	3160a	58.6	+49 46	var.	var.	Md	..	R	M
14	*3847*	58.3	+35 3	7.22	*7.22*	Ao	5	..	37891i	64	2985	58.6	+47 10	8.3	*8.6*	Fo	3	0,9	37349i
15	4198	58.3	+12 21	9.1	*9.1*	Ao	3	..	21771b	65	3038	58.6	+45 11	7.52	*7.58*	A2	4	0,9	37349i
16	4411	58.3	+ 6 43	9.8	*10.2*	F5	2	..	21771b	66	*3458*	58.6	+44 3	9.5	*10.1*	Go	3	..	5816m
17	4410	58.3	+ 6 36	9.5	*10.7*	K5	1	..	21771b	67	3595	58.6	+28 14	6.79	*6.77*	B9	6	..	38493i
18	3903	58.3	− 0 12	7.9	*8.3*	F5	7	..	20397b	68	4202	58.6	+17 38	9.1	*9.1*	Ao	2	..	38809i
19	*5843*	58.3	−16 55	9.2	*10.0*	G5	3	..	39412b	69	4110	58.6	+11 53	8.5	*9.7*	K5	3	..	21771b
20	16381	58.3	−28 49	10.5	9.6	Ao	2	..	40716b	70	*4352*	58.6	+ 8 2	8.7	*8.7*	Ao	7	..	21771b
21	7368	58.3	−60 9	9.2	10.0	Go	2	..	39686b	71	4080	58.6	+ 2 12	9.1	*9.2*	A2	5	..	17057b
22	7367	58.3	−60 39	7.7	9.0	Ko	5	2,3	39686b	72	5159	58.6	− 7 45	6.50	*6.64*	A5	..	5,10-	**56**,145
23	6136	58.3	−62 54	*9.9*	10.9	Ko	2	..	40422b	73	5343	58.6	− 9 24	7.46	*7.46*	Ao	9	..	40909b
24	4023	58.3	−64 32	*10.9*	11.4	F8	2	..	39282b	74	5344	58.6	− 9 29	8.7	*9.3*	Go	3	..	40909b
25	3355	58.3	−68 2	*8.7*	9.5	G5	5	..	20541b	75	5634	58.6	−12 6	9.2	*9.3*	A3	3	..	16854b
26	844	58.4	+74 33	10.0	*10.5*	F8	1	..	6443m	76	5847	58.6	−17 45	9.1	*9.4*	F2	3	..	39412b
27	984	58.4	+71 35	9.3	*9.3*	A	1	..	38067i	77	5322	58.6	−22 29	8.1	7.8	F2	8	..	40624b
28	2066	58.4	+60 22	8.5	*8.9*	F5	2	..	38795i	78	16387	58.6	−28 33	9.3	9.3	Go	2	..	40716b
29	3315	58.4	+44 27	9.0	*10.4*	Mb	3	..	5816m	79	14696	58.6	−33 53	8.6	9.9	G5	3	..	40902b
30	3982	58.4	+40 34	7.01	*7.01*	Ao	5	..	37349i	80	14136	58.6	−34 2	8.3	9.0	G5	4	..	40902b
31	3871	58.4	+38 23	8.6	*8.7*	A2	3	..	37891i	81	13236	58.6	−47 40	9.1	10.1	Ko	3	..	39668b
32	4200	58.4	+12 57	9.1	*10.5*	Mb	..	..	M	82	12983	58.6	−49 48	9.7	9.9	A2	2	..	19920b
33	4199	58.4	+12 45	8.9	*8.9*	Ao	4	..	21771b	83	3094	58.6	−69 15	*9.7*	9.8	A5	4	..	20541b
34	4108	58.4	+11 49	9.5	*10.0*	F8	2	..	21771b	84	1877	58.6	−74 7	*9.0*	9.6	Go	2	..	45404b
35	4307	58.4	+ 8 34	10.5	*11.1*	Go	1	..	21771b	85	986	58.7	+71 39	8.9	*9.9*	Ko	2	0,1	37266i
36	5340	58.4	− 9 1	9.2	*10.3*	K2	1	..	40909b	86	1402	58.7	+64 56	9.3	*9.9*	G	2	..	37333i
37	5562	58.4	−13 3	9.1	*9.1*	Ao	3	..	16854b	87	2070	58.7	+60 48	8.00	*8.06*	A2	5	..	38795i
38	5489	58.4	−16 45	9.7	*10.7*	Ko	3	..	39412b	88	2831	58.7	+46 41	9.3	*10.3*	Ko	3	..	5816m
39	5844	58.4	−17 29	10.1	*11.3*	K5	2	..	39412b	89	..	58.7	+46 25	..	..	K5	1	..	5816m
40	5321	58.4	−22 5	9.9	10.0	A	1	..	40712b	90	3317	58.7	+44 44	9.6	*10.6*	Ko	2	..	5816m
41	16768	58.4	−29 9	9.6	10.8	Ko	1	..	40716b	91	3459	58.7	+43 20	10.3	*10.3*	Ao	1	..	5816m
42	17617	58.4	−30 2	9.3	10.5	K5	1	..	40716b	92	3699	58.7	+33 14	8.6	*8.6*	Ao	2	..	37890i
43	13646	58.4	−40 47	10.8	*10.9*	A2	3	..	39673b	93	4312	58.7	+ 8 39	10.5	10.5	Ao	1	..	21771b
44	9600	58.4	−54 5	8.3	9.5	K5	2	..	19920b	94	4353	58.7	+ 7 56	9.8	*11.2*	Mb	2	..	37599b
45	1216	58.5	+67 11	7.38	*7.44*	A2p	8	R	37333i	95	4354	58.7	+ 7 35	8.1	*8.4*	F2	7	..	21771b
46	2339	58.5	+53 14	8.2	*9.3*	K2	1	..	38807i	96	*4234*	58.7	+ 4 0	9.3	*10.1*	G5	2	..	14670b
47	3158	58.5	+49 49	5.28	*6.28*	Ko	..	0,7 R	**56**,98	97	4081	58.7	+ 2 35	9.8	*10.2*	F5	2	..	17057b
48	3037	58.5	+45 48	9.6	*10.6*	Ko	1	..	5816m	98	*5492*	58.7	−15 57	8.8	*8.8*	B9	7	..	49312b
49	3457	58.5	+43 50	7.28	*8.63*	Ma	4	0,8	37349i	99	5490	58.7	−16 12	9.1	*9.9*	G5	4	..	39412b
50	4030	58.5	+21 34	8.0	*8.0*	B9	3	..	37235i	100	15969	58.7	−23 4	10.1	9.8	G5	1	..	40712b

190200 — 19h 58m.7

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	15689	58.7	−32 48	8.6	9.9	Go	2	..	40902b
2	13871	58.7	−36 41	7.5	7.9	A3	9	..	20510b
3	13845	58.7	−38 21	10.1	*10.5*	F5	1	R	39648b
4	14665	58.7	−42 32	10.3	10.7	G5	2	..	39673b
5	11617	58.7	−52 48	7.5	8.1	Fo	8	..	19920b
6	4562	58.7	−63 0	*9.2*	9.2	Ao	7	..	40422b
7	1412	58.7	−77 17	*8.4*	9.0	Go	7	..	42793b
8	1217	58.8	+67 12	9.0	*9.3*	F2	3	..	37333i
9	*3039*	58.8	+46 7	10.3	*10.8*	F8	2	..	5816m
10	4366	58.8	+18 24	8.1	*9.1*	Ko	1	..	38809i
11	4365	58.8	+18 14	6.14	*7.21*	K2	7	..	37235i
12	4376	58.8	+ 9 32	10.5	*11.0*	F8	1	..	21771b
13	5635	58.8	−12 30	9.1	*10.2*	K2	3	..	16852b
14	5545	58.8	−15 47	10.1	*10.6*	F8	1	..	39412b
15	*5325*	58.8	−21 53	9.5	10.3	G5	1	..	40712b
16	13516	58.8	−37 15	8.9	9.6	Go	3	..	20510b
17	13848	58.8	−38 23	9.3	10.2	Fo	3	5,2-	39648b
18	13652	58.8	−40 12	10.8	12.3	Mc	..	..	M
19	9603	58.8	−54 22	8.0	8.2	A2	8	..	19920b
20	9405	58.8	−56 32	8.4	8.8	Go	4	..	39686b
21	6453	58.8	−61 46	8.7	9.6	K2	4	..	40422b
22	3473	58.8	−66 39	6.28	8.6	K5	7	..	20541b
23	1575	58.8	−75 4	*9.1*	10.2	K2	3	..	42793b
24	598	58.9	+82 11	7.93	*8.93*	Ko	4	..	37294i
25	2072	58.9	+60 14	8.76	*9.32*	Go	1	..	38795i
26	*3319*	58.9	+45 5	10.3	*10.4*	A2	1	..	5816m
27	3905	58.9	+31 40	6.53	*7.53*	Ko	5	E	37891i
28	*3593*	58.9	+28 2	7.6	*8.4*	G5	2	..	38493i
29	4033	58.9	+15 45	5.47	*5.47*	Ao	10	1,10	37908i
30	4032	58.9	+15 10	8.74	*8.74*	Ao	3	..	38900i
31	4160	58.9	+10 38	8.5	*8.5*	B9	7	..	21771b
32	4377	58.9	+ 9 55	8.5	*9.7*	K5	3	..	21771b
33	4313	58.9	+ 8 57	10.1	*10.5*	F5	1	..	21771b
34	4413	58.9	+ 6 38	10.5	*10.5*	Ao	2	..	21771b
35	4398	58.9	+ 5 50	9.1	*9.2*	A2	6	..	21771b
36	4235	58.9	+ 3 50	8.7	*9.9*	K5	2	..	14670b
37	5351	58.9	− 6 18	9.2	*10.2*	Ko	2	..	40909b
38	5212	58.9	− 8 1	9.2	*10.2*	Ko	1	..	40909b
39	5259	58.9	−10 50	9.7	*9.7*	Ao	2	..	40909b
40	5636	58.9	−12 8	8.7	*9.3*	Go	5	..	16854b
41	5803	58.9	−20 49	8.7	9.1	Fo	5	..	39412b
42	13653	58.9	−40 11	9.5	10.4	Ao	3	..	39673b
43	*12986*	58.9	−48 59	9.9	10.5	Ko	3	..	39668b
44	12985	58.9	−49 17	11.0	11.1	Ao	3	..	39668b
45	12987	58.9	−49 29	10.6	11.1	Go	1	..	39668b
46	9406	58.9	−56 5	*9.8*	10.6	G5	1	..	39686b
47	6138	58.9	−62 19	*9.7*	10.5	G5	3	..	39282b
48	3474	58.9	−66 26	3.64	*4.42*	G5	..	R	28,215
49	*3708*	58.9	−66 56	*9.6*	9.9	Fo	5	..	20541b
50	117	59.0	+88 50	8.35	*9.13*	G5	5	R	37793i
51	766	59.0	+76 11	8.47	*9.82*	Ma	3	5,1	6443m
52	*1084*	59.0	+70 5	6.46	*7.24*	G5	8	0,5	37333i
53	2832	59.0	+46 11	8.9	*8.9*	Ao	7	..	5816m
54	3318	59.0	+44 9	8.9	*8.9*	B8	6	..	5816m
55	..	59.0	+43 23	..	..	Ao	1	..	5816m
56	3685	59.0	+32 17	8.2	*8.2*	Ao	3	..	37890i
57	3769	59.0	+26 36	7.7	*7.7*	B8	5	..	38016i
58	4161	59.0	+10 15	9.3	*9.3*	Ao	1	..	21771b
59	4378	59.0	+ 9 9	10.5	*11.0*	F8	1	..	21771b
60	4316	59.0	+ 8 28	9.3	*9.8*	F8	3	..	21771b
61	*4236*	59.0	+ 4 1	9.1	*10.2*	K2	1	..	14670b
62	5214	59.0	− 8 38	9.1	*10.2*	K2	1	..	40909b
63	5565	59.0	−13 33	9.2	*10.0*	G5	2	..	21929b
64	*5547*	59.0	−14 54	8.91	*8.91*	Ao	6	..	21929b
65	5549	59.0	−15 17	9.9	*10.9*	Ko	1	..	21929b
66	5328	59.0	−22 13	9.1	9.7	Go	3	..	40712b
67	17625	59.0	−30 14	9.0	9.3	F8	3	..	40716b
68	*13899*	59.0	−34 57	7.05	7.1	Ao	..	0,9	56,145
69	13603	59.0	−45 16	8.14	8.7	F5	7	..	39673b
70	13416	59.0	−48 53	11.0	11.1	Go	2	..	39668b
71	9606	59.0	−54 1	9.0	9.4	A2	4	..	19920b
72	767	59.1	+76 25	9.3	*10.3*	Ko	3	..	6443m
73	*2833*	59.1	+47 6	9.8	*10.8*	Ko	2	..	5816m
74	..	59.1	+45 29	..	..	Ko	1	..	5816m
75	3735	59.1	+37 32	7.16	*7.22*	A2	7	..	37891i
76	*4205*	59.1	+18 4	8.6	*9.1*	F8	1	..	38809i
77	4162	59.1	+10 11	7.82	*8.16*	F2	7	..	21771b
78	4414	59.1	+ 6 15	9.5	*9.9*	F5	3	..	21771b
79	4398a	59.1	+ 5 42	10.5	*10.6*	A2	2	..	21771b
80	4329	59.1	+ 4 32	9.5	*10.7*	K5	1	..	14670b
81	5347	59.1	− 9 44	8.21	*8.99*	G5	4	..	40909b
82	5495	59.1	−16 19	8.9	*9.7*	G5	6	..	39412b
83	5609	59.1	−21 36	7.11	8.4	G5	8	..	39412b
84	15973	59.1	−23 0	10.3	9.8	Ao	2	..	40712b
85	14515	59.1	−27 6	7.08	7.7	Ao	10	..	40716b
86	16391	59.1	−28 6	7.6	8.7	Ko	8	..	40716b
87	13902	59.1	−35 12	8.6	9.2	Go	4	..	40902b
88	13876	59.1	−36 50	8.9	9.9	Ko	1	..	20510b
89	13850	59.1	−38 0	7.9	8.2	Fo	7	2,8	39648b
90	1062	59.1	−79 10	*9.7*	9.7	Ao	3	..	42793b
91	2307	59.2	+55 43	8.2	*8.5*	Fo	5	..	37971i
92	2834	59.2	+46 11	9.1	*9.2*	A2	5	..	5816m
93	3041	59.2	+45 51	10.0	*10.1*	A2	2	..	5816m
94	3321	59.2	+44 39	10.3	*10.8*	F8	1	..	5816m
95	3320	59.2	+44 9	10.0	*10.0*	Ao	3	..	5816m
96	4165	59.2	+10 24	7.9	*7.9*	Ao	9	..	21771b
97	4399	59.2	+ 5 53	9.8	*10.1*	F2	3	..	21771b
98	4082	59.2	+ 2 28	10.5	*11.0*	F8	1	..	17057b
99	*3887*	59.2	− 0 59	5.84	*6.84*	Ko	..	0,10	56,145
100	5263	59.2	−10 47	9.9	*9.9*	Ao	1	..	40909b

190300 — 19h 59m.2

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5262	59.2	−10 52	9.5	*9.5*	B9	2	..	40909b
2	5496	59.2	−16 36	9.5	*10.1*	Go	4	..	39412b
3	5586	59.2	−18 4	9.2	*10.3*	K2	1	..	39412b
4	14541	59.2	−25 21	8.8	9.9	K2	3	..	40712b
5	16780	59.2	−29 22	7.24	8.0	F5	8	..	40716b
6	14700	59.2	−33 17	6.55	7.2	B8	..	1,10	56,145
7	13877	59.2	−36 47	7.4	8.2	F5	8	..	20510b
8	13657	59.2	−40 16	9.3	10.1	G5	3	..	39673b
9	13725	59.2	−44 38	8.12	9.0	Ko	6	..	39673b
10	13382	59.2	−46 11	10.1	10.7	G5	2	..	39668b
11	12988	59.2	−49 22	11.0	11.4	Go	1	..	39668b
12	*12378*	59.2	−50 58	8.4	10.2	K2	4	..	19920b
13	9607	59.2	−54 28	7.7	9.4	K5	4	..	19920b
14	7576	59.2	−59 36	*9.7*	10.5	G5	2	..	39282b
15	718	59.3	+75 27	7.32	*8.50*	K5	4	0,5	37224i
16	*1085*	59.3	+70 6	7.99	*8.77*	G5	3	..	37333i
17	2958	59.3	+50 16	8.27	*9.45*	K5	2	..	36119i
18	3323	59.3	+44 47	10.3	*10.3*	Ao	3	..	5816m
19	3322	59.3	+44 14	9.6	*10.4*	G5	2	..	5816m
20	3990	59.3	+40 59	8.1	*8.1*	Ao	3	..	37349i
21	3987	59.3	+24 38	8.7	*8.7*	A	1	..	38016i
22	3903	59.3	+22 39	6.67	*7.74*	K2	7	..	38016i
23	4158	59.3	+14 42	6.86	*7.36*	F8p	6	R	38900i
24	*4111*	59.3	+12 3	8.9	*9.4*	F8	4	..	21771b
25	4317	59.3	+ 8 59	9.8	*10.1*	Fo	1	..	21771b
26	4355	59.3	+ 7 24	9.3	*10.1*	G5	1	..	21771b
27	*4416*	59.3	+ 7 0	5.65	*6.65*	Ko	8	R	10153b
28	*4237*	59.3	+ 4 7	8.7	*8.8*	A2	5	..	14670b
29	5264	59.3	−10 48	9.7	*9.7*	Ao	3	..	40909b
30	5587	59.3	−18 52	10.4	*10.5*	A2	1	..	39412b
31	5697	59.3	−19 4	7.9	8.2	A3	7	..	39412b
32	14702	59.3	−33 0	9.3	10.2	Go	2	..	40738b
33	13796	59.3	−43 30	9.5	9.8	G5	3	..	39673b
34	..	59.4	+46 31	..	..	A	1	..	5816m
35	3042	59.4	+45 10	10.3	*10.8*	F8	2	..	5816m
36	3708	59.4	+33 10	8.8	*8.6*	B	2	..	37890i
37	4036	59.4	+21 13	6.88	*8.23*	Ma	3	..	37235i
38	4119	59.4	+16 51	6.83	*6.89*	A2	7	..	37235i
39	4118	59.4	+16 26	7.68	*8.68*	Ko	2	..	37908i
40	4161	59.4	+14 47	8.3	*8.8*	F8	2	..	38900i
41	4114	59.4	+11 31	7.9	*7.9*	B9	9	..	21771b
42	4418	59.4	+ 6 41	9.3	*10.4*	K2	1	..	21771b
43	4419	59.4	+ 6 27	9.0	*9.3*	F2	5	..	21771b
44	4420	59.4	+ 6 24	10.1	*10.1*	Ao	3	..	21771b
45	3888	59.4	− 1 36	8.9	*9.9*	Ko	2	..	20397b
46	5349	59.4	− 9 36	9.7	*9.8*	A3	2	..	40909b
47	5265	59.4	−10 40	9.7	*9.7*	Ao	2	..	40909b
48	5497	59.4	−16 12	9.7	*10.7*	Ko	1	..	39412b
49	*5852*	59.4	−16 53	10.4	*11.4*	Ko	1	..	39412b
50	R	59.4	−22 56	9.3	9.1	A5	5	..	40712b
51	13602	59.4	−39 40	8.9	10.1	Go	5	..	39648b
52	13856	59.4	−41 51	9.9	9.8	Fo	3	..	39673b
53	13385	59.4	−46 42	9.7	10.9	G5	2	..	39668b
54	12807	59.4	−50 0	9.0	10.5	K2	1	..	19920b
55	7577	59.4	−59 39	*9.6*	10.8	K5	2	..	39282b
56	2836	59.5	+46 59	9.8	*10.1*	F2	3	..	5816m
57	2835	59.5	+46 26	10.3	*11.5*	K5	1	..	5816m
58	3043	59.5	+45 14	10.3	*10.3*	Ao	4	..	5816m
59	4017	59.5	+39 53	7.37	*7.37*	Ao	4	1,4	37947i
60	3872	59.5	+29 38	5.68	*6.68*	Ko	8	5,7	37890i
61	4406	59.5	+20 46	7.43	*8.43*	Ko	3	..	37235i
62	4368	59.5	+18 26	9.1	*10.1*	Ko	1	..	38809i
63	4208	59.5	+12 30	9.5	*9.6*	A3	3	..	21771b
64	4330	59.5	+ 4 54	8.80	*9.58*	G5	2	..	14670b
65	4331	59.5	+ 4 16	9.8	*9.8*	Ao	3	..	14670b
66	5266	59.5	−10 43	9.5	*9.5*	Ao	2	..	40909b
67	5639	59.5	−12 15	8.3	*8.4*	A5	6	..	16854b
68	5632	59.5	−14 0	9.5	*10.3*	G5	1	..	21929b
69	5700	59.5	−19 0	9.2	9.7	F5	4	..	39412b
70	13604	59.5	−39 39	9.9	10.1	F2	4	..	39648b
71	13659	59.5	−40 26	9.9	10.7	Ko	2	..	39673b
72	14671	59.5	−42 35	8.3	8.0	A3	8	..	39673b
73	13421	59.5	−48 11	10.3	11.1	F5	2	..	39668b
74	13422	59.5	−48 18	10.1	11.1	F2	2	..	39668b
75	12810	59.5	−50 52	8.1	9.3	K2	3	..	19920b
76	7371	59.5	−60 38	9.1	9.6	F8	4	0,2	39686b
77	4563	59.5	−63 9	*10.3*	10.9	Go	2	..	40422b
78	1063	59.5	−79 53	8.08	8.2	A2	6	..	21397b
79	891	59.6	+73 58	9.3	*9.9*	Go	3	..	6443m
80	2114	59.6	+57 49	9.0	*9.0*	A	2	..	38807i
81	3740	59.6	+37 48	8.6	*8.7*	A2	3	..	37891i
82	3709	59.6	+33 15	9.0	*9.8*	G5	1	..	37890i
83	3911	59.6	+31 59	8.5	*8.6*	A3	2	..	37890i
84	3885	59.6	+23 33	7.7	*8.7*	Ko	4	..	38016i
85	4166	59.6	+10 32	8.5	*9.6*	K2	5	..	21771b
86	4379	59.6	+ 9 47	9.1	*10.3*	K5	1	..	21771b
87	4407	59.6	+ 0 17	9.3	*9.4*	A3	4	..	20397b
88	5267	59.6	−10 52	8.7	*8.7*	Ao	5	..	40909b
89	5217	59.6	−11 1	8.8	*8.8*	B9	4	..	40909b
90	*5641*	59.6	−11 53	6.46	*6.88*	F5	4	..	8377b
91	5853	59.6	−17 11	9.9	*11.1*	K5	2	..	39412b
92	5588	59.6	−18 17	9.2	*10.3*	K2	1	..	39412b
93	13388	59.6	−46 6	9.3	9.8	Go	4	..	39668b
94	3709	59.6	−67 32	*10.2*	10.7	F8	3	..	20541b
95	*892*	59.7	+74 3	9.8	*10.6*	G5	2	..	6443m
96	1086	59.7	+69 8	7.9	*7.9*	Ao	8	..	37333i
97	2115	59.7	+57 22	7.8	*7.8*	Ao	5	1,4	38795i
98	2276	59.7	+54 21	8.3	*9.3*	Ko	2	..	37971i
99	2837	59.7	+46 49	10.3	*11.3*	Ko	3	..	5816m
100	3324	59.7	+44 21	10.3	*10.7*	F5	2	..	5816m

190400 — $19^h\,59^m.7$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3589	59.7	+41 11	6.91	*7.05*	A5	5	..	37349i
2	3741	59.7	+37 58	9.0	*9.1*	A2	2	..	37891i
3	3873	59.7	+29 42	6.84	*7.91*	K2	3	..	37890i
4	*3908*	59.7	+23 5	7.20	*8.20*	Ko	5	2,5	27920i
5	4206	59.7	+17 26	6.77	*7.27*	F8	6	..	37235i
6	4121	59.7	+16 48	5.89	*6.45*	Go	9	..	37235i
7	4167	59.7	+10 58	9.3	*10.4*	K2	2	..	21771b
8	4319	59.7	+ 8 47	8.5	*9.6*	K2	4	..	21771b
9	4358	59.7	+ 7 50	8.7	*9.0*	Fo	5	..	21771b
10	4403	59.7	+ 5 54	9.1	*10.2*	K2	3	..	21771b
11	4084	59.7	+ 2 41	10.5	*10.6*	A2	3	..	17057b
12	4408	59.7	+ 0 52	7.5	*8.3*	G5	6	0,8	14670b
13	5216	59.7	− 8 34	8.8	*9.4*	Go	5	..	40909b
14	5351	59.7	− 9 31	10.4	*11.0*	Go	1	..	40909b
15	5268	59.7	−10 47	9.1	*9.1*	Ao	4	..	40909b
16	5567	59.7	−13 9	8.9	*10.0*	K2	3	..	21929b
17	5498	59.7	−16 40	8.1	*9.3*	K5	6	..	39412b
18	5589	59.7	−18 9	9.7	*10.7*	Ko	1	..	39412b
19	5329	59.7	−22 44	10.1	9.8	G5	1	..	40712b
20	12381	59.7	−51 42	9.7	10.2	Ao	2	..	19920b
21	9794	59.7	−53 10	4.86	6.9	Ma	..	5, R	28,215
22	9317	59.7	−55 18	6.26	7.1	F8	6	..	36360b
23	*2496*	59.7	−71 56	*8.1*	9.2	K2	5	..	42475b
24	1097	59.8	+68 12	7.92	*7.90*	B9	6	..	37333i
25	*1958*	59.8	+62 6	8.1	*9.5*	Ma	1	..	38795i
26	2312	59.8	+55 20	8.9	*9.3*	F5	2	..	37971i
27	3044	59.8	+45 42	8.3	*8.1*	B3	7	..	5816m
28	3742	59.8	+37 7	8.6	*8.6*	A	2	..	37891i
29	3930	59.8	+35 45	6.69	..	Oe	6	0,6	37891i
30	3689	59.8	+32 53	8.0	*9.2*	K5	1	..	37890i
31	3915	59.8	+31 27	8.2	*8.2*	Ao	3	0,1	37890i
32	4117	59.8	+11 21	7.7	*8.8*	K2	7	..	21771b
33	4380	59.8	+ 9 21	10.5	*10.6*	A2	2	..	21771b
34	4320	59.8	+ 8 58	7.9	*7.9*	B9	9	..	21771b
35	..	59.8	+ 8 21	..	..	Mb	1	..	37599b
36	4238	59.8	+ 3 55	9.8	*11.2*	Mb	3	..	37590i
37	5010	59.8	− 4 36	7.65	*8.07*	F5	9	..	20397b
38	5217	59.8	− 8 24	7.9	*8.0*	A3	8	..	40909b
39	5218	59.8	− 8 42	9.1	*10.3*	K5	1	..	40909b
40	5552	59.8	−15 23	9.1	*9.9*	G5	2	..	21929b
41	*5499*	59.8	−15 57	8.1	*8.1*	Ao	7	..	39412b
42	13854	59.8	−38 46	8.9	8.9	F5	5	..	20510b
43	14675	59.8	−42 8	9.5	10.4	F8	3	..	39673b
44	12382	59.8	−51 44	8.1	8.7	A5	7	..	19920b
45	*1960*	59.9	+62 0	8.7	*8.8*	A2	3	..	38795i
46	4020	59.9	+39 59	8.44	*8.78*	F2	3	..	36161i
47	3598	59.9	+27 13	8.7	*8.7*	Ao	3	..	38016i
48	3771	59.9	+26 29	8.8	*9.9*	K2	1	..	38016i
49	3909	59.9	+22 19	8.6	*9.6*	Ko	1	..	38016i
50	4322	59.9	+ 8 34	9.5	*10.5*	Ko	1	..	21771b
51	4085	59.9	+ 2 9	8.3	*8.3*	Ao	6	..	14670b
52	5011	59.9	− 4 5	9.1	*9.2*	A3	2	..	20397b
53	5360	59.9	− 6 52	8.90	*8.96*	A2	3	..	40909b
54	*5569*	59.9	−12 57	6.41	*6.41*	Ao	10	..	16854b
55	5590	59.9	−18 0	8.1	*8.2*	A2	6	..	39412b
56	14549	59.9	−25 32	10.1	9.9	Ao	3	..	40712b
57	17297	59.9	−31 5	8.0	9.6	K2	3	..	40738b
58	13886	59.9	−36 28	8.9	9.2	Ko	4	..	20510b
59	9795	59.9	−53 34	9.0	9.4	A3	2	..	19920b
60	*9610*	59.9	−56 57	*9.5*	10.3	G5	1	..	39686b
61	6455	59.9	−61 10	9.2	10.0	Fo	3	..	39282b
62	1415	59.9	−77 34	*8.3*	9.5	K5	3	..	42793b
63	845	0.0	+74 35	8.7	*9.0*	F2	3	3,2	6443m
64	2277	0.0	+54 23	8.3	*8.6*	Fo	4	..	37971i
65	3465	0.0	+43 44	10.0	*11.0*	Ko	1	..	5816m
66	*3744*	0.0	+38 2	7.52	*8.87*	Ma	3	5,3 R	16369m
67	3841	0.0	+36 8	8.0	*7.8*	B2	2	R	37890i
68	3858	0.0	+34 35	8.6	*8.7*	A2	3	..	37891i
69	3871	0.0	+30 50	8.5	*8.5*	Ao	5	0,2	37890i
70	4085	0.0	+25 30	8.0	*9.0*	Ko	3	..	38016i
71	4209	0.0	+12 44	7.44	*8.44*	Ko	7	..	21771b
72	4324	0.0	+ 8 42	9.5	*9.8*	Fo	1	..	21771b
73	4323	0.0	+ 8 27	9.5	*10.3*	G5	1	..	21771b
74	5361	0.0	− 6 5	8.8	*9.8*	Ko	3	..	40909b
75	5222	0.0	−11 4	9.4	*9.4*	Ao	2	..	40909b
76	5634	0.0	−14 38	8.8	*8.9*	A5	4	..	21929b
77	5808	0.0	−20 50	9.0	10.0	K2	3	..	39412b
78	13668	0.0	−40 49	10.7	10.4	A3	4	..	39673b
79	13861	0.0	−41 12	9.0	10.4	K2	3	..	39673b
80	13734	0.0	−44 35	8.34	9.5	K2	5	..	39673b
81	12385	0.0	−51 38	10.1	10.5	Fo	2	..	19920b
82	12384	0.0	−51 51	9.5	10.2	A3	4	..	19920b
83	11620	0.0	−52 34	8.3	9.0	F8	6	..	19920b
84	9796	0.0	−53 24	8.5	8.8	F8	3	..	19920b
85	9797	0.0	−53 46	8.8	9.1	A5	3	..	19920b
86	7713	0.0	−58 8	*9.4*	10.2	G5	2	..	39686b
87	7372	0.0	−60 28	*10.1*	11.2	K2	1	..	39686b
88	6140	0.0	−62 20	*9.7*	10.5	G5	1	..	40422b
89	4024	0.0	−64 14	*11.3*	11.4	A2	2	..	40422b
90	1961	0.1	+61 53	7.8	*8.8*	Ko	3	..	38795i
91	2838	0.1	+46 13	9.8	*10.8*	Ko	2	..	5816m
92	3466	0.1	+43 30	9.5	*10.5*	K	2	..	5816m
93	4410	0.1	+20 48	9.2	*9.6*	F5	1	..	38809i
94	4385	0.1	+ 9 26	9.1	*9.1*	B8	5	..	21771b
95	4359	0.1	+ 7 51	8.7	*9.5*	G5	4	..	21771b
96	4335	0.1	+ 4 17	9.8	*11.2*	Mb	2	..	37590b
97	4240	0.1	+ 3 27	10.5	*11.9*	Ma	1	..	37590b
98	4196	0.1	+ 1 50	6.67	*7.17*	F8	9	..	14670b
99	*5219*	0.1	− 7 58	9.4	*10.4*	Ko	1	..	40909b
100	5570	0.1	−13 50	9.0	*10.1*	K2	2	..	21929b

→ 53

190500 — 20h 0m.1

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5554	0.1	−15 42	8.6	*9.6*	Ko	3	..	21929b
2	5857	0.1	−17 4	9.2	*9.7*	F8	6	..	39412b
3	14782	0.1	−26 46	9.5	10.4	K2	2	..	40716b
4	13857	0.1	−38 15	10.4	11.8	Ko	1	..	39648b
5	13863	0.1	−41 4	9.4	10.4	G5	3	..	39673b
6	11624	0.1	−52 31	..	10.5	F8	3	..	19920b
7	9414	0.1	−56 8	7.6	8.8	Ko	6	..	39686b
8	2343	0.2	+53 36	8.5	*9.3*	G5	2	..	37971i
9	2839	0.2	+46 43	8.2	*9.3*	K2	7	..	5816m
10	3328	0.2	+44 50	10.3	*11.1*	G5	1	..	5816m
11	3327	0.2	+44 17	9.0	*10.0*	Ko	4	..	5816m
12	3467	0.2	+43 45	9.5	*10.5*	Ko	2	..	5816m
13	3874	0.2	+30 15	8.16	*8.24*	A3	2	..	38794i
14	4375	0.2	+18 38	9.0	*9.0*	Ao	2	..	38809i
15	4210	0.2	+17 39	8.6	*9.1*	F8	3	..	37235i
16	4038	0.2	+15 38	7.07	*7.63*	Go	4	..	37908i
17	4326	0.2	+ 8 10	8.9	*9.0*	A2	4	..	21771b
18	4424	0.2	+ 6 7	9.1	*10.1*	Ko	2	..	21771b
19	4406	0.2	+ 5 29	9.1	*9.2*	A2	4	..	21771b
20	4242	0.2	+ 3 51	9.1	*9.2*	A5	4	..	14670b
21	4241	0.2	+ 3 7	7.8	*8.8*	Ko	7	..	14670b
22	4411	0.2	+ 0 10	6.92	*6.92*	Ao	5	..	38113i
23	5555	0.2	−15 25	9.6	*10.2*	Go	1	..	21929b
24	5500	0.2	−16 3	8.5	*9.1*	Go	7	..	39412b
25	5614	0.2	−21 18	8.0	9.1	Ko	6	..	39412b
26	5331	0.2	−22 13	Cl.	Cl.	Pec.	..	2, R	40712b
27	16793	0.2	−29 26	8.3	9.0	F2	5	..	40716b
28	17299	0.2	−31 51	7.93	8.4	G5	7	..	40738b
29	15705	0.2	−32 30	9.0	10.2	G5	1	..	40738b
30	13528	0.2	−37 23	8.7	9.8	K5	3	*3,3*	20510b
31	13860	0.2	−38 12	10.4	11.5	F8	1	..	39648b
32	13867	0.2	−41 43	10.0	11.5	K2	1	..	39673b
33	893	0.3	+73 52	9.8	*10.6*	G5	1	..	6443m
34	1962	0.3	+61 13	9.1	*9.2*	A2	1	..	38795i
35	*2073*	0.3	+61 6	8.2	*9.2*	Ko	3	..	38795i
36	*3714*	0.3	+34 2	8.1	*9.1*	Ko	3	0,2	37890i
37	3875	0.3	+30 57	6.87	*6.93*	A2	4	0,8	9896i
38	3991	0.3	+24 38	8.2	*8.2*	Ao	4	..	38016i
39	4274	0.3	+19 16	8.7	*8.7*	B9	3	..	37235i
40	*5704*	0.3	−18 59	8.4	9.4	G5	5	..	39412b
41	13246	0.3	−47 8	8.5	9.2	F5	7	..	39668b
42	*12999*	0.3	−48 56	7.4	8.4	F2	8	..	39668b
43	7374	0.3	−60 19	8.7	9.0	F8	5	0,3	39686b
44	1405	0.4	+64 32	5.43	*6.78*	Ma	..	5,9 R	3089c
45	1589	0.4	+63 23	9.3	*9.4*	A2	2	..	37333i
46	2965	0.4	+50 11	7.47	*7.47*	Ao	5	0,4	38477i
47	*3170*	0.4	+50 1	7.52	*8.70*	K5	5	..	36119i
48	3045	0.4	+45 20	9.0	*9.0*	Ao	7	0,2	5816m
49	3748	0.4	+37 25	8.8	*8.8*	A	2	R	37891i
50	3749	0.4	+37 10	8.8	*8.8*	A	1	..	37891i
51	3923	0.4	+31 39	8.1	*8.1*	Ao	3	..	37890i
52	3880	0.4	+29 9	9.1	*9.1*	Ao	1	..	38794i
53	*4119*	0.4	+12 1	9.8	*9.8*	Ao	1	..	21771b
54	4120	0.4	+11 49	9.3	*9.4*	A2	2	..	21771b
55	4168	0.4	+10 45	9.1	*10.1*	Ko	2	..	21771b
56	5366	0.4	− 6 12	9.2	*10.3*	K2	1	..	40909b
57	13531	0.4	−37 0	10.0	10.6	K2	1	..	39648b
58	13615	0.4	−39 9	8.0	10.2	K5	3	..	20510b
59	14681	0.4	−42 6	7.7	8.7	Ko	6	..	39673b
60	13000	0.4	−49 30	10.1	11.4	G5	1	..	39668b
61	*9324*	0.4	−54 58	8.64	9.1	K2	2	..	19920b
62	7375	0.4	−60 7	9.2	10.2	G5	3	..	39686b
63	6142	0.4	−62 28	*9.3*	9.9	Go	4	..	40422b
64	3710	0.4	−67 1	*10.4*	10.9	F8	2	..	20541b
65	3046	0.5	+45 34	9.3	*10.3*	Ko	3	..	5816m
66	3329	0.5	+44 53	9.3	*9.4*	A2	5	1,1	5816m
67	3470	0.5	+43 41	9.8	*9.8*	Ao	1	..	5816m
68	3468	0.5	+43 38	9.8	*9.8*	B9	4	..	5816m
69	3469	0.5	+43 11	9.1	*9.1*	Ao	6	..	5816m
70	3848	0.5	+36 54	8.1	*8.1*	Ao	4	..	37891i
71	3716	0.5	+33 16	7.75	*8.53*	G5	3	0,3	37891i
72	4259	0.5	+13 28	7.38	*8.45*	K2	4	..	37908i
73	4121	0.5	+11 28	9.1	*9.2*	A3	2	..	21771b
74	5223	0.5	− 8 25	8.6	*9.6*	Ko	3	..	40909b
75	5572	0.5	−13 45	8.6	*8.7*	A2	5	..	21929b
76	5706	0.5	−19 47	7.53	7.5	Ao	3	R	8385b
77	14553	0.5	−25 52	8.5	10.0	K5	3	..	40712b
78	16408	0.5	−28 39	8.1	7.8	F2	7	..	40716b
79	14683	0.5	−42 21	9.2	9.8	Fo	5	..	39673b
80	11626	0.5	−52 52	7.3	7.9	G5	..	*5,10*	**56**,145
81	9799	0.5	−53 50	7.2	8.8	Ma	4	..	19920b
82	3711	0.5	−67 46	*9.6*	10.7	K2	2	..	20541b
83	*2499*	0.5	−71 58	*9.3*	9.8	F8	2	..	42475b
84	2613	0.6	+52 17	7.63	*7.77*	A5	3	..	37971i
85	3047	0.6	+45 19	9.8	*10.9*	K2	2	..	5816m
86	3471	0.6	+43 54	10.0	*10.0*	Ao	3	..	5816m
87	3998	0.6	+40 22	7.57	*7.55*	B9	3	..	37947i
88	3693	0.6	+32 32	8.2	*9.4*	K5	1	..	37890i
89	3778	0.6	+26 18	9.6	*9.6*	Ao	1	..	38016i
90	3913	0.6	+22 55	6.41	*6.49*	A3	8	..	38016i
91	3912	0.6	+22 10	8.2	*8.2*	Ao	3	..	38016i
92	4213	0.6	+17 34	7.9	*8.0*	A2	4	..	37235i
93	4131	0.6	+16 23	7.59	*7.59*	Ao	2	..	37908i
94	4243	0.6	+ 3 13	8.4	*9.2*	G5	5	..	14670b
95	5814	0.6	−20 26	8.6	10.0	K5	3	..	39412b
96	17652	0.6	−30 5	9.43	10.0	Ko	1	..	40716b
97	17654	0.6	−30 12	9.2	10.2	K2	1	..	40716b
98	13618	0.6	−39 38	8.2	9.5	G5	6	..	39648b
99	14687	0.6	−42 4	7.6	8.3	Go	8	..	39673b
100	9419	0.6	−56 14	*10.3*	10.3	Ao	3	..	39686b

190600 — 20h 0m.7

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	1964	0.7	+61 40	8.7	*9.7*	Ko	1	..	38795i
2	2750	0.7	+51 27	8.1	*9.1*	Ko	1	..	38807i
3	3925	0.7	+31 56	5.69	*5.45*	Bo	7	0,7	37890i
4	3878	0.7	+30 26	8.5	*8.5*	Ao	3	..	38794i
5	4090	0.7	+25 47	7.8	*8.6*	G5	4	..	38016i
6	4417	0.7	+20 22	var.	var.	Nb	..	R	M
7	4276	0.7	+19 55	8.7	*9.7*	Ko	2	..	37235i
8	4277	0.7	+19 42	5.26	*6.26*	Ko	7	R	38809i
9	*4426*	0.7	+ 7 5	8.5	*9.3*	G5	4	..	21771b
10	4427	0.7	+ 6 27	9.5	*9.8*	F2	3	..	21771b
11	4340	0.7	+ 4 52	9.5	*10.9*	Ma	3	..	37590b
12	5367	0.7	− 6 40	9.8	*9.9*	A3	2	..	40909b
13	5557	0.7	−15 12	8.0	*8.6*	Go	6	..	21929b
14	5501	0.7	−16 19	10.3	*11.4*	K2	1	..	39412b
15	5815	0.7	−20 4	9.2	9.4	Ao	5	..	39412b
16	5617	0.7	−21 12	9.1	10.3	K2	1	..	39412b
17	*5335*	0.7	−21 58	7.84	8.5	Go	6	..	39412b
18	14789	0.7	−26 43	7.6	9.4	K2	4	..	40716b
19	16802	0.7	−29 42	7.73	9.0	Ko	5	..	40716b
20	14688	0.7	−42 17	9.9	11.0	Go	2	..	39673b
21	13001	0.7	−49 51	9.3	10.2	Ko	4	..	39668b
22	9615	0.7	−54 36	8.8	9.1	F8	2	..	19920b
23	7377	0.7	−60 27	*9.7*	10.8	K2	1	..	39686b
24	3712	0.7	−67 18	*10.3*	10.9	Go	2	..	20541b
25	2344	0.8	+56 49	7.54	*7.54*	Ao	3	..	37971i
26	..	0.8	+44 24	..	..	A2	1	..	5816m
27	3474	0.8	+43 22	9.1	*9.7*	Go	4	..	5816m
28	*3752*	0.8	+38 2	8.4	*8.4*	Ao	2	..	37947i
29	3852	0.8	+36 32	var.	var.	Np	..	R	M
30	3881	0.8	+30 14	7.91	*8.91*	Ko	1	..	38794i
31	3891	0.8	+23 23	7.9	*9.0*	K2	2	..	38016i
32	4133	0.8	+16 31	8.1	*9.2*	K2	2	..	37908i
33	4262	0.8	+13 44	8.3	*8.8*	F8	3	..	38900i
34	4169	0.8	+10 17	10.5	*10.5*	Ao	2	..	21771b
35	4389	0.8	+ 9 35	9.1	*10.3*	K5	2	..	21771b
36	4244	0.8	+ 3 23	8.7	*9.8*	K2	4	..	14670b
37	5156	0.8	− 5 43	9.2	*10.2*	Ko	2	..	40909b
38	5229	0.8	− 8 47	8.6	*9.2*	Go	3	..	40909b
39	5644	0.8	−12 35	9.2	*10.2*	Ko	3	..	21929b
40	5574	0.8	−13 40	9.0	*9.8*	G5	3	..	21929b
41	5502	0.8	−16 39	10.5	*11.7*	K5	1	..	39412b
42	5593	0.8	−18 36	8.0	*8.8*	G5	7	..	39412b
43	14534	0.8	−27 31	8.22	9.0	Mc	5	R	40716b
44	17657	0.8	−30 10	11.1	10.7	G5	1	..	40716b
45	15712	0.8	−32 35	9.1	10.2	A5	1	..	40738b
46	13923	0.8	−35 14	9.3	9.2	G5	2	..	40738b
47	13924	0.8	−35 49	7.51	8.2	G5	7	..	20510b
48	13674	0.8	−40 2	9.42	10.7	Ko	4	..	39648b
49	13871	0.8	−41 19	9.0	9.5	Go	5	..	39673b
50	13808	0.8	−43 54	8.7	9.5	G5	5	..	39673b
51	13248	0.8	−47 1	10.6	10.9	A5	1	..	39668b
52	7716	0.8	−58 12	*9.7*	10.2	F8	2	..	39686b
53	6458	0.8	−61 48	*9.8*	10.8	Ko	1	..	39282b
54	1299	0.8	−78 39	*8.7*	9.1	F5	3	E	21397b
55	3330	0.9	+44 47	10.3	*11.4*	K2	1	..	5816m
56	*3476*	0.9	+44 5	10.3	*11.4*	K2	1	..	5816m
57	3475	0.9	+43 25	10.0	*10.3*	Fo	4	..	5816m
58	4040	0.9	+15 13	6.56	*7.91*	Ma	4	0,4	38900i
59	4212	0.9	+12 49	8.5	*9.5*	Ko	4	..	21771b
60	*4125*	0.9	+12 5	9.3	*9.4*	A2	2	..	21771b
61	4126	0.9	+11 53	7.87	*8.94*	K2	5	..	21771b
62	4341	0.9	+ 4 29	6.74	*6.74*	Ao	5	0,10	38113i
63	4197	0.9	+ 1 29	8.9	*8.9*	Ao	4	..	14670b
64	5013	0.9	− 4 22	6.56	*7.56*	Ko	10	..	20397b
65	5166	0.9	− 7 20	9.1	*9.7*	Go	2	..	40909b
66	5354	0.9	− 9 49	9.46	*9.52*	A2	3	..	40909b
67	5816	0.9	−20 51	9.2	9.8	F5	3	..	39412b
68	13866	0.9	−38 49	9.4	12.0	Mb	2	..	39648b
69	13619	0.9	−39 39	9.3	10.7	Ko	2	..	39648b
70	13249	0.9	−47 28	8.1	8.6	A2	7	..	39668b
71	9421	0.9	−56 21	8.6	9.1	Ko	4	..	39686b
72	7582	0.9	−59 0	*9.0*	10.0	Ko	2	..	39686b
73	6459	0.9	−61 35	*10.2*	10.8	Go	1	..	39282b
74	..	1.0	+45 30	..	..	G5	1	..	5816m
75	3599	1.0	+41 55	7.8	*7.8*	B8	4	0,5	37902i
76	4093	1.0	+25 11	8.21	*9.28*	K2	1	..	38016i
77	4127	1.0	+11 18	8.7	*9.8*	K2	3	..	21771b
78	*4330*	1.0	+ 9 4	9.0	*10.0*	Ko	3	..	21771b
79	4429	1.0	+ 6 28	9.8	*10.9*	K2	1	..	21771b
80	4342	1.0	+ 4 19	9.1	*9.1*	Ao	4	..	14670b
81	5178	1.0	− 2 1	8.0	*8.4*	F5	6	..	20397b
82	*5276*	1.0	− 9 57	9.6	*9.6*	Ao	3	..	40909b
83	5503	1.0	−16 46	10.0	*11.1*	K2	1	..	39412b
84	5859	1.0	−17 20	10.0	*10.1*	A3	1	..	39412b
85	*5595*	1.0	−17 53	9.4	*10.5*	K2	1	..	39412b
86	13624	1.0	−45 54	9.2	9.9	Ko	5	..	39668b
87	13004	1.0	−49 24	9.5	10.8	Ko	3	..	39668b
88	12396	1.0	−51 40	9.1	9.9	F5	3	..	19920b
89	9802	1.0	−53 48	8.6	9.5	Ko	2	..	19920b
90	7583	1.0	−59 17	8.6	9.4	Ko	5	..	39686b
91	7379	1.0	−60 0	*9.9*	10.7	G5	2	..	39686b
92	3357	1.0	−68 2	*9.4*	9.5	A2	5	..	20541b
93	991	1.1	+71 37	7.90	*9.08*	K5	1	3,1	37266i
94	1088	1.1	+69 40	8.7	*9.5*	G5	2	..	37333i
95	1423	1.1	+65 37	8.1	*8.5*	F5	5	..	37333i
96	1406	1.1	+64 23	8.1	*8.9*	G5	2	..	38067i
97	2168	1.1	+59 23	7.78	*8.85*	K2	2	..	38795i
98	2842	1.1	+46 28	9.0	*9.0*	A	3	..	5816m
99	*3048*	1.1	+46 3	8.2	*9.0*	G5	3	5,7	37349i
100	3754	1.1	+37 48	9.0	*9.0*	Ao	1	..	37947i

190700 — 20h 1m.1

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3783	1.1	+26 44	8.0	*8.0*	B8	5	..	38016i
2	*4390*	1.1	+10 4	9.3	*9.9*	Go	2	..	21771b
3	4198	1.1	+ 1 41	9.1	*9.2*	A2	3	..	14670b
4	5597	1.1	−18 21	10.3	*10.9*	Go	1	..	39412b
5	14560	1.1	−25 4	9.55	9.9	F2	3	..	40712b
6	13929	1.1	−35 0	8.98	9.2	G5	3	..	40738b
7	*13894*	1.1	−35 57	7.53	7.8	A3	9	..	20510b
8	13541	1.1	−37 10	10.7	10.4	Go	2	..	39648b
9	13744	1.1	−44 29	8.47	9.0	F5	6	..	39673b
10	*4025*	1.1	−63 57	*8.7*	9.9	K5	4	..	40422b
11	1579	1.1	−75 7	*8.5*	9.9	Mb	3	..	42793b
12	652	1.2	+79 11	8.5	*8.6*	A3	2	..	38512i
13	1407	1.2	+64 21	6.65	*7.43*	G5	7	..	37333i
14	1783	1.2	+62 9	8.8	*8.9*	A2	1	..	38795i
15	2344	1.2	+53 10	8.1	*9.1*	Ko	1	..	37971i
16	..	1.2	+45 45	..	..	A2	2	..	5816m
17	*3331*	1.2	+45 1	10.0	*10.4*	F5	2	..	5816m
18	4420	1.2	+20 47	8.4	*9.5*	K2	1	..	38809i
19	4380	1.2	+18 58	8.9	*9.9*	Ko	1	..	38809i
20	4215	1.2	+17 17	8.5	*9.6*	K2	2	0,2	38809i
21	4411	1.2	+ 5 32	8.5	*8.8*	Fo	8	..	21771b
22	*5230*	1.2	−10 56	9.1	*9.9*	G5	2	..	40909b
23	5577	1.2	−13 13	7.61	*8.61*	Ko	7	..	21929b
24	5598	1.2	−18 7	9.0	*10.1*	K2	2	..	39412b
25	5709	1.2	−19 5	9.6	10.9	Ko	1	..	39412b
26	5710	1.2	−19 45	10.0	10.3	Go	1	..	39412b
27	17664	1.2	−30 1	6.71	8.1	Ko	8	..	40716b
28	13622	1.2	−39 2	10.7	11.3	Go	1	..	39648b
29	13623	1.2	−39 44	8.7	10.1	F8	4	..	39648b
30	13678	1.2	−40 8	7.42	8.6	F5	8	..	39648b
31	*13252*	1.2	−46 57	9.3	9.9	G5	4	..	39668b
32	*6460*	1.2	−60 59	*10.2*	11.2	Ko	1	..	39282b
33	4564	1.2	−63 55	7.01	7.1	A2	6	..	43204b
34	3049	1.3	+45 28	9.0	*10.0*	Ko	3	..	5816m
35	3332	1.3	+44 42	8.6	*8.7*	A2	7	1,1-	5816m
36	3607	1.3	+27 7	8.1	*8.6*	F8	3	..	38016i
37	4331	1.3	+ 8 48	7.7	*8.9*	K5	6	..	21771b
38	4363	1.3	+ 7 12	9.3	*9.4*	A3	3	..	21771b
39	5016	1.3	− 4 42	7.13	*7.13*	Ao	7	..	14149b
40	5645	1.3	−12 44	7.49	*7.57*	A3	7	..	16854b
41	5640	1.3	−14 45	9.31	*10.31*	Ko	1	..	21929b
42	5558	1.3	−15 23	9.4	*10.5*	K2	1	..	21929b
43	14729	1.3	−33 38	7.6	9.0	Ko	5	..	40738b
44	13395	1.3	−46 37	9.9	10.1	F5	3	..	39668b
45	13254	1.3	−47 51	7.8	8.3	Fo	9	..	39668b
46	9806	1.3	−53 42	*9.4*	9.5	A5	2	..	19920b
47	9621	1.3	−54 36	8.1	8.6	K2	4	..	19920b
48	653	1.4	+79 41	9.3	*10.1*	G5	1	..	38512i
49	3887	1.4	+29 34	8.6	*9.6*	Ko	2	..	38794i
50	3918	1.4	+22 30	6.87	*6.87*	Ao	7	..	38016i
51	4216	1.4	+17 57	8.5	*9.5*	Ko	2	..	38809i
52	4364	1.4	+ 7 41	9.1	*10.3*	K5	2	..	21771b
53	4251	1.4	+ 3 58	8.9	*9.9*	Ko	2	..	14670b
54	5169	1.4	− 7 19	8.13	*8.91*	G5	4	..	40909b
55	5234	1.4	− 8 20	9.0	*9.1*	A3	4	..	40909b
56	5860	1.4	−17 29	7.8	*8.1*	F2	8	..	39412b
57	15722	1.4	−32 54	8.4	10.2	K5	1	..	40738b
58	14730	1.4	−33 9	9.0	10.2	Ko	1	..	40738b
59	13627	1.4	−39 47	10.4	10.7	F8	2	..	39648b
60	13683	1.4	−40 40	8.7	9.2	Ko	5	..	39673b
61	13258	1.4	−47 6	11.0	10.9	F8	2	..	39668b
62	13257	1.4	−47 36	9.2	9.9	Ko	2	..	39668b
63	6461	1.4	−61 17	*10.2*	10.8	Go	1	..	39282b
64	3842	1.4	−65 22	*10.7*	11.3	Go	3	..	39282b
65	3358	1.4	−68 55	*8.1*	8.1	Ao	8	..	20541b
66	1393	1.4	−76 10	*8.4*	8.5	A5	7	..	42793b
67	382	1.4	−86 29	*8.4*	9.4	Ko	2	..	22980b
68	769	1.5	+76 44	8.7	*9.0*	Fo	5	5,2	6443m
69	2756	1.5	+51 29	8.9	*9.0*	A5	1	..	38807i
70	*2973*	1.5	+51 1	7.20	*8.27*	K2	3	..	37971i
71	3896	1.5	+38 12	6.56	*7.34*	G5	7	..	37891i
72	4285	1.5	+19 17	8.3	*9.1*	G5	3	..	37235i
73	4201	1.5	+ 1 49	9.5	*10.0*	F8	2	..	14670b
74	5356	1.5	− 9 12	7.68	*7.96*	Fo	7	..	40909b
75	5714	1.5	−19 51	8.33	9.4	G5	6	..	39412b
76	17322	1.5	−31 8	8.3	9.3	Go	4	..	40738b
77	*13630*	1.5	−44 57	9.56	11.0	Ko	1	..	39673b
78	13398	1.5	−46 5	9.2	10.6	K5	3	..	39668b
79	13399	1.5	−46 35	8.5	9.0	F5	7	..	39668b
80	2281	1.6	+54 12	8.0	*9.0*	Ko	4	..	37971i
81	3004	1.6	+47 57	5.98	*5.98*	Ao	7	..	38477i
82	2843	1.6	+46 34	8.1	*9.2*	K2	6	0,2	5816m
83	*3050*	1.6	+46 5	8.1	*9.1*	Ko	2	2,6	37874i
84	*3334*	1.6	+45 7	9.77	*9.75*	B9	3	..	5816m
85	3866	1.6	+34 42	8.4	*8.4*	Ao	3	..	37891i
86	3932	1.6	+31 42	8.7	*8.7*	Ao	2	..	37890i
87	3612	1.6	+27 51	7.8	*9.2*	Ma	2	5,1	38794i
88	4097	1.6	+25 19	8.26	*9.44*	K5	1	..	38016i
89	4052	1.6	+21 56	8.1	*9.2*	K2	1	..	38016i
90	4422	1.6	+20 15	8.15	*8.29*	A5	3	..	38809i
91	4130	1.6	+11 46	8.5	*9.6*	K2	1	..	21771b
92	4091	1.6	+ 2 21	9.1	*10.2*	K2	1	..	14670b
93	4202	1.6	+ 1 27	9.1	*10.2*	K2	1	..	14670b
94	5170	1.6	− 7 46	10.0	*10.6*	Go	1	..	40909b
95	5237	1.6	− 8 29	7.80	*8.08*	Fo	7	..	40909b
96	5358	1.6	− 9 15	9.8	*9.9*	A2	2	..	40909b
97	5357	1.6	− 9 36	9.8	*10.8*	Ko	1	..	40909b
98	5231	1.6	−11 0	8.6	*9.8*	K5	2	..	40909b
99	5619	1.6	−21 44	9.2	9.8	F8	3	..	39412b
100	16810	1.6	−29 4	9.7	10.0	G5	1	..	40716b

190800 — 20h 1m.6

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13900	1.6	−36 14	10.2	9.5	F5	2	..	20510b
2	13401	1.6	−46 24	9.7	10.9	Ko	1	..	39668b
3	13400	1.6	−46 36	9.1	10.1	G5	3	..	39668b
4	13440	1.6	−48 50	8.5	10.2	Ko	4	..	39668b
5	13005	1.6	−49 22	9.1	9.6	Fo	7	..	39668b
6	7718	1.6	−58 18	8.3	9.4	K2	3	..	39686b
7	..	1.6	−67 14	..	..	A	1	..	20541b
8	1065	1.6	−79 18	*7.8*	8.2	F5	6	..	21397b
9	1266	1.7	+66 49	9.0	*9.4*	F5	2	..	37333i
10	2347	1.7	+53 50	8.7	*9.5*	G5	1	..	37971i
11	..	1.7	+45 17	..	..	Go	1	..	5816m
12	4010	1.7	+40 32	7.12	*7.26*	A5	4	..	37947i
13	3728	1.7	+33 12	8.8	*8.8*	B9	2	..	37890i
14	*3889*	1.7	+30 3	8.21	*8.71*	F8	3	..	38794i
15	3890	1.7	+29 25	9.1	*9.2*	A2	2	..	38794i
16	3997	1.7	+24 11	8.2	*8.2*	Ao	3	..	38016i
17	3911	1.7	− 0 27	8.5	*9.6*	K2	2	..	14670b
18	5017	1.7	− 4 3	8.4	*8.8*	F5	3	..	14657b
19	5559	1.7	−15 34	9.0	*10.0*	Ko	1	..	21929b
20	5716	1.7	−19 38	9.2	10.4	Ko	1	..	39412b
21	5621	1.7	−21 8	8.0	8.8	Go	8	..	39412b
22	16000	1.7	−23 42	10.2	9.8	F8	1	..	40712b
23	15998	1.7	−23 46	10.4	9.7	Go	1	..	40712b
24	15814	1.7	−24 10	7.54	9.0	K5	6	..	40712b
25	13932	1.7	−35 4	8.5	8.6	B8	6	..	40738b
26	13629	1.7	−39 6	8.4	8.2	A3	8	..	20510b
27	13631	1.7	−45 43	9.2	9.9	Ko	3	..	39668b
28	12401	1.7	−51 43	9.7	10.2	F8	2	..	19920b
29	4026	1.7	−64 32	*10.2*	11.3	K2	2	..	40422b
30	2110	1.7	−73 2	*8.8*	9.6	G5	2	..	42475b
31	1883	1.7	−74 24	*9.0*	9.6	Go	1	..	45404b
32	1418	1.7	−77 22	*9.4*	10.2	G5	1	..	42793b
33	1102	1.8	+70 11	8.09	*8.07*	B9	5	..	37333i
34	1090	1.8	+69 36	8.3	*9.3*	Ko	2	..	37333i
35	2616	1.8	+52 56	8.3	*9.7*	Ma	..	..	M
36	3336	1.8	+44 49	9.8	*9.8*	Ao	3	..	5816m
37	3335	1.8	+44 32	8.3	*9.3*	Ko	2	2,6	37874i
38	3478	1.8	+43 37	10.3	*11.3*	Ko	1	..	5816m
39	3603	1.8	+41 17	8.6	*10.0*	Ma	..	..	M
40	4028	1.8	+39 55	8.8	*8.8*	Ao	2	..	37891i
41	3867	1.8	+34 38	8.8	*9.2*	F5	2	..	37891i
42	3893	1.8	+29 12	8.6	*9.6*	Ko	1	..	38794i
43	3924	1.8	+22 46	8.8	*8.8*	Ao	3	..	38016i
44	4423	1.8	+20 14	7.70	*7.98*	Fo	5	..	37235i
45	4224	1.8	+12 10	8.3	*8.4*	A2	5	..	21771b
46	4174	1.8	+10 56	8.3	*8.4*	A5	6	..	21771b
47	*4396*	1.8	+10 2	9.32	*9.32*	Ao	4	..	21771b
48	4397	1.8	+ 9 10	9.1	*9.1*	B9	5	..	21771b
49	4367	1.8	+ 7 17	6.94	*6.94*	Ao	5	..	10153b
50	4366	1.8	+ 7 16	7.54	*7.54*	A	4	R	10153b
51	4435	1.8	+ 6 41	9.3	*9.6*	Fo	4	..	21771b
52	4203	1.8	+ 1 40	9.1	*9.6*	F8	2	..	14670b
53	5861	1.8	−17 15	8.8	*10.2*	Ma	2	..	39412b
54	15727	1.8	−32 43	8.8	9.6	Ko	2	..	40738b
55	14171	1.8	−34 55	8.02	8.5	Ko	4	..	40738b
56	13868	1.8	−38 14	9.6	12.0	Ko	1	..	39648b
57	13008	1.8	−49 13	10.1	11.1	Go	1	..	39668b
58	6462	1.8	−61 0	*10.7*	11.1	F5	1	..	39282b
59	1394	1.8	−76 41	*9.4*	9.9	F8	2	..	42793b
60	770	1.9	+76 14	9.27	*10.05*	G5	3	..	6443m
61	2075	1.9	+60 46	8.1	*9.2*	K2	1	..	38795i
62	3337	1.9	+44 52	10.0	*11.1*	K2	1	..	5816m
63	3759	1.9	+37 27	8.8	*8.8*	A	2	..	37891i
64	3949	1.9	+35 19	8.2	*8.0*	B	3	R	37890i
65	3925	1.9	+22 54	8.5	*8.5*	Ao	5	..	38016i
66	4043	1.9	+15 58	7.9	*8.9*	Ko	2	..	37908i
67	4269	1.9	+13 12	8.9	*8.9*	Ao	2	..	38900i
68	4225	1.9	+12 25	7.47	*8.65*	K5	5	..	21771b
69	4131	1.9	+11 57	8.00	*8.00*	Ao	7	..	21771b
70	4436	1.9	+ 6 53	9.8	*9.8*	Ao	3	..	21771b
71	4204	1.9	+ 1 37	8.7	*9.3*	Go	2	..	14670b
72	4419	1.9	+ 0 35	9.0	*9.8*	G5	1	..	14670b
73	3894	1.9	− 1 10	8.5	*9.3*	G5	4	..	14657b
74	5374	1.9	− 6 39	9.2	*9.2*	Ao	4	..	40909b
75	5239	1.9	− 8 2	10.7	*11.3*	Go	1	..	40909b
76	5820	1.9	−20 5	8.4	9.7	Ko	4	..	39412b
77	5819	1.9	−20 10	9.2	10.6	Ko	1	..	39412b
78	13748	1.9	−44 42	10.3	11.0	Ko	1	..	39598b
79	13262	1.9	−47 22	6.54	7.6	K5	9	..	39668b
80	4027	1.9	−64 37	*9.1*	10.1	Ko	4	..	40422b
81	3713	1.9	−67 17	*10.4*	11.4	Ko	1	..	20541b
82	2759	2.0	+51 18	8.3	*9.4*	K2	1	..	38807i
83	..	2.0	+45 23	..	..	A	1	..	5816m
84	3479	2.0	+43 9	10.3	*10.9*	Go	2	..	5816m
85	3613	2.0	+27 51	8.4	*9.6*	K5	1	..	38016i
86	4099	2.0	+25 11	8.11	*8.11*	Ao	6	..	38016i
87	4226	2.0	+12 39	7.23	*7.57*	F2	9	..	21771b
88	*4334*	2.0	+ 9 7	9.5	*10.0*	F8	3	..	21771b
89	4257	2.0	+ 3 44	9.3	*10.1*	G5	2	..	14670b
90	5166	2.0	− 5 44	10.3	*11.5*	K5	1	..	40909b
91	5375	2.0	− 6 13	10.4	*10.9*	F8	1	..	40909b
92	5862	2.0	−17 1	9.8	*10.8*	Ko	3	..	39412b
93	5864	2.0	−17 18	9.4	*10.4*	Ko	4	..	39412b
94	5863	2.0	−17 43	9.4	*10.0*	Go	2	..	39412b
95	5718	2.0	−19 29	8.8	10.0	G5	2	..	39412b
96	13905	2.0	−36 34	10.2	11.2	Ko	1	..	39648b
97	13634	2.0	−45 9	9.5	10.1	F5	3	..	39673b
98	13009	2.0	−49 10	11.6	10.8	Ko	2	..	39668b
99	3096	2.0	−69 30	*8.5*	9.5	Ko	6	..	20541b
100	..	2.1	+75 21	..	..	K	1	..	6443m

190900 **$20^h\ 2^m.1$**

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	1425	2.1	+65 35	9.3	*9.3*	B8	2	..	37333i	51	14566	2.3	−27 18	8.1	9.9	Ko	3	..	40716b
2	1591	2.1	+63 34	8.7	*9.5*	G5	4	..	37333i	52	13913	2.3	−36 45	10.2	9.9	A5	2	..	20510b
3	3051	2.1	+45 15	10.0	*10.8*	G5	1	..	5816m	53	13883	2.3	−41 47	9.6	11.3	Ko	2	..	39673b
4	4368	2.1	+ 7 50	9.8	*10.3*	F8	2	..	21771b	54	11629	2.3	−52 1	7.6	9.6	G5	4	..	19920b
5	14172	2.1	−34 48	7.68	8.5	G5	6	..	40738b	55	7722	2.3	−58 45	*9.8*	10.8	Ko	1	..	39686b
6	13551	2.1	−37 22	10.0	11.2	K5	1	..	39648b	56	7587	2.3	−59 30	*10.4*	10.5	A2	2	..	39282b
7	*13879*	2.1	−40 59	8.0	9.2	Ko	7	..	39673b	57	6463	2.3	−61 7	*11.2*	11.2	Ao	1	..	39282b
8	13263	2.1	−47 0	10.6	11.0	Go	2	..	39668b	58	..	2.3	−62 49	..	..	Ko	1	..	40422b
9	12828	2.1	−50 44	9.2	9.6	A3	5	..	19920b	59	2501	2.3	−72 52	*9.3*	9.4	A2	2	..	42475b
10	4565	2.1	−63 45	*9.6*	10.1	F8	4	..	40422b	60	771	2.4	+76 13	6.43	*7.78*	Ma	7	0,8	37224i
11	3097	2.1	−69 21	*9.3*	10.1	G5	3	..	20541b	61	2046	2.4	+58 33	8.3	*8.4*	A2	2	..	38795i
12	1884	2.1	−74 13	*9.2*	10.2	Ko	1	..	45404b	62	*2318*	2.4	+56 3	8.8	*9.9*	K2	1	..	37971i
13	2171	2.2	+59 23	7.9	*8.9*	Ko	2	..	38795i	63	*2762*	2.4	+52 1	8.7	*10.1*	Ma	..	..	M
14	*3011*	2.2	+48 3	8.1	*8.5*	F5	3	..	37874i	64	2763	2.4	+51 33	6.28	*7.63*	Ma	4	5,4	37971i
15	2845	2.2	+46 56	8.8	*9.1*	Fo	5	..	5816m	65	3052	2.4	+45 48	9.3	*10.3*	Ko	4	..	5816m
16	*4015*	2.2	+41 0	7.62	*7.57*	B8	3	..	37947i	66	*3481*	2.4	+44 3	10.0	*10.0*	Ao	3	..	5816m
17	*3954*	2.2	+36 3	7.9	*8.9*	Ko	3	..	37891i	67	*3871*	2.4	+35 6	7.92	*7.75*	B3	2	..	37890i
18	3953	2.2	+35 31	7.01	..	Op	..	R	**76**,29	68	4002	2.4	+24 9	8.5	*9.1*	G	1	..	38016i
19	3952	2.2	+35 24	7.30	*7.06*	B	5	..	37890i	69	*4229*	2.4	+13 3	7.41	*8.59*	K5	2	..	37908i
20	4145	2.2	+16 36	8.4	*9.4*	Ko	2	..	37908i	70	4228	2.4	+12 40	var.	var.	Md	..	R	M
21	*4137*	2.2	+12 2	9.1	*9.1*	Ao	2	..	21771b	71	*4138*	2.4	+12 5	8.25	*8.59*	F2	5	..	21771b
22	4176	2.2	+10 18	8.52	*8.94*	F5	7	..	21771b	72	*4401*	2.4	+10 2	10.1	*11.3*	K5	1	..	21771b
23	4370	2.2	+ 7 42	9.1	*9.2*	A3	5	..	21771b	73	4337	2.4	+ 8 25	9.3	*9.4*	A2	3	..	21771b
24	4420	2.2	+ 0 19	9.1	*9.1*	Ao	2	..	14670b	74	4439	2.4	+ 6 31	8.5	*8.6*	A2	7	..	21771b
25	3913	2.2	− 0 34	8.5	*8.5*	Ao	5	..	14670b	75	4417	2.4	+ 5 59	8.9	*10.0*	K2	3	..	21771b
26	*5378*	2.2	− 5 56	10.3	*11.5*	K5	1	..	40909b	76	*3896*	2.4	− 0 53	9.5	*9.6*	A2	1	..	14657b
27	5377	2.2	− 6 3	10.3	*11.5*	K5	1	..	40909b	77	5363	2.4	− 9 17	9.2	*9.6*	F5	2	..	40909b
28	5376	2.2	− 6 36	9.2	*10.2*	Ko	1	..	40909b	78	5604	2.4	−18 32	9.2	*9.5*	Fo	4	..	39412b
29	5174	2.2	− 7 4	10.0	*11.1*	K2	1	..	40909b	79	5721	2.4	−19 6	7.01	7.3	B8	5	..	8358b
30	5236	2.2	−11 2	8.8	*10.0*	K5	1	..	40909b	80	17677	2.4	−30 46	9.7	10.2	Go	2	..	40716b
31	16820	2.2	−29 12	9.2	10.2	G5	1	..	40716b	81	13633	2.4	−39 1	8.7	9.3	F2	5	..	20510b
32	17675	2.2	−30 52	8.1	9.6	K5	3	..	40716b	82	13404	2.4	−46 17	10.1	10.4	F5	2	..	39668b
33	14742	2.2	−33 36	9.4	10.0	F8	1	..	40738b	83	4029	2.4	−64 14	*8.0*	8.4	F5	8	..	40422b
34	13908	2.2	−36 16	10.7	11.2	Go	1	..	39648b	84	4030	2.4	−64 55	*8.3*	8.9	Go	5	..	40422b
35	*13872*	2.2	−37 59	10.4	11.0	Fo	2	..	39648b	85	1067	2.4	−79 7	*9.3*	9.4	A2	3	..	21397b
36	13265	2.2	−47 28	7.6	9.3	Mb	6	..	39668b	86	655	2.5	+79 13	8.5	*9.5*	Ko	1	..	38512i
37	*4028*	2.2	−63 57	*10.4*	10.9	F8	1	..	40422b	87	*1223*	2.5	+68 3	9.0	*9.4*	F5	2	..	37333i
38	3714	2.2	−67 8	*9.6*	10.4	G5	3	..	20541b	88	2976	2.5	+50 10	7.32	*7.32*	Ao	3	..	38477i
39	719	2.3	+75 12	10.0	*11.4*	Ma	1	..	6443m	89	*3338*	2.5	+45 5	10.3	*10.4*	A2	2	..	5816m
40	1222	2.3	+67 35	4.66	*5.66*	Ko	..	0,R	**56**,98	90	3339	2.5	+44 49	10.3	*11.1*	G5	1	..	5816m
41	1267	2.3	+66 45	9.0	*9.0*	Ao	2	..	37333i	91	4033	2.5	+39 47	8.2	*8.0*	B	3	..	37891i
42	2317	2.3	+55 39	8.1	*9.2*	K2	1	..	37971i	92	3619	2.5	+27 30	8.2	*8.6*	F5	3	..	38016i
43	..	2.3	+46 38	..	..	A5	2	..	5816m	93	3896	2.5	+23 19	5.08	*4.91*	B3	..	0,10	**56**,98
44	2846	2.3	+46 24	8.8	*8.6*	Bp	5	R	5816m	94	4180	2.5	+10 46	6.97	*7.25*	Fo	9	..	21771b
45	3704	2.3	+32 19	9.1	*9.1*	Ao	2	..	37890i	95	4178	2.5	+10 18	8.72	*8.72*	Ao	8	..	21771b
46	3928	2.3	+22 26	8.0	*8.0*	Ao	4	..	38016i	96	4339	2.5	+ 8 21	8.6	*9.7*	K2	4	..	21771b
47	4416	2.3	+ 5 27	9.1	*9.5*	F5	5	..	14670b	97	*4441*	2.5	+ 7 4	9.5	*10.1*	Go	2	..	21771b
48	5505	2.3	−16 12	8.7	*9.7*	Ko	2	..	21929b	98	4440	2.5	+ 6 13	9.8	*10.2*	F5	2	..	21771b
49	5865	2.3	−17 6	9.6	*10.6*	Ko	3	..	39412b	99	4092	2.5	+ 2 50	9.1	*9.6*	F8	2	..	14670b
50	15824	2.3	−24 53	9.25	9.6	F5	4	..	40712b	100	5022	2.5	− 4 25	9.0	*9.0*	Ao	3	..	14657b

191000 — 20h 2m.5

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5242	2.5	− 8 36	9.1	*9.7*	Go	3	..	40909b
2	5364	2.5	− 9 38	9.0	*9.1*	A5	6	..	40909b
3	..	2.5	−12 44	..	..	A	1	..	21929b
4	15825	2.5	−24 21	9.1	9.4	G5	3	..	40712b
5	*14572*	2.5	−24 59	9.50	10.5	G5	1	..	40712b
6	13875	2.5	−38 54	11.4	11.3	Go	1	..	39648b
7	13755	2.5	−44 13	8.1	9.0	Ko	5	..	39673b
8	3475	2.5	−66 35	*10.2*	11.4	K5	1	..	20541b
9	2129	2.6	+57 20	7.88	*8.88*	Ko	1	..	37971i
10	4103	2.6	+25 24	8.6	*9.6*	Ko	2	..	38016i
11	*4179*	2.6	+15 0	8.09	*9.27*	K5	1	..	37908i
12	4340	2.6	+ 8 39	8.7	*9.9*	K5	2	..	21771b
13	*4442*	2.6	+ 7 7	10.5	*11.0*	F8	2	..	21771b
14	4349	2.6	+ 4 29	7.9	*9.0*	K2	6	..	14670b
15	5365	2.6	− 9 20	9.4	*10.4*	Ko	1	..	40909b
16	5562	2.6	−15 4	9.4	*9.4*	Ao	3	..	21929b
17	17680	2.6	−30 12	9.4	10.7	K5	1	..	40716b
18	14747	2.6	−33 18	9.4	10.0	G5	1	..	40738b
19	13877	2.6	−38 36	7.31	8.3	K2	7	..	20510b
20	13445	2.6	−48 52	11.0	11.1	Ao	1	..	39668b
21	2113	2.6	−73 10	*8.4*	9.0	Go	3	..	42475b
22	3026	2.7	+48 17	7.20	*7.76*	Go	3	..	37874i
23	3482	2.7	+43 31	9.8	*10.4*	Go	2	..	5816m
24	3905	2.7	+38 18	8.4	*8.4*	Ao	4	..	37891i
25	3873	2.7	+36 27	8.7	*8.8*	A2	2	..	37891i
26	3959	2.7	+35 42	5.52	*6.52*	Ko	..	0,8 R	56,98
27	3895	2.7	+30 55	8.8	*8.9*	A2	2	..	37890i
28	4350	2.7	+ 4 29	9.8	*9.9*	A5	4	..	14670b
29	4093	2.7	+ 2 10	7.09	*7.23*	A5	10	..	14670b
30	5177	2.7	− 7 3	6.93	*6.88*	B8	8	..	14149b
31	5175	2.7	− 7 31	9.0	*9.3*	Fo	3	..	40909b
32	5651	2.7	−12 24	9.6	*10.1*	F8	1	..	21929b
33	16012	2.7	−23 52	7.9	7.7	F8	8	..	40712b
34	17682	2.7	−30 44	8.9	9.4	G5	3	..	40716b
35	*13947*	2.7	−34 58	9.4	9.5	A3	2	..	40738b
36	13756	2.7	−44 37	11.6	11.0	A2	1	1,1	45073b
37	13642	2.7	−45 3	11.6	11.0	Ao	1	..	39598b
38	13643	2.7	−45 40	8.1	9.0	Ko	5	..	39598b
39	13644	2.7	−45 40	9.5	9.8	Ko	3	..	39598b
40	*13268*	2.7	−46 58	10.3	10.9	K2	2	..	39668b
41	9626	2.7	−54 20	8.8	9.1	F5	3	..	19920b
42	3027	2.8	+48 14	8.6	*8.9*	F	1	..	37874i
43	3053	2.8	+45 16	9.5	*9.5*	Ao	4	..	5816m
44	3340	2.8	+44 44	8.1	*8.4*	Fo	8	0,3	5816m
45	3906	2.8	+38 48	7.03	*8.10*	K2	4	..	37891i
46	3962	2.8	+35 57	7.17	*8.17*	Ko	3	..	37891i
47	3873	2.8	+34 51	8.02	*8.80*	G5	1	..	37890i
48	4047	2.8	+15 47	7.48	*7.46*	B9	6	..	37908i
49	5564	2.8	−15 19	6.79	*7.79*	Ko	10	..	21929b
50	5507	2.8	−16 49	10.0	*10.1*	A2	1	..	39412b
51	5625	2.8	−21 16	9.1	9.8	F5	2	..	40712b
52	14815	2.8	−26 14	8.9	9.6	G5	4	..	40716b
53	13918	2.8	−36 48	8.0	8.9	G5	6	..	20510b
54	14711	2.8	−42 48	9.5	10.1	Fo	3	..	39673b
55	13410	2.8	−46 18	10.1	10.7	Ko	2	..	39668b
56	4566	2.8	−63 55	*7.5*	7.5	Ao	9	..	40422b
57	4031	2.8	−64 4	*10.0*	10.1	A3	3	..	40422b
58	3715	2.8	−67 22	*9.4*	9.9	F8	4	..	20541b
59	*803*	2.8	−81 58	*8.9*	9.2	Fo	4	..	21397b
60	2980	2.9	+50 45	8.2	*8.2*	Ao	1	..	38477i
61	*3054*	2.9	+46 1	10.0	*11.0*	Ko	1	..	5816m
62	3484	2.9	+43 35	10.0	*10.6*	Go	2	..	5816m
63	3485	2.9	+43 18	9.5	*9.6*	A3	3	..	5816m
64	3741	2.9	+33 11	8.1	*8.1*	Ao	3	..	37890i
65	4434	2.9	+20 49	8.1	*8.7*	Go	3	..	38016i
66	4149	2.9	+16 44	7.7	*8.5*	G5	3	..	37908i
67	*3899*	2.9	− 0 58	6.04	*6.82*	G5	9	..	14657b
68	5648	2.9	−14 32	7.56	*8.34*	G5	7	..	21929b
69	5509	2.9	−16 0	8.2	*8.8*	Go	5	..	21929b
70	5722	2.9	−19 48	9.38	10.3	Ko	2	..	39412b
71	*16016*	2.9	−22 59	9.4	10.0	F5	6	..	40712b
72	16442	2.9	−28 14	8.7	9.6	Ko	3	..	40716b
73	14749	2.9	−33 40	7.9	8.1	B9	7	..	40738b
74	13950	2.9	−35 27	8.4	8.6	A2	6	..	20510b
75	13920	2.9	−36 51	11.1	11.0	A2	1	..	39648b
76	13827	2.9	−43 39	9.3	9.8	Go	3	..	39673b
77	6143	2.9	−62 28	*9.4*	10.2	G5	3	..	40422b
78	3476	2.9	−66 45	*11.2*	11.3	A3	3	..	20541b
79	337	3.0	+85 36	8.7	*8.8*	A5	3	..	37294i
80	*2848*	3.0	+47 0	10.3	*10.8*	F8	3	..	5816m
81	..	3.0	+44 20	..	..	K5	1	..	5816m
82	3707	3.0	+32 19	8.2	*8.2*	Ao	4	..	37890i
83	4225	3.0	+17 22	8.9	*9.0*	A2	2	0,2	38809i
84	4150	3.0	+16 22	7.08	*8.08*	Ko	3	..	37908i
85	5178	3.0	− 7 24	8.8	*9.6*	G5	3	..	40909b
86	5246	3.0	− 8 26	9.0	*9.1*	A5	5	..	40909b
87	5284	3.0	−10 36	7.20	*7.98*	G5	8	..	40909b
88	14577	3.0	−25 48	9.7	9.6	A2	3	..	40716b
89	14819	3.0	−26 31	7.6	8.1	F8	9	..	40716b
90	14750	3.0	−33 1	9.0	10.5	K5	1	..	40738b
91	14179	3.0	−34 10	7.18	7.6	B9	9	..	40738b
92	13561	3.0	−37 15	10.4	11.0	G5	1	..	39648b
93	13564	3.0	−37 16	10.2	11.0	Ko	1	..	39648b
94	12838	3.0	−50 6	9.32	10.5	Ko	4	..	39668b
95	9622	3.0	−57 49	6.50	7.3	Ao	10	..	39686b
96	*2324*	3.1	+56 3	6.18	*6.46*	Fo	9	..	37971i
97	*3055*	3.1	+46 0	9.0	*10.1*	K2	4	..	5816m
98	3341	3.1	+44 23	10.0	*10.4*	F5	2	..	5816m
99	3486	3.1	+43 9	10.3	*10.9*	Go	1	..	5816m
100	3590	3.1	+42 48	8.1	*8.1*	B8	5	..	1338f

191100 — 20h 3m.1

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4105	3.1	+25 54	8.2	*8.7*	F8	3	..	38016i
2	*4144*	3.1	+12 3	9.3	*9.3*	Ao	2	..	21771b
3	4406	3.1	+ 9 58	9.3	*9.7*	F5	4	..	21771b
4	*4344*	3.1	+ 9 6	6.38	*6.80*	F5	10	..	21771b
5	4374	3.1	+ 7 20	9.0	*10.1*	K2	3	..	21771b
6	4446	3.1	+ 6 50	10.5	*10.6*	A2	1	..	21771b
7	4788	3.1	− 3 41	8.4	*9.5*	K2	1	..	14149b
8	5024	3.1	− 4 51	9.20	*9.98*	G5	1	..	14149b
9	5180	3.1	− 7 42	9.4	*10.0*	Go	1	..	40909b
10	5285	3.1	−10 21	6.17	*6.17*	Ao	6	..	8377b
11	5870	3.1	−17 5	10.7	*10.7*	Ao	2	..	39412b
12	5607	3.1	−18 19	8.8	*9.4*	Go	4	..	39412b
13	16447	3.1	−28 44	7.05	8.1	G5	8	..	40716b
14	15751	3.1	−32 20	8.0	9.6	K5	2	..	40738b
15	13923	3.1	−36 18	9.6	10.4	Go	2	..	39648b
16	14714	3.1	−42 9	8.3	9.8	Ma	4	..	39673b
17	13763	3.1	−44 11	7.08	7.9	Ko	8	..	39673b
18	13646	3.1	−45 53	10.1	11.0	K5	1	..	45073b
19	13270	3.1	−47 38	8.9	9.3	F8	5	..	39668b
20	6465	3.1	−61 15	8.8	9.6	Ao	3	..	42680b
21	3098	3.1	−69 14	*8.3*	9.3	Ko	5	..	20541b
22	888	3.1	−81 55	*8.0*	8.6	G	5	..	21397b
23	894	3.2	+73 59	8.5	*9.5*	Ko	2	..	6443m
24	1427	3.2	+65 46	9.5	*9.5*	B8	3	..	37333i
25	3487	3.2	+43 17	9.8	*9.8*	Ao	2	..	5816m
26	*3946*	3.2	+32 0	9.1	*9.2*	A2	2	..	37890i
27	4345	3.2	+ 8 39	9.1	*9.2*	A3	2	..	21771b
28	4346	3.2	+ 8 31	9.1	*9.5*	F5	5	..	21771b
29	4375	3.2	+ 7 51	9.1	*9.4*	F2	4	..	21771b
30	5565	3.2	−15 42	8.6	*10.0*	Ma	3	..	21929b
31	16448	3.2	−28 14	8.1	8.4	Fo	6	..	40716b
32	14182	3.2	−34 50	9.08	9.5	Ko	3	..	40738b
33	13647	3.2	−45 40	9.0	9.9	Ko	3	2,1	39598b
34	7383	3.2	−60 46	9.3	11.1	K2	2	..	39282b
35	*1428*	3.3	+66 1	10.3	*10.3*	A	1	..	37333i
36	2850	3.3	+46 38	10.0	*10.4*	F5	3	..	5816m
37	3488	3.3	+43 53	10.3	*10.3*	Ao	2	..	5816m
38	3909	3.3	+38 34	8.6	*8.6*	A	2	..	37891i
39	*3966*	3.3	+36 7	8.1	*8.0*	B5	2	R	37947i
40	4291	3.3	+19 33	8.3	*8.6*	Fo	1	E	38016i
41	4151	3.3	+16 30	8.7	*9.9*	K5	1	..	38900i
42	4188	3.3	+14 54	9.0	*9.1*	A2	1	..	38900i
43	4377	3.3	+ 7 21	9.1	*10.3*	K5	1	..	21771b
44	3922	3.3	− 0 35	8.1	*9.3*	K5	3	..	14670b
45	3901	3.3	− 1 16	9.1	*9.9*	G5	1	..	14657b
46	*5026*	3.3	− 3 56	9.0	*9.1*	A2	2	..	14149b
47	5169	3.3	− 5 24	8.6	*9.6*	Ko	3	..	40909b
48	5183	3.3	− 7 18	8.1	*8.1*	Ao	7	..	40909b
49	5247	3.3	− 8 50	9.4	*9.8*	F5	1	..	40909b
50	5513	3.3	−16 36	9.8	*9.9*	A2	4	..	39412b
51	13924	3.3	−36 20	10.0	10.2	F2	2	..	39648b
52	13566	3.3	−37 25	10.2	11.0	K2	2	..	39648b
53	13565	3.3	−37 49	9.8	10.2	Go	2	..	39648b
54	9431	3.3	−56 31	8.7	9.7	F5	4	5,3	39686b
55	7384	3.3	−60 14	8.2	10.5	Mc	4	0,2	39686b
56	*3343*	3.4	+45 3	9.07	*9.49*	F5	4	..	5816m
57	..	3.4	+43 34	..	..	Ao	2	..	5816m
58	3880	3.4	+36 33	6.88	*6.88*	Ao	7	..	37891i
59	4292	3.4	+19 33	8.3	*8.6*	Fo	1	E	38016i
60	4419	3.4	+ 5 36	9.1	*9.4*	Fo	4	..	14670b
61	5287	3.4	−10 37	8.8	*9.4*	Go	6	..	40909b
62	*5653*	3.4	−11 57	8.6	*8.7*	A2	5	..	21929b
63	16019	3.4	−23 10	9.7	9.1	A2	5	..	40712b
64	15837	3.4	−24 19	9.9	9.0	A3	4	..	40712b
65	14582	3.4	−25 42	10.4	10.5	G	1	..	40712b
66	16449	3.4	−28 1	8.5	9.4	F8	4	..	40716b
67	16834	3.4	−29 48	8.73	10.2	K2	2	..	40716b
68	13955	3.4	−35 54	7.6	8.2	Fo	9	..	20510b
69	14716	3.4	−42 46	9.9	11.5	Mb	2	..	39673b
70	11632	3.4	−52 37	*10.2*	10.8	Go	1	..	19920b
71	7384	3.4	−60 14	var.	var.	Mc	..	R	M
72	..	3.4	−65 44	..	..	K2	2	..	39282b
73	889	3.4	−81 9	*9.2*	9.8	G	1	..	21397b
74	1593	3.5	+63 36	6.18	*6.24*	A2	10	..	37333i
75	3056	3.5	+45 37	8.8	*8.9*	A2	7	2,3	5816m
76	3772	3.5	+37 26	8.2	*8.2*	Ao	3	..	37891i
77	3712	3.5	+32 31	9.2	*9.6*	F5	1	..	37890i
78	4153	3.5	+16 24	6.67	*8.02*	Ma	4	..	37908i
79	4053	3.5	+15 53	8.3	*9.1*	G5	1	..	37908i
80	4410	3.5	+ 9 49	10.5	*10.8*	Fo	1	..	21771b
81	5514	3.5	−16 13	9.6	*10.1*	F8	4	..	39412b
82	5515	3.5	−16 26	9.4	*10.4*	Ko	2	..	39412b
83	5724	3.5	−19 42	8.6	8.8	A2	7	..	39412b
84	13957	3.5	−35 38	8.0	8.2	A3	8	..	20510b
85	13927	3.5	−36 44	10.4	10.4	Go	2	..	39648b
86	13886	3.5	−38 52	8.1	9.3	K2	5	..	20510b
87	13893	3.5	−41 27	8.4	8.7	F5	6	..	39673b
88	13767	3.5	−44 8	9.9	11.0	K5	1	..	39673b
89	13418	3.5	−46 30	9.0	9.9	Ma	3	..	39668b
90	13275	3.5	−47 2	7.0	8.0	Ko	8	..	39668b
91	13274	3.5	−47 30	9.3	10.6	G5	2	..	39668b
92	12843	3.5	−50 16	9.3	10.5	Go	4	..	39668b
93	9819	3.5	−53 38	8.6	9.3	F8	4	..	19920b
94	4567	3.5	−63 27	*10.4*	10.9	F8	2	..	40422b
95	2623	3.6	+52 51	5.72	*6.16*	F5	8	0,8	37971i
96	..	3.6	+46 40	..	..	A	1	..	5816m
97	*3058*	3.6	+46 3	9.6	*9.6*	Ao	3	..	5816m
98	3059	3.6	+45 12	10.3	*10.8*	F8	1	..	5816m
99	3491	3.6	+43 36	10.0	*10.5*	F8	1	..	5816m
100	3489	3.6	+43 10	9.8	*10.3*	F8	1	..	5816m

191200 — $20^h\ 3^m.6$

	H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
			m.	° ′						
1	3970		3.6	+35 26	7.12	*6.88*	Bo	6	3,5	37891i
2	4393		3.6	+18 35	8.1	*8.1*	B9	4	..	38809i
3	4154		3.6	+16 46	8.5	*9.6*	K2	1	..	38809i
4	4146		3.6	+11 26	7.9	*7.9*	Ao	4	*1*,8	38900i
5	4147		3.6	+11 19	7.7	*8.7*	Ko	7	0,2	21771b
6	4184		3.6	+10 56	9.5	*10.6*	K2	1	..	21771b
7	4411		3.6	+ 9 44	10.1	*10.1*	Ao	3	..	21771b
8	4381		3.6	+ 7 14	10.5	*11.0*	F8	2	..	21771b
9	4354		3.6	+ 4 44	9.1	*9.7*	Go	5	..	14670b
10	5383		3.6	− 6 20	10.3	*10.4*	A3	1	..	40909b
11	5517		3.6	−16 48	9.6	*10.6*	Ko	3	..	39412b
12	5725		3.6	−19 9	10.3	10.4	F8	2	..	39412b
13	14584		3.6	−25 50	9.4	10.0	F8	1	..	40712b
14	16837		3.6	−29 20	9.7	10.2	A2	1	..	40716b
15	13930		3.6	−36 11	10.2	11.2	Ma	1	..	39648b
16	*13569*		3.6	−36 57	8.0	9.3	K2	5	..	20510b
17	13766		3.6	−44 26	9.7	9.9	A5	4	*3*,3	45073b
18	4568		3.6	−63 12	*9.4*	10.4	Ko	3	.:	40422b
19	4032		3.6	−64 9	*8.5*	9.5	Ko	6	..	40422b
20	695		3.6	−83 37	6.26	6.0	A2	8	*2*,10	6472b
21	773		3.7	+76 42	9.6	*10.7*	K2	1	..	6443m
22	3060		3.7	+45 16	9.37	*10.15*	G5	3	..	5816m
23	3344		3.7	+44 38	10.3	*10.3*	Ao	2	..	5816m
24	3345		3.7	+44 22	9.3	*9.3*	Ao	5	..	5816m
25	3774		3.7	+37 22	8.4	*8.4*	Ao	2	..	37891i
26	3883		3.7	+36 17	7.44	*8.62*	K5	3	R	37891i
27	3880		3.7	+34 27	8.4	*8.5*	A5	1	0,3-	37890i
28	4148		3.7	+11 18	9.1	*9.2*	A2	2	..	21771b
29	4186		3.7	+10 48	8.7	*9.9*	K5	2	..	21771b
30	4453		3.7	+ 6 18	9.3	*9.4*	A3	3	..	21771b
31	3926		3.7	− 0 27	7.5	*7.5*	B9	7	..	14670b
32	5288		3.7	−10 48	8.6	*9.6*	Ko	5	..	40909b
33	5655		3.7	−12 26	9.2	*9.2*	Ao	5	..	21929b
34	16453		3.7	−28 34	9.5	10.5	K5	1	..	40716b
35	16841		3.7	−29 56	8.73	8.7	Go	5	..	40716b
36	13017		3.7	−49 7	9.5	11.1	Ko	1	..	39668b
37	13018		3.7	−49 24	8.0	9.6	F8	6	..	39668b
38	*9434*		3.7	−55 57	8.6	9.3	F5	5	..	39686b
39	3716		3.7	−67 33	*9.0*	10.1	K2	4	..	20541b
40	*3062*		3.8	+46 1	var.	var.	A2	5	R	5816m
41	3061		3.8	+45 24	8.7	*9.1*	F5	6	..	5816m
42	*3593*		3.8	+43 7	10.3	*10.3*	Ao	2	..	5816m
43	3881		3.8	+34 8	6.07	*6.02*	B8	6	..	37891i
44	3953		3.8	+31 48	8.0	*8.0*	Ao	4	R	37890i
45	3904		3.8	+30 33	9.3	*9.3*	A	1	..	37894i
46	4414		3.8	+ 9 46	7.47	*8.47*	Ko	8	..	21771b
47	4454		3.8	+ 6 46	8.7	*8.7*	Ao	7	..	21771b
48	5370		3.8	− 9 30	9.8	*10.6*	G5	2	..	40909b
49	5726		3.8	−19 11	9.2	9.4	A2	5	..	39412b
50	*5629*		3.8	−20 53	7.30	8.0	F2	9	..	39412b
51	5630		3.8	−21 45	10.0	10.0	Ao	2	..	40712b
52	13894		3.8	−41 28	9.1	10.2	G5	2	..	39673b
53	13769		3.8	−44 3	9.9	10.9	Ko	1	..	39673b
54	13421		3.8	−46 9	10.6	11.0	A2	1	..	45073b
55	4569		3.8	−63 12	*8.8*	9.2	F5	5	..	40422b
56	*3492*		3.9	+44 7	9.8	*9.8*	Ao	1	..	5816m
57	3913		3.9	+38 21	7.9	*7.9*	Ao	4	..	37891i
58	3906		3.9	+30 32	8.4	*9.4*	Ko	1	..	38794i
59	4442		3.9	+20 15	8.25	*8.31*	A2	3	..	38016i
60	4295		3.9	+19 56	7.9	*8.2*	F2	5	..	38016i
61	4395		3.9	+18 20	8.1	*8.1*	Ao	4	..	38809i
62	4057		3.9	+15 24	7.79	*8.57*	G5	3	..	37908i
63	4189		3.9	+10 26	6.23	*6.11*	B5	8	*2*,9	37908i
64	4212		3.9	+ 1 21	8.1	*8.7*	Go	5	..	14670b
65	5384		3.9	− 6 51	9.8	*9.9*	A3	2	..	40909b
66	5727		3.9	−19 33	9.4	10.6	G5	2	..	39412b
67	5830		3.9	−20 39	9.4	10.0	A2	4	..	39412b
68	5346		3.9	−22 26	9.1	9.8	Go	2	..	40712b
69	14827		3.9	−26 10	8.5	8.6	Go	6	..	40716b
70	16458		3.9	−28 0	8.9	8.9	A2	5	..	40716b
71	17357		3.9	−31 27	7.7	8.5	Fo	6	..	40738b
72	13653		3.9	−39 31	9.0	11.3	K5	2	..	39648b
73	13836		3.9	−43 54	8.1	8.3	A3	8	..	39673b
74	13277		3.9	−47 31	9.2	9.9	G5	4	..	39668b
75	..		3.9	−66 10	..	..	K2	1	..	39282b
76	1594		4.0	+63 29	9.3	*9.9*	G	1	..	37333i
77	1970		4.0	+61 42	5.57	*6.57*	Ko	9	..	37333i
78	2852		4.0	+46 13	10.3	*10.3*	Ao	2	..	5816m
79	3624		4.0	+27 56	8.2	*8.3*	A3	3	..	38016i
80	4059		4.0	+15 36	9.1	*9.1*	Ao	2	..	38900i
81	4455		4.0	+ 6 24	8.7	*9.9*	K5	2	..	21771b
82	4423		4.0	+ 5 38	9.1	*9.1*	B9	6	..	14670b
83	5185		4.0	− 7 28	10.0	*11.0*	Ko	1	..	40909b
84	5372		4.0	− 9 9	10.0	*11.0*	Ko	1	..	40909b
85	5652		4.0	−14 34	9.2	*10.2*	Ko	1	..	21929b
86	5518		4.0	−16 13	10.0	*10.1*	A2	2	..	39412b
87	5609		4.0	−18 38	8.0	*8.0*	B9	8	..	39412b
88	14588		4.0	−25 15	9.2	10.1	F5	1	..	40712b
89	890		4.0	−81 35	*8.5*	8.5	Ao	6	..	21397b
90	3915		4.1	+38 10	8.2	*9.2*	K	1	..	37891i
91	3882		4.1	+34 49	7.72	*7.72*	Ao	4	..	37891i
92	3715		4.1	+32 18	7.7	*7.7*	B9	4	..	37890i
93	3623		4.1	+27 31	8.6	*8.6*	Ao	3	..	38016i
94	*4113*		4.1	+26 4	8.1	*8.4*	Fo	5	..	38016i
95	4153		4.1	+11 58	7.02	*7.00*	B9	6	0,7	37908i
96	4349		4.1	+ 8 36	9.0	*10.2*	K5	2	..	21771b
97	4424		4.1	+ 5 17	9.11	*9.11*	Ao	5	..	14670b
98	5249		4.1	− 8 42	9.2	*10.2*	Ko	1	..	40909b
99	5631		4.1	−21 49	8.6	9.4	F5	6	..	39412b
100	14590		4.1	−25 29	8.9	9.8	K2	2	..	40716b

191300 — $20^h\ 4^m.1$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14589	4.1	−25 35	7.24	8.0	Fo	8	..	40716b
2	17699	4.1	−30 6	8.7	9.3	Fo	4	..	40716b
3	17359	4.1	−31 49	8.9	10.0	Ko	1	..	40738b
4	14766	4.1	−33 51	7.82	9.0	K2	4	..	40738b
5	13840	4.1	−43 46	7.96	8.0	Fo	8	..	39673b
6	13449	4.1	−48 41	9.2	9.6	A3	7	..	39668b
7	4570	4.1	−63 48	*9.6*	10.6	Ko	2	..	40422b
8	3717	4.1	−67 46	*8.9*	9.3	F5	5	..	20541b
9	*2547*	4.1	−70 58	*8.8*	9.8	Ko	3	..	42475b
10	1595	4.2	+63 25	8.8	*9.4*	Go	2	..	37333i
11	*3063*	4.2	+46 0	10.0	*11.2*	K5	1	..	5816m
12	3803	4.2	+26 55	8.0	*8.0*	B9	7	..	38016i
13	4350	4.2	+ 8 35	9.1	*10.1*	Ko	4	..	21771b
14	4434	4.2	+ 0 41	8.6	*8.7*	A2	4	..	14670b
15	3902	4.2	− 1 35	7.7	*8.7*	Ko	3	..	14657b
16	*5188*	4.2	− 1 56	8.8	*9.8*	Ko	1	..	14657b
17	*4793*	4.2	− 2 53	7.9	*8.2*	Fo	6	..	14657b
18	4794	4.2	− 3 14	8.5	*8.6*	A2	6	..	14657b
19	5373	4.2	− 9 27	8.8	*8.9*	A2	6	..	40909b
20	5290	4.2	−10 26	8.8	*9.4*	Go	6	..	40909b
21	5654	4.2	−14 34	9.0	*10.0*	Ko	3	..	21929b
22	5875	4.2	−17 24	8.4	*8.4*	B9	6	..	39412b
23	5729	4.2	−19 7	10.4	10.6	Go	2	..	39412b
24	5831	4.2	−20 41	9.2	10.6	K5	2	..	39412b
25	11634	4.2	−52 33	7.8	9.7	K5	3	..	19920b
26	9633	4.2	−54 9	8.1	9.0	Ko	5	..	19920b
27	891	4.2	−81 12	*9.1*	10.1	K	1	..	21397b
28	383	4.2	−86 34	*8.3*	9.5	K5	4	..	22980b
29	3195	4.3	+49 57	6.52	*6.58*	A2	8	*2,7*	38477i
30	..	4.3	+45 48	..	..	Ao	1	..	5816m
31	3347	4.3	+44 52	7.47	*8.25*	G5	4	5,9	37347i
32	3346	4.3	+44 43	9.5	*9.5*	Ao	4	..	5816m
33	3495	4.3	+43 43	7.9	*7.9*	Ao	3	*1,9*	37874i
34	*3718*	4.3	+33 7	8.1	*9.1*	Ko	1	..	37891i
35	*3717*	4.3	+33 6	9.3	*9.3*	A	1	..	37891i
36	4070	4.3	+21 20	8.4	*8.4*	Ao	3	..	38016i
37	4236	4.3	+12 44	7.9	*7.8*	B5	5	5,4 R	38900i
38	*4154*	4.3	+12 6	8.5	*8.6*	A2	3	0,1	21771b
39	4190	4.3	+10 39	9.5	*10.1*	Go	2	..	21771b
40	4418	4.3	+ 9 23	9.3	*10.3*	Ko	2	..	10153b
41	*4384*	4.3	+ 8 7	9.1	*9.4*	F2	4	..	21771b
42	5189	4.3	− 2 40	8.2	*8.3*	A3	5	..	14657b
43	*5186*	4.3	− 6 54	9.8	*10.6*	G5	2	..	40909b
44	5730	4.3	−19 33	9.2	10.8	Ko	1	..	39412b
45	*5832*	4.3	−19 56	9.6	10.9	K2	1	..	39412b
46	5348	4.3	−22 31	9.2	10.3	G5	1	..	40712b
47	13893	4.3	−38 29	10.0	11.3	Go	1	..	39648b
48	13894	4.3	−38 41	10.4	11.0	A5	1	..	39648b
49	*13775*	4.3	−43 58	6.70	7.8	G5	9	..	39673b
50	7387	4.3	−60 33	8.9	9.0	F2	5	*2,4*	39686b
51	..	4.3	−65 20	..	..	Ao	2	..	39282b
52	774	4.4	+76 33	9.3	*10.3*	Ko	2	..	6443m
53	3022	4.4	+47 54	8.1	*8.6*	F8	4	..	37874i
54	3497	4.4	+43 32	10.3	*11.3*	Ko	1	..	5816m
55	3496	4.4	+43 18	10.0	*11.1*	K2	1	..	5816m
56	*3909*	4.4	+30 0	7.96	*9.14*	K5	1	..	38794i
57	4015	4.4	+24 28	7.9	*8.7*	G5	3	..	38016i
58	4016	4.4	+24 21	8.0	*8.8*	G5	2	..	38016i
59	4071	4.4	+21 52	7.11	*8.11*	Ko	5	..	38016i
60	*4447*	4.4	+21 7	8.7	*8.8*	A2	1	..	38016i
61	4155	4.4	+11 13	9.1	*10.3*	K5	1	..	21771b
62	4456	4.4	+ 6 59	8.7	*8.7*	Ao	7	..	21771b
63	4425	4.4	+ 5 23	8.7	*9.7*	Ko	5	..	14670b
64	4267	4.4	+ 3 55	10.5	*10.6*	A2	2	..	14670b
65	5593	4.4	−13 20	8.0	*8.5*	F8	6	..	21929b
66	5877	4.4	−17 4	10.3	*10.9*	Go	1	..	39412b
67	17702	4.4	−30 4	9.43	10.7	Ko	1	..	40716b
68	17363	4.4	−31 53	8.9	9.6	A5	2	..	40738b
69	13967	4.4	−35 4	9.4	9.9	K2	1	..	40738b
70	13895	4.4	−38 32	9.4	11.0	G5	2	..	39648b
71	7724	4.4	−58 25	7.8	8.1	G5	7	..	39686b
72	1226	4.5	+67 45	6.56	*7.91*	Ma	7	..	37333i
73	2286	4.5	+54 22	8.1	*8.5*	F5	3	*3,2*	38807i
74	2854	4.5	+46 51	8.7	*8.7*	Ao	2	*1,8*	37874i
75	3064	4.5	+45 45	10.3	*10.8*	F8	1	..	5816m
76	3499	4.5	+43 42	8.9	*9.5*	G	3	..	5816m
77	3498	4.5	+43 39	8.1	*8.9*	G5	2	*5,7*	37874i
78	3891	4.5	+36 43	9.0	*9.1*	A5	1	..	37891i
79	3892	4.5	+36 23	8.4	*9.8*	Ma	4	*5,2*	16369m
80	3962	4.5	+31 49	8.8	*9.3*	F8	1	..	37890i
81	*4116*	4.5	+26 0	7.8	*7.6*	B3	6	..	38016i
82	4162	4.5	+16 39	6.96	*8.03*	K2	4	..	37908i
83	4191	4.5	+10 38	8.5	*8.5*	B9	3	..	10153b
84	4386	4.5	+ 7 19	9.8	*9.8*	Ao	2	..	21771b
85	4426	4.5	+ 5 48	9.8	*10.3*	F8	2	..	10153b
86	4099	4.5	+ 2 16	9.5	*9.5*	Ao	3	..	14670b
87	5188	4.5	− 7 28	10.0	*10.6*	Go	1	..	40909b
88	5189	4.5	− 7 29	10.3	*10.3*	Ao	2	..	40909b
89	5656	4.5	−12 18	9.2	*9.6*	F5	4	..	21929b
90	5594	4.5	−13 7	8.5	*8.5*	Ao	5	..	21929b
91	5833	4.5	−20 46	9.0	10.0	K5	4	..	39412b
92	14595	4.5	−25 14	8.3	8.9	Ko	5	..	40716b
93	14728	4.5	−42 32	10.1	11.3	Go	1	..	39598b
94	*3618*	4.6	+42 6	7.01	*8.01*	Ko	5	..	37874i
95	4049	4.6	+39 28	8.5	*8.3*	B2	2	..	37947i
96	3783	4.6	+37 50	8.0	*7.8*	B	6	R	16369m
97	3781	4.6	+37 40	7.8	*8.2*	F5	4	..	37891i
98	*3910*	4.6	+30 3	8.71	*8.71*	Ao	1	..	38794i
99	*3941*	4.6	+23 8	8.1	*8.1*	B9	4	..	38016i
100	4063	4.6	+15 48	8.57	*9.64*	K2	1	..	38900i

191400 — 20h 4m.6

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4192	4.6	+10 30	7.48	*7.48*	Ao	4	2,4	37908i
2	4360	4.6	+ 4 42	9.1	*10.3*	K5	1	..	14670b
3	5251	4.6	− 8 22	9.2	*9.8*	Go	3	..	40909b
4	5245	4.6	−11 38	9.0	*9.0*	Ao	5	..	21929b
5	5520	4.6	−16 44	10.3	*10.8*	F8	1	..	39412b
6	*17368*	4.6	−30 57	8.9	10.8	Ko	1	..	40716b
7	15769	4.6	−32 37	7.51	7.7	Ao	9	..	40738b
8	13940	4.6	−36 21	5.34	7.1	K5p	..	R	56,145
9	13659	4.6	−39 43	10.9	11.5	Go	1	..	39648b
10	13427	4.6	−46 53	10.6	10.9	G5	2	..	45073b
11	12425	4.6	−51 1	8.1	9.0	Go	6	..	19920b
12	7725	4.6	−58 18	9.3	9.0	Ao	5	..	39686b
13	3844	4.6	−65 2	*10.6*	11.0	F5	4	..	39282b
14	3843	4.6	−65 34	*10.4*	10.9	F8	1	..	20427b
15	1069	4.6	−79 44	*9.2*	9.2	Ao	3	..	21397b
16	1103	4.7	+68 51	8.9	*9.0*	A5	3	..	37333i
17	1972	4.7	+61 11	8.7	*9.8*	K2	2	..	38795i
18	3202	4.7	+49 19	8.9	*10.3*	Ma	..	R	M
19	2855	4.7	+46 8	10.3	*11.4*	K2	1	..	5816m
20	3065	4.7	+45 42	8.1	*8.2*	A3	3	0,2 R	37349i
21	..	4.7	+44 45	..	..	F5	1	..	5816m
22	3349	4.7	+44 18	8.1	*8.1*	B9	8	..	5816m
23	3599	4.7	+42 19	7.9	*7.7*	B	3	..	37902i
24	3784	4.7	+37 51	8.6	*8.6*	Ao	4	..	37891i
25	3964	4.7	+31 15	8.1	*9.2*	K2	2	..	37890i
26	*4233*	4.7	+18 3	8.9	*8.9*	Ao	2	..	38809i
27	5190	4.7	− 7 16	10.0	*11.1*	K2	1	..	40909b
28	5253	4.7	− 8 36	9.6	*9.7*	A3	4	..	40909b
29	5294	4.7	−10 49	9.0	*10.4*	Mb	3	..	40909b
30	5597	4.7	−13 18	8.2	*8.3*	A5	7	..	21929b
31	5598	4.7	−13 50	9.2	*9.7*	F8	3	..	21929b
32	5521	4.7	−16 6	9.8	*10.9*	K2	1	..	39412b
33	*5878*	4.7	−16 59	10.7	*11.7*	Ko	1	..	39412b
34	5731	4.7	−19 41	7.26	7.7	F8	10	..	39412b
35	5636	4.7	−21 12	9.4	9.8	F8	4	..	39412b
36	5635	4.7	−21 36	9.0	10.3	K5	2	0,1	39412b
37	13283	4.7	−47 22	8.7	9.5	F8	5	..	39668b
38	13454	4.7	−48 50	9.5	11.1	Ko	2	..	39668b
39	7591	4.7	−59 5	8.6	9.0	B9	6	..	39686b
40	1586	4.7	−75 36	*9.3*	9.4	A5	4	..	42793b
41	1269	4.8	+66 10	8.7	*8.8*	A2	2	..	37333i
42	1791	4.8	+62 48	8.3	*9.3*	Ko	4	..	37333i
43	1790	4.8	+62 27	8.7	*9.2*	F8	3	..	37333i
44	3350	4.8	+44 56	8.02	*9.09*	K2	6	0,1-	5816m
45	3639	4.8	+28 24	8.2	*9.4*	K5	1	..	38794i
46	4402	4.8	+18 48	7.01	*8.01*	Ko	5	0,3	38809i
47	3931	4.8	− 0 0	8.98	*10.05*	K2	2	..	14670b
48	5295	4.8	−10 4	9.1	*9.7*	Go	3	..	40909b
49	5657	4.8	−12 3	9.4	*9.8*	F5	4	..	21929b
50	5657	4.8	−14 0	9.4	*10.8*	Ma	1	..	21929b
51	13579	4.8	−37 32	8.7	8.7	A2	6	0,5	39648b
52	..	4.8	−64 29	..	..	F8	1	..	39282b
53	1587	4.8	−75 8	*8.9*	9.3	F5	5	..	42793b
54	3025	4.9	+47 16	8.2	*8.5*	Fo	3	..	37874i
55	3066	4.9	+45 15	8.14	*8.92*	G5	2	5,7	37874i
56	3896	4.9	+36 23	8.5	*8.3*	B3	5	..	37891i
57	..	4.9	+ 4 41	..	..	Mb	1	..	37599b
58	4269	4.9	+ 3 38	10.1	*11.5*	Ma	2	..	37599b
59	5034	4.9	− 4 18	9.1	*9.9*	G5	2	..	14149b
60	5256	4.9	− 8 51	10.0	*10.6*	Go	1	..	40909b
61	5659	4.9	−12 36	10.3	*10.9*	Go	1	..	21929b
62	15855	4.9	−24 19	8.9	9.8	K5	2	..	40712b
63	13849	4.9	−43 21	8.6	8.7	Fo	6	..	39673b
64	13658	4.9	−45 40	9.2	10.1	Ko	3	..	39598b
65	13285	4.9	−47 46	9.5	10.7	Go	2	..	39668b
66	9627	4.9	−57 9	8.5	9.0	B9	5	*1,7*	40950b
67	4033	4.9	−64 36	*11.2*	11.3	A5	3	..	39282b
68	3845	4.9	−65 18	*9.2*	9.5	F2	3	..	20427b
69	657	5.0	+79 16	7.9	*8.9*	Ko	3	..	38512i
70	2856	5.0	+46 30	9.5	*10.0*	F8	5	..	5816m
71	3067	5.0	+45 59	9.5	*10.0*	F8	3	..	5816m
72	3787	5.0	+37 39	9.2	*9.3*	A5	1	..	37891i
73	3900	5.0	+36 57	8.6	*8.4*	B	2	..	37947i
74	3808	5.0	+26 56	8.8	*8.8*	Ao	3	..	38016i
75	4235	5.0	+17 50	8.1	*8.2*	A2	2	..	38809i
76	*4165*	5.0	+17 8	7.9	*9.1*	K5	1	0,1	38809i
77	*4271*	5.0	+ 4 4	8.7	*9.0*	F2	4	..	14670b
78	4216	5.0	+ 1 55	9.3	*9.9*	Go	2	..	14670b
79	*5390*	5.0	− 5 56	9.6	*9.7*	A2	3	..	40909b
80	5377	5.0	− 9 10	9.2	*9.3*	A5	3	..	40909b
81	5638	5.0	−21 8	9.6	10.8	K5	1	..	39412b
82	5639	5.0	−21 19	9.0	9.7	F8	5	..	39412b
83	5637	5.0	−21 36	8.6	9.8	K2	4	..	39412b
84	14839	5.0	−26 44	9.7	10.1	Ko	1	..	40716b
85	13429	5.0	−46 20	10.6	10.9	Go	1	..	45073b
86	12856	5.0	−50 32	9.3	10.2	F5	4	..	39668b
87	9628	5.0	−57 47	8.4	9.3	Go	4	..	39686b
88	4034	5.0	−64 10	*9.3*	10.1	G5	4	..	40422b
89	*1104*	5.1	+71 7	8.5	*8.5*	Ao	2	2,1	38067i
90	*2289*	5.1	+55 2	8.76	*8.76*	A	1	R	37971i
91	3351	5.1	+44 14	10.3	*11.4*	K2	1	..	5816m
92	3502	5.1	+43 28	8.3	*8.3*	Ao	2	*1,7*	37874i
93	3985	5.1	+35 52	8.0	*9.2*	K5	2	*5,1*	37891i
94	3988	5.1	+35 52	9.3	*9.3*	Ao	1	..	37890i
95	3987	5.1	+35 14	8.12	*7.93*	B2	2	..	37890i
96	3720	5.1	+32 54	7.7	*7.8*	A5	5	..	37891i
97	3906	5.1	+23 37	8.8	*8.8*	Ao	1	..	38016i
98	4404	5.1	+18 30	7.9	*8.0*	A2	5	..	38809i
99	4166	5.1	+16 31	7.7	*8.7*	Ko	3	..	37908i
100	5391	5.1	− 6 28	7.78	*8.34*	Go	8	..	40909b

191500 — 20h 5m.1

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	*14840*	5.1	−25 59	9.1	8.9	A2	5	..	40716b
2	16474	5.1	−28 56	9.4	9.5	Go	2	..	40716b
3	13951	5.1	−36 34	9.4	10.4	Ko	3	..	39648b
4	13851	5.1	−43 42	9.9	9.9	A3	3	..	39673b
5	13787	5.1	−44 34	9.3	9.5	Ao	5	0,4	39598b
6	7726	5.1	−58 47	9.2	10.7	Ko	2	..	39686b
7	6467	5.1	−61 51	7.22	7.1	B9	8	..	42680b
8	3354	5.2	+44 54	7.77	*8.55*	G5	3	5,8	37874i
9	3352	5.2	+44 42	10.3	*10.4*	A2	3	..	5816m
10	3353	5.2	+44 32	10.3	*10.4*	A3	2	..	5816m
11	3763	5.2	+33 22	8.4	*9.4*	Ko	1	..	37890i
12	*3917*	5.2	+31 6	8.0	*9.2*	K5	2	..	37890i
13	3907	5.2	+23 20	9.0	*9.0*	Ao	2	..	38016i
14	4066	5.2	+15 54	8.61	*9.61*	Ko	1	..	38900i
15	*4425*	5.2	+10 4	8.97	*8.97*	Ao	4	..	10153b
16	4273	5.2	+ 3 22	8.5	*8.6*	A3	5	..	14670b
17	5660	5.2	−12 9	9.4	*10.2*	G5	3	..	21929b
18	5599	5.2	−13 38	9.4	*9.9*	F8	2	..	21929b
19	5835	5.2	−20 17	10.3	10.8	Go	1	..	39412b
20	5640	5.2	−21 15	10.0	10.3	F5	3	..	39412b
21	16857	5.2	−29 0	7.32	9.0	Ko	7	..	40716b
22	17374	5.2	−31 6	8.5	9.3	F2	4	..	40716b
23	15776	5.2	−32 40	8.4	10.0	K2	1	..	40738b
24	13717	5.2	−40 23	9.8	10.4	Fo	3	..	39648b
25	13852	5.2	−43 55	10.3	11.5	G5	1	..	39598b
26	1432	5.3	+65 24	8.5	*8.9*	F5	3	..	37333i
27	2354	5.3	+56 24	8.0	*9.1*	K2	1	..	38807i
28	*3068*	5.3	+46 5	8.2	*8.3*	A2	5	0,7	37874i
29	4054	5.3	+39 30	7.26	*7.21*	B8	6	..	37891i
30	3765	5.3	+33 38	7.72	*7.70*	B9	5	..	37891i
31	4449	5.3	+20 48	8.2	*8.1*	B5	4	..	38016i
32	4407	5.3	+18 18	9.1	*9.1*	A	2	..	38809i
33	4358	5.3	+ 8 9	6.61	*7.11*	F8	10	..	10153b
34	3932	5.3	− 0 28	8.3	*8.4*	A2	4	..	14670b
35	*5195*	5.3	− 1 55	10.5	*11.9*	Mb	..	..	M
36	5836	5.3	−20 33	7.70	8.8	Ko	8	..	39412b
37	15861	5.3	−24 52	10.3	9.8	F8	1	..	40712b
38	15777	5.3	−32 9	8.0	9.6	K2	1	..	40738b
39	13955	5.3	−36 24	9.8	9.5	F5	4	..	39648b
40	13722	5.3	−40 2	10.4	11.8	K5	1	..	39648b
41	13719	5.3	−40 18	9.4	11.3	Ko	1	..	39648b
42	13434	5.3	−46 28	9.00	9.5	Ao	5	..	39598b
43	13028	5.3	−49 26	9.9	10.8	Ko	2	..	39668b
44	2774	5.4	+51 26	8.8	*9.8*	Ko	1	..	37971i
45	..	5.4	+46 56	..	..	A2	1	..	5816m
46	3505	5.4	+43 46	8.5	*9.1*	Go	7	..	5816m
47	4361	5.4	+ 8 41	9.3	*9.3*	B9	3	..	10153b
48	4432	5.4	+ 5 17	7.81	*8.15*	F2	8	..	14670b
49	4362	5.4	+ 4 35	9.8	*10.4*	Go	1	..	14670b
50	4802	5.4	− 3 26	9.0	*9.5*	F8	2	..	14149b
51	5614	5.4	−18 29	9.8	*10.4*	Go	2	..	39412b
52	5732	5.4	−19 16	9.8	10.9	Ko	2	..	39412b
53	*5837*	5.4	−19 56	9.48	10.3	Ko	3	..	39412b
54	14609	5.4	−27 38	9.5	9.5	Go	4	..	40716b
55	13792	5.4	−44 12	10.1	11.3	G5	1	..	39598b
56	13663	5.4	−45 10	9.9	11.0	K2	2	..	39598b
57	13435	5.4	−46 8	10.3	11.0	Go	2	..	45073b
58	13030	5.4	−49 44	9.9	10.8	Go	2	..	39668b
59	12857	5.4	−50 37	7.7	8.4	Fo	8	..	19920b
60	6146	5.4	−62 48	*7.2*	8.2	Ko	9	..	40422b
61	1397	5.4	−76 5	*9.3*	10.5	K5	1	..	42793b
62	448	5.5	+84 26	9.0	*9.0*	Ao	2	..	37294i
63	1414	5.5	+64 35	8.7	*9.7*	Ko	2	..	37333i
64	1597	5.5	+63 25	7.32	*7.32*	Ao	7	..	37333i
65	3507	5.5	+43 59	8.6	*8.6*	Ao	8	..	5816m
66	3994	5.5	+35 11	7.17	*7.00*	B3p	5	2,4 R	37890i
67		5.5	+35 11						
68	*3721*	5.5	+33 6	8.5	*8.5*	Ao	1	..	37890i
69	*3631*	5.5	+28 2	8.2	*9.6*	Ma	3	*5*,1	16254m
70	4453	5.5	+20 37	6.32	*6.66*	F2	8	R	38016i
71	4452	5.5	+20 36	7.29	*8.36*	K2	3	..	38016i
72	4237	5.5	+17 56	8.5	*9.6*	K2	1	..	38809i
73	*4427*	5.5	+10 2	8.52	*9.52*	Ko	3	..	10153b
74	4363	5.5	+ 8 58	8.6	*9.7*	K2	1	..	10153b
75	*5193*	5.5	− 6 55	9.2	*10.0*	G5	3	..	40909b
76	5602	5.5	−13 9	9.2	*9.6*	F5	3	..	21929b
77	5884	5.5	−17 16	8.4	*9.5*	K2	4	..	21929b
78	5642	5.5	−21 0	9.8	10.8	K5	1	..	39412b
79	15864	5.5	−24 32	8.1	8.0	A3	7	..	40712b
80	13956	5.5	−36 51	8.7	9.8	F8	3	..	39648b
81	13588	5.5	−37 16	10.0	9.9	Ao	3	..	39648b
82	13589	5.5	−37 39	10.9	10.4	F2	1	..	39648b
83	14732	5.5	−42 49	10.1	11.5	Ko	1	..	39598b
84	13855	5.5	−43 5	6.32	7.6	Ko	8	0,10	39673b
85	4035	5.5	−64 44	7.03	7.0	A2	10	..	40422b
86	2859	5.6	+46 22	9.3	*10.4*	K2	3	..	5816m
87	*3508*	5.6	+44 2	8.9	*9.0*	A2	7	..	5816m
88	3888	5.6	+34 26	8.4	*9.5*	K2	2	..	37890i
89	3766	5.6	+33 23	7.65	*8.83*	K5	2	..	37891i
90	3919	5.6	+29 26	8.0	*9.1*	K2	1	..	37890i
91	4241	5.6	+12 26	8.5	*9.7*	K5	2	..	37908i
92	4162	5.6	+11 14	8.7	*9.2*	F8	3	..	10153b
93	4428	5.6	+ 9 55	9.5	*9.6*	A2	3	..	10153b
94	4101	5.6	+ 2 24	9.0	*10.1*	K2	1	..	14670b
95	*4803*	5.6	− 2 59	8.8	*9.4*	Go	3	..	14657b
96	5615	5.6	−18 7	9.0	*10.0*	Ko	3	..	39412b
97	*5734*	5.6	−18 56	10.9	*11.3*	F5	1	..	39412b
98	5354	5.6	−22 14	8.0	8.5	F2	7	..	40712b
99	13723	5.6	−40 30	10.2	11.5	Ko	2	..	39648b
100	13910	5.6	−41 48	10.0	12.0	Go	2	R	39598b

191600 — $20^h\ 5^m.6$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	R	5.6	−41 48	10.0	11.5	Go	2	..	39598b
2	13032	5.6	−49 17	9.5	10.5	Go	3	..	39668b
3	4571	5.6	−63 43	6.20	*6.48*	Fo	8	..	43204b
4	3362	5.6	−68 44	*8.6*	9.8	K5	4	..	20541b
5	1589	5.6	−75 18	*8.5*	9.3	G5	5	..	42793b
6	*896*	5.7	+74 3	8.3	*8.7*	F5	4	3,4	6443m
7	1974	5.7	+61 25	8.5	*9.5*	Ko	2	..	38795i
8	2058	5.7	+58 51	8.7	*8.7*	Ao	2	..	38795i
9	2144	5.7	+57 31	7.04	*7.04*	Ao	7	..	37971i
10	3907	5.7	+36 33	4.82	*4.63*	B2p	..	R	56,98
11	3906	5.7	+36 12	8.6	*8.4*	B	2	..	37890i
12	3995	5.7	+35 26	8.2	*8.0*	B2	4	..	37890i
13	*3724*	5.7	+33 7	7.8	*7.8*	Ao	4	..	37891i
14	*3811*	5.7	+27 2	8.1	*9.3*	K5	1	0,1	38016i
15	4124	5.7	+25 15	7.86	*8.86*	Ko	2	..	38016i
16	4364	5.7	+ 4 37	9.1	*10.1*	Ko	2	..	14670b
17	3909	5.7	− 1 24	8.7	*8.7*	Ao	4	..	14657b
18	4804	5.7	− 3 47	8.4	*9.4*	Ko	1	..	14149b
19	5394	5.7	− 6 23	6.84	*6.84*	Ao	7	1,8	8604b
20	5196	5.7	− 7 16	10.5	*10.5*	Ao	1	..	40909b
21	5249	5.7	−11 27	9.0	*10.2*	K5	1	..	21929b
22	5576	5.7	−15 47	8.6	*9.1*	F8	3	..	21929b
23	5616	5.7	−18 52	9.8	*10.4*	Go	4	..	39412b
24	5839	5.7	−20 31	8.6	10.0	K5	4	..	39412b
25	16863	5.7	−29 14	9.2	10.2	G5	1	..	40716b
26	13910	5.7	−38 44	9.6	11.3	Go	2	..	39648b
27	13857	5.7	−43 16	9.7	10.8	G5	3	..	39598b
28	13796	5.7	−44 27	10.6	11.5	K2	1	..	39598b
29	13440	5.7	−46 24	10.1	10.1	G5	2	..	39598b
30	6147	5.7	−62 35	*7.9*	9.3	S	4	R	42680b
31	1072	5.7	−79 23	*8.1*	8.6	F8	6	..	21397b
32	897	5.8	+73 37	6.86	*7.86*	Ko	6	0,7	37224i
33	933	5.8	+72 42	8.1	*8.7*	G	2	..	37224i
34	934	5.8	+72 29	7.70	*7.70*	Ao	7	..	37224i
35	3046	5.8	+48 37	7.19	*7.53*	Fo	4	2,5-	23173i
36	3630	5.8	+41 56	7.9	*7.9*	Ao	4	..	37874i
37	*4365*	5.8	+ 9 6	8.9	*9.3*	F5	3	..	10153b
38	5263	5.8	− 8 16	9.8	*9.9*	A3	2	..	40909b
39	5382	5.8	− 9 9	6.45	*6.28*	B3	5	0,10	8377b
40	5525	5.8	−16 9	9.2	*9.5*	F2	2	..	39412b
41	5840	5.8	−20 26	9.8	10.6	Ko	2	..	39412b
42	13591	5.8	−37 10	10.0	11.6	Mb	1	..	39648b
43	13291	5.8	−47 49	9.5	10.1	F5	3	..	39668b
44	9834	5.8	−53 55	8.6	9.7	F5	4	..	19920b
45	9637	5.8	−54 54	9.3	10.2	Ko	1	..	42801b
46	7727	5.8	−58 18	*9.5*	9.9	F5	3	..	39686b
47	4036	5.8	−64 30	*8.6*	9.6	Ko	6	..	40422b
48	1599	5.9	+63 10	8.3	*9.1*	G5	4	..	37333i
49	2989	5.9	+50 18	7.52	*8.08*	Go	3	5,3	38807i
50	4036	5.9	+40 49	8.4	*8.4*	Ao	2	..	37902i
51	3726	5.9	+32 16	8.5	*8.5*	Ao	3	..	37890i
52	4126	5.9	+25 59	var.	var.	Ma	..	R	M
53	4077	5.9	+21 51	8.4	*9.5*	K2	2	..	38016i
54	4071	5.9	+15 44	8.11	*8.17*	A2	3	..	37908i
55	4209	5.9	+14 15	7.75	*8.93*	K5	1	..	37908i
56	4367	5.9	+ 4 12	8.5	*9.6*	K2	3	..	14670b
57	*5042*	5.9	− 3 52	7.8	*8.8*	Ko	3	..	14657b
58	5043	5.9	− 4 51	9.20	*9.98*	G5	2	..	14149b
59	5664	5.9	−14 4	8.6	*9.6*	Ko	4	..	21929b
60	5736	5.9	−19 29	10.4	10.0	A2	3	..	39412b
61	14607	5.9	−25 11	10.9	10.4	G5	1	..	40712b
62	13959	5.9	−36 5	7.9	9.9	Mb	1	..	40738b
63	11637	5.9	−52 40	9.2	10.2	A5	4	..	19920b
64	3101	5.9	−69 1	*9.5*	10.7	K5	1	..	20427b
65	1590	5.9	−75 54	*9.5*	9.6	A2	3	..	42793b
66	720	6.0	+75 46	10.3	*11.1*	G5	1	..	6443m
67	*1227*	6.0	+68 0	8.7	*8.7*	B9	5	..	37333i
68	2860	6.0	+46 10	10.3	*10.7*	F5	2	..	5816m
69	3357	6.0	+44 53	9.1	*9.1*	Ao	6	..	5816m
70	3509	6.0	+43 35	8.7	*8.7*	Ao	6	..	5816m
71	3636	6.0	+27 58	7.6	*7.5*	B5	5	..	38016i
72	4458	6.0	+20 57	8.2	*8.7*	F8	4	..	38016i
73	4430	6.0	+ 9 52	9.1	*9.5*	F5	3	..	10153b
74	4369	6.0	+ 4 38	9.3	*10.3*	Ko	2	..	14670b
75	5198	6.0	− 7 30	8.4	*9.2*	G5	4	..	40909b
76	5384	6.0	− 9 4	9.8	*10.8*	Ko	1	..	40909b
77	5844	6.0	−20 31	8.6	10.0	G5	5	..	39412b
78	5846	6.0	−20 40	9.6	10.3	G5	2	..	39412b
79	15871	6.0	−24 34	8.9	9.5	G5	2	..	40712b
80	14847	6.0	−26 40	9.5	9.5	G5	3	..	40716b
81	13960	6.0	−36 3	9.4	9.8	Ao	1	..	40738b
82	13463	6.0	−48 38	9.1	9.6	Ko	6	..	39668b
83	9349	6.0	−55 28	8.1	9.0	F5	4	..	42801b
84	..	6.0	−64 21	..	..	F8	1	..	39282b
85	*3719*	6.0	−66 58	*9.7*	9.8	A5	5	..	20541b
86	2505	6.0	−72 29	*7.8*	8.8	Ko	5	..	42475b
87	*2635*	6.1	+53 3	8.3	*9.4*	K2	1	..	37971i
88	2861	6.1	+46 22	8.7	*8.7*	B9	6	1,1-	5816m
89	3358	6.1	+44 23	9.8	*9.8*	B9	5	..	5816m
90	3922	6.1	+30 56	8.0	*8.0*	B9	4	..	37890i
91	4440	6.1	+ 0 15	8.63	*8.63*	Ao	6	..	14670b
92	3911	6.1	− 1 7	3.37	*3.37*	Ao	..	R	6014c
93	5606	6.1	−13 46	9.4	*10.2*	G5	1	..	21929b
94	5847	6.1	−20 10	9.4	10.6	K2	1	..	39412b
95	5644	6.1	−21 35	9.2	9.8	A3	4	..	39412b
96	16868	6.1	−29 0	8.7	9.6	A2	2	..	40716b
97	16867	6.1	−29 51	8.83	10.2	K2	2	..	40716b
98	11638	6.1	−52 32	8.4	10.5	K5	2	..	19920b
99	759	6.2	+77 37	8.6	*9.6*	Ko	1	0,1	37266i
100	*1433*	6.2	+66 1	6.89	*6.89*	Ao	9	..	37333i

191700 **$20^h\ 6^m.2$**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	2181	6.2	+59 58	8.6	*9.6*	Ko	1	..	38795i
2	3072	6.2	+45 29	10.3	*10.6*	F2	2	..	5816m
3	3927	6.2	+38 51	7.26	*7.34*	A3	6	..	37891i
4	4029	6.2	+24 46	6.98	*6.98*	Ao	7	..	38016i
5	4460	6.2	+20 39	8.2	*9.3*	K2	1	..	38016i
6	4211	6.2	+14 55	7.9	*7.9*	Ao	3	..	37908i
7	*4435*	6.2	+ 6 4	7.8	*9.2*	Mb	5	*5,4*	37590b
8	3935	6.2	− 0 26	8.5	*8.5*	Ao	5	..	14670b
9	3937	6.2	− 0 26	7.06	*7.34*	Fo	7	..	14670b
10	5199	6.2	− 7 5	9.4	*10.5*	K2	1	..	40909b
11	5200	6.2	− 7 35	8.0	*9.1*	K2	4	..	40909b
12	5303	6.2	−10 26	9.2	*9.7*	F8	2	..	40909b
13	5737	6.2	−19 13	9.8	10.0	F5	3	..	39412b
14	13963	6.2	−36 39	9.0	9.5	Ao	3	..	39648b
15	7728	6.2	−58 18	*9.6*	10.2	Go	1	..	39686b
16	3846	6.2	−65 8	*7.4*	8.4	Ko	7	..	20427b
17	*2506*	6.2	−71 58	*10.0*	10.1	A2	2	..	42475b
18	..	6.2	−83 33	..	..	K	1	..	21397b
19	3073	6.3	+45 20	10.3	*10.8*	F8	1	..	5816m
20	3916	6.3	+36 41	8.0	*8.0*	Ao	5	..	37891i
21	4461	6.3	+20 12	7.40	*7.35*	B8	7	..	38016i
22	5397	6.3	− 6 26	8.6	*9.0*	F5	7	..	40909b
23	5202	6.3	− 7 15	9.2	*10.3*	K2	1	..	40909b
24	5267	6.3	− 8 50	9.2	*9.8*	Go	5	..	40909b
25	5304	6.3	−10 37	9.6	*10.6*	Ko	1	..	40909b
26	5663	6.3	−12 22	8.6	*9.4*	G5	6	..	21929b
27	15876	6.3	−24 3	10.6	10.1	A3	2	..	40712b
28	14209	6.3	−34 40	10.0	9.5	G5	2	..	40738b
29	13672	6.3	−39 51	8.7	9.8	F8	4	..	39648b
30	13807	6.3	−44 0	9.7	10.8	G	3	..	39598b
31	13670	6.3	−45 24	9.9	11.0	Ko	1	..	45073b
32	13464	6.3	−48 1	6.56	7.9	Ko	8	..	39668b
33	9639	6.3	−54 34	9.0	9.9	F5	3	..	42801b
34	3102	6.3	−69 6	*8.7*	9.8	K2	3	..	20427b
35	1074	6.3	−79 55	7.53	7.4	B9	9	..	21397b
36	1415	6.4	+64 54	7.70	*7.84*	A5	6	..	37333i
37	2059	6.4	+58 30	7.8	*8.6*	G5	3	..	38795i
38	3031	6.4	+47 33	var.	var.	Nb	..	R	M
39	2862	6.4	+46 14	10.3	*11.5*	K5	1	..	5816m
40	..	6.4	+44 57	..	..	F8	2	..	5816m
41	3364	6.4	+44 29	10.3	*11.1*	G5	1	..	5816m
42	3616	6.4	+42 15	7.80	*7.80*	Ao	3	..	37874i
43	3775	6.4	+33 15	9.1	*9.1*	A	1	..	37890i
44	3975	6.4	+31 42	8.4	*9.4*	Ko	1	..	37890i
45	*3646*	6.4	+29 4	7.44	*7.42*	B9	5	..	37890i
46	3645	6.4	+28 8	6.94	*6.77*	B3	6	..	38016i
47	3815	6.4	+26 37	5.46	*5.52*	A2	..	*2,10*	30010c
48	4222	6.4	+ 1 10	8.84	*9.62*	G5	2	..	14670b
49	4441	6.4	+ 0 47	8.4	*9.5*	K2	5	..	14670b
50	*5181*	6.4	− 4 53	8.80	*8.80*	Ao	4	..	40909b
51	5399	6.4	− 6 26	9.2	*9.6*	F5	3	..	40909b
52	5203	6.4	− 7 48	9.6	*10.4*	G5	1	..	40909b
53	5664	6.4	−12 41	6.44	*7.44*	Ko	10	..	21929b
54	5645	6.4	−21 1	10.0	10.0	A2	3	..	39412b
55	16053	6.4	−23 41	10.2	9.8	F8	4	..	40712b
56	13988	6.4	−35 12	10.0	10.4	G5	2	R	39648b
57	13967	6.4	−36 28	10.2	10.7	Ko	1	..	39648b
58	13594	6.4	−37 12	10.2	10.7	Ko	2	..	39648b
59	14739	6.4	−42 30	9.5	10.7	Ko	3	..	39598b
60	13445	6.4	−46 30	8.46	8.4	Go	5	..	39598b
61	721	6.5	+75 13	8.82	*9.24*	F5	2	0,3 R	37266i
62	898	6.5	+73 10	8.5	*9.9*	Ma	2	*5,1*	6443m
63	3075	6.5	+45 49	10.3	*11.4*	K2	1	..	5816m
64	3074	6.5	+45 29	10.3	*11.5*	K5	1	..	5816m
65	4001	6.5	+35 53	7.80	..	Ob	4	R	37891i
66	3926	6.5	+29 58	7.71	*7.85*	A5	4	*2,3* R	37890i
67	3638	6.5	+27 25	8.6	*9.6*	Ko	1	..	38794i
68	3911	6.5	+23 14	7.7	*7.7*	Ao	6	..	38016i
69	4369	6.5	+ 8 26	7.21	*8.56*	Ma	5	..	10153b
70	4441	6.5	+ 5 48	7.7	*8.9*	K5	5	..	14670b
71	4374	6.5	+ 4 33	9.1	*9.4*	Fo	5	..	14670b
72	5204	6.5	− 7 48	9.2	*9.7*	F8	3	..	40909b
73	5666	6.5	−12 8	9.6	*9.7*	A5	2	..	21929b
74	5891	6.5	−17 9	9.1	*9.9*	G5	2	..	21929b
75	5618	6.5	−18 26	7.8	*8.8*	Ko	7	..	39412b
76	13446	6.5	−46 54	9.14	10.0	Ko	3	..	39668b
77	13041	6.5	−49 37	8.1	10.8	K2	2	..	39668b
78	7729	6.5	−58 35	*9.7*	10.8	K2	1	..	39686b
79	775	6.6	+76 37	10.3	*11.1*	G5	1	..	6443m
80	1416	6.6	+64 18	8.2	*8.5*	Fo	4	..	37333i
81	*3365*	6.6	+45 6	9.25	*9.01*	B	3	..	5816m
82	3511	6.6	+43 33	9.5	*10.7*	K5	2	..	5816m
83	4002	6.6	+35 39	var.	var.	Nb	..	R	M
84	4083	6.6	+21 37	8.7	*8.7*	Ao	2	..	38016i
85	4074	6.6	+15 54	7.26	*8.26*	Ko	4	..	37908i
86	4212	6.6	+14 31	10.1	*11.5*	Mb	..	..	M
87	4297	6.6	+13 42	8.6	*8.7*	A3	2	..	37908i
88	*4167*	6.6	+12 6	8.5	*8.6*	A2	2	..	37908i
89	4375	6.6	+ 4 35	8.7	*9.1*	F5	7	..	14670b
90	4278	6.6	+ 3 59	9.1	*9.1*	Ao	5	..	14670b
91	5666	6.6	−14 0	9.4	*9.4*	Ao	4	..	21929b
92	5619	6.6	−18 36	8.6	*9.6*	Ko	4	..	39412b
93	14625	6.6	−27 27	10.4	9.5	Ao	4	..	40716b
94	16492	6.6	−28 13	8.9	9.5	Ko	1	..	40716b
95	14740	6.6	−42 2	8.7	9.5	Ao	4	..	39598b
96	13674	6.6	−45 54	7.3	7.8	Ao	8	..	39598b
97	13296	6.6	−47 55	9.9	10.4	G5	2	..	39668b
98	13466	6.6	−48 30	11.0	11.1	Go	1	..	39668b
99	12868	6.6	−50 37	8.1	8.4	Ao	8	..	19920b
100	*7730*	6.6	−57 57	9.1	9.6	G5	3	..	39686b

191800 — $20^h 6^m.6$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4037	6.6	−64 34	*8.5*	9.5	Ko	5	..	40422b
2	*1405*	6.6	−75 59	*8.3*	9.3	Ko	6	..	42793b
3	1403	6.6	−76 26	*9.0*	9.3	Fo	5	..	42793b
4	1105	6.7	+70 21	7.79	*8.07*	Fo	5	..	37333i
5	1417	6.7	+64 52	7.90	*8.04*	A5	5	..	37333i
6	2782	6.7	+51 59	8.0	*9.0*	Ko	2	..	37971i
7	2781	6.7	+51 23	7.9	*7.9*	Ao	4	..	37971i
8	..	6.7	+46 37	..	..	A	1	..	5816m
9	*3366*	6.7	+45 8	9.52	*10.52*	Ko	1	..	5816m
10	3512	6.7	+43 17	10.3	*10.4*	A2	2	..	5816m
11	3781	6.7	+33 34	8.1	*8.1*	B9	5	..	37890i
12	3778	6.7	+33 20	8.6	*8.6*	Ao	3	..	37890i
13	3780	6.7	+33 20	8.6	*8.6*	Ao	1	..	37890i
14	4462	6.7	+20 51	6.26	*7.26*	Ko	8	..	38016i
15	4213	6.7	+14 45	8.6	*10.0*	Ma	1	..	38900i
16	4370	6.7	+ 8 18	9.1	*10.1*	Ko	1	..	10153b
17	4280	6.7	+ 3 51	8.5	*9.3*	G5	4	..	14670b
18	4223	6.7	+ 1 20	10.5	*10.5*	Ao	1	..	14670b
19	3940	6.7	− 0 7	8.4	*9.5*	K2	4	..	14670b
20	5205	6.7	− 7 15	9.2	*10.2*	Ko	1	..	40909b
21	5271	6.7	− 8 5	10.5	*10.6*	A2	1	..	40909b
22	5254	6.7	−11 1	7.5	*7.5*	Ao	9	..	40909b
23	5851	6.7	−20 44	9.2	10.4	Ko	2	..	39412b
24	16058	6.7	−23 45	8.3	8.0	Ao	8	..	40712b
25	14627	6.7	−27 17	9.7	9.8	G5	2	..	40716b
26	14793	6.7	−33 3	8.0	9.6	G5	3	..	40738b
27	13814	6.7	−44 55	9.16	9.9	F8	6	..	39598b
28	13297	6.7	−47 43	10.3	11.0	Go	2	..	39668b
29	11643	6.7	−52 45	5.69	7.6	K5	..	5,10	56,145
30	2548	6.7	−71 22	*8.8*	9.8	Ko	3	..	42475b
31	..	6.8	+46 57	..	..	G5	1	..	5816m
32	3367	6.8	+44 25	10.0	*10.1*	A5	2	..	5816m
33	3899	6.8	+34 34	8.5	*9.3*	G5	2	..	37891i
34	3648	6.8	+28 57	8.5	*8.6*	A2	2	..	38794i
35	3649	6.8	+28 32	9.1	*9.1*	Ao	1	..	38794i
36	*3816*	6.8	+27 2	8.2	*8.3*	A2	3	..	38016i
37	*4417*	6.8	+19 5	7.41	*7.91*	F8	5	..	38809i
38	4177	6.8	+16 33	8.1	*8.4*	F2	4	..	37908i
39	*4466*	6.8	+ 7 6	8.9	*10.1*	K5	2	..	10153b
40	4279	6.8	+ 3 9	8.6	*9.7*	K2	3	..	14670b
41	5272	6.8	− 8 23	7.22	*7.72*	F8	9	..	40909b
42	5389	6.8	− 9 9	10.0	*10.6*	Go	1	..	40909b
43	5256	6.8	−11 38	8.8	*10.2*	Ma	2	..	21929b
44	16059	6.8	−23 34	10.4	9.8	A2	1	..	40712b
45	14616	6.8	−25 6	8.1	9.5	K2	4	..	40712b
46	17738	6.8	−30 51	9.7	10.2	G5	1	..	40716b
47	13973	6.8	−36 37	10.4	10.2	Ko	1	..	39648b
48	13816	6.8	−44 26	8.7	10.7	K5	4	..	39598b
49	13677	6.8	−45 28	7.5	9.6	K5	4	..	39598b
50	13448	6.8	−46 52	9.47	9.9	Ao	3	..	39668b
51	13467	6.8	−48 39	10.3	10.8	G5	2	..	39668b
52	13042	6.8	−49 7	10.6	11.6	K2	1	..	39668b
53	7388	6.8	−60 54	8.8	10.0	K5	1	..	42680b
54	3513	6.9	+43 39	7.14	*7.92*	G5	4	*5,8*	37874i
55	3929	6.9	+30 29	6.72	*6.70*	B9	5	0,8	9896i
56	*4464*	6.9	+21 4	8.1	*8.1*	Ao	4	..	38016i
57	4178	6.9	+16 52	8.4	*8.5*	A2	1	..	37908i
58	4170	6.9	+11 58	9.3	*10.5*	K5	1	..	37908i
59	4199	6.9	+10 50	9.3	*10.1*	G5	2	..	10153b
60	4376	6.9	+ 4 41	10.5	*10.6*	A2	2	..	14670b
61	4281	6.9	+ 3 31	8.1	*8.2*	A2	8	..	14670b
62	*5608*	6.9	−12 54	5.88	*6.30*	F5	5	R	8377b
63	14860	6.9	−26 30	8.9	9.8	K2	3	..	40716b
64	13996	6.9	−35 41	9.3	10.1	G5	3	..	39648b
65	13601	6.9	−37 10	8.4	9.9	Ko	4	..	39648b
66	13917	6.9	−38 40	9.4	10.7	G5	3	..	39648b
67	13916	6.9	−38 49	10.7	10.7	Ao	3	..	39648b
68	13469	6.9	−48 51	10.3	11.4	Go	1	..	39668b
69	9635	6.9	−57 17	7.5	7.7	F5	7	0,8	40950b
70	..	6.9	−63 32	..	..	K5	2	..	39282b
71	2120	6.9	−73 51	*8.8*	9.4	Go	4	..	42475b
72	3368	7.0	+44 43	7.57	*7.52*	B8	6	1,10	37874i
73	3514	7.0	+43 10	8.2	*9.3*	K2	6	..	5816m
74	4043	7.0	+40 11	8.37	*8.37*	Ao	2	..	37891i
75	3928	7.0	+29 25	8.0	*9.1*	K2	1	..	38794i
76	3640	7.0	+27 54	9.0	*9.0*	Ao	1	..	38794i
77	4088	7.0	+21 35	6.11	*5.87*	Bo	9	..	38016i
78	4420	7.0	+18 12	8.1	*8.6*	F8	3	..	38809i
79	4215	7.0	+14 21	7.48	*7.48*	Ao	6	..	37908i
80	4214	7.0	+14 8	7.9	*7.9*	A	3	R	37908i
81	4225	7.0	+ 1 50	9.5	*10.0*	F8	2	..	14670b
82	4224	7.0	+ 1 23	9.5	*10.3*	G5	1	..	14670b
83	*5668*	7.0	−13 58	9.8	*9.9*	A3	3	..	21929b
84	5579	7.0	−15 29	9.0	*10.0*	Ko	1	..	21929b
85	5742	7.0	−19 1	8.6	9.1	Go	7	..	39412b
86	5852	7.0	−20 4	9.2	9.7	Fo	5	..	39412b
87	16063	7.0	−23 18	8.2	8.6	G5	7	..	40712b
88	13919	7.0	−38 13	10.0	11.0	F5	1	..	39648b
89	13920	7.0	−38 45	6.85	7.8	F5	10	..	39648b
90	13300	7.0	−47 54	10.1	11.5	G5	1	..	39668b
91	13470	7.0	−48 30	9.5	9.9	Go	5	..	39668b
92	2336	7.1	+55 44	6.56	*7.56*	Ko	6	..	37971i
93	*2997*	7.1	+51 2	8.8	*9.1*	F	1	..	37971i
94	..	7.1	+46 54	..	..	A	1	..	5816m
95	2863	7.1	+46 36	10.0	*10.5*	F8	3	..	5816m
96	*3515*	7.1	+44 7	10.0	*10.0*	Ao	1	..	5816m
97	3920	7.1	+36 45	8.0	*8.8*	G5	3	..	37891i
98	4138	7.1	+25 51	9.1	*9.9*	G5	1	..	38016i
99	..	7.1	+11 35	..	..	Oa	..	..	76,29
100	4105	7.1	+ 2 27	9.5	*9.5*	Ao	4	..	14670b

191900 **$20^h 7^m.1$**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5307	7.1	−10 33	9.2	*9.8*	Go	3	..	40909b
2	5610	7.1	−13 30	9.4	*10.4*	Ko	1	..	21929b
3	5580	7.1	−15 34	9.0	*10.1*	K2	1	..	21929b
4	5581	7.1	−15 46	9.2	*10.0*	G5	3	..	21929b
5	*5895*	7.1	−16 54	9.8	*10.2*	F5	2	..	39412b
6	5620	7.1	−18 14	10.0	*11.2*	K5	1	..	39412b
7	5743	7.1	−19 23	8.8	10.0	Ko	4	..	39412b
8	14861	7.1	−26 21	9.5	9.8	Ko	2	..	40716b
9	17743	7.1	−30 34	8.7	10.5	Ko	1	..	40716b
10	14797	7.1	−33 36	8.7	9.4	F8	2	..	40738b
11	14219	7.1	−34 51	8.7	9.9	A5	2	..	40738b
12	14750	7.1	−42 30	9.7	11.3	K2	2	..	39598b
13	13301	7.1	−47 46	9.3	9.9	F5	3	..	39668b
14	9636	7.1	−57 9	8.5	9.3	Ko	4	0,3	40950b
15	*2865*	7.2	+47 0	9.6	*10.6*	Ko	2	..	5816m
16	..	7.2	+46 10	Neb.	Neb.	Pd	..	R	76,23
17	4006	7.2	+35 39	7.8	*7.6*	B3	4	R	37890i
18	*3980*	7.2	+32 0	7.07	*7.07*	Ao	6	0,5	37890i
19	3652	7.2	+28 17	9.2	*9.2*	B8	3	1,2	16254m
20	4140	7.2	+25 9	8.61	*9.61*	Ko	1	..	38016i
21	4081	7.2	+15 35	7.14	*8.32*	K5	4	5,3	38900i
22	4303	7.2	+13 38	9.1	*9.6*	F8	2	..	38900i
23	4437	7.2	+ 9 13	9.0	*9.1*	A5	3	..	10153b
24	4398	7.2	+ 7 23	7.49	*8.84*	Mb	6	..	10153b
25	*4227*	7.2	+ 2 1	8.0	*9.1*	K2	5	..	14670b
26	4226	7.2	+ 1 19	9.1	*10.1*	Ko	1	..	14670b
27	5183	7.2	− 5 46	9.2	*9.2*	Ao	4	..	40909b
28	5402	7.2	− 6 10	10.3	*10.3*	Ao	2	..	40909b
29	5275	7.2	− 8 2	9.8	*9.9*	A2	5	..	40909b
30	*5309*	7.2	− 9 56	10.0	*10.6*	G	1	..	40909b
31	5308	7.2	−10 0	8.91	*9.05*	A5	4	..	40909b
32	5310	7.2	−10 35	9.2	*10.3*	K2	1	..	40909b
33	5670	7.2	−14 5	8.2	*9.0*	G5	6	..	21929b
34	14619	7.2	−25 10	9.1	8.6	Ao	7	..	40712b
35	13819	7.2	−44 29	8.7	8.4	F8	8	..	39598b
36	13682	7.2	−45 9	9.7	10.0	F5	2	..	39598b
37	2121	7.2	−73 17	6.57	7.8	K2	8	..	42475b
38	1229	7.3	+67 46	8.3	*8.6*	F2	4	..	37333i
39	1273	7.3	+66 33	9.0	*9.6*	Go	2	..	37333i
40	1975	7.3	+61 47	6.57	*6.57*	Ao	8	..	37333i
41	..	7.3	+46 31	..	..	Go	2	..	5816m
42	3077	7.3	+45 10	8.05	*8.47*	F5	3	0,7	37874i
43	3370	7.3	+44 19	7.54	*8.54*	Ko	2	0,8	37874i
44	4046	7.3	+40 57	6.88	*6.94*	A2	7	..	37902i
45	3653	7.3	+28 52	7.34	*8.41*	K2	1	..	38493i
46	4312	7.3	+19 47	8.6	*8.6*	B9	2	..	38809i
47	*4422*	7.3	+19 3	8.1	*8.1*	Ao	4	..	38809i
48	4228	7.3	+ 1 44	9.1	*9.2*	A2	4	..	14670b
49	5403	7.3	− 6 40	6.87	*6.87*	Ao	7	0,9	8604b
50	5208	7.3	− 7 28	8.6	*9.0*	F5	3	..	40909b
51	5207	7.3	− 7 51	8.0	*8.3*	F2	7	..	40909b
52	*5259*	7.3	−10 52	9.0	*10.2*	K5	2	..	40909b
53	5258	7.3	−11 9	7.6	*8.6*	Ko	6	..	40909b
54	5257	7.3	−11 28	9.0	*9.1*	A2	4	..	40909b
55	5611	7.3	−13 19	9.4	*10.4*	Ko	1	..	21929b
56	5647	7.3	−21 44	8.0	8.8	A3	7	..	39412b
57	14220	7.3	−34 25	6.74	7.7	Go	9	..	40738b
58	13981	7.3	−36 21	8.7	8.9	F5	5	..	40738b
59	13919	7.3	−41 12	10.2	10.7	G5	1	..	39648b
60	9642	7.3	−54 48	8.6	9.7	F5	5	..	42801b
61	*3002*	7.4	+51 4	8.5	*8.5*	A	2	..	37971i
62	2866	7.4	+46 20	10.3	*10.3*	Ao	2	..	5816m
63	3078	7.4	+45 58	9.8	*10.6*	G5	3	..	5816m
64	4048	7.4	+40 24	9.0	*10.4*	Ma	..	..	M
65	4203	7.4	+10 37	8.02	*9.02*	Ko	4	..	10153b
66	5311	7.4	−10 39	9.4	*9.9*	F8	2	..	40909b
67	*5669*	7.4	−11 58	10.3	*11.3*	Ko	1	..	21929b
68	5530	7.4	−16 27	10.4	*10.9*	F8	1	..	39412b
69	5745	7.4	−19 38	10.7	10.8	Go	1	..	39412b
70	5855	7.4	−20 37	10.0	10.9	Ko	1	..	39412b
71	5366	7.4	−22 21	8.6	9.1	Fo	4	..	40712b
72	6150	7.4	−62 28	*8.2*	8.8	Go	7	..	40422b
73	2122	7.4	−73 7	*6.8*	7.8	Ko	8	..	42475b
74	3212	7.5	+49 31	7.83	*8.25*	F5	2	..	37874i
75	3517	7.5	+43 42	9.6	*9.6*	B9	3	..	5816m
76	3516	7.5	+43 34	9.6	*9.7*	A2	3	..	5816m
77	3624	7.5	+42 47	7.51	*7.46*	B8	4	..	37874i
78	*4050*	7.5	+41 4	7.8	*7.6*	B2	4	..	37902i
79	3642	7.5	+27 9	8.8	*10.2*	Ma	1	..	16254m
80	*4219*	7.5	+15 4	8.04	*7.92*	B5	5	3,4	38900i
81	4305	7.5	+13 56	8.4	*9.5*	K2	1	..	38900i
82	4174	7.5	+11 42	9.5	*10.5*	Ko	1	..	37908i
83	4444	7.5	+ 5 38	9.5	*10.7*	K5	1	..	10153b
84	4444	7.5	+ 0 34	6.23	*6.23*	Ao	8	..	38113i
85	..	7.5	− 6 10	..	..	Ao	1	..	40909b
86	5211	7.5	− 7 45	8.0	*8.8*	G5	7	..	40909b
87	5531	7.5	−16 42	10.5	*11.6*	K2	1	..	39412b
88	16069	7.5	−23 26	9.7	10.4	K2	1	..	40712b
89	14641	7.5	−27 21	8.7	9.5	Ko	4	..	40716b
90	13984	7.5	−36 55	9.0	10.4	Ko	3	..	39648b
91	13873	7.5	−43 21	8.9	10.0	Ko	4	..	39677b
92	R	7.5	−52 16	..	..	Mc	..	..	M
93	3720	7.5	−67 46	6.82	7.2	A2	10	..	20541b
94	660	7.6	+79 24	6.67	*7.67*	Ko	6	5;6	37266i
95	*722*	7.6	+76 5	10.3	*10.6*	F	1	..	6443m
96	1274	7.6	+66 59	9.5	*9.9*	F5	2	..	37333i
97	2299	7.6	+54 39	8.5	*9.5*	Ko	2	..	37971i
98	3037	7.6	+47 56	6.64	*7.64*	Ko	6	..	37874i
99	2867	7.6	+46 59	10.3	*10.3*	A	2	..	5816m
100	3371	7.6	+44 43	9.5	*9.5*	Ao	5	..	5816m

192000 $20^h\ 7^m.6$

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	3642	7.6	+41 50	7.9	*7.7*	B	2	..	37902i	51	5672	7.8	−14 11	9.6	*9.7*	A2	2	..	21929b
2	4051	7.6	+40 39	8.0	*9.2*	K5	1	..	37902i	52	5621	7.8	−18 33	9.8	*9.9*	A2	3	..	39412b
3	3811	7.6	+37 56	8.8	*8.8*	B8	3	..	16369m	53	5622	7.8	−18 40	9.0	*9.1*	A3	7	..	39412b
4	3825	7.6	+26 31	5.77	*6.84*	K2	8	..	38016i	54	14867	7.8	−26 3	9.4	10.3	Ko	1	..	40712b
5	4220	7.6	+14 27	8.3	*8.3*	Ao	2	..	37908i	55	13615	7.8	−37 38	9.4	9.5	F8	3	..	39648b
6	4373	7.6	+ 8 22	8.9	*9.3*	F5	2	..	10153b	56	9644	7.8	−54 55	9.3	10.5	Ma	1	..	42801b
7	4817	7.6	− 3 18	6.91	*6.91*	Ao	9	..	14657b	57	*607*	7.9	+83 2	8.8	*9.8*	Ko	1	R	37294i
8	5407	7.6	− 6 8	9.2	*10.2*	Ko	2	..	40909b	58		7.9	+83 2						
9	5394	7.6	− 9 12	9.8	*9.8*	A	2	R	40909b	59	1601	7.9	+63 46	8.8	*8.8*	Ao	4	..	37333i
10	5901	7.6	−17 11	8.6	*9.6*	Ko	6	..	21929b	60	3923	7.9	+23 46	8.8	*8.9*	A5	1	..	38016i
11	5856	7.6	−20 11	8.4	9.1	A5	6	..	39412b	61	4309	7.9	+13 58	9.1	*9.2*	A2	2	..	38900i
12	5649	7.6	−21 38	9.2	10.6	Ma	1	..	39412b	62	4311	7.9	+13 28	8.5	*9.6*	K2	1	..	38900i
13	5367	7.6	−22 26	9.6	9.8	A3	1	..	40712b	63	*4112*	7.9	+ 3 0	8.1	*9.2*	K2	5	..	14670b
14	14004	7.6	−35 0	9.42	10.7	K5	1	..	40738b	64	5408	7.9	− 6 4	9.4	*9.5*	A3	2	..	40909b
15	13927	7.6	−38 30	9.0	9.2	F2	4	..	39648b	65	5216	7.9	− 7 24	9.2	*10.2*	Ko	2	..	40909b
16	13305	7.6	−47 16	var.	var.	Md	4	0,4 R	39668b	66	5670	7.9	−12 36	10.3	*10.9*	Go	2	..	21929b
17	*2185*	7.7	+60 7	7.91	*8.19*	Fo	4	..	38795i	67	5904	7.9	−17 16	9.4	*9.5*	A5	5	..	39412b
18	2151	7.7	+57 14	7.9	*9.0*	K2	2	..	38795i	68	5746	7.9	−19 48	10.0	*11.2*	K5	1	..	39412b
19	3372	7.7	+44 28	9.6	*9.6*	B9	2	..	5816m	69	14870	7.9	−26 50	9.2	9.5	A5	3	..	40716b
20	*3812*	7.7	+38 6	7.8	*8.6*	G5	2	..	37891i	70	14226	7.9	−34 5	7.6	9.5	Ko	2	..	40738b
21	3793	7.7	+33 40	7.8	*8.3*	F8	3	..	37891i	71	13829	7.9	−44 22	9.0	9.0	Go	7	..	39598b
22	3826	7.7	+26 36	7.10	*7.05*	B8	6	..	38016i	72	13827	7.9	−44 23	9.7	9.9	Go	6	..	39598b
23	3921	7.7	+23 37	8.0	*8.1*	A2	4	..	38016i	73	3721	7.9	−67 31	*9.9*	11.0	K2	2	..	39282b
24	4470	7.7	+20 46	8.0	*8.1*	A3	4	..	38016i	74	1079	7.9	−79 17	6.76	6.8	B9	10	..	21397b
25	*4208*	7.7	+11 4	8.5	*8.5*	Ao	3	..	10153b	75	2868	8.0	+46 50	8.6	*8.6*	B9	5	0,9	37874i
26	4205	7.7	+10 57	9.0	*10.1*	K2	2	..	10153b	76	3083	8.0	+45 56	10.3	*10.3*	A	1	..	5816m
27	4441	7.7	+ 9 39	8.3	*8.7*	F5	6	..	10153b	77	3082	8.0	+45 55	9.1	*10.2*	K2	2	..	5816m
28	*4472*	7.7	+ 7 3	8.5	*9.3*	G5	4	..	10153b	78	3940	8.0	+38 35	7.67	*8.67*	Ko	2	..	37891i
29	4382	7.7	+ 4 14	8.7	*8.7*	B9	7	..	14670b	79	3816	8.0	+37 16	8.6	*8.6*	B8	3	..	16369m
30	*5671*	7.7	−13 59	9.2	*10.2*	Ko	1	..	21929b	80	3661	8.0	+28 11	8.7	*8.7*	Ao	2	..	38016i
31	5584	7.7	−15 43	8.6	*9.2*	Go	5	..	21929b	81	4256a	8.0	+12 42	var.	var.	Md	..	R	M
32	5903	7.7	−17 12	9.8	*10.2*	F5	3	..	39412b	82	..	8.0	+ 6 0	var.	var.	Md	4	R	37599b
33	17406	7.7	−31 13	8.9	9.9	Ko	3	..	40716b	83	4446	8.0	+ 5 16	9.06	*9.62*	Go	3	..	14670b
34	*2787*	7.8	+52 5	7.51	*8.86*	Ma	2	..	37971i	84	4383	8.0	+ 4 36	9.5	*9.6*	A2	3	..	14670b
35	3038	7.8	+47 31	var.	var.	B3	3	3,3 R	38477i	85	4285	8.0	+ 3 12	7.8	*7.9*	A5	7	..	14670b
36	3080	7.8	+45 18	8.17	*8.15*	B9	8	1,3	5816m	86	3942	8.0	− 0 38	6.67	*7.85*	K5	7	..	14670b
37	..	7.8	+44 30	..	..	B9	1	..	5816m	87	5279	8.0	− 8 45	9.4	*9.4*	Ao	3	..	40909b
38	3628	7.8	+42 56	8.5	*8.6*	A2	2	..	37874i	88	5623	8.0	−18 42	8.6	*8.7*	A3	8	..	39412b
39	3644	7.8	+41 39	8.7	*8.5*	B	3	..	1338f	89	17409	8.0	−31 47	9.2	10.2	Ko	2	..	40716b
40	4053	7.8	+40 52	8.1	*9.3*	K5	1	..	37902i	90	13988	8.0	−36 9	8.0	9.8	Ma	2	..	40738b
41	3939	7.8	+38 31	7.96	*9.03*	K2	1	..	38508i	91	13927	8.0	−41 27	11.8	11.5	A2	1	..	39648b
42	3656	7.8	+28 49	8.6	*8.9*	Fo	2	..	38794i	92	*13830*	8.0	−43 59	8.3	7.8	A2	8	..	39598b
43	3827	7.8	+26 27	7.56	*7.51*	B8	5	..	38016i	93	9640	8.0	−57 0	*9.9*	9.9	Ao	2	..	40950b
44	3828	7.8	+26 11	5.91	*5.86*	B8	..	1,9 R	3001c	94	7731	8.0	−58 52	9.1	9.9	G5	3	..	39686b
45	4087	7.8	+15 57	7.42	*8.20*	G5	4	..	37908i	95	6470	8.0	−61 38	*11.2*	11.2	Ao	1	..	39282b
46	4306	7.8	+13 42	9.1	*9.1*	Ao	2	..	38900i	96	3722	8.0	−67 30	*9.9*	11.0	K2	3	..	39282b
47	4209	7.8	+10 49	9.1	*10.1*	Ko	2	..	10153b	97	3103	8.0	−69 10	*9.6*	10.7	K2	1	..	20427b
48	4206	7.8	+10 22	9.02	*10.02*	Ko	2	..	10153b	98	807	8.0	−82 6	*9.4*	9.7	F	3	..	21397b
49	4445	7.8	+ 5 28	9.1	*10.2*	K2	1	..	10153b	99	*2340*	8.1	+56 7	9.1	*9.1*	Ao	2	..	38807i
50	5277	7.8	− 8 48	10.3	*10.4*	A2	2	..	40909b	100	3373	8.1	+44 18	9.6	*9.6*	B9	5	..	5816m

192100 — $20^h\ 8^m.1$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3518	8.1	+43 53	8.7	*9.0*	Fo	5	..	5816m
2	3941	8.1	+38 23	7.96	*7.96*	Ao	3	..	37891i
3	4013	8.1	+35 54	7.94	..	Oa	3	R	37891i
4	3925	8.1	+23 30	8.8	*8.8*	Ao	3	..	38016i
5	4442	8.1	+ 9 41	8.6	*9.1*	F8	3	..	10153b
6	*4474*	8.1	+ 7 3	8.9	*8.9*	Ao	4	..	10153b
7	3920	8.1	− 1 19	5.64	*6.71*	K2	..	0,9	56,145
8	5264	8.1	−11 51	10.0	*10.5*	F8	3	..	21929b
9	5674	8.1	−14 30	8.6	*9.7*	K2	2	..	21929b
10	5533	8.1	−16 33	9.4	*10.6*	K5	1	..	21929b
11	5859	8.1	−20 31	9.6	10.4	Ko	3	..	39412b
12	5652	8.1	−21 36	9.4	10.3	Go	2	..	39412b
13	13991	8.1	−36 33	8.7	9.2	Fo	5	..	39648b
14	13746	8.1	−40 28	10.7	10.4	F8	2	..	39648b
15	9450	8.1	−56 49	8.6	9.0	Ao	5	..	40950b
16	2778	8.1	−70 51	*8.5*	9.5	Ko	3	..	42475b
17	1596	8.1	−75 54	*8.5*	9.1	Go	7	..	42793b
18	946	8.1	−80 3	*9.8*	9.8	A	2	..	21397b
19	3085	8.2	+45 59	9.8	*9.9*	A2	3	..	5816m
20	3084	8.2	+45 25	8.2	*8.2*	Ao	2	*1*,8	37874i
21	3520	8.2	+43 46	10.3	*10.9*	Go	2	..	5816m
22	*4056*	8.2	+41 6	7.9	*7.9*	B8	4	0,3	37902i
23	3942	8.2	+38 24	8.24	*8.24*	A	2	..	37891i
24	3908	8.2	+34 11	7.32	*7.38*	A2	5	..	37891i
25	*3664*	8.2	+29 5	8.6	*8.6*	Ao	2	..	38794i
26	*4223*	8.2	+15 3	8.49	*9.49*	Ko	1	..	38900i
27	4445	8.2	+ 0 43	8.9	*9.2*	F2	4	..	14670b
28	5395	8.2	− 9 28	9.2	*10.2*	Ko	2	..	40909b
29	5316	8.2	−10 39	10.3	*10.4*	A5	1	..	40909b
30	5905	8.2	−17 22	10.0	*10.0*	Ao	2	..	39412b
31	5861	8.2	−20 7	10.3	10.9	Ko	1	..	39412b
32	13880	8.2	−43 53	9.5	10.2	A5	3	..	39598b
33	13457	8.2	−46 22	9.7	9.9	F5	3	..	39598b
34	7732	8.2	−58 22	9.1	9.9	G5	3	..	39686b
35	*7598*	8.2	−58 59	*9.5*	10.0	F8	3	..	39686b
36	7390	8.2	−60 0	*10.1*	10.2	A5	3	..	39282b
37	3364	8.2	−68 48	*8.7*	9.2	F8	6	..	20541b
38	3104	8.2	−69 27	*9.3*	10.1	G5	2	..	20427b
39	1978	8.3	+61 11	8.9	*9.7*	G5	1	..	38795i
40	..	8.3	+46 41	..	..	Ao	2	..	5816m
41	2870	8.3	+46 38	8.1	*8.9*	G5	3	5,8	37874i
42	4057	8.3	+40 33	8.8	*10.2*	Ma	..	..	M
43	*4075*	8.3	+40 2	7.02	*7.00*	B9	6	..	37891i
44	4149	8.3	+25 21	7.36	*7.70*	F2	5	..	38016i
45	4089	8.3	+15 48	7.57	*8.07*	F8	3	2,3	38900i
46	4376	8.3	+ 8 49	8.68	*9.75*	K2	1	..	10153b
47	4233	8.3	+ 1 10	8.74	*9.52*	G5	3	..	14670b
48	3921	8.3	− 1 31	8.64	*9.64*	Ko	2	..	14657b
49	5218	8.3	− 7 13	9.2	*10.0*	G5	2	..	40909b
50	5317	8.3	−10 21	9.4	*9.9*	F8	2	..	40909b
51	5671	8.3	−12 23	9.6	*10.4*	G5	2	..	21929b
52	*5906*	8.3	−16 58	7.6	*8.0*	F5	6	..	21929b
53	*5624*	8.3	−17 58	8.0	*8.8*	G5	7	..	39412b
54	5862	8.3	−20 32	8.6	9.7	Ko	5	..	39412b
55	16081	8.3	−23 11	9.5	9.4	Go	5	..	40712b
56	13050	8.3	−49 17	9.5	10.2	Ao	3	..	39668b
57	7391	8.3	−60 0	*9.7*	10.0	Fo	1	..	39282b
58	3477	8.3	−66 8	*11.1*	11.4	F2	4	..	39282b
59	644	8.4	+80 24	8.5	*9.5*	Ko	2	..	38512i
60	*1603*	8.4	+64 4	9.3	*9.8*	F8	2	..	37333i
61	*2367*	8.4	+57 5	7.46	*7.88*	F5	4	..	37971i
62	..	8.4	+44 41	..	..	F	1	..	5816m
63	*3821*	8.4	+38 3	7.44	..	Ob	4	..	37891i
64	3910	8.4	+34 33	8.0	*9.1*	K2	2	..	37891i
65	3988	8.4	+31 47	8.0	*8.1*	A2	2	E	37891i
66	3942	8.4	+30 36	8.8	*8.8*	Ao	1	..	37890i
67	4322	8.4	+19 14	7.5	*8.6*	K2	1	..	38809i
68	4180	8.4	+11 33	6.63	*7.70*	K2	5	..	37908i
69	*4443*	8.4	+10 2	8.97	*9.47*	F8	4	..	10153b
70	*4385*	8.4	+ 5 1	7.65	*7.71*	A2	4	0,9	38113i
71	5189	8.4	− 5 9	9.1	*9.2*	A3	2	..	40909b
72	5319	8.4	−10 50	9.4	*10.4*	Ko	1	..	40909b
73	13748	8.4	−40 2	7.87	8.6	F2	5	..	40857b
74	13883	8.4	−43 43	10.6	11.7	Ko	1	..	39598b
75	7599	8.4	−59 25	8.8	9.6	G5	3	..	39686b
76	..	8.4	−65 1	..	..	Ko	2	..	39282b
77	2124	8.4	−73 32	*8.9*	9.9	Ko	1	..	42475b
78	*2094*	8.5	+61 4	7.9	*9.3*	Ma	2	..	38795i
79	2871	8.5	+46 50	9.0	*9.3*	Fo	7	..	5816m
80	3086	8.5	+45 8	8.57	*9.07*	F8	6	..	5816m
81	*3375*	8.5	+45 4	9.8	*10.4*	G	2	..	5816m
82	3946	8.5	+38 9	7.19	*7.97*	G5	3	..	37891i
83	4039	8.5	+24 12	9.2	*9.3*	A2	1	..	38016i
84	4214	8.5	+10 50	8.6	*8.7*	A2	2	..	37908i
85	4215	8.5	+10 29	9.0	*9.0*	B9	4	..	10153b
86	4449	8.5	+ 5 33	9.5	*10.1*	Go	2	..	10153b
87	*4447*	8.5	+ 1 2	9.3	*9.4*	A3	2	..	14670b
88	5907	8.5	−17 49	9.6	*10.1*	F8	2	..	39412b
89	5625	8.5	−18 26	9.6	*10.4*	G5	2	..	39412b
90	5372	8.5	−22 20	7.90	8.6	Fo	8	..	40712b
91	13749	8.5	−40 44	10.9	11.8	Fo	1	..	39648b
92	13929	8.5	−41 10	10.7	11.3	Go	1	..	39648b
93	13884	8.5	−43 51	9.7	11.3	G5	1	..	39598b
94	13831	8.5	−44 43	var.	var.	Pec.	..	R	M
95	13480	8.5	−48 27	9.9	11.9	K2	1	..	39668b
96	9650	8.5	−54 4	9.3	10.2	Ko	2	..	42801b
97	4572	8.5	−63 16	*8.8*	9.9	K2	3	..	40422b
98	..	8.5	−65 14	..	..	Ko	2	..	39282b
99	1889	8.5	−74 54	*8.9*	9.9	Ko	2	..	45404b
100	2361	8.6	+53 55	8.8	*8.8*	Ao	2	..	37971i

192200 — $20^h\ 8^m.6$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	2872	8.6	+46 45	8.7	*8.7*	Ao	7	..	5816m
2	3523	8.6	+43 35	10.3	*10.3*	A	1	..	5816m
3	3650	8.6	+41 24	8.2	*8.2*	Ao	2	..	37902i
4	3649	8.6	+27 46	8.6	*8.6*	Ao	2	..	38016i
5	4477	8.6	+20 39	9.0	*8.9*	B5	2	..	38016i
6	3944	8.6	− 0 17	9.5	*9.6*	A2	2	..	14657b
7	*5322*	8.6	− 9 55	7.61	*7.61*	Ao	10	..	40909b
8	5672	8.6	−12 44	10.8	*11.6*	G5	1	..	21929b
9	5616	8.6	−13 48	8.6	*9.6*	Ko	3	..	21929b
10	5677	8.6	−14 12	8.8	*9.8*	Ko	4	..	21929b
11	5535	8.6	−16 18	9.0	*10.0*	Ko	3	..	21929b
12	5908	8.6	−17 24	9.6	*11.0*	Ma	1	..	39412b
13	5654	8.6	−21 52	8.8	9.1	Ao	5	..	39412b
14	14876	8.6	−26 36	9.7	9.8	Go	2	..	40716b
15	13934	8.6	−41 18	10.7	11.8	Ko	1	..	39648b
16	13481	8.6	−48 43	9.3	10.2	F8	4	..	39668b
17	*7392*	8.6	−59 57	7.86	8.8	Ko	5	0,4	39686b
18	6151	8.6	−62 8	*9.7*	10.3	Go	2	2,1	39282b
19	3723	8.6	−67 43	*9.0*	10.1	K2	2	..	20427b
20	1604	8.7	+63 17	9.3	*9.9*	G	1	..	37333i
21	2303	8.7	+54 8	9.0	*9.0*	A	1	..	37971i
22	2873	8.7	+46 42	9.5	*10.3*	G5	2	..	5816m
23	2874	8.7	+46 18	9.1	*10.2*	K2	3	..	5816m
24	*4059*	8.7	+41 3	8.7	*8.7*	A	1	..	37902i
25	3802	8.7	+33 12	8.1	*8.1*	Ao	5	..	37891i
26	3969	8.7	+22 55	8.6	*8.9*	Fo	2	..	38016i
27	3945	8.7	− 0 29	8.9	*9.5*	Go	3	..	14657b
28	*3924*	8.7	− 0 59	9.41	*9.91*	F8	2	..	14657b
29	5059	8.7	− 4 37	8.7	*8.7*	Ao	4	..	14149b
30	5674	8.7	−12 32	9.4	*9.4*	Ao	5	..	21929b
31	*5909*	8.7	−16 55	9.2	*10.2*	Ko	2	..	21929b
32	5626	8.7	−18 23	7.8	*8.6*	G5	8	..	39412b
33	13833	8.7	−44 55	9.06	11.1	K5	1	..	39598b
34	6472	8.7	−61 14	9.1	9.9	K2	1	..	42680b
35	3106	8.7	−69 35	*9.6*	10.7	K2	1	..	20427b
36	2125	8.7	−73 46	*8.9*	9.9	Ko	1	..	42475b
37	2068	8.8	+58 44	9.1	*9.1*	Ao	1	..	38795i
38	*2368*	8.8	+57 0	8.6	*9.1*	F8	2	..	38807i
39	3091	8.8	+45 59	9.3	*10.4*	K2	2	..	5816m
40	3377	8.8	+44 11	9.3	*10.3*	Ko	3	..	5816m
41	3525	8.8	+43 56	9.3	*10.5*	K5	2	..	5816m
42	..	8.8	+43 44	..	..	A	1	..	5816m
43	3744	8.8	+32 26	8.8	*8.8*	Ao	1	..	37890i
44	*3991*	8.8	+32 1	9.0	*10.0*	Ko	1	..	37890i
45	4479	8.8	+20 51	8.4	*8.5*	A2	4	..	38016i
46	*4313*	8.8	+14 6	7.47	*8.47*	Ko	4	..	37908i
47	4446	8.8	+ 9 25	7.93	*8.93*	Ko	4	..	10153b
48	*4405*	8.8	+ 8 0	9.1	*9.5*	F5	3	..	10153b
49	5190	8.8	− 5 9	8.6	*9.1*	F8	3	..	40909b
50	*5863*	8.8	−19 57	9.6	10.2	F8	3	..	39412b
51	5655	8.8	−21 29	8.7	9.3	F8	4	..	39412b
52	13754	8.8	−40 21	8.8	9.5	G5	2	..	40857b
53	14767	8.8	−42 39	9.2	9.8	G5	5	..	39677b
54	13464	8.8	−46 44	9.7	10.7	K5	2	..	39668b
55	*7601*	8.8	−58 58	9.3	9.6	Go	3	..	39686b
56	776	8.9	+76 35	9.6	*10.6*	Ko	1	..	6443m
57	899	8.9	+73 12	8.5	*9.5*	Ko	3	0,4	37224i
58	2875	8.9	+46 28	10.3	*10.3*	Ao	3	..	5816m
59	*3092*	8.9	+46 2	8.7	*8.7*	Ao	3	0,8	37874i
60	3915	8.9	+34 53	7.57	*8.57*	Ko	4	..	37891i
61	3831	8.9	+26 59	7.9	*7.9*	B9	6	..	38016i
62	4254	8.9	+17 35	9.0	*9.0*	Ao	1	..	38809i
63	3925	8.9	− 1 10	8.10	*9.10*	Ko	4	..	14657b
64	*5410*	8.9	− 5 57	9.4	*10.0*	Go	1	..	40909b
65	5221	8.9	− 7 19	9.2	*10.4*	K5	2	..	40909b
66	5592	8.9	−15 38	8.0	*8.5*	F8	5	..	21929b
67	5627	8.9	−18 31	9.8	*10.6*	G5	1	..	39412b
68	5751	8.9	−19 6	10.3	10.9	F8	2	..	39412b
69	5753	8.9	−19 31	8.0	8.8	K5	6	..	39412b
70	5752	8.9	−19 38	10.7	10.6	A	2	..	39412b
71	13317	8.9	−47 18	9.5	10.8	Go	1	..	39668b
72	4038	8.9	−64 8	*10.5*	11.3	G5	1	..	40422b
73	3107	8.9	−69 45	*8.3*	8.3	B8	5	..	20427b
74	1110	9.0	+68 19	7.02	*8.02*	Ko	6	..	37333i
75	1793	9.0	+62 24	9.3	*9.8*	F8	1	..	37333i
76	3045	9.0	+47 26	6.60	*6.55*	B8	6	0,7	38477i
77	3093	9.0	+45 18	9.8	*9.8*	A	2	R	5816m
78	3379	9.0	+44 47	9.6	*9.6*	B9	6	..	5816m
79	3378	9.0	+44 12	10.3	*10.9*	Go	2	..	5816m
80	3636	9.0	+42 48	8.2	*8.3*	A5	2	..	37874i
81	4082	9.0	+39 58	7.47	*7.30*	B3	4	..	37947i
82	3948	9.0	+38 43	9.1	*10.5*	Mb	..	..	M
83	3933	9.0	+36 21	8.2	*8.2*	Ao	3	..	37891i
84	3916	9.0	+34 10	8.1	*8.1*	Ao	3	..	37891i
85	3745	9.0	+32 57	8.2	*8.3*	A3	3	..	37891i
86	3946	9.0	+30 11	7.93	*8.71*	G5	1	..	38794i
87	4045	9.0	+24 56	8.5	*9.9*	Mb	2	0,2	38016i
88	3932	9.0	+23 53	8.4	*8.4*	B9	4	..	38016i
89	4096	9.0	+15 58	7.01	*8.19*	K5	3	..	37908i
90	5411	9.0	− 6 21	7.30	*7.58*	Fo	8	..	40909b
91	5680	9.0	−14 38	8.0	*8.3*	Fo	6	..	21929b
92	5593	9.0	−15 39	9.2	*10.3*	K2	2	..	21929b
93	5656	9.0	−21 6	9.2	9.6	A5	4	..	39412b
94	13623	9.0	−37 25	10.0	10.4	F8	1	..	39648b
95	*13759*	9.0	−39 57	10.4	10.4	Fo	2	..	39648b
96	13837	9.0	−44 38	10.3	11.3	Ko	1	..	39598b
97	11649	9.0	−52 52	8.4	8.8	Ao	5	..	19920b
98	4573	9.0	−63 54	*10.4*	11.0	Go	1	..	40422b
99	1598	9.0	−75 30	*9.3*	9.9	Go	2	..	42793b
100	777	9.1	+76 24	10.3	*10.9*	G	1	..	6443m

192300 — $20^h\ 9^m.1$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	2876	9.1	+46 43	9.3	*9.4*	A2	6	..	5816m
2	3094	9.1	+45 18	9.8	*11.2*	Ma	1	..	5816m
3	3828	9.1	+37 56	9.1	*9.0*	B5	3	..	16369m
4	3933	9.1	+23 9	8.0	*8.0*	Ao	4	..	38016i
5	4448	9.1	+ 0 26	8.3	*8.7*	F5	5	..	14670b
6	5205	9.1	− 2 27	9.0	*9.0*	Ao	3	..	14657b
7	*5224*	9.1	− 6 58	8.6	*9.6*	Ko	6	..	40909b
8	*5617*	9.1	−12 56	9.4	*9.8*	F5	3	..	21929b
9	*5536*	9.1	−15 54	8.6	*8.7*	A5	5	..	21929b
10	14659	9.1	−27 20	5.69	7.2	Ko	..	R	56,145
11	16521	9.1	−28 29	9.4	9.2	F8	3	..	40716b
12	13892	9.1	−43 6	9.7	10.2	G5	4	..	39677b
13	..	9.1	−65 11	..	..	K2	1	..	39282b
14	2127	9.1	−73 14	*8.8*	9.3	F8	3	..	42475b
15	1599	9.1	−75 28	*9.7*	11.1	Ma	..	..	M
16	1081	9.1	−79 22	*7.9*	7.9	Ao	9	..	21397b
17	2877	9.2	+46 16	10.3	*10.3*	B9	2	..	5816m
18	3381	9.2	+44 58	9.1	*9.9*	G5	3	..	5816m
19	3380	9.2	+44 54	9.6	*9.9*	F	3	..	5816m
20	3919	9.2	+34 31	8.0	*9.2*	K5	1	..	37890i
21	3807	9.2	+33 53	8.4	*8.5*	A2	3	..	37891i
22	3806	9.2	+33 32	8.6	*8.7*	A2	1	..	37890i
23	4257	9.2	+17 52	7.9	*9.0*	K2	1	..	38809i
24	4097	9.2	+15 51	7.7	*8.2*	F8	3	..	37908i
25	4452	9.2	+ 5 44	9.8	*10.4*	G	1	..	10153b
26	4388	9.2	+ 4 43	8.5	*8.8*	Fo	6	..	14670b
27	3949	9.2	− 0 9	8.3	*8.4*	A5	8	..	14670b
28	5398	9.2	− 9 34	10.0	*10.5*	F8	3	..	40909b
29	5537	9.2	−16 31	9.8	*10.4*	Go	2	..	39412b
30	5910	9.2	−17 3	8.6	*9.6*	Ko	5	..	39412b
31	15913	9.2	−24 45	8.9	9.5	G5	3	..	40712b
32	13699	9.2	−39 16	10.0	12.0	Ma	1	..	39648b
33	13696	9.2	−45 24	10.1	11.1	Go	1	..	39598b
34	13466	9.2	−46 52	10.1	11.1	Ko	1	..	39668b
35	3724	9.2	−67 17	*10.0*	10.1	A3	4	..	20427b
36	778	9.3	+76 20	9.02	*9.36*	F2	4	3,1	6443m
37	1106	9.3	+70 28	8.19	*9.19*	Ko	2	..	37333i
38	2878	9.3	+46 18	9.5	*10.0*	F8	2	..	5816m
39	..	9.3	+44 34	..	..	K2	2	..	5816m
40	3382	9.3	+44 15	10.3	*10.8*	F8	1	..	5816m
41	4047	9.3	+24 14	8.1	*8.1*	B8	5	..	38016i
42	3935	9.3	+23 56	6.48	*6.48*	Ao	7	..	38016i
43	4479	9.3	+ 6 18	8.0	*8.6*	G	7	R	14670b
44	4480	9.3	+ 6 18	7.8	*8.6*	G5			
45	4293	9.3	+ 3 30	7.9	*8.9*	Ko	5	..	14670b
46	4451	9.3	+ 0 37	9.3	*9.6*	F2	1	..	14670b
47	3929	9.3	− 1 30	9.1	*9.5*	F5	3	..	14657b
48	5269	9.3	−11 12	7.51	*8.51*	Ko	6	..	40909b
49	*5675*	9.3	−11 56	7.8	*7.8*	Ao	6	..	21929b
50	5911	9.3	−17 40	10.7	*10.8*	A2	1	..	39412b
51	5865	9.3	−20 18	10.0	10.2	Fo	3	..	39412b
52	16524	9.3	−28 48	8.3	9.2	Ko	4	..	40716b
53	14016	9.3	−35 52	10.0	10.4	F8	2	..	39648b
54	13701	9.3	−39 48	7.82	8.9	Ko	4	..	40857b
55	..	9.3	−64 54	..	..	G5	2	..	39282b
56	3478	9.3	−66 10	*9.4*	10.4	Ko	3	..	20427b
57	*3095*	9.4	+46 7	9.6	*9.7*	A3	4	..	5816m
58	..	9.4	+45 16	..	..	A	1	..	5816m
59	3096	9.4	+45 13	9.6	*10.1*	F8	3	..	5816m
60	*3383*	9.4	+45 7	9.17	*9.17*	Ao	7	..	5816m
61	3952	9.4	+38 10	8.44	*8.50*	A2	2	..	37891i
62	*4099*	9.4	+16 7	8.41	*9.41*	Ko	1	..	38900i
63	4318	9.4	+13 24	8.5	*8.8*	Fo	2	..	38900i
64	4452	9.4	+ 9 11	8.48	*9.55*	K2	4	..	10153b
65	4383	9.4	+ 8 43	9.09	*10.09*	Ko	2	..	10153b
66	4410	9.4	+ 7 45	8.4	*8.4*	Ao	6	..	10153b
67	4409	9.4	+ 7 9	8.4	*9.2*	G5	5	..	10153b
68	5401	9.4	− 9 39	9.8	*10.8*	Ko	1	..	40909b
69	*5539*	9.4	−15 52	9.2	*10.2*	Ko	1	..	21929b
70	5629	9.4	−18 0	10.3	*10.9*	Go	1	..	39412b
71	13765	9.4	−40 23	10.9	11.5	Ko	1	..	39648b
72	13938	9.4	−41 18	9.4	9.8	F8	4	..	39598b
73	*13897*	9.4	−42 57	9.3	10.2	Go	4	..	39677b
74	13698	9.4	−45 19	9.7	11.6	Ko	1	..	39598b
75	13697	9.4	−45 34	9.3	10.2	Go	3	..	39598b
76	1982	9.5	+61 20	8.9	*10.0*	K2	1	..	38795i
77	2795	9.5	+51 59	8.9	*10.3*	Ma	..	..	M
78	3222	9.5	+49 57	8.1	*9.1*	Ko	1	..	38477i
79	3384	9.5	+44 51	8.7	*9.7*	Ao	8	..	5816m
80	..	9.5	+44 30	..	..	Ao	4	..	5816m
81	4060	9.5	+40 25	7.67	*7.67*	Ao	3	..	37891i
82	3937	9.5	+36 26	8.7	*8.7*	Ao	2	..	37891i
83	4023	9.5	+35 18	7.07	*8.07*	Ko	4	..	37891i
84	3652	9.5	+27 40	8.4	*8.5*	A2	3	..	38016i
85	4431	9.5	+18 18	8.1	*8.9*	G5	1	..	38809i
86	4260	9.5	+17 54	7.9	*9.1*	K5	2	..	37908i
87	4196	9.5	+16 33	8.24	*8.24*	Ao	3	..	37908i
88	4197	9.5	+16 25	var.	var.	G5	..	R	M
89	5619	9.5	−13 42	7.11	*8.11*	Ko	..	..	56,145
90	5540	9.5	−16 26	9.2	*9.3*	A5	4	..	21929b
91	5866	9.5	−20 48	9.2	9.3	A5	5	..	39412b
92	16528	9.5	−28 23	9.2	9.5	Ko	2	..	40716b
93	13767	9.5	−40 3	10.2	10.2	F5	2	..	39648b
94	13939	9.5	−41 48	7.2	8.2	Ko	8	..	39677b
95	13489	9.5	−48 31	9.9	11.6	G5	2	..	39668b
96	12890	9.5	−50 34	9.2	10.8	K5	1	..	39666b
97	4574	9.5	−63 28	*6.9*	7.0	A3	7	..	40422b
98	..	9.5	−63 50	..	..	Go	1	..	40422b
99	4039	9.5	−64 40	*10.6*	11.4	G5	3	..	39282b
100	1407	9.5	−76 30	*9.4*	9.9	F8	2	..	42793b

192400

$20^h\ 9^m.6$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	*3385*	9.6	+45 3	10.3	*10.3*	Ao	2	..	5816m
2	..	9.6	+44 4	..	..	A2	2	..	5816m
3	3638	9.6	+42 32	7.8	*7.9*	A2	5	..	37874i
4	3923	9.6	+34 36	8.2	*9.3*	K2	3	..	37891i
5	3653	9.6	+27 14	8.0	*8.6*	Go	2	..	38016i
6	4261	9.6	+17 31	7.6	*8.7*	K2	1	..	37908i
7	..	9.6	+ 4 30	var.	var.	Md	3	R	37599b
8	4120	9.6	+ 2 56	8.9	*9.3*	F5	3	..	14670b
9	5272	9.6	−11 8	9.4	*9.8*	F5	3	..	40909b
10	5913	9.6	−17 9	7.76	*8.94*	K5	7	R	39412b
11	5755	9.6	−19 2	9.6	10.3	A5	3	..	39412b
12	5660	9.6	−21 46	8.5	9.0	G5	5	..	39412b
13	16094	9.6	−23 41	10.9	11.1	Ao	2	..	40712b
14	15917	9.6	−24 30	9.2	9.2	F5	4	..	40712b
15	13469	9.6	−46 13	8.5	8.7	F8	6	..	39666b
16	9657	9.6	−54 40	8.3	9.0	F5	8	..	42801b
17	3108	9.6	−69 20	*8.1*	8.9	G5	7	..	20427b
18	1890	9.6	−74 18	*7.7*	8.8	K2	5	..	42475b
19	761	9.7	+77 15	8.1	*9.5*	Ma	4	5,1	35007i
20	3098	9.7	+45 50	10.0	*10.8*	G5	2	..	5816m
21	4065	9.7	+40 31	10.0	*11.4*	Mb	..	..	M
22	3956	9.7	+38 28	7.10	*6.91*	B2	5	..	38508i
23	3974	9.7	+22 45	9.0	*9.3*	F2	2	..	38016i
24	4109	9.7	+21 55	7.08	*7.08*	Ao	7	..	38016i
25	4227	9.7	+14 54	4.96	*4.96*	Ao	..	O,R	56,98
26	3933	9.7	− 1 28	8.74	*9.74*	Ko	2	..	14657b
27	*5194*	9.7	− 4 53	8.50	*9.85*	Mb	3	..	40909b
28	5597	9.7	−15 5	8.4	*9.0*	Go	6	..	21929b
29	5630	9.7	−18 35	9.4	*9.9*	F8	4	..	39412b
30	*5867*	9.7	−19 52	10.0	10.9	Ko	1	..	39412b
31	16095	9.7	−23 24	10.6	9.9	Ao	2	..	40712b
32	16530	9.7	−28 31	9.1	9.0	F8	5	..	40716b
33	17773	9.7	−30 19	6.38	8.2	K2	8	..	40738b
34	17434	9.7	−31 0	8.5	10.8	K5	1	..	40738b
35	14819	9.7	−33 34	8.4	9.1	F5	2	..	40738b
36	13631	9.7	−37 55	8.7	9.2	Fo	6	..	39648b
37	13770	9.7	−40 31	8.7	8.9	Fo	6	..	40857b
38	*1233*	9.8	+68 0	7.8	*8.1*	F2	7	..	37333i
39	2796	9.8	+51 10	6.35	*7.42*	K2	7	..	37971i
40	3225	9.8	+49 9	var.	var.	Mc	..	R	M
41	..	9.8	+45 29	..	..	G5	1	..	5816m
42	3387	9.8	+44 15	8.2	*8.8*	Go	2	5,7	37874i
43	3957	9.8	+38 26	var.	var.	Pec.	..	R	M
44	3958	9.8	+38 11	8.17	*7.93*	B	3	..	1338f
45	*4026*	9.8	+36 2	7.12	*6.95*	B3	5	..	37891i
46	4199	9.8	+16 44	9.8	*11.2*	Mb	..	..	M
47	4456	9.8	+ 9 33	9.1	*9.5*	F5	4	..	10153b
48	4457	9.8	+ 5 35	9.1	*9.7*	Go	3	..	10153b
49	5403	9.8	− 9 14	9.4	*10.4*	Ko	1	..	40909b
50	*5620*	9.8	−12 56	10.9	*11.2*	Fo	2	..	21929b
51	5684	9.8	−14 34	9.2	*10.0*	G5	2	..	21929b
52	14668	9.8	−27 5	8.3	9.8	G5	3	..	40897b
53	13632	9.8	−37 7	9.4	11.0	K2	1	..	39648b
54	13706	9.8	−39 51	9.13	10.1	F2	3	..	40857b
55	1983	9.9	+61 47	5.72	*6.14*	F5	9	..	37333i
56	2363	9.9	+53 36	8.1	*9.2*	K2	1	..	37971i
57	..	9.9	+45 51	..	..	Ao	2	..	5816m
58	3813	9.9	+33 34	9.3	*9.3*	Ao	1	..	37890i
59	4100	9.9	+15 22	9.1	*9.2*	A2	1	..	38900i
60	*4121*	9.9	+ 3 6	7.7	*8.7*	Ko	9	..	14670b
61	4825	9.9	− 3 49	6.61	*6.89*	Fo	5	5,10	8604b
62	5421	9.9	− 6 35	8.6	*9.4*	G5	4	..	40909b
63	5420	9.9	− 6 37	9.6	*9.6*	Ao	2	..	40909b
64	5228	9.9	− 7 45	8.5	*9.7*	K5	3	..	40909b
65	5404	9.9	− 9 19	9.2	*9.3*	A3	4	..	40909b
66	5274	9.9	−11 28	9.4	*10.5*	K2	1	..	21929b
67	5676	9.9	−12 35	10.5	*10.9*	F5	2	..	21929b
68	5543	9.9	−16 9	8.0	*8.3*	F2	7	..	21929b
69	5756	9.9	−19 13	8.6	9.8	Ko	6	..	39412b
70	17436	9.9	−31 33	8.1	8.8	Ao	6	..	40738b
71	14019	9.9	−35 35	9.4	10.4	K2	2	..	39648b
72	14011	9.9	−36 46	6.48	8.3	Mb	6	..	40738b
73	13771	9.9	−40 46	8.8	9.8	K2	3	..	40857b
74	7393	9.9	−60 48	*9.7*	10.3	Go	2	..	39282b
75	4575	9.9	−63 36	*9.3*	9.9	Go	2	..	40422b
76	3479	9.9	−66 0	*10.4*	11.4	Ko	4	..	39282b
77	386	9.9	−86 38	*8.5*	8.6	A3	6	1,6	15173b
78	*608*	10.0	+83 8	8.7	*8.8*	A5	5	..	37294i
79	2374	10.0	+56 30	7.7	*8.8*	K2	1	..	37971i
80	..	10.0	+45 39	..	..	Go	1	..	5816m
81	4389	10.0	+ 4 29	9.5	*9.8*	Fo	4	..	14670b
82	5211	10.0	− 2 23	8.5	*9.0*	F8	4	..	14657b
83	5196	10.0	− 5 51	6.98	*7.04*	A2	5	2,8	8604b
84	5687	10.0	−14 40	9.4	*10.8*	Ma	1	..	21929b
85	5599	10.0	−15 12	9.2	*10.2*	Ko	2	..	21929b
86	14020	10.0	−35 31	6.60	7.3	F2	7	..	40738b
87	*14013*	10.0	−35 59	9.1	9.8	Go	4	..	39648b
88	*13772*	10.0	−39 57	9.28	10.4	Ko	3	..	39648b
89	6475	10.0	−61 16	*10.0*	10.0	Ao	2	..	39282b
90	2193	10.1	+59 23	6.92	*7.34*	F5	7	..	38795i
91	2194	10.1	+59 19	7.74	*8.52*	G5	2	..	38795i
92	*2375*	10.1	+57 5	7.78	*7.78*	Ao	3	..	37971i
93	3227	10.1	+49 53	8.1	*8.1*	Ao	3	E	37874i
94	3059	10.1	+48 53	7.7	*7.7*	Ao	3	..	37874i
95	3529	10.1	+43 52	8.9	*9.7*	G5	3	..	5816m
96	3528	10.1	+43 30	7.8	*7.8*	Ao	6	0,10	37874i
97	3977	10.1	+22 48	8.8	*8.8*	Ao	4	..	38016i
98	4334	10.1	+19 18	9.0	*9.1*	A2	1	..	38809i
99	4264	10.1	+12 55	8.5	*8.6*	A2	2	..	38900i
100	*4225*	10.1	+11 1	8.5	*9.7*	K5	2	..	10153b

192500

$20^h\ 10^m.1$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	42°24	10.1	+10 11	6.94	*6.94*	Ao	7	..	37908i
2	4385a	10.1	+ 8 47	var.	var.	Md	..	R	M
3	4391	10.1	+ 4 40	8.5	*9.3*	G5	5	..	14670b
4	*4236*	10.1	+ 2 1	7.9	*8.9*	Ko	5	..	14670b
5	5229	10.1	− 7 51	6.74	*6.80*	A2	10	..	40909b
6	5621	10.1	−13 22	9.2	*9.3*	A5	4	..	21929b
7	5690	10.1	−14 36	9.2	*10.2*	Ko	2	..	21929b
8	5600	10.1	−15 30	10.0	*10.3*	F2	2	..	21929b
9	13942	10.1	−41 13	7.22	7.5	F5	8	..	40857b
10	6152	10.1	−62 13	6.80	7.6	Ao	9	..	42680b
11	2131	10.1	−73 48	*9.1*	10.2	K2	1	..	42475b
12	1605	10.2	+63 14	7.9	*7.9*	B9	5	..	37333i
13	2195	10.2	+59 51	7.71	*7.71*	Ao	6	..	38795i
14	2881	10.2	+46 31	4.96	*5.02*	A2	..	*2*,R	18182c
15	3100	10.2	+45 11	10.3	*10.4*	A5	1	..	5816m
16	3817	10.2	+33 22	9.0	*9.1*	A2	2	..	37890i
17	3948	10.2	+29 54	6.94	*6.77*	B3	8	2,7-	37890i
18	3675	10.2	+28 24	5.20	*5.28*	A3	..	0,10	56,98
19	4053	10.2	+24 32	8.0	*8.0*	B9	6	..	38016i
20	4122	10.2	+ 2 45	8.3	*8.3*	Ao	8	..	14670b
21	5288	10.2	− 8 5	8.6	*9.8*	K5	1	..	40909b
22	5622	10.2	−13 30	9.2	*10.0*	G5	2	..	21929b
23	*5544*	10.2	−15 59	9.8	*9.8*	Ao	2	..	21929b
24	*15921*	10.2	−23 59	10.4	10.6	K2	1	..	40712b
25	15922	10.2	−24 9	8.9	9.2	Ko	3	..	40712b
26	14647	10.2	−25 31	8.7	9.5	Go	5	..	40712b
27	14022	10.2	−35 21	8.7	8.9	G5	4	..	40738b
28	13637	10.2	−37 52	8.4	8.9	F5	6	..	39648b
29	13774	10.2	−40 22	10.0	11.5	K5	1	..	39648b
30	11659	10.2	−52 14	6.68	7.9	F5	..	0,8	56,145
31	4576	10.2	−63 33	6.32	7.0	Ko	8	..	40422b
32	723	10.3	+75 22	9.32	*9.82*	F8	3	..	6443m
33	1108	10.3	+70 32	8.3	*8.4*	A2	4	E	37333i
34	*2196*	10.3	+60 1	8.36	*9.36*	Ko	1	..	38795i
35	*3642*	10.3	+43 4	6.25	*7.32*	K2	6	*2*,9	37874i
36	3963	10.3	+38 51	6.97	*7.03*	A2	6	..	37891i
37	3834	10.3	+37 56	9.2	*9.3*	A2	1	..	38508i
38	3949	10.3	+36 18	6.41	*6.47*	A2	..	*2*,7	56,98
39	4001	10.3	+31 41	7.38	*7.26*	B5	5	..	37890i
40	3955	10.3	+30 36	9.1	*9.2*	A2	1	..	38794i
41	4265	10.3	+12 48	7.7	*7.7*	Ao	6	2,7	37908i
42	4453	10.3	+ 0 23	8.9	*9.7*	G5	1	..	14657b
43	5678	10.3	−12 2	9.6	*10.2*	Go	2	..	21929b
44	5545	10.3	−16 36	7.23	*7.29*	A2	9	..	21929b
45	5758	10.3	−19 51	9.48	10.5	K2	2	..	39412b
46	16098	10.3	−23 42	10.4	10.0	G5	3	..	40712b
47	16099	10.3	−23 50	7.6	8.0	G5	6	..	40712b
48	13947	10.3	−38 42	9.4	10.4	A2	2	..	39648b
49	12896	10.3	−50 52	8.7	9.7	K2	2	..	39666b
50	9361	10.3	−55 33	9.1	9.9	F8	3	..	40950b
51	3847	10.3	−65 19	*9.8*	10.4	Go	2	..	20427b
52	616	10.3	−84 26	*9.2*	10.2	Ko	2	..	21397b
53	1421	10.4	+64 35	9.3	*9.3*	A	2	..	37333i
54	*3389*	10.4	+45 6	9.8	*10.3*	F8	4	..	5816m
55	3388	10.4	+44 9	10.3	*11.1*	G5	1	..	5816m
56	4029	10.4	+35 58	8.7	*9.8*	K2	1	..	37890i
57	*3930*	10.4	+35 3	7·57	*7.99*	F5	4	..	37891i
58	3931	10.4	+34 40	8.2	*9.3*	K2	2	*2*,1	37891i
59	4003	10.4	+31 11	8.0	*8.3*	F	1	..	37890i
60	3981	10.4	+22 31	9.1	*9.4*	F2	1	..	38016i
61	4115	10.4	+21 40	7.19	*8.37*	K5	4	..	38016i
62	4105	10.4	+15 24	8.9	*9.9*	Ko	1	..	37908i
63	4266	10.4	+12 24	Neb.	Neb.	Pd	1	R	38900i
64	5679	10.4	−12 0	9.2	*10.2*	Ko	3	..	21929b
65	5693	10.4	−14 36	9.2	*10.3*	K2	2	..	21929b
66	5692	10.4	−14 51	9.4	*10.4*	Ko	1	..	21929b
67	5870	10.4	−20 20	7.87	8.0	A3	8	..	39412b
68	14680	10.4	−27 55	8.0	9.0	A3	5	..	40897b
69	16927	10.4	−29 24	9.2	9.6	Ao	3	..	40716b
70	13711	10.4	−39 43	8.80	10.1	Ko	2	..	40857b
71	9843	10.4	−53 3	8.5	9.3	Go	6	..	42801b
72	6154	10.4	−62 13	*8.7*	9.7	Ko	4	..	39282b
73	950	10.4	−80 45	*9.2*	9.8	Go	2	..	21397b
74	893	10.4	−81 53	*8.7*	9.8	K2	2	..	21397b
75	1235	10.5	+67 58	6.79	*6.62*	B3	8	..	37333i
76	..	10.5	+46 35	..	..	Ao	2	..	5816m
77	2882	10.5	+46 26			Ko	..		
78		10.5	+46 26	3.95	*4.95*	B8	..	R	18182c
79	2883	10.5	+46 23	6.94	*6.92*	B9	10	R	5816m
80	3391	10.5	+44 56	10.0	*10.1*	A2	3	..	5816m
81	3390	10.5	+44 50	10.0	*10.0*	Ao	4	..	5816m
82	3392	10.5	+44 17	10.3	*11.3*	Ko	1	..	5816m
83	3530	10.5	+43 45	9.6	*9.6*	Ao	2	..	5816m
84	3932	10.5	+34 34	9.0	*9.0*	Ao	1	..	37890i
85	4300	10.5	+ 3 32	9.3	*9.7*	F5	2	..	14670b
86	4124	10.5	+ 2 33	7.6	*8.0*	F5	10	..	14670b
87	4455	10.5	+ 0 49	8.9	*9.0*	A2	5	..	14670b
88	3957	10.5	− 0 3	8.5	*8.6*	A2	7	..	14670b
89	5213	10.5	− 2 52	7.9	*7.9*	Ao	7	..	14657b
90	5407	10.5	− 9 51	10.0	*10.6*	Go	1	..	40909b
91	5332	10.5	−10 28	9.1	*9.9*	G5	3	..	40909b
92	5694	10.5	−14 29	9.8	*10.8*	Ko	1	..	21929b
93	5918	10.5	−17 42	9.6	*10.6*	Ko	1	..	39412b
94	13715	10.5	−39 19	7.24	8.9	Ko	7	..	40857b
95	*2308*	10.6	+55 6	8.61	*8.67*	A2	1	..	37971i
96	2800	10.6	+51 33	8.5	*8.6*	A2	4	..	37971i
97	3049	10.6	+47 50	8.5	*8.6*	A2	2	..	38477i
98	*2884*	10.6	+47 4	9.6	*9.6*	B9	4	..	5816m
99	3101	10.6	+45 49	8.1	*8.1*	B9	3	1,9	37874i
100	3102	10.6	+45 21	9.5	*10.0*	F8	3	..	5816m

192600 — $20^h\ 10^m.6$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3393	10.6	+44 32	10.0	*10.8*	G5	2	..	5816m
2	3531	10.6	+43 55	10.3	*10.4*	A2	3	..	5816m
3	4033	10.6	+35 53	8.4	*9.5*	K2	1	..	37890i
4	4031a	10.6	+35 38	9.2	*9.2*	A	1	..	37890i
5	4032	10.6	+35 19	8.7	*8.7*	Ao	3	0,2	37891i
6	*3934*	10.6	+35 6	8.42	*8.48*	A2	3	..	37890i
7	3838	10.6	+26 57	8.5	*8.5*	Ao	4	..	38016i
8	*4060*	10.6	+25 1	9.06	*9.06*	Ao	1	..	38016i
9	4461	10.6	+ 9 51	7.23	*7.73*	F8	4	..	37908i
10	4460	10.6	+ 9 23	9.09	*10.09*	Ko	3	..	10153b
11	..	10.6	−12 2	..	..	Ao	2	..	21929b
12	5873	10.6	−20 3	9.8	10.8	Ko	2	..	39412b
13	14898	10.6	−26 3	9.9	9.5	G5	2	..	40712b
14	15843	10.6	−32 55	7.46	7.8	G5	7	..	40738b
15	9660	10.6	−54 29	8.7	9.9	K5	2	..	42801b
16	3480	10.6	−66 30	*10.9*	11.0	A3	1	..	20427b
17	3726	10.6	−67 19	*8.4*	9.5	K2	5	..	20427b
18	1423	10.7	+64 12	8.6	*8.9*	Fo	5	..	37333i
19	1424	10.7	+64 12	9.3	*9.7*	F5	1	..	37333i
20	2310	10.7	+54 52	8.3	*9.1*	G5	1	..	37971i
21	2801	10.7	+51 11	7.8	*9.0*	K5	1	..	37971i
22	4415	10.7	+ 7 30	7.21	*7.27*	A2	9	..	10153b
23	4461	10.7	+ 5 57	9.1	*10.2*	K2	1	..	10153b
24	4393	10.7	+ 4 21	9.1	*9.4*	F2	6	..	14670b
25	5293	10.7	− 8 10	9.4	*10.5*	K2	1	..	40909b
26	5278	10.7	−11 21	9.8	*9.9*	A3	2	..	21929b
27	5695	10.7	−14 22	9.6	*9.6*	Ao	4	..	21929b
28	5921	10.7	−17 10	8.0	*8.6*	Go	8	..	39412b
29	*5761*	10.7	−18 54	10.3	*11.1*	G5	1	..	39412b
30	5874	10.7	−20 23	8.8	9.3	F2	5	..	39412b
31	14030	10.7	−35 42	9.1	10.1	Ko	4	..	39648b
32	13716	10.7	−39 16	8.93	10.7	K2	2	..	39648b
33	13709	10.7	−45 33	8.5	9.9	Ko	4	..	39666b
34	13477	10.7	−46 16	8.9	9.3	K2	4	..	39666b
35	*900*	10.8	+74 8	8.1	*8.5*	F5	4	0,2	6443m
36	3062	10.8	+48 37	8.5	*8.5*	Ao	2	..	37874i
37	3394	10.8	+44 46	9.8	*9.8*	B9	3	..	5816m
38	4071	10.8	+40 24	8.02	*8.02*	A	1	..	37891i
39	*3958*	10.8	+37 3	7.02	..	Oe5	6	R	5561m
40	3955	10.8	+36 30	4.98	*4.98*	Ao	..	0, R	56,98
41	3956	10.8	+36 21	7.94	..	Oa	2	..	37891i
42	4436	10.8	+18 9	8.7	*8.8*	A2	2	..	38809i
43	*4107*	10.8	+16 4	8.89	*8.95*	A2	1	..	37908i
44	4332	10.8	+13 19	7.9	*8.5*	Go	3	R	38900i
45		10.8	+13 19			A			
46	5295	10.8	− 8 2	8.0	*8.0*	B9	9	..	40909b
47	5294	10.8	− 8 21	9.8	*10.1*	Fo	2	..	40909b
48	*5333*	10.8	− 9 54	8.46	*9.64*	K5	4	..	40909b
49	5546	10.8	−16 39	8.7	*9.0*	F2	5	..	21929b
50	5762	10.8	−19 34	9.8	10.8	Ko	2	..	39412b
51	5875	10.8	−20 29	9.6	11.1	K2	1	..	39412b
52	17449	10.8	−31 31	7.88	8.4	Ko	6	..	40738b
53	*13646*	10.8	−36 57	8.7	8.6	Ao	4	..	40738b
54	13782	10.8	−40 39	10.9	11.8	K2	1	..	39648b
55	1600	10.8	−75 52	*8.3*	8.8	F8	7	..	42793b
56	1005	10.9	+71 25	8.3	*9.4*	K2	1	..	38067i
57	2885	10.9	+46 29	9.8	*9.8*	Ao	3	..	5816m
58	3534	10.9	+43 59	9.5	*9.6*	A3	5	..	5816m
59	3668	10.9	+41 48	6.42	*6.37*	B8	5	0,8	9666i
60	*4096*	10.9	+40 1	7.72	*7.55*	B3	2	*1,3*	37947i
61	3959	10.9	+36 27	6.60	*7.78*	K5	4	*3,4*	37947i
62	3958	10.9	+30 55	8.7	*8.7*	Ao	2	..	37890i
63	4437	10.9	+18 10	7.63	*8.05*	F5	3	..	38809i
64	4462	10.9	+ 5 54	8.7	*9.3*	Go	5	..	10153b
65	5280	10.9	−11 4	9.4	*9.5*	A5	3	..	21929b
66	5680	10.9	−12 39	6.41	*6.39*	B9	..	..	56,145
67	5624	10.9	−13 28	9.2	*10.0*	G5	3	..	21929b
68	5625	10.9	−13 52	9.8	*10.8*	Ko	1	..	21929b
69	5635	10.9	−18 43	9.4	*10.8*	Mb	2	..	39412b
70	5669	10.9	−21 14	8.4	9.0	F2	6	..	39412b
71	14901	10.9	−26 25	9.7	9.5	Go	2	*2,2*	40712b
72	14826	10.9	−33 10	9.0	10.2	G5	1	..	40738b
73	13058	10.9	−49 9	7.9	9.6	Ko	6	..	39666b
74	12473	10.9	−51 24	7.2	7.6	Ao	8	..	39666b
75	951	10.9	−80 20	*8.8*	10.0	K5	1	..	21397b
76	*2200*	11.0	+60 5	8.36	*8.64*	Fo	2	..	38795i
77	2311	11.0	+54 49	6.76	*7.76*	Ko	6	..	37971i
78	2368	11.0	+53 21	7.12	*7.12*	Ao	7	R	37971i
79	2657	11.0	+52 49	7.02	*7.44*	F5	6	..	37971i
80	3028	11.0	+50 56	7.39	*7.45*	A2	3	..	37971i
81	*3103*	11.0	+46 0	9.8	*10.3*	F8	3	..	5816m
82	3105	11.0	+45 22	9.8	*10.8*	Ko	1	..	5816m
83	3649	11.0	+42 58	8.9	*9.9*	Ko	3	..	5816m
84	3757	11.0	+32 33	6.71	*6.69*	B9	6	..	37891i
85	4165	11.0	+25 17	4.82	*4.65*	B3	..	R	5887c
86	*4240*	11.0	+15 8	8.54	*8.60*	A2	2	..	37908i
87	4334	11.0	+13 32	8.6	*8.7*	A2	2	..	38900i
88	*4418*	11.0	+ 8 0	9.5	*9.6*	A3	2	..	10153b
89	4422	11.0	+ 7 22	8.7	*10.1*	Mb	1	..	10153b
90	4243	11.0	+ 1 28	8.9	*9.5*	Go	2	..	14670b
91	5281	11.0	−11 34	9.2	*9.5*	F2	4	..	21929b
92	5604	11.0	−15 14	9.8	*9.9*	A3	3	..	21929b
93	13859	11.0	−44 52	10.6	10.8	F8	3	..	39598b
94	12900	11.0	−50 51	11.6	12.1	Mb	..	..	M
95	696	11.0	−83 46	9.08	10.2	Ko	2	..	21397b
96	2376	11.1	+56 16	4.32	*4.40*	A3	..	..	56,98
97	*3395*	11.1	+45 6	9.8	*9.8*	Ao	3	..	5816m
98	3959	11.1	+30 18	8.4	*8.4*	Ao	1	..	37890i
99	4395	11.1	+ 4 17	6.57	*7.35*	G5	10	..	14670b
100	5606	11.1	−15 29	7.76	*8.76*	Ko	8	..	21929b

192700 — 20h 11m.1

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14662	11.1	−25 5	10.2	9.8	Fo	2	..	40712b
2	13722	11.1	−39 26	var.	var.	Md	7	0,3 R	39648b
3	13723	11.1	−39 44	10.4	11.3	G5	2	..	39648b
4	13330	11.1	−47 48	9.3	10.2	F8	3	..	39668b
5	12905	11.1	−50 3	9.9	*11.3*	Mb	..	..	M
6	9362	11.1	−55 23	8.7	9.3	F5	4	..	40950b
7	..	11.2	+46 59	..	..	Go	2	..	5816m
8	2886	11.2	+46 30	10.3	*10.9*	Go	2	..	5816m
9	*3398*	11.2	+45 6	9.8	*10.4*	Go	5	..	5816m
10	3397	11.2	+44 34	7.9	*8.9*	Ko	2	0,8	37874i
11	3937	11.2	+34 41	9.2	*9.2*	A	2	..	37891i
12	3943	11.2	+23 26	8.0	*8.8*	G5	4	..	38016i
13	3944	11.2	+23 12	5.38	*6.16*	G5	8	R	38016i
14	4342	11.2	+19 39	8.6	*9.7*	K2	1	..	38809i
15	*4242*	11.2	+15 0	6.91	*7.19*	Fo	7	..	37908i
16	4460	11.2	+ 0 32	8.5	*9.5*	Ko	3	..	14670b
17	3935	11.2	− 1 48	7.54	*8.54*	Ko	5	..	14657b
18	5235	11.2	− 7 44	8.6	*9.1*	F8	5	..	40909b
19	*5300*	11.2	− 7 55	9.0	*9.5*	F8	4	..	40909b
20	5627	11.2	−13 43	9.2	*10.6*	Mb	2	..	21929b
21	5697	11.2	−14 30	8.8	*8.9*	A2	6	..	21929b
22	5636	11.2	−18 21	9.2	*9.8*	Go	3	..	39412b
23	16547	11.2	−28 49	10.2	9.8	Ao	2	..	40716b
24	13785	11.2	−40 30	7.07	7.5	F5	9	..	40857b
25	..	11.2	−52 56	var.	var.	Md	..	R	M
26	9460	11.2	−56 39	8.9	9.9	Ko	2	..	40950b
27	..	11.2	−64 30	..	..	F8	2	..	39282b
28	3108	11.3	+45 42	10.3	*11.4*	K2	1	..	5816m
29	3106	11.3	+45 19	8.7	*8.7*	B9	3	0,10	37874i
30	3399	11.3	+44 38	8.3	*9.4*	K2	4	..	5816m
31	3538	11.3	+43 14	9.5	*10.6*	K2	1	..	5816m
32	3959	11.3	+29 42	8.0	*9.0*	Ko	2	..	38794i
33	4193	11.3	+11 40	8.5	*8.5*	Ao	3	..	37908i
34	4229	11.3	+10 15	8.57	*9.64*	K2	3	..	10153b
35	4466	11.3	+ 5 58	8.5	*9.0*	F8	3	..	10153b
36	5637	11.3	−18 44	7.18	*7.24*	A2	10	..	39412b
37	5672	11.3	−21 38	var.	var.	Nb	2	0,1 R	39412b
38	14251	11.3	−34 0	7.6	8.9	G5	5	..	40738b
39	12906	11.3	−50 20	9.7	10.8	K2	1	..	39666b
40	12475	11.3	−51 50	7.4	8.5	F2	5	..	39666b
41	3481	11.3	−66 47	*8.8*	8.9	A5	7	..	20427b
42	1604	11.3	−75 28	*9.4*	9.9	F8	2	..	42793b
43	724	11.4	+75 18	9.42	*9.92*	F8	2	..	6443m
44	3845	11.4	+37 23	7.30	*7.58*	Fo	5	..	37891i
45	*3962*	11.4	+37 5	8.1	*8.1*	Ao	3	..	37891i
46	3992	11.4	+22 23	9.2	*9.5*	F	1	..	38016i
47	4486	11.4	+ 6 46	7.9	*9.0*	K2	5	..	10153b
48	3936	11.4	− 1 53	8.32	*9.32*	Ko	3	R	14657b
49	5608	11.4	−15 2	10.0	*10.6*	Go	4	..	21929b
50	5607	11.4	−15 50	9.0	*10.0*	Ko	2	..	21929b
51	*5547*	11.4	−15 57	10.0	*10.0*	Ao	3	..	21929b
52	16940	11.4	−29 43	8.1	11.1	Ma	1	..	40716b
53	14254	11.4	−34 17	8.4	9.5	F8	3	..	40738b
54	13961	11.4	−38 7	8.7	10.7	K5	5	..	39648b
55	13788	11.4	−40 29	11.1	10.7	Go	2	..	39648b
56	13953	11.4	−41 49	9.0	9.8	Go	4	..	39677b
57	14788	11.4	−42 40	10.3	12.3	K2	1	..	39677b
58	13915	11.4	−43 11	7.24	6.9	Fo	8	..	39677b
59	9663	11.4	−54 52	9.3	9.9	Go	2	..	42801b
60	9461	11.4	−56 4	8.9	9.4	Ao	4	..	40950b
61	..	11.4	−64 24	..	..	Ko	1	..	39282b
62	2511	11.4	−72 34	*9.2*	9.3	A3	3	..	42475b
63	762	11.5	+77 32	7.8	*8.2*	F5	6	..	37224i
64	..	11.5	+46 45	..	..	F8	1	E	5816m
65	3110	11.5	+45 55	9.1	*10.2*	K2	3	..	5816m
66	3971	11.5	+38 18	7.9	*7.9*	Ao	4	..	37891i
67	4170	11.5	+25 57	8.6	*8.7*	A2	3	..	38016i
68	4304	11.5	+ 3 58	9.3	*10.3*	Ko	2	..	14670b
69	4244	11.5	+ 1 45	8.3	*8.3*	B9	7	..	14670b
70	5237	11.5	− 7 9	8.6	*9.7*	K2	3	..	40909b
71	5285	11.5	−11 17	8.8	*9.6*	G5	5	..	40909b
72	5924	11.5	−17 18	7.8	*8.2*	F5	9	..	39412b
73	5880	11.5	−20 16	7.82	8.1	Ko	7	..	39412b
74	14907	11.5	−26 52	9.1	10.4	G5	1	..	40897b
75	14789	11.5	−42 49	10.6	12.0	Ko	1	..	39677b
76	13916	11.5	−43 8	10.3	11.1	Ko	2	..	39677b
77	13507	11.5	−48 54	8.7	8.7	F5	7	..	39666b
78	13061	11.5	−49 19	8.6	10.8	K5	2	..	39666b
79	9847	11.5	−53 39	*9.8*	10.2	F5	2	..	42801b
80	1426	11.6	+64 35	9.1	*9.9*	G5	2	..	37333i
81	2099	11.6	+60 20	6.16	*7.23*	K2	7	..	38795i
82	2313	11.6	+54 26	9.0	*9.1*	A2	3	..	38807i
83	3053	11.6	+47 25	7.74	*8.74*	Ko	3	..	37874i
84	3405	11.6	+44 58	9.5	*10.6*	K2	3	..	5816m
85	3402	11.6	+44 43	8.2	*9.2*	Ko	3	0,9	37874i
86	3651	11.6	+42 36	7.72	*7.70*	B9	5	..	37874i
87	3827	11.6	+33 26	5.78	*6.56*	G5	8	5,8	37891i
88	3960a	11.6	+30 46	var.	var.	Md	..	R	M
89	4232	11.6	+10 28	8.5	*9.0*	F8	5	..	10153b
90	4398	11.6	+ 4 49	9.3	*9.4*	A3	4	..	14670b
91	4838	11.6	− 3 48	6.91	*7.33*	F5	4	3,9	8604b
92	5202	11.6	− 5 46	9.4	*10.0*	Go	1	..	40909b
93	5427	11.6	− 6 49	9.2	*9.3*	A3	4	..	40909b
94	5609	11.6	−15 29	9.4	*10.0*	Go	2	..	21929b
95	5925	11.6	−17 3	10.3	*10.8*	F8	1	..	39412b
96	*5767*	11.6	−18 57	10.0	11.1	Ko	1	..	39412b
97	5766	11.6	−19 35	8.7	9.3	Ko	5	..	39412b
98	15857	11.6	−32 41	8.4	10.2	Ko	1	..	40738b
99	13729	11.6	−39 16	8.0	7.6	Ao	9	..	40857b
100	1276	11.7	+66 10	7.9	*8.9*	Ko	5	..	37333i

192800 — $20^h\,11^m.7$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	1988	11.7	+61 34	9.5	*9.6*	A5	2	..	38795i
2	3054	11.7	+47 8	6.93	*6.91*	B9	6	..	37874i
3	*4077*	11.7	+41 0	7.7	*7.7*	Ao	3	..	37902i
4	3967	11.7	+30 56	7.7	*8.5*	G5	4	..	37890i
5	3966	11.7	+30 26	9.0	*9.0*	Ao	2	..	37890i
6	3666	11.7	+27 30	4.73	*5.91*	K5	..	*3*,10	56,98
7	4401	11.7	+ 4 44	9.0	*9.8*	G5	1	..	14670b
8	4306	11.7	+ 3 54	9.8	*10.3*	F8	2	..	14670b
9	4464	11.7	+ 0 52	8.9	*10.1*	K5	1	..	14670b
10	5338	11.7	−10 0	8.61	*8.67*	A2	6	..	40909b
11	5287	11.7	−11 50	9.8	*10.4*	Go	3	..	21929b
12	5883	11.7	−20 22	9.8	10.2	A5	3	..	39412b
13	15939	11.7	−24 22	9.7	10.1	Ko	1	..	40712b
14	14908	11.7	−26 17	9.7	10.1	K2	1	..	40716b
15	13957	11.7	−41 13	8.0	9.2	K2	5	..	39677b
16	9849	11.7	−53 18	9.1	10.2	K2	2	..	42801b
17	617	11.7	−84 41	*8.7*	9.5	G5	3	..	21397b
18	3407	11.8	+44 48	8.7	*8.7*	B9	4	0,9	37874i
19	4079	11.8	+40 39	7.75	*8.93*	K5	1	..	37874i
20	4198	11.8	+11 37	8.3	*9.5*	K5	4	5,2·	10153b
21	3938	11.8	− 1 31	8.00	*8.00*	Ao	7	..	14657b
22	5239	11.8	− 7 8	9.1	*10.1*	Ko	3	..	40909b
23	5550	11.8	−16 8	7.36	*7.50*	A5	10	..	21929b
24	5548	11.8	−16 30	9.4	*10.0*	Go	2	..	21929b
25	16553	11.8	−28 27	8.9	9.2	Go	4	..	40716b
26	*13919*	11.8	−42 56	7.5	7.8	Go	8	..	39677b
27	13509	11.8	−48 2	6.28	7.9	Ma	7	..	39668b
28	3727	11.8	−67 6	*9.6*	9.9	Fo	3	..	20427b
29	941	11.9	+72 22	8.3	*9.3*	Ko	1	..	37266i
30	*3066*	11.9	+49 6	8.5	*9.5*	Ko	2	..	38477i
31	2887	11.9	+46 39	9.3	*10.1*	G5	4	E	5816m
32	*3675*	11.9	+42 6	8.5	*8.3*	B	2	R	M
33	*3944*	11.9	+35 4	8.07	*8.63*	Go	3	..	37891i
34	3831	11.9	+33 37	8.6	*8.9*	F	1	..	37891i
35	*4009*	11.9	+32 2	9.0	*10.0*	Ko	1	..	37890i
36	4130	11.9	+21 18	6.16	*7.16*	Ko	8	..	38016i
37	4499	11.9	+20 14	8.15	*8.15*	Ao	3	..	38016i
38	5206	11.9	− 5 24	9.2	*9.8*	Go	1	..	14149b
39	*5431*	11.9	− 5 52	8.8	*9.3*	F8	3	..	40909b
40	5703	11.9	−14 16	8.5	*8.5*	Ao	8	..	21929b
41	15944	11.9	−24 15	10.4	9.8	Go	1	..	40712b
42	14038	11.9	−35 42	10.4	10.7	Fo	2	..	39648b
43	13789	11.9	−40 20	10.7	11.8	G5	1	..	39648b
44	13869	11.9	−44 51	7.64	8.1	Ko	8	..	39666b
45	2552	11.9	−71 31	*8.7*	9.3	Go	4	..	42475b
46	952	11.9	−80 46	*9.3*	10.3	K	1	..	21397b
47	1007	12.0	+71 41	8.2	*8.6*	F5	2	..	37224i
48	1439	12.0	+65 56	9.5	*10.9*	Mc	..	..	M
49	2314	12.0	+54 13	8.6	*8.6*	Ao	3	..	37971i
50	4132	12.0	+21 59	6.94	*8.01*	K2	5	..	38016i
51	4272	12.0	+17 16	8.6	*10.0*	Mb	..	..	M
52	5414	12.0	− 9 38	9.4	*10.6*	K5	1	..	40909b
53	5630	12.0	−13 9	8.5	*9.5*	Ko	6	..	21929b
54	5884	12.0	−20 6	9.6	10.5	Ko	2	..	39412b
55	14911	12.0	−26 32	9.7	10.7	K2	1	..	40897b
56	17803	12.0	−30 49	8.1	9.2	A2	4	..	40738b
57	14260	12.0	−34 32	9.0	9.8	Go	2	..	40738b
58	13963	12.0	−38 23	9.4	10.7	Ko	2	..	39648b
59	13337	12.0	−47 28	10.6	11.1	Ko	1	..	39668b
60	13338	12.0	−47 33	10.1	11.1	Ko	1	..	39668b
61	13511	12.0	−48 16	10.3	10.8	Go	3	..	39666b
62	13065	12.0	−49 41	9.5	10.8	Ko	2	..	39666b
63	11666	12.0	−52 30	8.8	9.6	F5	5	..	42801b
64	6155	12.0	−62 30	*9.9*	10.0	A3	3	..	39282b
65	3729	12.0	−67 38	*6.7*	7.2	F8	10	..	20427b
66	3113	12.1	+45 26	6.90	*6.98*	A3	6	*1*,7	37874i
67	3541	12.1	+43 50	7.36	*8.54*	K5	3	..	37874i
68	3540	12.1	+43 42	7.10	*7.44*	F2	6	..	37874i
69	*3678*	12.1	+42 3	7.9	*8.5*	Go	3	..	37874i
70	4040	12.1	+35 49	9.2	*9.2*	A	2	..	38508i
71	*4133*	12.1	+22 5	7.12	*7.26*	A5	7	..	38016i
72	4428	12.1	+ 7 39	9.1	*10.3*	K5	1	..	10153b
73	4490	12.1	+ 6 46	7.5	*8.9*	Mb	6	..	10153b
74	4307	12.1	+ 3 28	9.1	*9.1*	B9	5	..	14670b
75	5219	12.1	− 2 11	9.2	*9.3*	A2	3	..	14657b
76	5683	12.1	−12 49	4.55	*5.11*	Gop	..	R	794c
77	5928	12.1	−17 11	10.7	*11.5*	G5	2	..	39412b
78	5638	12.1	−18 22	9.4	*10.4*	Ko	2	..	39412b
79	5384	12.1	−22 7	5.96	7.4	Ko	..	0,10	56,145
80	15946	12.1	−24 40	9.1	8.3	A2	7	..	40712b
81	14677	12.1	−25 19	9.9	9.8	Ko	3	..	40712b
82	13964	12.1	−38 24	8.8	11.3	Ma	1	..	39648b
83	14794	12.1	−42 1	9.1	10.2	K2	4	..	39677b
84	13495	12.1	−46 9	10.1	11.6	K2	1	..	45073b
85	13341	12.1	−47 4	9.7	11.1	K2	1	0,1	39668b
86	13340	12.1	−47 54	6.34	6.8	F5	9	..	39668b
87	3730	12.1	−67 4	6.58	6.9	F5	10	..	20427b
88	3731	12.1	−67 52	*9.5*	10.3	G5	3	0,2	39282b
89	726	12.2	+75 57	8.12	*8.90*	G5	2	*5*,5	37224i
90	2101	12.2	+60 28	9.5	*9.6*	A2	1	..	38795i
91	3116	12.2	+45 44	9.1	*9.1*	A	1	..	37874i
92	3849	12.2	+26 11	7.28	*8.06*	G5	4	..	38016i
93	4173	12.2	+25 34	8.0	*8.1*	A2	4	..	38016i
94	*4500*	12.2	+21 6	7.06	*7.06*	Ao	8	..	38016i
95	4393	12.2	+ 8 40	6.59	*6.93*	F2	9	..	10153b
96	*4468*	12.2	+ 1 0	8.34	*8.68*	F2	7	..	14670b
97	5221	12.2	− 2 22	7.8	*8.6*	G5	5	..	14657b
98	5302	12.2	− 8 30	10.0	*11.0*	Ko	1	..	40909b
99	5929	12.2	−17 25	10.0	*11.0*	Ko	1	..	39412b
100	*5641*	12.2	−17 59	var.	var.	A2	2	R	39412b

192900 — 20h 12m.2

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5639	12.2	−18 8	9.6	*10.7*	K2	1	..	39412b
2	5640	12.2	−18 31	8.6	*9.1*	F8	4	..	39412b
3	16949	12.2	−29 30	9.7	10.4	Ao	2	..	40716b
4	7394	12.2	−60 18	*9.6*	10.4	G5	2	..	39282b
5	*2135*	12.2	−72 58	*7.6*	8.4	G5	5	..	42475b
6	1606	12.2	−75 44	*9.2*	10.2	Ko	2	..	42793b
7	764	12.3	+77 25	4.40	*4.38*	B9	..	R	**56**,98
8	781	12.3	+76 34	9.6	*10.2*	G	1	..	6443m
9	3059	12.3	+47 24	4.16	*5.16*	Ko	..	0,9 R	18182c
10		12.3	+47 24			A3			
11	3543	12.3	+43 20	8.10	*8.52*	F5	3	..	37874i
12	3684	12.3	+28 49	8.1	*8.2*	A2	2	..	38510i
13	3668	12.3	+27 29	6.69	*6.69*	Aop	..	*1*,9 R	**56**,98
14	3998	12.3	+22 54	9.1	*9.2*	A5	1	..	38016i
15	4275	12.3	+17 31	8.4	*9.5*	K2	1	..	38809i
16	4405	12.3	+ 4 47	9.1	*9.2*	A3	2	..	14670b
17	4248	12.3	+ 1 9	8.44	*8.72*	Fo	4	..	14670b
18	5222	12.3	− 2 15	9.2	*9.2*	Ao	3	..	14657b
19	5433	12.3	− 6 43	8.0	*8.8*	G5	5	..	40909b
20	5417	12.3	− 9 10	8.6	*9.4*	G5	4	..	40909b
21	5554	12.3	−16 34	9.6	*10.7*	K2	2	..	21929b
22	5643	12.3	−18 34	7.44	*7.44*	Ao	3	..	44062b
23	5385	12.3	−22 18	7.64	8.0	F5	8	..	40712b
24	16565	12.3	−28 7	9.5	9.8	Go	3	..	40897b
25	14046	12.3	−35 11	9.4	10.1	G5	4	5,1	39648b
26	14796	12.3	−42 35	9.1	9.2	G5	5	..	39677b
27	..	12.3	−62 33	..	..	Ao	2	..	39282b
28	..	12.3	−64 38	..	..	Ma	2	..	39282b
29	..	12.3	−64 54	..	..	K5	3	..	39282b
30	2513	12.3	−72 21	*8.8*	9.8	Ko	2	..	42475b
31	782	12.4	+76 31	9.8	*10.6*	G5	2	..	6443m
32	1796	12.4	+62 52	8.7	*9.0*	F2	2	..	37333i
33	3060	12.4	+47 21	9.1	*9.1*	A	2	..	38477i
34	3977	12.4	+38 35	6.14	*6.14*	Ao	9	..	37891i
35	3950	12.4	+34 27	9.2	*9.3*	A2	1	..	37890i
36	3833	12.4	+33 32	8.6	*8.6*	Ao	3	..	37890i
37	*4276*	12.4	+18 3	7.72	*7.72*	Ao	3	..	37908i
38	4208	12.4	+16 28	7.9	*8.9*	Ko	3	5,3	38900i
39	5434	12.4	− 6 40	9.2	*9.8*	Go	3	..	40909b
40	16566	12.4	−28 26	9.2	9.5	Ao	3	..	40897b
41	13795	12.4	−40 31	10.0	10.7	G5	2	..	39648b
42	13922	12.4	−43 38	9.7	10.8	F5	2	..	39677b
43	3069	12.5	+48 13	8.8	*8.8*	A	1	..	37874i
44	4075	12.5	+24 22	5.45	*6.45*	Ko	9	..	38016i
45	5305	12.5	− 8 22	7.39	*8.39*	Ko	9	..	40909b
46	5421	12.5	− 9 7	9.4	*10.6*	K5	1	..	40909b
47	5685	12.5	−12 51	3.77	*4.55*	G5	..	R	794c
48	13923	12.5	−43 2	9.5	9.6	F2	5	..	39677b
49	7604	12.5	−59 2	7.5	7.6	Ao	9	0,9	42680b
50	897	12.5	−81 3	*8.8*	9.1	Fo	3	..	21397b
51	783	12.6	+76 57	9.5	*9.6*	A3	3	..	6443m
52	2078	12.6	+58 38	7.31	*8.38*	K2	4	..	38795i
53	3685	12.6	+28 13	7.7	*7.7*	Ao	5	..	38493i
54	4120	12.6	+15 33	7.34	*7.32*	B9	6	1,7	37908i
55	4204	12.6	+11 54	8.3	*8.3*	B9	3	..	37908i
56	*5290*	12.6	−10 55	7.6	*8.6*	Ko	5	..	40909b
57	5677	12.6	−21 39	9.4	9.9	Go	1	..	40712b
58	15952	12.6	−24 0	10.2	9.5	Go	2	..	40712b
59	13967	12.6	−38 31	10.7	11.5	Ao	1	..	39648b
60	13729	12.6	−45 3	8.31	9.3	G5	6	..	39666b
61	13498	12.6	−46 44	9.2	10.2	K2	4	..	39666b
62	12915	12.6	−50 3	9.56	10.8	Ko	2	..	39666b
63	*11668*	12.6	−51 58	8.4	10.2	Ko	4	..	42801b
64	..	12.6	−65 6	..	..	Ko	3	..	39282b
65	2136	12.6	−73 23	*8.3*	9.1	G5	3	..	42475b
66	1088	12.6	−79 43	8.33	9.2	K2	3	..	21397b
67	2374	12.7	+53 51	7.46	*8.81*	Ma	2	..	37971i
68	4086	12.7	+40 39	7.8	*7.6*	B2	4	1,3	37902i
69	3850	12.7	+26 44	7.9	*7.9*	Ao	4	..	38016i
70	*4444*	12.7	+19 6	8.9	*9.2*	F2	2	..	38809i
71	4408	12.7	+ 4 42	8.5	*9.5*	K	1	..	14670b
72	5613	12.7	−15 9	8.1	*8.2*	A5	6	..	21929b
73	*5644*	12.7	−17 52	9.0	*9.1*	A3	4	..	39412b
74	5771	12.7	−19 36	8.2	8.5	Fo	6	..	39412b
75	14703	12.7	−27 23	8.0	9.2	Ko	5	..	40716b
76	11669	12.7	−52 9	8.9	11.1	Mb	1	..	42801b
77	9364	12.7	−55 18	8.5	8.7	A2	6	..	40950b
78	7742	12.7	−58 55	8.7	8.9	Fo	4	..	40950b
79	7605	12.7	−59 20	7.8	8.2	Ao	8	..	42680b
80	6476	12.7	−61 43	*9.1*	9.4	Fo	5	..	39282b
81	2206	12.8	+59 18	8.7	*8.8*	A2	3	..	38795i
82	2352	12.8	+55 21	6.63	*7.63*	Ko	7	..	37971i
83	3236	12.8	+49 55	6.31	*6.31*	Ao	7	*1*,8	38477i
84	*3070*	12.8	+49 7	8.6	*9.8*	K5	1	..	38477i
85	3119	12.8	+45 16	5.87	*6.29*	F5	8	0,9	38477i
86	*3546*	12.8	+44 0	8.7	*8.7*	Ao	3	..	37874i
87	3978	12.8	+36 45	6.32	*6.20*	B5	7	4,8	37891i
88	3980	12.8	+36 38	8.2	*9.0*	G5	2	..	38508i
89	4044	12.8	+35 58	6.98	*7.76*	G5	5	..	37891i
90	4047	12.8	+35 9	7.17	*7.15*	B9	8	..	37891i
91	3835	12.8	+33 38	8.1	*8.1*	Ao	3	..	37891i
92	4016	12.8	+31 48	8.0	*8.8*	G5	1	..	37890i
93	4139	12.8	+21 16	8.0	*8.0*	Ao	6	..	38016i
94	4469	12.8	+ 5 54	8.3	*8.4*	A3	5	..	10153b
95	*5242*	12.8	− 6 55	8.6	*9.1*	F8	4	..	40909b
96	5309	12.8	− 8 38	8.6	*8.6*	Ao	7	..	40909b
97	5557	12.8	−16 23	9.6	*10.6*	Ko	2	..	21929b
98	5772	12.8	−19 41	9.4	9.6	F8	3	..	39412b
99	5886	12.8	−20 0	8.93	9.6	K2	3	..	39412b
100	13740	12.8	−39 2	9.4	10.1	Ao	3	..	40857b

193000 — $20^h\,12^m.8$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13742	12.8	−39 34	10.0	11.3	Ko	1	..	40857b
2	9365	12.8	−55 22	6.16	8.2	K5	7	..	40950b
3	*9465*	12.8	−55 58	*10.1*	10.2	A3	2	..	42801b
4	3482	12.8	−66 45	*10.9*	11.3	F5	4	..	39282b
5	1308	12.8	−78 31	*8.1*	8.2	A2	5	..	21397b
6	3071	12.9	+48 8	8.7	*8.7*	Ao	2	..	38477i
7	3860	12.9	+37 20	8.0	*7.8*	B	4	..	38508i
8	3953	12.9	+34 15	8.8	*8.8*	Ao	1	..	37890i
9	*4018*	12.9	+32 4	7.02	*6.78*	Bop	6	R	37890i
10	4020	12.9	+31 12	6.83	*6.83*	Ao	8	..	37890i
11	3968	12.9	+29 48	8.0	*9.1*	K2	1	..	38794i
12	4180	12.9	+25 53	8.8	*8.8*	Ao	2	..	38016i
13	3956	12.9	+23 56	9.2	*9.5*	F	1	..	38016i
14	4433	12.9	+ 7 36	8.3	*9.5*	K5	1	..	10153b
15	4432	12.9	+ 7 29	10.1	*10.6*	F8	2	..	10153b
16	4470	12.9	+ 5 16	8.51	*8.79*	Fo	6	..	14670b
17	5216	12.9	− 5 2	7.35	*7.85*	F8	8	..	14657b
18	5440	12.9	− 6 38	7.8	*7.9*	A5	7	..	40909b
19	5422	12.9	− 9 14	9.6	*10.2*	Go	1	..	40909b
20	5707	12.9	−14 12	9.8	*9.8*	Ao	4	..	21929b
21	14848	12.9	−33 3	7.38	7.7	Ko	6	..	40738b
22	13970	12.9	−38 31	9.4	12.0	Ma	1	..	39648b
23	13343	12.9	−47 3	9.5	9.9	Go	3	..	39666b
24	13516	12.9	−48 47	9.5	9.3	Ao	6	..	39666b
25	12918	12.9	−50 8	var.	var.	Nb	..	R	M
26	12487	12.9	−51 1	var.	var.	Mc	2	R	39666b
27	3111	12.9	−69 44	*8.8*	9.8	Ko	2	..	20427b
28	784	13.0	+76 52	var.	var.	Pec.	1	R	6443m
29	901	13.0	+73 41	8.7	*8.7*	Ao	6	*1,4*	6443m
30	1427	13.0	+64 27	7.25	*8.03*	G5	6	..	37333i
31	*2162*	13.0	+58 1	8.1	*9.2*	K2	2	..	38795i
32	3980	13.0	+38 35	8.1	*7.9*	B	4	..	1338f
33	3863	13.0	+37 8	8.0	*8.3*	Fo	4	..	37891i
34	3837	13.0	+33 49	7.8	*7.8*	B9	5	..	37891i
35	4141	13.0	+21 26	7.7	*8.8*	K2	2	..	38016i
36	4504	13.0	+20 38	8.0	*8.5*	F8	2	..	38016i
37	5646	13.0	−18 10	7.8	*8.3*	F8	9	..	39412b
38	5645	13.0	−18 38	9.2	*9.7*	F8	5	..	39412b
39	16135	13.0	−23 23	9.9	9.9	A3	3	..	40712b
40	15958	13.0	−24 13	7.78	8.6	K2	6	..	40712b
41	17815	13.0	−30 0	9.43	10.3	Ko	1	..	40716b
42	*13971*	13.0	−40 57	8.4	8.9	Ko	6	..	39677b
43	14803	13.0	−42 21	9.9	10.7	Go	3	..	39677b
44	13927	13.0	−43 49	10.3	11.6	K2	1	..	39677b
45	19366	13.0	−55 50	9.2	9.9	Ko	3	..	42801b
46	7395	13.0	−60 35	*9.5*	10.0	F8	3	..	39282b
47	..	13.0	−62 13	..	..	K2	2	..	39282b
48	4577	13.0	−63 10	*10.4*	10.9	F8	3	..	39282b
49	1089	13.0	−79 5	*7.5*	8.0	F8	7	..	21397b
50	618	13.0	−84 2	*8.7*	9.8	K2	3	..	21397b
51	609	13.1	+82 32	8.7	*9.2*	F8	4	..	37294i
52	2382	13.1	+56 34	8.7	*8.8*	A2	1	..	37971i
53	2354	13.1	+55 18	7.77	*8.77*	Ko	3	..	37971i
54	2666	13.1	+52 12	7.32	*8.50*	K5	3	..	37971i
55	3689	13.1	+28 37	8.0	*8.1*	A2	3	..	38510i
56	3852	13.1	+26 14	8.6	*9.8*	K5	1	..	38794i
57	5230	13.1	− 2 14	8.6	*9.8*	K5	2	..	14657b
58	14057	13.1	−35 51	10.0	10.7	G5	1	..	39648b
59	13800	13.1	−40 15	10.4	10.7	Go	2	..	39648b
60	13928	13.1	−43 48	10.3	11.5	K2	2	..	39677b
61	3483	13.1	−66 19	*10.2*	11.4	K5	1	..	20427b
62	3549	13.2	+43 18	7.82	*8.38*	Go	5	..	37874i
63	4113	13.2	+39 23	7.65	*7.65*	Ao	4	..	37891i
64	4048	13.2	+35 38	7.53	*7.53*	Ao	5	..	37891i
65	4002	13.2	+22 19	9.0	*9.0*	Ao	2	..	38016i
66	4143	13.2	+21 50	8.1	*9.2*	K2	1	..	38016i
67	5312	13.2	− 8 16	8.4	*8.9*	F8	6	..	40909b
68	*5387*	13.2	−21 58	9.4	9.4	A2	4	..	40712b
69	14923	13.2	−26 28	10.4	10.1	G5	2	..	40897b
70	17820	13.2	−30 31	8.1	9.5	K2	3	..	40738b
71	15878	13.2	−32 35	8.0	9.0	K2	4	..	40738b
72	14277	13.2	−34 7	8.4	10.1	G5	1	..	40738b
73	13745	13.2	−39 15	9.14	9.8	Go	3	..	40857b
74	*13802*	13.2	−39 59	7.48	8.9	Ko	6	..	40857b
75	13070	13.2	−49 35	8.3	10.2	Ko	4	..	39666b
76	3866	13.3	+37 22	8.0	*7.8*	B	3	R	37891i
77	*3987*	13.3	+37 7	7.97	..	Oc	3	R	37891i
78	4003	13.3	+22 51	8.6	*9.0*	F5	2	..	38016i
79	*4355*	13.3	+20 7	8.30	*9.37*	K2	1	..	38809i
80	4447	13.3	+18 58	7.9	*8.4*	F8	3	..	38809i
81	4251	13.3	+14 49	9.3	*9.8*	F8	2	..	38900i
82	4310	13.3	+ 3 22	7.9	*8.9*	Ko	7	..	14670b
83	5933	13.3	−17 33	9.4	*10.5*	K2	1	..	39412b
84	*17822*	13.3	−29 57	7.50	7.7	B9	8	..	40738b
85	12920	13.3	−50 7	9.5	10.5	A2	1	..	39666b
86	9853	13.3	−53 5	9.1	9.9	Go	3	..	42801b
87	6477	13.3	−61 17	*10.0*	10.0	Ao	2	..	39282b
88	1278	13.4	+66 46	8.9	*9.9*	Ko	2	..	37333i
89	2813	13.4	+51 41	7.29	*7.27*	B9	7	..	37971i
90	*3414*	13.4	+45 1	7.52	*8.59*	K2	3	..	37874i
91	3666	13.4	+42 33	8.5	*8.5*	A	3	..	37874i
92	*4114*	13.4	+40 3	5.50	*6.68*	K5	7	0,7	37902i
93	4050	13.4	+35 44	8.6	*9.2*	G	2	..	37891i
94	3695	13.4	+28 50	6.38	*7.38*	Ko	6	..	37890i
95	*4184*	13.4	+26 4	8.4	*8.9*	F8	3	..	38016i
96	4508	13.4	+20 48	8.4	*8.4*	Ao	3	..	38016i
97	4124	13.4	+15 42	8.6	*9.8*	K5	1	..	38900i
98	4474	13.4	+ 9 28	9.14	*10.14*	K	1	..	10153b
99	5344	13.4	−10 12	8.0	*8.1*	A2	7	..	40909b
100	5686	13.4	−12 20	9.4	*9.5*	A5	2	..	21929b

193100 — 20h 13m.4

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5687	13.4	−12 45	9.6	*10.8*	K5	1	..	21929b
2	5708	13.4	−14 36	7.41	*8.41*	Ko	8	..	21929b
3	5615	13.4	−15 10	9.2	*10.0*	G5	2	..	21929b
4	5558	13.4	−16 10	8.0	*9.4*	Mb	6	R	21929b
5	5935	13.4	−17 25	10.0	*11.2*	K5	1	..	39412b
6	5934	13.4	−17 32	9.8	*9.9*	A3	3	..	39412b
7	5681	13.4	−21 29	8.6	9.3	Go	4	..	40712b
8	5389	13.4	−22 27	8.6	9.4	Ko	4	..	40712b
9	15882	13.4	−32 3	7.21	7.7	F2	9	..	40738b
10	14044	13.4	−36 7	9.3	10.7	K2	1	..	39648b
11	14045	13.4	−36 49	7.6	8.9	G5	7	..	40857b
12	*13931*	13.4	−42 59	9.0	9.6	Go	5	..	39677b
13	13347	13.4	−47 31	9.5	10.2	Ko	3	..	39666b
14	2897	13.5	+46 38	9.3	9.4	A2	1	..	38477i
15	3552	13.5	+43 22	7.65	*7.65*	Ao	5	..	37874i
16	3687	13.5	+41 30	8.1	*9.2*	K2	2	..	37902i
17	4090	13.5	+40 32	9.0	*8.8*	B	2	..	1338f
18	*3977*	13.5	+30 0	8.01	*9.19*	K5	1	..	38794i
19	*4357*	13.5	+20 0	8.65	*8.71*	A2	1	..	38809i
20	4475	13.5	+ 9 33	8.91	*8.97*	A2	2	..	10153b
21	4311	13.5	+ 3 45	9.1	*9.1*	Ao	4	..	14670b
22	4475	13.5	+ 0 19	6.92	*7.00*	A3	9	..	14670b
23	5443	13.5	− 6 33	10.4	*10.4*	Ao	1	..	40909b
24	5245	13.5	− 7 3	9.8	*10.3*	F8	2	..	40909b
25	5244	13.5	− 7 12	9.2	*9.8*	Go	3	..	40909b
26	*5314*	13.5	− 7 58	10.3	*10.3*	Ao	2	..	40909b
27	5315	13.5	− 8 35	9.0	*9.8*	G5	3	..	40909b
28	*5887*	13.5	−19 53	9.18	9.6	Go	4	..	39412b
29	14928	13.5	−26 39	9.7	9.5	A3	2	..	40716b
30	14855	13.5	−33 10	8.5	8.6	Ao	5	..	40738b
31	13983	13.5	−38 43	10.2	11.8	G5	1	..	39648b
32	13932	13.5	−43 12	8.1	8.7	Ko	7	..	39677b
33	13882	13.5	−44 47	10.3	11.1	G5	2	..	39677b
34	9469	13.5	−56 5	8.7	9.7	F5	3	..	40950b
35	340	13.6	+85 28	7.95	*9.02*	K2	3	..	37294i
36	..	13.6	+75 51	..	..	F8	2	..	6443m
37	727	13.6	+75 27	10.3	*10.7*	F5	1	..	6443m
38	1111	13.6	+70 48	7.9	*8.2*	Fo	5	..	37333i
39	2814	13.6	+51 48	7.7	*8.7*	Ko	1	..	37971i
40	3122	13.6	+45 10	8.92	*8.92*	A	1	..	37874i
41	4255	13.6	+14 52	8.5	*8.5*	Ao	1	..	37908i
42	4476	13.6	+ 9 20	8.7	*9.8*	K2	3	..	10153b
43	4473	13.6	+ 5 20	8.5	*8.8*	Fo	7	..	14670b
44	3947	13.6	− 1 5	9.1	*9.1*	Ao	2	..	14657b
45	5445	13.6	− 6 17	10.4	*10.8*	F5	2	..	40909b
46	*5246*	13.6	− 6 57	7.8	*8.6*	G5	8	..	40909b
47	5295	13.6	−11 7	7.8	*7.8*	Ao	7	..	40909b
48	..	13.6	−17 28	..	..	Fo	3	..	39412b
49	5649	13.6	−18 47	9.4	*9.9*	F8	2	..	39412b
50	5776	13.6	−19 26	5.46	7.3	Ko	..	R	56,145
51	5684	13.6	−21 15	6.61	7.4	Fo	9	..	40712b
52	16968	13.6	−29 41	8.9	9.8	Fo	3	..	40716b
53	13748	13.6	−39 41	8.8	8.3	A3	7	..	40857b
54	13934	13.6	−43 42	9.9	10.8	F8	2	..	39677b
55	13883	13.6	−44 12	9.9	11.8	Ma	1	..	39677b
56	13350	13.6	−47 19	10.1	10.2	F2	2	..	39666b
57	6156	13.6	−62 22	*9.8*	10.4	Go	1	..	39282b
58	2514	13.6	−72 30	*9.0*	9.4	F5	2	..	42475b
59	4093	13.7	+40 17	7.22	*7.17*	B8	5	0,5	37891i
60	4186	13.7	+25 11	8.76	*8.90*	A5	1	..	38794i
61	*4282*	13.7	+18 1	7.77	*7.77*	Ao	3	..	37908i
62	4241	13.7	+10 40	8.4	*8.7*	A3	3	0,2-	10153b
63	5087	13.7	− 4 36	8.8	*9.8*	Ko	3	..	14657b
64	5222	13.7	− 5 40	10.0	*10.0*	Ao	1	..	40909b
65	5221	13.7	− 5 49	9.6	*9.7*	A2	3	..	40909b
66	5248	13.7	− 7 31	9.2	*10.0*	G5	3	..	40909b
67	5247	13.7	− 7 37	9.2	*10.2*	Ko	2	..	40909b
68	5616	13.7	−15 24	9.2	*9.8*	Go	4	..	21929b
69	5560	13.7	−16 49	9.8	*10.6*	G5	3	..	39412b
70	16148	13.7	−23 2	9.2	8.8	F2	6	..	40712b
71	*14696*	13.7	−24 58	9.35	9.8	K2	1	..	40712b
72	14715	13.7	−27 39	8.9	9.5	A5	4	..	40716b
73	17492	13.7	−31 34	8.5	10.4	K5	1	..	40897b
74	*14857*	13.7	−32 55	7.06	7.6	Fo	8	..	40738b
75	14811	13.7	−42 37	9.5	9.8	Go	4	..	39677b
76	13885	13.7	−44 32	10.3	11.8	K2	1	..	39677b
77	12923	13.7	−50 20	7.52	7.1	A2	10	..	39666b
78	9670	13.7	−54 46	*9.2*	10.2	Ko	1	..	42801b
79	3848	13.7	−65 34	*10.7*	11.3	Go	5	..	39282b
80	851	13.8	+74 27	10.0	*10.0*	Ao	2	..	6443m
81	*2818*	13.8	+52 5	7.9	*7.9*	Ao	5	..	37971i
82	4115	13.8	+39 16	6.56	*6.56*	Ao	8	..	37891i
83	3867	13.8	+37 55	7.12	6.93	B2	4	..	37891i
84	3868	13.8	+37 18	8.5	*9.3*	G5	2	..	37891i
85	4027	13.8	+31 49	9.0	*10.0*	Ko	1	..	37890i
86	4496	13.8	+ 6 35	8.9	*9.2*	Fo	3	..	10153b
87	5447	13.8	− 6 13	10.4	*11.2*	G5	1	..	40909b
88	5250	13.8	− 7 16	9.2	*10.3*	K2	2	..	40909b
89	5249	13.8	− 7 48	9.4	*10.2*	G5	2	..	40909b
90	5889	13.8	−20 14	8.1	8.4	Ko	8	..	39412b
91	5685	13.8	−21 13	9.2	9.6	G5	2	..	40712b
92	5390	13.8	−22 12	9.0	9.0	Go	3	..	40712b
93	14697	13.8	−25 32	7.02	7.7	Go	8	..	40712b
94	14287	13.8	−34 53	6.64	7.6	Go	8	..	40738b
95	13809	13.8	−40 16	10.7	11.5	Go	1	..	39648b
96	13886	13.8	−44 15	10.6	11.6	Ko	1	..	39677b
97	*13506*	13.8	−45 58	10.3	10.7	A2	2	..	39598b
98	13507	13.8	−46 44	10.3	10.8	Go	1	..	39666b
99	13523	13.8	−48 36	9.5	9.9	Ko	4	..	39666b
100	4040	13.8	−64 30	*8.8*	8.9	A5	5	..	20427b

193200 — $20^h\ 13^m.8$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	..	13.8	−67 10	..	..	A3	2	..	39282b
2	785	13.9	+76 55	9.3	*10.5*	K5	3	0,1	6443m
3	*3244*	13.9	+50 4	8.52	*8.58*	A2	1	..	38477i
4	*4054*	13.9	+36 7	8.6	*9.0*	F5	2	..	37891i
5	4085	13.9	+24 11	8.7	*9.1*	F5	2	..	38016i
6	4254	13.9	+ 1 19	9.1	*9.5*	F5	3	..	14670b
7	5224	13.9	− 5 8	9.4	*9.4*	Ao	3	..	14149b
8	5448	13.9	− 6 9	9.0	*9.1*	A5	5	..	40909b
9	5635	13.9	−13 7	8.0	*8.3*	Fo	8	..	21929b
10	5617	13.9	−15 48	9.0	*10.0*	Ko	1	..	21929b
11	14064	13.9	−35 31	10.0	10.4	G5	1	..	39648b
12	13938	13.9	−43 55	10.3	10.8	Go	3	..	39677b
13	13741	13.9	−45 51	7.4	7.8	F5	8	..	39666b
14	451	14.0	+84 23	6.61	*6.67*	A2	8	..	37294i
15	1608	14.0	+63 53	8.9	*9.7*	G5	3	..	37333i
16	3245	14.0	+49 58	8.22	*9.00*	G5	1	..	38477i
17	3670	14.0	+42 24	6.45	*7.52*	K2	5	..	37874i
18	3846	14.0	+33 46	7.43	*8.78*	Mb	3	..	37891i
19	3771	14.0	+32 48	8.5	*9.3*	G5	2	..	37890i
20	4189	14.0	+25 20	6.78	*6.61*	B3	7	..	38016i
21	4188	14.0	+25 12	7.76	*8.94*	K5	3	..	38016i
22	*4220*	14.0	+17 2	6.97	*8.15*	K5	4	..	37908i
23	4219	14.0	+16 9	8.9	*8.9*	Ao	1	..	38900i
24	4127	14.0	+ 2 53	8.5	*9.7*	K5	1	..	14670b
25	4255	14.0	+ 1 55	7.27	*7.55*	Fo	9	..	14670b
26	5251	14.0	− 7 43	10.0	*11.2*	K5	1	..	40909b
27	5936	14.0	−17 48	8.0	*9.0*	Ko	4	..	39412b
28	..	14.0	−19 25	..	..	A2	1	..	39412b
29	*17829*	14.0	−29 59	9.13	10.4	Ko	2	..	40897b
30	14859	14.0	−33 16	8.0	8.9	Ko	3	..	40738b
31	9370	14.0	−55 7	8.44	9.3	G5	5	..	40950b
32	..	14.0	−64 55	..	..	Ko	2	..	39282b
33	3484	14.0	−66 13	*9.8*	11.0	K5	2	..	20427b
34	*2515*	14.0	−71 58	*7.8*	8.6	G5	7	..	42475b
35	1993	14.1	+61 11	9.0	*10.0*	Ko	1	..	38795i
36	3672	14.1	+42 52	8.9	*8.9*	A	3	..	37874i
37	3871	14.1	+37 43	4.88	*4.66*	B1p	..	R	1433c
38	3773	14.1	+32 53	8.0	*8.0*	B9	5	..	37891i
39	4190	14.1	+25 18	8.06	*8.06*	Ao	4	..	38016i
40	5090	14.1	− 4 4	8.5	*8.9*	F5	5	..	14657b
41	5636	14.1	−13 24	9.2	*9.7*	F8	3	..	21929b
42	5895	14.1	−20 13	9.0	9.3	Go	4	..	39412b
43	16583	14.1	−28 9	9.4	9.5	Go	4	..	40897b
44	16977	14.1	−29 26	8.1	8.7	Ko	6	..	40897b
45	9671	14.1	−54 22	*10.1*	10.2	A2	3	..	42801b
46	4098	14.2	+40 11	8.47	*9.25*	G5	2	..	38508i
47	4118	14.2	+39 36	8.8	*8.8*	Ao	2	..	37947i
48	4147	14.2	+21 12	7.46	*7.54*	A3	5	..	38016i
49	*4213*	14.2	+12 7	8.7	*9.1*	F5	2	3,2 R	36278i
50	4480	14.2	+ 9 54	8.04	*8.02*	B9	7	..	10153b
51	4481	14.2	+ 9 44	7.71	*8.78*	K2	4	..	10153b
52	4256	14.2	+ 1 18	9.3	*10.1*	G5	3	..	14670b
53	5428	14.2	− 9 46	9.4	*10.6*	K5	1	..	40909b
54	5637	14.2	−13 46	9.0	*10.2*	K5	2	..	21929b
55	5619	14.2	−15 20	8.0	*8.5*	F8	7	..	21929b
56	16980	14.2	−29 30	8.5	8.4	Ao	8	..	40897b
57	14067	14.2	−35 27	10.4	10.4	Go	1	..	39648b
58	13682	14.2	−37 10	8.0	9.5	Mb	4	..	40857b
59	13988	14.2	−38 0	8.7	11.0	Ko	1	..	40857b
60	13744	14.2	−45 27	9.5	11.1	Ko	1	..	39598b
61	7606	14.2	−59 42	8.9	9.1	F8	2	..	42680b
62	7396	14.2	−60 15	*9.4*	9.9	F8	3	..	39282b
63	1899	14.2	−74 41	*8.9*	9.9	K	1	..	45404b
64	852	14.3	+74 50	9.6	*10.2*	Go	2	..	6443m
65	943	14.3	+72 34	7.11	*7.39*	Fo	7	..	37224i
66	1428	14.3	+64 30	8.7	*9.5*	G5	2	..	37333i
67	3127	14.3	+45 19	8.7	*8.8*	A5	3	..	37874i
68	3994	14.3	+36 51	7.7	*8.1*	F5	3	..	37891i
69	3776	14.3	+32 23	8.1	*8.2*	A2	3	..	37891i
70	*3984*	14.3	+30 3	8.36	*8.36*	Ao	1	..	37890i
71	5236	14.3	− 2 27	8.8	*10.0*	K5	1	..	14657b
72	4848	14.3	− 3 27	8.4	*8.9*	F8	4	..	14657b
73	5252	14.3	− 7 0	9.8	*10.9*	K2	1	..	40909b
74	5255	14.3	− 7 34	10.3	*10.9*	Go	1	..	40909b
75	5318	14.3	− 8 46	8.8	*9.4*	Go	5	..	40909b
76	5689	14.3	−12 50	10.3	*10.9*	Go	2	..	21929b
77	5713	14.3	−14 35	8.8	*9.8*	Ko	4	..	21929b
78	5896	14.3	−20 34	9.0	8.8	A3	6	..	39412b
79	14723	14.3	−27 30	9.1	9.5	A5	3	..	40716b
80	16585	14.3	−28 8	11.1	10.6	Go	1	..	40897b
81	16981	14.3	−29 30	6.32	7.7	Ao	9	..	40897b
82	17501	14.3	−31 18	8.1	9.8	K2	3	..	40738b
83	13989	14.3	−38 1	8.4	8.9	F2	5	..	40857b
84	12495	14.3	−51 5	7.4	9.3	Ma	4	..	42801b
85	..	14.3	−65 45	..	..	F8	3	..	39282b
86	1900	14.3	−74 38	*9.1*	9.9	G5	1	..	45404b
87	2360	14.4	+55 44	6.91	*7.98*	K2	6	..	37971i
88	3558	14.4	+43 55	8.5	*9.5*	K	1	..	37874i
89	3997	14.4	+38 24	8.6	*8.6*	B8	3	..	1338f
90	3996	14.4	+36 22	8.6	*8.7*	A2	2	..	37891i
91	3995	14.4	+36 15	8.4	*9.2*	G5	2	..	37891i
92	4029	14.4	+31 48	7.24	*7.24*	Ao	5	0,3	37890i
93	*4500*	14.4	+ 7 5	8.6	*9.6*	Ko	2	..	10153b
94	4849	14.4	− 3 45	9.2	*9.2*	Ao	3	..	14657b
95	5621	14.4	−15 25	8.8	*9.2*	F5	5	..	21929b
96	5939	14.4	−17 49	8.6	*9.2*	Go	6	..	39412b
97	5780	14.4	−19 29	10.3	11.1	K2	1	..	39412b
98	14707	14.4	−25 31	9.2	8.7	Go	5	..	40712b
99	14725	14.4	−27 16	10.6	10.7	G5	1	..	40897b
100	16984	14.4	−29 29	9.9	9.8	F5	3	..	40897b

193300 — $20^h\,14^m.4$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14068	14.4	−35 4	9.4	9.8	F5	2	..	40738b
2	*14057*	14.4	−35 59	6.51	8.5	K2	7	..	40738b
3	14056	14.4	−36 19	8.8	10.4	K5	1	..	40857b
4	13685	14.4	−37 43	8.7	9.3	Go	4	..	40857b
5	13753	14.4	−39 29	9.3	8.9	A2	5	..	40857b
6	12928	14.4	−50 7	10.3	10.8	F5	2	..	39666b
7	12929	14.4	−50 18	6.40	7.1	F8	8	..	36519b
8	12927	14.4	−50 39	9.7	10.5	Ko	2	..	39666b
9	93711	14.4	−55 15	*9.4*	10.4	Ko	1	..	42801b
10	9470	14.4	−56 49	8.2	9.9	K2	2	..	40950b
11	4041	14.4	−64 38	*8.9*	10.1	K5	2	..	20427b
12	3998	14.5	+38 30	8.6	*9.4*	G5	2	..	37891i
13	4009	14.5	+22 37	8.0	*8.4*	F5	4	..	38016i
14	4514	14.5	+20 54	7.8	*7.8*	Ao	7	..	38016i
15	*4355*	14.5	+14 4	7.07	*7.85*	G5	4	..	37908i
16	4477	14.5	+ 5 31	8.5	*8.8*	Fo	7	..	14670b
17	5256	14.5	− 7 48	9.6	*10.2*	Go	3	..	40909b
18	5300	14.5	−11 27	9.1	*9.6*	F8	4	..	21929b
19	*5565*	14.5	−15 55	8.7	*9.7*	Ko	2	..	21929b
20	14726	14.5	−27 4	9.5	10.1	K2	1	..	40716b
21	902	14.6	+73 29	9.5	*10.6*	K2	1	..	6443m
22	4103	14.6	+40 25	5.82	*5.63*	B2p	6	R	9666i
23	4125	14.6	+39 48	8.6	*8.6*	Ao	2	..	37891i
24	4124	14.6	+39 15	8.8	*8.8*	A	2	..	37891i
25	4517	14.6	+20 9	7.35	*7.33*	B9	7	..	38016i
26	4261	14.6	+ 1 40	8.3	*9.1*	G5	5	..	14670b
27	4479	14.6	+ 0 34	8.5	*9.3*	G5	1	..	14670b
28	3952	14.6	− 1 13	7.35	*7.41*	A2	9	..	14670b
29	3951	14.6	− 1 23	6.23	*7.23*	Ko	9	..	14670b
30	5240	14.6	− 2 33	8.0	*8.0*	Ao	8	..	14657b
31	*5693*	14.6	−11 53	9.4	*10.2*	G5	2	..	21929b
32	5622	14.6	−15 4	8.4	*9.0*	Go	6	..	21929b
33	*5782*	14.6	−18 54	10.3	*10.7*	F5	1	..	39412b
34	5781	14.6	−19 38	10.7	10.8	Go	1	..	39412b
35	*5901*	14.6	−19 57	7.02	8.1	Ko	8	..	39412b
36	5899	14.6	−20 17	8.8	9.9	K5	4	..	39412b
37	14942	14.6	−26 28	8.1	8.9	Ko	6	..	40716b
38	14729	14.6	−27 21	9.4	9.5	G5	3	..	40716b
39	14727	14.6	−27 53	10.4	10.6	Ko	1	..	40897b
40	1610	14.6	−75 45	*9.1*	9.6	F8	3	..	42793b
41	1443	14.7	+65 33	7.65	*8.07*	F5	5	..	37333i
42	2388	14.7	+56 35	8.2	*9.2*	Ko	1	..	37971i
43	3046	14.7	+50 50	7.67	*8.74*	K2	2	..	37971i
44	4059	14.7	+35 56	8.0	*8.0*	B9	5	..	37891i
45	..	14.7	+34 4	var.	var.	Md	..	R	M
46	3778	14.7	+32 57	8.5	*8.6*	A3	3	..	37890i
47	3859	14.7	+26 40	6.74	*8.09*	Ma	4	..	38016i
48	4012	14.7	+22 48	8.4	*8.4*	Ao	3	..	38016i
49	*4356*	14.7	+14 4	6.81	*6.81*	Ao	7	R	38900i
50		14.7	+14 4			G			
51	4357	14.7	+13 36	8.3	*8.3*	Ao	3	..	37908i
52	4440	14.7	+ 7 58	8.9	*9.9*	Ko	2	..	10153b
53	3954	14.7	− 1 0	7.7	*8.8*	K2	4	..	14670b
54	3953	14.7	− 1 37	8.0	*9.1*	K2	3	..	14657b
55	5228	14.7	− 5 47	9.8	*10.8*	Ko	1	..	40909b
56	5432	14.7	− 9 32	9.4	*10.2*	G5	2	..	40909b
57	5302	14.7	−11 34	9.8	*10.4*	Go	1	..	21929b
58	5638	14.7	−13 24	9.6	*10.1*	F8	3	..	21929b
59	5783	14.7	−19 52	9.26	10.7	G5	2	..	39412b
60	14730	14.7	−27 39	8.2	8.9	Fo	5	..	40716b
61	14060	14.7	−36 13	8.0	9.2	K2	3	..	40738b
62	13896	14.7	−44 8	10.3	10.2	Fo	4	..	39677b
63	13747	14.7	−45 17	9.5	9.6	Fo	3	..	39666b
64	3486	14.7	−66 7	*10.7*	11.3	Go	5	..	39282b
65	3485	14.7	−66 29	*8.1*	8.6	F8	7	..	20427b
66	3732	14.7	−67 55	*8.3*	8.3	Ao	7	..	20427b
67	4127	14.8	+39 31	9.2	*9.3*	A2	3	..	38508i
68	3876	14.8	+37 9	var.	var.	Nb	..	R	M
69	3998	14.8	+36 41	5.52	*5.52*	Ao	..	0,10	1433c
70	3967	14.8	+34 40	5.18	*5.60*	F5p	..	0,R	5132c
71	3779	14.8	+32 56	8.0	*8.0*	Ao	5	..	37891i
72	4454	14.8	+18 31	7.6	*7.7*	A3	5	..	38809i
73	4289	14.8	+12 56	6.50	*7.85*	Ma	5	0,6	38900i
74	4482	14.8	+ 0 25	8.0	*8.5*	F8	5	..	14670b
75	5257	14.8	− 7 11	9.8	*10.9*	K2	1	..	40909b
76	5639	14.8	−13 40	9.6	*10.0*	F5	3	..	21929b
77	*5902*	14.8	−19 58	10.7	10.5	Go	1	..	39412b
78	5396	14.8	−22 8	9.4	9.9	Go	1	..	40712b
79	14710	14.8	−25 7	8.3	8.9	K2	4	..	40712b
80	13987	14.8	−41 0	10.0	10.2	Fo	4	..	39677b
81	13358	14.8	−47 21	9.7	10.0	A5	3	..	39666b
82	13526	14.8	−48 2	10.1	10.5	Ao	4	..	39666b
83	7609	14.8	−59 48	8.31	8.5	A2	6	..	42680b
84	3733	14.8	−67 12	*10.3*	11.4	A2	4	..	39282b
85	2516	14.8	−72 54	*8.2*	9.0	G5	3	..	42475b
86	*3422*	14.9	+45 4	8.12	*8.12*	Ao	4	..	37874i
87	3421	14.9	+44 45	8.3	*8.4*	A2	5	..	37874i
88	4193	14.9	+25 47	8.2	*8.7*	F8	4	..	38016i
89	4128	14.9	+15 13	7.59	*8.09*	F8	4	..	37908i
90	4259	14.9	+14 22	8.5	*8.6*	A2	3	..	38900i
91	4291	14.9	+12 40	7.9	*8.9*	Ko	2	R	37908i
92		14.9	+12 40			K			
93	*4482*	14.9	+10 6	8.58	*9.76*	K5	2	..	10153b
94	4131	14.9	+ 2 17	9.1	*9.2*	A3	3	..	14670b
95	3972	14.9	− 0 52	8.4	*9.4*	Ko	1	..	14657b
96	5258	14.9	− 7 43	9.2	*10.2*	Ko	2	..	40909b
97	5351	14.9	−10 41	8.6	*8.7*	A5	6	..	40909b
98	*5694*	14.9	−11 53	9.6	*10.4*	G5	2	..	21929b
99	*5624*	14.9	−14 57	9.4	*10.0*	Go	2	..	21929b
100	*5784*	14.9	−18 57	9.6	10.7	K2	2	..	39412b

193400 — $20^h\,14^m.9$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5690	14.9	−21 7	8.8	9.3	Ko	4	..	40712b
2	14870	14.9	−33 3	7.57	8.0	F2	7	..	40738b
3	13994	14.9	−38 47	9.4	11.0	Go	3	..	39648b
4	*13898*	14.9	−43 59	10.9	11.7	K2	1	..	39677b
5	13897	14.9	−44 23	9.3	10.7	Ko	3	..	39677b
6	12931	14.9	−50 3	10.3	12.1	K2	1	..	39666b
7	9673	14.9	−54 34	8.1	9.0	Ko	4	..	40950b
8	3112	14.9	−69 48	*9.3*	10.3	Ko	1	..	20427b
9	2106	15.0	+60 38	8.7	*9.3*	Go	1	..	38795i
10	3989	15.0	+29 11	7.20	*7.62*	F5	4	R	38510i
11		15.0	+29 11			Ao			
12	4194	15.0	+25 35	9.2	*9.3*	A2	2	..	38016i
13	*4220*	15.0	+12 7	8.1	*8.2*	A2	2	..	37908i
14	4132	15.0	+ 2 36	9.8	*9.8*	Ao	2	..	14670b
15	5450	15.0	− 6 0	8.8	*9.8*	Ko	2	..	40909b
16	*5696*	15.0	−11 57	9.6	*10.2*	Go	4	..	21929b
17	5695	15.0	−12 50	10.0	*10.8*	G5	2	..	21929b
18	5943	15.0	−17 44	10.0	*10.1*	A3	3	..	39412b
19	13759	15.0	−39 27	8.4	9.2	Ko	5	..	40857b
20	13947	15.0	−43 52	10.3	11.7	K5	1	..	39677b
21	*13518*	15.0	−45 57	9.1	9.0	Ao	7	..	39666b
22	13519	15.0	−46 38	9.9	11.1	G5	1	..	39666b
23	13528	15.0	−48 24	10.3	11.1	Go	2	..	39666b
24	13079	15.0	−49 45	8.20	8.7	Ko	6	..	39666b
25	3849	15.0	−65 54	*9.7*	10.9	K5	3	..	20427b
26	4130	15.1	+39 54	8.0	*7.8*	B	2	R	33561i
27	*4002*	15.1	+39 5	9.0	*8.8*	B	2	..	1338f
28	3850	15.1	+33 50	9.0	*9.0*	A	1	..	37891i
29	5451	15.1	− 6 40	6.66	*7.84*	K5	7	..	40909b
30	5433	15.1	− 9 18	9.4	*10.4*	Ko	1	..	40909b
31	5434	15.1	− 9 30	9.2	*9.2*	Ao	4	..	40909b
32	5642	15.1	−13 4	4.84	*4.84*	Ao	..	R	794c
33	5566	15.1	−16 22	9.4	*10.0*	Go	4	..	39412b
34	5785	15.1	−19 26	9.4	10.2	G5	4	..	39412b
35	5786	15.1	−19 34	10.3	10.2	F8	3	..	39412b
36	*17845*	15.1	−29 55	9.28	10.4	K2	2	..	40897b
37	13988	15.1	−41 4	7.20	8.9	Ma	7	..	39677b
38	13360	15.1	−47 48	9.2	10.5	G5	4	..	39666b
39	*13529*	15.1	−47 59	10.1	12.1	K2	1	..	39666b
40	4042	15.1	−64 54	9.13	10.1	K2	3	..	20427b
41	957	15.1	−80 52	7.55	7.9	Fo	6	..	21397b
42	3085	15.2	+48 43	7.9	*7.9*	B8	4	..	37874i
43	3879	15.2	+37 57	7.7	*7.5*	B1	5	R	38508i
44	3878	15.2	+37 31	9.0	*8.8*	B	3	..	1338f
45	3686	15.2	+27 14	8.4	*8.4*	B9	2	..	38016i
46	4013	15.2	+22 41	8.1	*8.2*	A3	6	..	38016i
47	*4419*	15.2	+ 5 3	8.46	*8.46*	Ao	7	..	14670b
48	5259	15.2	− 7 12	9.8	*9.8*	Ao	3	..	40909b
49	5437	15.2	− 9 42	9.1	*9.9*	G5	4	..	40909b
50	*5303*	15.2	−10 58	9.6	*10.6*	Ko	1	..	21929b
51	*5718*	15.2	−13 59	9.0	*9.3*	Fo	5	..	21929b
52	5626	15.2	−15 6	6.16	*6.14*	B9	5	..	44062b
53	5627	15.2	−15 48	9.0	*9.0*	Ao	5	..	21929b
54	5651	15.2	−18 28	7.58	*8.08*	F8	10	..	39412b
55	5653	15.2	−18 38	7.18	*8.18*	Ko	9	..	39412b
56	5652	15.2	−18 48	9.2	*9.6*	F5	7	..	39412b
57	5787	15.2	−19 12	10.7	9.6	Ao	5	..	39412b
58	*5904*	15.2	−19 55	10.5	10.2	G	1	..	39412b
59	*5905*	15.2	−19 58	8.68	9.4	G5	4	..	39412b
60	15984	15.2	−24 54	9.7	9.5	Go	2	..	40712b
61	14738	15.2	−27 46	10.4	10.1	Ko	2	..	40897b
62	14309	15.2	−34 47	7.75	8.6	F2	6	..	40738b
63	14067	15.2	−36 47	8.7	10.4	Ma	2	..	39648b
64	*13693*	15.2	−36 55	7.24	8.1	F8	9	..	40857b
65	13694	15.2	−37 13	8.0	8.3	F8	7	..	40857b
66	7610	15.2	−59 13	*9.0*	10.0	Ko	2	..	39698b
67	..	15.3	+76 47	..	..	K5	1	..	6443m
68	*2379*	15.3	+54 0	6.74	*7.16*	F5	6	..	37971i
69	4003	15.3	+38 41	6.73	*7.80*	K2	3	..	37891i
70	3970	15.3	+23 55	8.5	*9.5*	Ko	3	..	38016i
71	4014	15.3	+22 16	8.8	*8.9*	A2	2	..	38016i
72	4360	15.3	+13 14	5.96	*6.10*	A5	9	..	37908i
73	4485	15.3	+ 9 59	7.92	*8.92*	Ko	5	..	10153b
74	4317	15.3	+ 3 22	9.1	*10.1*	Ko	1	..	14670b
75	*5453*	15.3	− 5 55	9.4	*10.5*	K2	1	..	40909b
76	5454	15.3	− 6 2	9.8	*10.3*	F8	2	..	40909b
77	5628	15.3	−15 45	8.0	*9.0*	Ko	6	..	21929b
78	5568	15.3	−16 14	10.0	*10.5*	F8	3	..	39412b
79	5947	15.3	−17 9	7.8	*8.8*	Ko	7	..	39412b
80	5948	15.3	−17 20	9.2	*9.8*	Go	3	..	39412b
81	15987	15.3	−24 0	9.7	10.1	Ma	1	..	40712b
82	15985	15.3	−24 38	8.9	9.5	Ko	3	..	40712b
83	*13081*	15.3	−48 58	9.9	10.5	F5	2	..	39666b
84	4043	15.3	−64 39	*10.9*	11.4	F8	3	..	39282b
85	853	15.4	+74 15	8.1	*9.1*	Ko	3	..	6443m
86	3685	15.4	+42 24	8.5	*8.5*	A	2	..	37874i
87	4005	15.4	+36 26	7.6	*7.9*	F2	5	..	37891i
88	*3864*	15.4	+27 6	8.2	*9.0*	G5	1	..	38016i
89	4522	15.4	+20 56	8.6	*9.4*	G5	2	..	38016i
90	4225	15.4	+11 9	6.81	*7.88*	K2	5	..	37908i
91	4487	15.4	+ 9 52	9.1	*9.1*	B9	7	..	10153b
92	5233	15.4	− 5 51	8.8	*9.8*	Ko	4	..	40909b
93	5323	15.4	− 8 4	8.0	*8.6*	Go	6	..	40909b
94	5304	15.4	−11 3	9.2	*10.2*	Ko	2	0,2	40591b
95	5629	15.4	−15 6	3.25	*3.81*	Go	..	R	2053c
96		15.4	−15 6			Ao	..		
97	5949	15.4	−17 1	8.7	*9.2*	F8	6	..	39412b
98	5788	15.4	−19 3	9.1	9.0	Go	7	..	39412b
99	5789	15.4	−19 39	10.7	11.1	K2	1	..	39412b
100	5791	15.4	−19 44	10.3	10.2	F8	1	..	39412b

193500 — $20^h\,15^m.4$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13695	15.4	−37 11	9.4	10.7	K5	2	..	39648b
2	14000	15.4	−38 24	10.0	11.0	Go	2	..	39648b
3	13820	15.4	−40 2	10.4	12.3	Ma	1	..	39648b
4	13821	15.4	−40 27	9.4	10.1	Fo	4	..	39677b
5	13522	15.4	−46 46	9.3	9.9	Fo	4	..	39666b
6	13364	15.4	−47 47	10.1	10.5	Go	3	..	39666b
7	13082	15.4	−49 11	7.9	8.4	Ko	6	..	39666b
8	6479	15.4	−61 12	*9.4*	10.4	Ko	1	..	39282b
9	6480	15.4	−61 18	*10.0*	10.3	Fo	2	..	39282b
10	2554	15.4	−71 51	*9.2*	9.3	A2	4	..	42475b
11	2391	15.5	+56 58	8.2	*9.2*	Ko	2	..	37971i
12	2829	15.5	+51 33	8.0	*8.8*	G5	1	..	37971i
13	2906	15.5	+46 13	8.1	*9.2*	K2	2	..	37874i
14	4006	15.5	+38 57	7.29	*7.10*	B2	3	..	37947i
15	3882	15.5	+37 50	7.7	*8.7*	Ko	2	..	37891i
16	3881	15.5	+37 28	8.8	*8.6*	Bp	2	R	16369m
17	4033	15.5	+31 44	7.31	*7.45*	A5	3	0,3 R	37890i
18	4319	15.5	+ 3 39	8.5	*8.6*	A3	7	..	14670b
19	5260	15.5	− 7 13	9.2	*9.8*	Go	5	..	40909b
20	5263	15.5	− 7 29	9.2	*9.8*	Go	4	..	40909b
21	5356	15.5	−10 0	8.51	*9.58*	K2	4	..	40909b
22	5355	15.5	−10 31	10.3	*10.3*	Ao	2	0,2	40591b
23	5719	15.5	−14 13	8.4	*9.4*	Ko	5	..	21929b
24	5950	15.5	−17 23	9.1	*9.6*	F8	5	..	39412b
25	16170	15.5	−23 5	9.9	9.3	F5	4	..	40712b
26	14954	15.5	−26 11	9.5	9.5	Go	3	..	40897b
27	13902	15.5	−44 5	10.6	11.7	K5	1	..	39677b
28	12939	15.5	−50 48	7.9	9.6	K2	4	..	42801b
29	*6481*	15.5	−60 55	7.6	8.8	K2	4	..	42680b
30	6482	15.5	−61 37	8.8	10.0	K2	2	..	39282b
31	4044	15.5	−64 12	*8.1*	8.2	A2	7	..	20427b
32	699	15.6	+81 55	7.37	*7.79*	F5	5	..	37294i
33	945	15.6	+72 16	7.34	*8.69*	Ma	4	..	37224i
34	1996	15.6	+61 49	8.3	*9.3*	Ko	2	..	37333i
35	2211	15.6	+59 25	8.5	*8.5*	Ao	3	..	38795i
36	*3139*	15.6	+46 0	6.28	*6.06*	B1	7	2,8	38477i
37	3883	15.6	+37 21	9.2	*9.2*	Ao	2	..	37891i
38	..	15.6	+16 25	Neb.	Neb.	Pc	..	R	**76**,23
39	4441	15.6	+ 7 18	7.45	*8.52*	K2	5	2,7	12063b
40	4320	15.6	+ 3 51	9.3	*9.4*	A2	2	..	14670b
41	5234	15.6	− 5 49	9.6	*9.6*	Ao	5	..	40909b
42	5305	15.6	−11 18	6.82	*7.82*	Ko	7	0,8	40591b
43	5631	15.6	−15 9	9.0	*9.5*	F8	5	..	21929b
44	*5792*	15.6	−18 53	9.2	*10.3*	K2	3	..	39412b
45	16172	15.6	−23 47	7.6	8.0	Ko	7	..	40712b
46	12507	15.6	−51 10	9.3	11.1	K2	1	..	42801b
47	7611	15.6	−59 39	9.1	10.0	Ma	3	5,1-	39282b
48	*1613*	15.6	−74 56	*9.6*	10.2	Go	1	..	45404b
49	1092	15.6	−79 13	*7.7*	8.0	Fo	6	..	21397b
50	3250	15.7	+49 11	8.1	*8.0*	B8	3	3,3	38477i
51	3426	15.7	+44 34	7.9	*8.7*	G5	3	..	37874i
52	3971	15.7	+34 33	9.3	*9.4*	A5	2	..	37890i
53	3992	15.7	+29 24	6.64	*6.59*	B8	7	..	37890i
54	3973	15.7	+23 19	8.8	*9.6*	G5	3	..	38016i
55	4137	15.7	+15 13	6.87	*7.37*	F8	6	..	37908i
56	4263	15.7	+14 16	6.34	*7.12*	G5	7	5,7	38900i
57	4252	15.7	+10 29	7.9	*7.9*	Ao	3	..	37908i
58	..	15.7	+ 3 29	..	..	Ao	2	..	14670b
59	*4483*	15.7	+ 1 4	7.94	*7.92*	B9	8	..	14670b
60	3960	15.7	− 1 8	9.8	*9.8*	Ao	2	..	14657b
61	5325	15.7	− 8 24	9.8	*10.8*	Ko	1	..	40591b
62	5701	15.7	−12 5	9.2	*10.4*	K5	1	..	21929b
63	5720	15.7	−14 48	8.61	*9.39*	G5	4	..	21929b
64	5951	15.7	−17 32	8.8	*9.9*	K2	3	..	39412b
65	5694	15.7	−21 44	7.5	7.8	F5	7	..	40712b
66	14958	15.7	−26 37	9.4	10.6	Ko	2	..	40897b
67	*14073*	15.7	−35 59	8.7	9.3	Go	4	..	39648b
68	14071	15.7	−36 0	9.6	9.8	F8	3	..	39648b
69	14074	15.7	−36 50	9.0	9.8	F5	4	..	40857b
70	14004	15.7	−38 7	8.8	10.1	Ko	3	..	40857b
71	14836	15.7	−42 21	5.64	.6.0	Ao	..	R	**56**,145
72	13904	15.7	−44 54	8.01	8.4	A3	7	..	39666b
73	..	15.7	−65 1	..	..	Fo	2	..	39282b
74	3734	15.7	−67 54	*9.5*	10.1	Go	3	..	39282b
75	1011	15.8	+71 50	9.3	*9.4*	A2	2	..	37224i
76	4010	15.8	+38 25	8.04	..	Ob	3	..	37891i
77	3866	15.8	+26 37	9.2	*9.2*	Ao	1	..	38794i
78	*4464*	15.8	+19 2	8.4	*8.8*	F5	2	..	38809i
79	4294	15.8	+17 29	6.04	*7.22*	K5	7	..	37908i
80	4324	15.8	+ 3 58	8.3	*8.3*	B8	8	..	14670b
81	3977	15.8	− 0 14	8.0	*8.3*	Fo	4	..	14670b
82	5455	15.8	− 6 40	7.56	*8.34*	G5	6	..	40909b
83	5632	15.8	−15 20	9.2	*9.3*	A5	2	..	21929b
84	5633	15.8	−15 22	9.6	*10.2*	Go	1	..	21929b
85	5793	15.8	−19 24	9.2	9.9	K5	3	..	39412b
86	5908	15.8	−20 29	10.3	10.8	K2	1	..	39412b
87	5402	15.8	−22 19	9.8	9.4	F2	2	..	40712b
88	16998	15.8	−29 24	9.1	9.5	F2	4	..	40897b
89	17852	15.8	−30 41	8.1	8.9	Fo	5	..	40738b
90	12940	15.8	−50 5	10.1	11.6	Ko	1	..	39666b
91	*854*	15.9	+75 6	8.52	*9.87*	Ma	2	0,1-	6443m
92	*2329*	15.9	+55 5	5.71	*5.71*	Ao	10	R	37971i
93	3048	15.9	+50 35	8.72	*9.90*	K5	1	..	32311i
94	*4116*	15.9	+41 4	7.7	*7.7*	B9	4	..	37874i
95	4012	15.9	+38 44	9.2	*9.0*	B	4	..	1338f
96	3975	15.9	+23 55	8.8	*8.8*	Ao	3	..	38016i
97	4255	15.9	+10 27	7.9	*7.9*	Ao	4	..	10153b
98	4492	15.9	+ 9 28	9.1	*9.1*	Ao	5	..	10153b
99	4856	15.9	− 3 9	9.2	*9.7*	F8	2	..	14657b
100	5326	15.9	− 8 25	9.8	*10.4*	Go	3	..	40591b

193600 — $20^h\ 15^m.9$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5441	15.9	− 9 23	9.6	*10.4*	G5	1	..	40909b
2	*5404*	15.9	−21 54	9.2	9.6	Go	2	..	40712b
3	14960	15.9	−26 30	9.9	9.5	Fo	5	..	40897b
4	14076	15.9	−36 11	9.3	10.1	Ko	2	2,1	39648b
5	13824	15.9	−40 42	8.8	10.4	K2	4	..	39677b
6	13952	15.9	−43 16	8.6	9.1	Fo	5	..	39677b
7	1906	15.9	−74 36	7.95	8.8	Ko	5	..	42793b
8	786	16.0	+76 39	10.3	*11.4*	K2	1	..	6443m
9	3251	16.0	+49 18	8.5	*8.6*	A2	1	*4,2*	38477i
10	3692	16.0	+42 41	7.7	*7.5*	B	2	R	37902i
11	*3890*	16.0	+38 1	9.2	*9.0*	B	3	..	1338f
12	3889	16.0	+37 24	9.2	*9.3*	A2	2	..	37891i
13	*3788*	16.0	+33 5	9.2	*9.2*	A	1	..	37890i
14	5309	16.0	−11 26	8.8	*9.6*	G5	4	5,2	21929b
15	17529	16.0	−31 27	8.9	9.8	G5	2	..	40738b
16	14885	16.0	−33 1	8.4	9.2	F5	2	..	40738b
17	14078	16.0	−36 24	8.4	8.9	Go	4	..	40738b
18	13825	16.0	−40 7	9.6	11.3	Ko	1	..	39648b
19	13996	16.0	−41 35	10.4	11.3	K2	2	..	39677b
20	2174	16.1	+57 28	8.6	*9.6*	Ko	1	..	38795i
21	4008	16.1	+36 48	6.47	*6.47*	Ao	8	..	37891i
22	4138	16.1	+15 41	8.1	*8.4*	F2	4	..	37908i
23	*5267*	16.1	− 6 54	9.4	*9.9*	F8	4	..	40909b
24	5359	16.1	−10 28	7.6	*7.6*	Ao	9	..	40591b
25	5702	16.1	−12 12	9.4	*10.2*	G5	2	..	21929b
26	5645	16.1	−13 31	9.6	*10.4*	G5	2	..	21929b
27	5570	16.1	−16 36	8.8	*9.4*	Go	5	..	39412b
28	*13907*	16.1	−43 59	8.3	8.8	A5	7	..	39677b
29	3735	16.1	−67 54	*9.7*	9.8	A5	3	..	39282b
30	2086	16.2	+58 30	7.43	*7.43*	Ao	6	..	38795i
31	3427	16.2	+44 53	7.82	*8.82*	Ko	4	..	37874i
32	3566	16.2	+43 10	7.40	*7.90*	F8	4	..	37874i
33	4121	16.2	+40 49	6.97	*6.95*	B9	5	..	37874i
34	*3892*	16.2	+38 1	7.6	*7.6*	B8	4	..	37891i
35	*4009*	16.2	+37 5	8.6	*8.6*	Ao	2	..	37891i
36	4069	16.2	+35 57	8.5	*8.6*	A3	4	..	37891i
37	3862	16.2	+33 37	8.6	*8.6*	A	1	..	38508i
38	4198	16.2	+25 50	9.1	*10.1*	Ko	1	..	38016i
39	4483	16.2	+ 5 38	8.7	*9.7*	Ko	1	..	10153b
40	5256	16.2	− 2 20	9.0	*9.1*	A5	3	..	14657b
41	5329	16.2	− 8 12	9.8	*10.4*	Go	1	..	40909b
42	14081	16.2	−36 38	9.4	10.4	K2	1	..	40857b
43	13702	16.2	−37 35	8.7	11.6	F2	7	..	40857b
44	12513	16.2	−51 30	8.3	9.0	F5	7	..	42801b
45	3850	16.2	−65 52	*10.2*	10.6	F5	3	..	20427b
46	2835	16.3	+51 39	8.2	*8.2*	Ao	5	..	37971i
47	3049	16.3	+50 34	8.57	*9.75*	K5	2	..	32311i
48	3871	16.3	+26 25	8.4	*8.5*	A2	4	..	38016i
49	4408	16.3	+ 8 17	9.1	*9.2*	A5	3	*2,3*	10153b
50	4484	16.3	+ 5 29	8.9	*10.1*	K5	1	..	10153b
51	4139	16.3	+ 2 30	9.0	*10.0*	Ko	2	..	14670b
52	4860	16.3	− 3 43	9.1	*9.1*	Ao	4	..	14657b
53	5330	16.3	− 8 5	8.8	*9.3*	F8	5	..	40909b
54	5952	16.3	−17 35	9.6	*9.7*	A2	4	..	39412b
55	5909	16.3	−20 24	10.0	10.7	K5	1	..	39412b
56	5406	16.3	−22 16	7.42	8.0	A2	10	..	40712b
57	14727	16.3	−25 17	9.7	9.5	Go	3	..	40712b
58	16606	16.3	−28 2	9.2	9.2	Fo	4	..	40897b
59	14000	16.3	−41 3	10.4	11.5	K5	1	..	39677b
60	12943	16.3	−50 7	9.1	10.2	F5	2	..	39666b
61	7397	16.3	−60 17	*9.8*	10.3	F8	2	..	39282b
62	R	16.3	−60 18	..	..	Ma	1	..	39282b
63	..	16.3	−64 57	..	..	F8	3	..	39282b
64	1281	16.4	+66 31	6.08	*6.58*	F8	10	R	37333i
65	2370	16.4	+55 13	7.96	*8.38*	F5	3	..	37971i
66	3703	16.4	+41 16	7.77	*7.72*	B8	3	..	37874i
67	4021	16.4	+22 47	9.0	*9.1*	A2	2	..	38016i
68	4164	16.4	+21 58	6.98	*6.96*	B9	8	..	38016i
69	4325	16.4	+ 3 16	9.1	*9.1*	Ao	1	..	14670b
70	*4140*	16.4	+ 3 5	8.6	*8.6*	Ao	7	..	14670b
71	4487	16.4	+ 0 14	8.78	*9.28*	F8	3	..	14657b
72	5239	16.4	− 5 7	8.0	*8.4*	F5	6	..	14657b
73	5268	16.4	− 7 26	8.8	*9.9*	K2	3	..	40909b
74	5573	16.4	−16 27	10.0	*11.0*	Ko	1	..	39412b
75	5656	16.4	−18 40	10.0	*10.6*	Go	1	..	39412b
76	*14968*	16.4	−25 58	9.7	9.5	Fo	4	..	40897b
77	9677	16.4	−54 51	7.89	8.1	A2	7	..	40950b
78	7613	16.4	−59 10	*9.3*	10.3	Ko	1	..	39698b
79	7398	16.4	−60 25	*9.8*	10.4	Go	1	..	39282b
80	3077	16.5	+47 35	var.	var.	R8	..	R	M
81	4019	16.5	+38 31	8.6	*8.6*	Ao	3	..	37891i
82	3894	16.5	+37 30	8.6	*8.4*	B	2	R	1338f
83	4042	16.5	+31 42	7.40	*7.28*	B5	4	3,4	37890i
84	3978	16.5	+23 13	9.2	*9.3*	A2	1	..	38016i
85	4025	16.5	+22 38	8.6	*9.8*	K5	1	..	38016i
86	4024	16.5	+22 26	9.3	*9.3*	A	1	..	38016i
87	4368	16.5	+13 52	8.7	*8.7*	Ao	2	..	37908i
88	4299	16.5	+12 31	7.6	*7.6*	Ao	3	..	37908i
89	*5575*	16.5	−15 56	7.68	*7.68*	Ao	9	..	39412b
90	14971	16.5	−26 29	9.7	9.5	G5	3	..	40897b
91	14323	16.5	−34 32	10.0	10.7	Ko	1	..	40728b
92	13769	16.5	−45 6	9.7	10.8	Ko	1	..	39666b
93	13090	16.5	−49 2	9.2	11.4	K5	2	..	39666b
94	12515	16.5	−51 9	7.9	8.7	Ko	7	..	42801b
95	9859	16.5	−53 23	8.8	9.3	F5	3	..	42801b
96	7400	16.5	−60 17	8.6	8.6	A2	6	..	42680b
97	7399	16.5	−60 32	*9.8*	10.3	F8	2	..	39282b
98	*1311*	16.5	−77 59	*8.2*	8.6	F5	4	..	42793b
99	1613	16.6	+63 47	8.1	*8.9*	G5	3	..	37333i
100	3078	16.6	+47 35	7.77	*8.33*	Go	2	..	37874i

193700 — 20h 16m.6

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	*3429*	16.6	+45 2	7.02	*7.44*	F5	7	..	37874i
2	*4021*	16.6	+39 5	6.07	*6.07*	Ao	7	..	37891i
3	3864	16.6	+33 30	8.2	*9.0*	G5	1	..	37891i
4	3699	16.6	+27 27	8.2	*8.2*	Ao	5	..	38016i
5	4026	16.6	+22 9	9.2	*9.3*	A2	1	..	38016i
6	4167	16.6	+21 12	8.2	*9.4*	K5	1	0,1	38016i
7	4268	16.6	+14 48	6.56	*6.56*	Ao	8	..	37908i
8	4268	16.6	+ 1 21	7.42	*7.42*	Ao	9	..	14670b
9	*5269*	16.6	− 6 54	8.2	*8.5*	Fo	6	..	40909b
10	5361	16.6	−10 50	9.4	*10.0*	Go	1	..	21929b
11	5703	16.6	−12 47	9.8	*10.8*	Ko	1	..	21929b
12	5647	16.6	−13 30	9.4	*10.0*	Go	2	..	21929b
13	5954	16.6	−17 6	8.0	*8.8*	G5	7	..	39412b
14	5796	16.6	−19 1	8.5	8.5	F5	7	..	39412b
15	15924	16.6	−32 21	8.7	9.8	F5	2	..	40738b
16	14080	16.6	−35 41	7.02	7.7	F2	8	..	40738b
17	14002	16.6	−41 21	10.4	11.4	G5	2	..	39677b
18	13957	16.6	−43 19	11.0	11.1	Ao	2	..	39677b
19	11680	16.6	−52 5	9.1	10.3	Ko	1	..	42801b
20	7746	16.6	−58 14	9.3	9.2	A	2	..	40950b
21	901	16.6	−81 17	5.81	7.7	Ko	..	5,10	**56**,145
22	2910	16.7	+46 31	6.15	*6.13*	B9	7	1,7R	38477i
23	*4300*	16.7	+13 6	7.7	*8.8*	K2	2	..	37908i
24	5458	16.7	− 6 0	8.8	*8.8*	Ao	6	..	40909b
25	5726	16.7	−14 9	10.0	*10.6*	Go	1	..	21929b
26	5577	16.7	−16 9	7.9	*8.4*	F8	7	..	39412b
27	5576	16.7	−16 26	9.6	*9.9*	Fo	5	..	39412b
28	5913	16.7	−20 6	8.6	9.0	Go	7	..	39412b
29	16614	16.7	−28 4	10.9	9.9	Ao	2	..	40897b
30	13378	16.7	−47 17	10.1	10.8	Ko	2	..	39666b
31	13540	16.7	−48 9	10.1	10.5	A5	3	..	39666b
32	9860	16.7	−53 21	8.8	10.2	Ko	2	..	42801b
33	1438	16.7	−77 3	*8.7*	9.0	F2	6	..	42793b
34	*1312*	16.7	−77 56	*8.1*	9.1	Ko	4	..	42793b
35	*814*	16.7	−81 55	*8.6*	9.7	K2	2	..	21397b
36	3978	16.8	+34 56	8.6	*8.6*	B9	4	..	37891i
37	4205	16.8	+25 18	9.2	*10.4*	K5	1	..	38016i
38	4259	16.8	+10 39	7.9	*9.1*	K5	1	..	37908i
39	5270	16.8	− 7 25	10.0	*11.0*	Ko	1	..	40909b
40	5271	16.8	− 7 40	10.0	*10.1*	A2	2	..	40909b
41	5649	16.8	−13 14	9.1	*10.3*	K5	2	..	21929b
42	5580	16.8	−16 21	10.0	*10.5*	F8	2	..	39412b
43	5955	16.8	−17 48	10.0	*10.5*	F8	2	..	39412b
44	5915	16.8	−20 12	10.7	9.9	Go	2	..	39412b
45	5411	16.8	−22 40	8.2	8.8	Ko	5	..	40712b
46	14759	16.8	−27 7	9.7	9.8	Go	2	..	40897b
47	17009	16.8	−29 28	8.16	9.2	Fo	5	..	40897b
48	17861	16.8	−30 27	9.5	10.4	G5	1	..	40897b
49	14890	16.8	−33 22	7.88	9.2	K5	3	..	40738b
50	14889	16.8	−33 34	8.7	8.6	A3	5	..	40738b
51	13706	16.8	−37 0	9.3	9.3	K2	5	..	40857b
52	13914	16.8	−44 43	9.7	10.7	Go	3	..	39677b
53	13532	16.8	−46 1	9.3	10.2	F5	2	..	39666b
54	13543	16.8	−48 32	9.0	9.6	Fo	5	..	39666b
55	13542	16.8	−48 46	11.0	12.1	K5	1	..	39666b
56	11681	16.8	−52 2	8.8	9.1	Fo	3	..	42801b
57	11682	16.8	−52 32	*9.8*	10.3	F8	2	..	42801b
58	9680	16.8	−54 20	9.2	10.4	K5	1	..	42801b
59	6157	16.8	−62 9	*9.0*	10.0	Ko	3	..	39282b
60	..	16.8	−62 51	..	..	K2	1	..	39282b
61	3488	16.8	−66 35	*10.3*	10.4	A3	3	..	20427b
62	*3093*	16.9	+49 7	8.5	*8.5*	Ao	2	..	38477i
63	4273	16.9	+ 1 52	9.1	*9.5*	F5	3	..	14670b
64	*5582*	16.9	−15 58	9.4	*10.4*	Ko	2	..	39412b
65	5581	16.9	−16 51	8.4	*9.4*	Ko	6	..	39412b
66	14329	16.9	−34 1	8.7	9.5	Fo	4	..	40738b
67	12948	16.9	−50 33	10.6	10.3	F8	2	..	42801b
68	9382	16.9	−55 37	*9.4*	10.2	G5	1	..	42801b
69	4578	16.9	−63 6	*10.3*	10.9	Go	2	..	39282b
70	..	17.0	+76 36	..	..	G5	1	..	6443m
71	729	17.0	+75 35	10.0	*10.5*	F8	2	..	6443m
72	3703	17.0	+27 11	8.1	*8.1*	Ao	2	..	38016i
73	4378	17.0	+19 20	7.9	*8.7*	G5	3	..	38809i
74	4470	17.0	+18 32	8.3	*9.5*	K5	2	..	38809i
75	4369	17.0	+13 22	8.5	*8.5*	B9	3	..	37908i
76	4413	17.0	+ 8 33	8.5	*9.6*	K2	1	0,1	10153b
77	4414	17.0	+ 8 12	7.7	*7.7*	Ao	6	0,5	10153b
78	4327	17.0	+ 3 38	9.1	*10.1*	Ko	1	..	14670b
79	*4143*	17.0	+ 3 6	8.9	*8.9*	B8	6	..	14670b
80	4488	17.0	+ 0 31	8.5	*8.8*	F2	2	..	14657b
81	3964	17.0	− 1 14	9.1	*9.7*	Go	2	..	14657b
82	4865	17.0	− 3 23	9.4	*9.5*	A2	2	..	14657b
83	*5108*	17.0	− 3 58	8.6	*9.7*	K2	1	..	14657b
84	5333	17.0	− 8 10	10.4	*11.0*	Go	2	..	40591b
85	5334	17.0	− 8 13	9.4	*10.4*	Ko	3	..	40591b
86	*5640*	17.0	−14 56	8.86	*9.20*	F2	4	..	21929b
87	14735	17.0	−25 15	8.7	9.5	K2	3	..	40712b
88	13774	17.0	−39 35	9.0	10.7	K5	1	..	40857b
89	14004	17.0	−41 52	10.7	11.3	F8	2	..	39677b
90	*13915*	17.0	−43 58	9.9	10.0	A2	4	..	39677b
91	9862	17.0	−53 38	9.2	9.9	Ko	3	..	42801b
92	2109	17.1	+60 18	7.81	*7.76*	B8	6	..	38795i
93	3571	17.1	+43 32	6.83	..	Oa	..	..	**76**,29
94	*4028*	17.1	+39 2	9.3	*9.1*	B	2	..	1338f
95	3704	17.1	+27 48	8.6	*8.9*	F2	1	..	38794i
96	4027	17.1	+22 46	9.0	*9.5*	F8	2	..	38016i
97	4380	17.1	+19 11	8.5	*9.0*	F8	3	..	38809i
98	4415	17.1	+ 8 28	8.5	*9.6*	K2	2	0,2	10153b
99	4508	17.1	+ 6 51	7.60	*8.60*	Ko	5	0,7	10153b
100	4866	17.1	− 3 41	9.2	*9.8*	Go	1	..	14657b

193800 — $20^h\ 17^m.1$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5444	17.1	− 9 20	8.2	*8.2*	Ao	7	..	40909b
2	5704	17.1	−12 42	8.6	*9.6*	Ko	6	..	21929b
3	5651	17.1	−13 34	9.6	*10.4*	G5	1	..	21929b
4	14736	17.1	−25 17	8.9	8.6	A3	7	..	40712b
5	13709	17.1	−37 48	8.4	9.9	Ko	3	..	40857b
6	14005	17.1	−41 25	9.4	10.4	Ko	4	..	39677b
7	14847	17.1	−42 44	5.68	*5.76*	A3	..	R	56,145
8	9480	17.1	−56 15	8.4	9.3	Ko	4	..	40950b
9	*4579*	17.1	−62 59	*8.1*	8.4	F2	4	..	42680b
10	3489	17.1	−66 10	*10.3*	10.9	Go	3	..	39282b
11	..	17.1	−66 10	..	..	Go	2	..	39282b
12	1430	17.2	+64 32	7.73	*8.91*	K5	3	..	37333i
13	3145	17.2	+45 15	8.37	*8.93*	Go	2	..	37874i
14	3897	17.2	+37 56	7.9	*7.9*	B9	5	..	37891i
15	4020	17.2	+36 37	8.5	*8.8*	Fo	2	..	38508i
16	4001	17.2	+29 52	8.0	*8.0*	Ao	3	..	37890i
17	3983	17.2	+23 26	8.8	*9.3*	F8	1	..	38016i
18	4028	17.2	+22 32	6.75	*7.93*	K5	4	..	38016i
19	4371	17.2	+13 16	7.37	*7.37*	Ao	5	..	37908i
20	*4261*	17.2	+11 7	8.9	*8.9*	Ao	2	2,1	12063b
21	4145	17.2	+ 2 52	8.5	*8.5*	B9	6	..	14670b
22	5445	17.2	− 9 8	7.92	*8.00*	A3	7	..	40909b
23	5728	17.2	−14 2	10.0	*10.4*	F5	1	..	21929b
24	5700	17.2	−21 0	9.4	9.7	F5	2	..	40617b
25	5699	17.2	−21 10	9.2	9.3	F8	3	..	40617b
26	16000	17.2	−24 48	9.05	9.2	G5	3	..	40712b
27	14979	17.2	−26 12	9.7	9.5	F5	4	..	40897b
28	14897	17.2	−33 1	9.0	9.5	Fo	3	..	40738b
29	14333	17.2	−34 51	10.4	10.4	Go	1	..	40728b
30	14851	17.2	−42 7	7.3	8.3	Ko	7	..	39677b
31	14850	17.2	−42 50	9.3	9.3	A2	7	..	39677b
32	12951	17.2	−50 44	10.3	10.3	A2	2	..	39666b
33	7747	17.2	−58 25	8.6	9.7	K2	2	..	40950b
34	789	17.3	+76 25	9.5	*9.5*	Ao	4	..	6443m
35	1432	17.3	+64 21	8.6	*8.7*	A2	3	..	37333i
36	2396	17.3	+56 21	8.3	*8.3*	Ao	4	..	37971i
37	3703	17.3	+42 48	8.7	*8.5*	B	3	..	1338f
38	3702	17.3	+42 15	8.3	*8.3*	Ao	2	..	37874i
39	4145	17.3	+39 9	9.1	*9.4*	Fo	2	..	38508i
40	4430	17.3	+ 4 37	8.9	*9.4*	F8	4	..	14670b
41	5242	17.3	− 5 36	9.2	*10.4*	K5	2	..	40909b
42	5274	17.3	− 7 20	10.0	*10.6*	Go	1	..	40909b
43	5364	17.3	−10 30	9.2	*9.8*	Go	2	5,1	40591b
44	5366	17.3	−10 38	9.4	*10.4*	Ko	2	0,2	40591b
45	5730	17.3	−14 51	9.8	*10.2*	F5	2	..	21929b
46	5798	17.3	−19 20	9.8	9.7	Go	2	..	39412b
47	16625	17.3	−28 28	9.9	9.8	Go	2	..	40897b
48	16626	17.3	−28 44	9.9	9.8	Ko	1	..	40897b
49	17020	17.3	−29 18	10.2	10.4	F5	1	..	40897b
50	14086	17.3	−35 27	7.41	8.5	Ko	5	..	40738b
51	13712	17.3	−37 49	8.0	9.0	G5	6	..	40857b
52	13921	17.3	−44 18	10.1	11.3	Ko	2	..	39677b
53	12952	17.3	−50 13	7.9	10.0	Mb	3	..	42801b
54	7749	17.3	−58 34	8.7	9.4	K2	2	..	40950b
55	4032	17.4	+38 42	8.0	*8.0*	B8	6	4,2	16369m
56	3995	17.4	+30 32	7.81	*8.99*	K5	1	..	38794i
57	3998	17.4	+30 16	6.76	*6.82*	A2	8	..	37890i
58	3705	17.4	+27 50	8.5	*9.0*	F8	2	..	38794i
59	*4533*	17.4	+21 5	8.0	*8.0*	Ao	4	..	38016i
60	4381	17.4	+19 18	7.9	*8.9*	Ko	1	..	38809i
61	4146	17.4	+ 2 41	8.9	*9.9*	Ko	2	..	14670b
62	5245	17.4	− 5 24	7.76	*8.83*	K2	4	..	40909b
63	5958	17.4	−17 8	10.0	*11.0*	Ko	1	..	39412b
64	5660	17.4	−18 39	7.80	*8.58*	G5	7	..	39412b
65	5799	17.4	−19 51	9.78	9.9	G5	2	..	39412b
66	*14980*	17.4	−25 58	10.2	10.7	Ko	1	..	40897b
67	14089	17.4	−35 17	9.4	10.1	Ko	2	..	40728b
68	14097	17.4	−36 39	8.4	9.2	Ko	5	..	40857b
69	14009	17.4	−41 9	8.7	9.0	Ko	6	..	39677b
70	13546	17.4	−48 38	8.7	9.6	G5	4	..	39666b
71	..	17.4	−66 10	..	..	K2	2	..	39282b
72	3115	17.4	−69 13	*8.5*	9.5	Ko	4	..	20427b
73	2112	17.5	+60 58	8.7	*8.7*	Ao	2	..	38795i
74	4078	17.5	+35 34	8.7	*9.7*	K	1	..	37891i
75	3873	17.5	+33 52	8.7	*8.7*	Ao	2	..	37891i
76	3875	17.5	+26 19	9.0	*9.0*	Ao	2	..	38016i
77	*3984*	17.5	+ 0 8	9.3	*9.8*	F8	2	..	14657b
78	5336	17.5	− 8 1	10.3	*11.3*	Ko	1	..	40591b
79	5653	17.5	−13 33	9.6	*10.4*	G5	1	..	21929b
80	5641	17.5	−15 35	9.2	*10.0*	G5	2	..	21929b
81	5587	17.5	−16 7	8.0	*9.0*	Ko	5	..	39412b
82	5586	17.5	−16 29	10.0	*10.5*	F8	2	..	39412b
83	14766	17.5	−27 3	7.26	8.6	Ko	8	..	40897b
84	13839	17.5	−40 51	10.2	10.4	F8	3	..	39677b
85	14010	17.5	−41 23	9.0	9.8	Ko	5	..	39677b
86	6483	17.5	−61 5	9.0	9.4	A2	2	..	42680b
87	815	17.5	−82 37	*8.6*	9.2	Go	4	..	21397b
88	*3704*	17.6	+43 3	7.9	*7.9*	Ao	3	..	37874i
89	4148	17.6	+39 17	8.5	*9.1*	Go	2	..	38508i
90	*3900*	17.6	+38 1	8.8	*8.8*	Ao	2	..	37891i
91	4046	17.6	+31 59	7.9	*8.9*	Ko	1	..	37890i
92	*4474*	17.6	+19 2	8.5	*8.5*	Ao	3	..	38809i
93	*4416*	17.6	+ 9 6	8.7	*9.9*	K5	3	0,2	10153b
94	3987	17.6	− 0 4	8.7	*8.7*	Ao	5	..	14657b
95	5337	17.6	− 8 8	10.0	*10.4*	F5	2	..	40591b
96	*5369*	17.6	− 9 58	6.34	*7.12*	G5	9	0,10	40591b
97	5655	17.6	−13 4	10.5	*10.6*	A2	2	..	21929b
98	5654	17.6	−13 25	9.4	*10.4*	Ko	2	..	21929b
99	5643	17.6	−15 30	10.3	*10.9*	Go	1	..	21929b
100	5959	17.6	−17 33	9.6	*10.2*	Go	3	..	39412b

193900 — 20h 17m.6

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5703	17.6	−21 40	8.2	9.0	Go	6	0,5 R	40617b
2	14334	17.6	−34 29	8.7	10.1	K2	1	..	40738b
3	13842	17.6	−40 3	10.0	10.9	F8	1	..	39648b
4	14011	17.6	−41 35	10.7	11.4	Go	2	..	39677b
5	9681	17.6	−54 15	9.2	9.4	F8	4	..	42801b
6	4580	17.6	−63 17	*9.3*	9.9	Go	4	..	39282b
7	1614	17.7	+63 13	8.7	*8.7*	Ao	3	..	37333i
8	4129	17.7	+40 28	8.0	*8.1*	A2	4	*2,2*	38508i
9	3982	17.7	+34 40	8.4	*9.0*	Go	2	..	37891i
10	*4048*	17.7	+32 8	7.6	*7.7*	A2	4	..	37890i
11	*3986*	17.7	+24 7	5.41	*5.36*	B8	10	R	38016i
12	4144	17.7	+15 55	8.5	*8.5*	Ao	1	..	37908i
13	4272	17.7	+14 36	8.5	*8.5*	Ao	2	..	37908i
14	4448	17.7	+ 7 26	8.4	*9.6*	K5	2	0,2	10153b
15	5462	17.7	− 6 0	8.2	*8.3*	A2	7	..	40591b
16	5707	17.7	−12 35	9.8	*10.6*	G5	2	..	39502b
17	5588	17.7	−16 11	9.6	*10.1*	F8	3	..	39412b
18	5917	17.7	−20 51	8.6	9.3	K5	4	..	40617b
19	16008	17.7	−24 40	10.6	9.5	Go	2	..	40617b
20	15938	17.7	−32 49	8.7	9.3	F5	3	..	40738b
21	13716	17.7	−37 24	10.9	11.0	Ao	1	..	39648b
22	*14855*	17.7	−41 59	8.5	9.5	K2	5	..	39677b
23	13965	17.7	−43 27	9.1	9.9	G5	5	..	39677b
24	9674	17.7	−57 3	2.12	*1.95*	B3	..	R	**28**,215
25	709	17.8	+78 13	10.3	*11.7*	Ma	..	..	M
26	3576	17.8	+43 16	7.58	*7.58*	Ao	4	..	37874i
27	4027	17.8	+36 50	8.8	*9.1*	Fo	1	..	38508i
28	4028	17.8	+36 36	9.43	..	Oa	..	..	**76**,29
29	4873	17.8	− 3 6	9.0	*10.0*	Ko	1	..	14657b
30	5370	17.8	−10 26	9.2	*9.6*	F5	4	*3,4*	21929b
31	5313	17.8	−11 13	9.0	*10.0*	Ko	3	0,2	21929b
32	5656	17.8	−13 29	9.4	*10.2*	G5	2	..	21929b
33	5732	17.8	−14 34	6.70	*6.68*	B9	5	..	44062b
34	5645	17.8	−15 6	9.4	*9.9*	F8	3	..	21929b
35	5918	17.8	−20 13	10.0	9.9	G5	2	..	39412b
36	14772	17.8	−27 49	10.9	9.9	F5	1	..	40897b
37	14336	17.8	−34 47	9.18	9.5	Ko	4	..	40738b
38	13844	17.8	−40 35	10.0	11.5	K2	2	..	39677b
39	13966	17.8	−43 26	10.3	10.8	Go	3	..	39677b
40	13385	17.8	−47 38	10.1	11.6	Go	1	..	39666b
41	11685	17.8	−52 39	8.6	9.1	F5	4	..	42801b
42	946	17.9	+72 34	8.1	*8.5*	F5	3	..	37224i
43	2180	17.9	+57 32	8.7	*9.2*	F8	2	..	38795i
44	2384	17.9	+53 16	6.38	*7.56*	K5	5	..	37971i
45	4132	17.9	+40 52	8.4	*8.2*	B	3	..	1338f
46	4151	17.9	+39 30	9.2	*9.0*	B	2	..	1348f
47	4082	17.9	+35 39	9.0	*9.1*	A3	2	..	37891i
48	*4212*	17.9	+26 1	8.1	*8.1*	Ao	5	..	38016i
49	..	17.9	+19 47	Neb.	Neb.	Pd	..	R	**76**,23
50	4237	17.9	+16 36	7.52	*8.87*	Ma	2	5,1	38809i
51	4243	17.9	+11 22	8.1	*9.5*	Ma	1	*5,1*	12063b
52	4275	17.9	+ 1 59	9.5	*9.8*	Fo	3	..	14670b
53	5110	17.9	− 4 8	7.8	*8.8*	Ko	4	..	14657b
54	5463	17.9	− 6 17	9.4	*9.4*	Ao	3	..	40909b
55	5646	17.9	−15 9	9.8	*10.8*	K	1	..	21929b
56	5663	17.9	−18 32	8.8	*9.6*	G5	4	..	39412b
57	16013	17.9	−24 29	8.5	9.2	Ko	4	..	40712b
58	13968	17.9	−43 43	10.6	11.5	Ko	1	..	39677b
59	13785	17.9	−45 14	10.6	11.3	G5	2	..	39677b
60	7402	17.9	−60 33	*10.4*	10.4	Ao	1	..	39282b
61	..	17.9	−67 21	..	..	K2	2	..	39282b
62	648	18.0	+80 9	7.50	*7.78*	Fo	3	..	37294i
63	..	18.0	+75 2	..	..	A	1	..	6443m
64	2000	18.0	+61 56	5.61	*5.59*	B9	10	*1,10*	38795i
65	*4152*	18.0	+40 7	8.82	*10.17*	Mc	..	..	M
66	*4035*	18.0	+39 7	8.8	*8.9*	A2	3	..	38508i
67	*4307*	18.0	+13 1	8.4	*8.7*	F2	2	..	37908i
68	*4244*	18.0	+12 8	6.88	*7.95*	K2	6	..	37908i
69	4450	18.0	+ 7 35	8.0	*8.1*	A3	5	*2,7*	12063b
70	*4148*	18.0	+ 3 4	9.1	*10.3*	K5	1	..	14670b
71	*3989*	18.0	+ 0 2	9.43	*9.71*	F	2	..	14657b
72	5316	18.0	−11 12	9.8	*9.9*	A2	2	..	21929b
73	5657	18.0	−13 36	10.9	*10.9*	Ao	1	..	21929b
74	5733	18.0	−14 21	8.4	*9.5*	K2	2	..	21929b
75	5802	18.0	−19 45	10.0	10.5	K5	1	..	39412b
76	5919	18.0	−20 14	9.1	9.0	Go	5	..	39412b
77	14775	18.0	−27 53	8.7	9.2	Go	4	..	40897b
78	16637	18.0	−28 19	8.9	9.5	F5	3	..	40897b
79	16636	18.0	−28 43	8.2	9.5	Ko	4	..	40897b
80	17876	18.0	−30 48	7.89	8.0	Fo	7	..	40738b
81	14107	18.0	−36 45	9.3	10.2	A5	3	..	40857b
82	3736	18.0	−67 15	*9.9*	11.0	K2	3	..	39282b
83	1014	18.1	+71 27	8.6	*8.7*	A3	3	..	37224i
84	3904	18.1	+37 59	9.2	*9.2*	A	2	..	37891i
85	*3990*	18.1	+35 7	8.67	*8.81*	A5	1	..	37891i
86	4003	18.1	+30 56	9.0	*9.0*	Ao	1	..	37890i
87	3717	18.1	+28 31	8.2	*8.3*	A5	3	*3,2*	38510i
88	*4179*	18.1	+22 1	8.8	*8.8*	Ao	2	..	38016i
89	4478	18.1	+18 37	8.3	*8.3*	B9	3	..	38809i
90	5920	18.1	−20 34	9.2	10.2	Ma	1	..	39412b
91	16207	18.1	−23 3	9.5	9.3	Go	3	..	40712b
92	14743	18.1	−25 33	9.9	9.8	K5	1	..	40897b
93	17878	18.1	−30 9	9.1	9.2	Ao	5	..	40897b
94	14906	18.1	−33 1	8.5	9.5	G5	1	..	40738b
95	14094	18.1	−35 2	8.92	9.0	G5	5	..	40738b
96	13778	18.1	−39 49	9.78	9.8	Go	3	..	40857b
97	*13970*	18.1	−42 59	9.9	10.2	Ao	3	..	39677b
98	13790	18.1	−45 37	9.7	10.2	F8	2	..	39666b
99	13551	18.1	−48 5	10.6	10.9	G5	1	..	39666b
100	13097	18.1	−49 33	10.6	10.6	Go	1	..	39666b

194000 $20^h\ 18^m.1$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	12959	18.1	−50 11	8.40	10.3	Ko	2	..	42801b
2	9866	18.1	−53 25	8.6	9.0	F5	5	..	42801b
3	7404	18.1	−60 20	8.9	9.4	G5	3	..	42680b
4	7403	18.1	−60 33	*9.8*	10.3	F8	2	..	39282b
5	961	18.1	−80 38	*8.9*	9.7	G5	2	..	21397b
6	668	18.2	+79 20	7.06	*8.24*	K5	4	0,3	38512i
7	3712	18.2	+41 54	8.0	*8.0*	Ao	4	..	37874i
8	4037	18.2	+38 57	9.1	*9.1*	Ao	2	..	38508i
9	4036	18.2	+38 18	9.0	*8.8*	B	4	..	1338f
10	4011	18.2	+29 47	8.2	*8.3*	A2	3	..	38510i
11	4180	18.2	+21 29	8.4	*9.4*	Ko	1	..	38016i
12	4275	18.2	+14 13	6.22	*6.64*	F5	8	..	37908i
13	*4434*	18.2	+ 5 1	5.41	*6.41*	Ko	10	..	14670b
14	3991	18.2	− 0 47	7.14	*8.49*	Ma	4	..	14670b
15	*5278*	18.2	− 6 55	9.8	*10.6*	G5	1	..	40591b
16	5340	18.2	− 8 7	8.8	*9.3*	F8	6	..	40909b
17	*5450*	18.2	− 8 59	9.4	*10.2*	G5	2	..	40591b
18	5961	18.2	−17 36	9.4	*9.9*	F8	3	..	39412b
19	5664	18.2	−18 27	9.8	*10.8*	Ko	1	..	39412b
20	5804	18.2	−19 4	9.6	10.5	G5	1	..	39412b
21	5706	18.2	−21 30	7.8	9.0	A2	6	..	40617b
22	14744	18.2	−25 18	10.9	9.5	F8	2	..	40617b
23	14745	18.2	−25 27	10.9	10.4	Ko	1	..	40897b
24	16639	18.2	−28 19	8.5	9.2	Fo	4	..	40897b
25	17031	18.2	−29 17	9.9	10.4	Go	1	..	40897b
26	*14340*	18.2	−33 55	8.7	8.7	F5	5	..	40738b
27	14015	18.2	−41 2	8.4	8.3	A2	7	..	39677b
28	13929	18.2	−44 7	10.3	10.8	F8	2	..	39677b
29	13390	18.2	−47 25	10.3	11.5	Ko	1	..	39666b
30	730	18.3	+75 30	9.07	*10.25*	K5	2	..	6443m
31	1115	18.3	+70 28	7.24	*7.38*	A5	7	..	37333i
32	3719	18.3	+28 45	8.2	*8.6*	F5	2	R	38794i
33	4215	18.3	+25 58	7.10	*8.17*	K2	4	..	38016i
34	3994	18.3	+23 45	8.1	*9.1*	Ko	3	..	38016i
35	4389	18.3	+19 31	7.17	*7.95*	G5	5	..	38016i
36	*4308*	18.3	+18 0	9.1	*9.2*	A2	1	..	38809i
37	4242	18.3	+16 10	8.5	*8.5*	Ao	1	..	37908i
38	4420	18.3	+ 8 8	8.6	*10.0*	Ma	2	0,2	10153b
39	4494	18.3	+ 5 14	8.96	*9.24*	Fo	3	..	14670b
40	5253	18.3	− 5 35	6.84	*7.26*	F5	4	0,9	8604b
41	5452	18.3	− 9 6	9.2	*9.3*	A2	4	..	40591b
42	5317	18.3	−11 0	7.8	*7.9*	A2	7	0,8	40591b
43	*5647*	18.3	−14 59	10.0	*10.5*	F8	2	..	21929b
44	5923	18.3	−20 6	9.6	10.2	Ko	2	..	39412b
45	5924	18.3	−20 22	9.4	10.8	K2	1	..	39412b
46	14910	18.3	−33 21	9.3	9.5	Go	2	..	40738b
47	13719	18.3	−37 19	7.6	9.2	Ko	6	..	40857b
48	14016	18.3	−41 9	10.9	*12.1*	K5	1	..	39677b
49	14017	18.3	−41 17	9.6	10.4	G5	4	..	39677b
50	*14861*	18.3	−41 58	9.7	10.4	F8	3	..	39677b
51	13930	18.3	−44 43	10.6	11.7	A2	1	..	39677b
52	13553	18.3	−48 35	10.3	11.2	Ko	1	..	39666b
53	6484	18.3	−61 4	*9.3*	10.4	K2	2	..	39282b
54	4581	18.3	−63 23	*9.3*	9.9	Go	3	..	39282b
55	731	18.4	+75 56	9.5	*10.5*	Ko	2	..	6443m
56	*2848*	18.4	+52 5	7.50	*8.68*	K5	2	..	37971i
57	3439	18.4	+44 30	7.8	*7.6*	B	3	R	37874i
58	..	18.4	+ 7 38	..	..	Mb	..	..	M
59	5342	18.4	− 8 44	9.6	*10.0*	F5	2	..	40591b
60	5712	18.4	−12 12	9.2	*9.5*	Fo	3	..	21929b
61	5649	18.4	−15 19	9.2	*10.2*	Ko	3	..	21929b
62	5419	18.4	−22 22	8.1	8.4	F5	5	..	40712b
63	16214	18.4	−23 47	8.0	8.1	F8	8	..	40712b
64	14018	18.4	−41 34	8.4	9.3	Ko	7	..	39677b
65	14862	18.4	−42 10	10.3	*11.3*	Ko	1	..	39677b
66	14863	18.4	−42 49	10.3	11.3	F8	2	..	39677b
67	9867	18.4	−53 26	*9.4*	9.9	F8	3	..	42801b
68	816	18.4	−82 49	*9.7*	9.8	A5	2	..	21397b
69	4136	18.5	+40 48	6.43	*7.21*	G5	7	..	37874i
70	4041	18.5	+38 49	8.7	*9.8*	K2	2	..	38508i
71	3711	18.5	+27 55	8.0	*9.0*	Ko	2	..	38016i
72	*4391*	18.5	+20 0	7.86	*8.64*	G5	3	..	38016i
73	4248	18.5	+11 47	8.9	*10.0*	K2	1	..	12063b
74	4264	18.5	+10 46	7.7	*7.8*	A2	6	..	37908i
75	4506	18.5	+ 9 38	8.0	*9.2*	K5	3	..	12063b
76	4435	18.5	+ 4 40	9.1	*9.2*	A5	1	..	14670b
77	3968	18.5	− 1 23	8.3	*8.3*	Ao	7	..	14657b
78	*5343*	18.5	− 7 55	8.0	*9.1*	K2	4	..	40909b
79	5453	18.5	− 9 12	9.4	*10.6*	K5	1	..	40591b
80	5661	18.5	−13 43	8.0	*8.5*	F8	6	..	21929b
81	*5964*	18.5	−16 55	10.3	*10.4*	A5	2	..	40587b
82	5668	18.5	−18 42	9.2	*10.0*	G5	1	..	39412b
83	5707	18.5	−21 14	8.2	9.3	Ko	4	..	40617b
84	14777	18.5	−27 13	8.2	8.9	F5	5	..	40897b
85	17036	18.5	−29 4	9.2	9.8	F5	4	..	40897b
86	17039	18.5	−29 24	6.93	8.0	Ko	8	..	40897b
87	13794	18.5	−45 2	11.6	11.6	Go	1	..	39677b
88	3851	18.5	−65 39	*10.4*	10.9	F8	2	..	20427b
89	790	18.6	+76 30	9.5	*9.6*	A3	5	2,1	6443m
90	*2093*	18.6	+59 1	8.7	*8.7*	Ao	3	..	38795i
91	3441	18.6	+44 38	9.0	*9.0*	A	2	..	37874i
92	4137	18.6	+40 39	8.7	*8.5*	B3	5	..	1338f
93	4159	18.6	+39 56	2.32	*2.82*	F8p	..	R	2018c
94	4043	18.6	+38 23	9.2	*9.0*	B	2	..	1338f
95	3908	18.6	+37 46	7.8	*8.8*	Ko	3	..	37891i
96	3995	18.6	+34 40	6.67	*6.67*	Ao	8	..	37891i
97	4005	18.6	+30 56	6.16	*7.23*	K2	6	..	37890i
98	3882	18.6	+26 52	9.2	*10.0*	G5	2	..	38016i
99	5465	18.6	− 6 26	9.6	*10.4*	G5	1	..	40909b
100	5374	18.6	−10 11	9.2	*10.2*	Ko	2	..	40591b

194100 — $20^h\ 18^m.6$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5319	18.6	−11 20	9.2	*9.7*	F8	4	2,3	21929b
2	14990	18.6	−26 9	6.94	8.6	Ko	9	..	40897b
3	17041	18.6	−29 52	8.5	10.3	Ma	3	..	40897b
4	17885	18.6	−30 35	8.9	10.4	K5	1	..	40897b
5	17886	18.6	−30 51	8.9	9.2	Ao	5	0,3	40897b
6	13793	18.6	−45 47	8.6	10.2	K5	3	..	39666b
7	13539	18.6	−46 5	9.9	10.8	G5	1	..	39666b
8	13099	18.6	−49 7	9.5	10.3	G5	2	..	39666b
9	4086	18.7	+35 11	8.17	*8.25*	A3	3	..	37891i
10	4056	18.7	+31 13	7.18	*8.18*	Ko	5	..	37890i
11	3884	18.7	+26 48	8.6	*8.7*	A3	3	..	38016i
12	3997	18.7	+23 58	8.6	*8.6*	Ao	3	..	38016i
13	4541	18.7	+20 32	8.0	*8.3*	F2	3	..	38016i
14	*4310*	18.7	+18 2	8.6	*10.0*	Mc	..	..	M
15	*4278*	18.7	+15 3	7.09	*7.09*	Ao	5	0,7	37908i
16	*4508*	18.7	+10 2	6.79	*7.86*	K2	6	..	37908i
17	4509	18.7	+ 9 45	9.0	*10.4*	Mb	3	..	37599b
18	4421	18.7	+ 8 35	8.9	*9.0*	A5	2	..	12063b
19	4149	18.7	+ 2 37	9.1	*10.1*	Ko	1	..	14670b
20	5345	18.7	− 8 45	9.4	*10.2*	G5	1	..	40591b
21	5734	18.7	−14 26	7.00	*8.00*	Ko	7	..	21929b
22	5650	18.7	−15 38	9.4	*10.5*	K2	1	..	40587b
23	5807	18.7	−19 12	10.0	9.3	Go	2	..	39412b
24	5806	18.7	−19 46	9.13	10.2	Ko	3	..	39412b
25	5708	18.7	−21 31	9.4	9.9	Go	2	..	40617b
26	16019	18.7	−24 51	9.9	9.8	Go	2	..	40617b
27	16650	18.7	−28 33	9.5	9.5	Go	2	..	40897b
28	14913	18.7	−33 26	10.0	9.8	Ao	2	..	40738b
29	6485	18.7	−61 17	8.9	9.5	K5	2	..	39282b
30	*792*	18.8	+77 6	8.8	*9.1*	F2	2	..	37266i
31	*2220*	18.8	+60 7	8.81	*9.31*	F8	1	..	38795i
32	2686	18.8	+52 47	8.2	*8.2*	Ao	3	..	37971i
33	3581	18.8	+43 52	8.9	*8.9*	A	2	..	37874i
34	3803	18.8	+32 9	8.6	*8.6*	A	1	..	38508i
35	3998	18.8	+23 42	8.2	*9.4*	K5	2	..	38016i
36	4491	18.8	+ 0 11	8.43	*9.43*	Ko	3	..	14657b
37	5466	18.8	− 6 4	10.3	*10.3*	Ao	3	..	40591b
38	*5714*	18.8	−11 56	8.6	*10.0*	Ma	2	..	40591b
39	5592	18.8	−16 20	9.8	*10.9*	K2	2	..	40587b
40	5965	18.8	−17 24	9.6	*10.8*	K5	1	..	39412b
41	5808	18.8	−19 6	9.4	9.4	Go	4	..	39412b
42	16022	18.8	−24 34	8.7	8.6	Ao	6	..	40617b
43	16023	18.8	−24 51	9.5	9.8	G5	1	..	40617b
44	14753	18.8	−25 31	10.6	10.4	Ko	1	..	40897b
45	13978	18.8	−43 7	8.9	8.7	A2	7	..	39677b
46	9386	18.8	−55 25	*10.0*	10.4	F5	1	..	42801b
47	..	18.8	−66 8	..	..	A2	3	..	39282b
48	1440	18.8	−77 31	*8.2*	8.6	F5	6	..	42793b
49	619	18.8	−84 45	7.08	7.0	Ao	5	0,9	6472b
50	791	18.9	+76 45	9.5	*10.6*	K2	2	..	6443m
51	2850	18.9	+51 55	8.2	*8.2*	Ao	3	..	37971i
52	3152	18.9	+45 27	5.87	*6.87*	Ko	8	..	37874i
53	3909	18.9	+37 48	9.0	*8.8*	B	3	..	1338f
54	4514	18.9	+ 6 18	7.5	*7.9*	F5	7	3,8	10153b
55	5376	18.9	−10 18	9.2	*9.3*	A5	4	..	40591b
56	5967	18.9	−17 20	8.6	*9.8*	K5	5	..	39412b
57	13784	18.9	−39 34	10.2	10.4	A3	3	..	39648b
58	13786	18.9	−39 39	8.7	10.7	K5	2	..	39648b
59	13856	18.9	−40 7	10.4	10.9	A5	2	..	39648b
60	14867	18.9	−42 6	9.7	10.9	K2	3	..	39677b
61	7615	18.9	−59 33	8.1	9.4	K2	5	..	39698b
62	1434	19.0	+64 9	9.3	*9.6*	F	2	..	37333i
63	3999	19.0	+23 20	8.6	*8.6*	B9	6	..	38016i
64	*3971*	19.0	− 0 54	7.9	*8.9*	Ko	4	..	14657b
65	5281	19.0	− 7 6	9.2	*9.8*	Go	2	..	40909b
66	*5455*	19.0	− 8 53	9.2	*9.8*	Go	3	..	40591b
67	5456	19.0	− 9 23	9.4	*10.4*	Ko	1	..	40591b
68	5664	19.0	−13 18	10.3	*10.4*	A2	2	..	21929b
69	5925	19.0	−20 2	9.2	9.6	G5	3	..	39412b
70	17046	19.0	−29 11	8.3	8.9	A2	8	..	40897b
71	14914	19.0	−33 41	9.0	9.8	Ko	1	..	40738b
72	13398	19.0	−47 53	9.7	10.7	Go	2	..	39666b
73	9687	19.0	−54 8	8.4	9.4	Ko	3	..	42801b
74	7752	19.0	−58 45	*8.7*	9.7	Ko	2	..	39698b
75	2117	19.1	+60 44	8.7	*8.8*	A2	4	..	38795i
76	2116	19.1	+60 31	9.3	*9.4*	A2	3	..	38795i
77	*4040*	19.1	+37 6	8.2	*8.6*	F5	2	..	37891i
78	*4057*	19.1	+32 7	8.0	*8.5*	F8	2	..	37890i
79	4152	19.1	+ 2 36	9.5	*9.5*	Ao	4	..	14670b
80	*5671*	19.1	−17 54	9.2	*10.0*	G5	1	..	39412b
81	17891	19.1	−30 18	7.48	8.9	Mb	5	0,5	40728b
82	17562	19.1	−31 4	8.9	10.3	Go	2	..	40897b
83	14354	19.1	−34 37	9.4	9.8	Go	2	..	40728b
84	14024	19.1	−41 7	6.11	7.6	Ko	10	..	39677b
85	14872	19.1	−42 17	9.5	10.4	Ko	4	..	39677b
86	13940	19.1	−44 38	10.1	12.0	K5	1	..	39677b
87	13542	19.1	−46 28	9.0	9.4	A2	5	..	39666b
88	*13399*	19.1	−46 59	7.02	7.3	A5	10	..	39666b
89	3369	19.1	−68 5	*7.3*	7.6	F2	9	..	20427b
90	*3118*	19.1	−68 58	*8.8*	8.9	A5	5	..	20427b
91	770	19.2	+77 43	7.9	*8.9*	Ko	3	..	37224i
92	3089	19.2	+47 27	8.7	*9.1*	F5	1	..	38477i
93	4141	19.2	+40 42	6.08	*7.26*	K5	7	..	37874i
94	4139	19.2	+40 23	8.4	*8.4*	A	2	R	38508i
95	4332	19.2	+ 3 31	9.5	*10.5*	Ko	3	..	14670b
96	5323	19.2	−11 50	8.6	*10.0*	Ma	1	..	40591b
97	5926	19.2	−20 20	8.8	9.4	Ma	3	..	39412b
98	14356	19.2	−34 30	9.4	11.0	Ko	1	..	40728b
99	14874	19.2	−42 11	10.6	11.3	Go	2	..	39677b
100	11688	19.2	−52 15	*9.4*	10.0	Go	2	..	42801b

194200 — $20^h\ 19^m.2$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	1621	19.2	−75 35	*8.4*	8.7	Fo	7	..	42793b
2	1617	19.3	+63 45	8.1	*9.1*	Ko	4	..	37333i
3	2118	19.3	+60 13	8.81	*9.88*	K2	1	..	38795i
4	3067	19.3	+50 14	7.22	*7.22*	Ao	6	2,7	38477i
5	*4053*	19.3	+39 2	9.2	*9.0*	B	2	..	1338f
6	4051	19.3	+38 54	6.62	*6.60*	B9	8	..	37891i
7	4052	19.3	+38 26	9.1	*9.1*	Ao	2	..	37891i
8	4090	19.3	+35 21	8.2	*8.7*	F8	4	..	37891i
9	4010	19.3	+30 34	8.5	*8.6*	A3	3	..	38510i
10	4222	19.3	+25 31	9.2	*9.2*	B9	2	..	38016i
11	4148	19.3	+15 43	6.70	*6.68*	B9	7	1,8	37908i
12	5810	19.3	−19 2	9.2	9.3	F8	5	..	39412b
13	5809	19.3	−19 45	6.88	8.2	Ko	8	..	40587b
14	16223	19.3	−23 30	8.9	9.9	K2	3	..	40617b
15	*17049*	19.3	−28 59	5.97	7.3	Ko	..	0,10	56,145
16	14105	19.3	−35 21	10.0	10.7	Ko	1	..	40728b
17	13400	19.3	−47 37	10.6	11.1	Ko	1	..	39666b
18	3119	19.3	−69 36	*9.7*	10.3	Go	2	..	20427b
19	*1285*	19.4	+67 7	9.3	*9.6*	F	2	..	37333i
20	3721	19.4	+42 40	6.33	*7.33*	Ko	5	..	37874i
21	4270	19.4	+10 54	8.7	*9.3*	Go	3	..	12063b
22	4519	19.4	+ 9 29	8.5	*9.6*	K2	4	..	12063b
23	4457	19.4	+ 7 35	8.1	*9.2*	K2	3	3,2	10153b
24	4438	19.4	+ 4 15	9.1	*9.2*	A3	3	..	14670b
25	4333	19.4	+ 3 46	9.1	*9.1*	Ao	6	..	14670b
26	3995	19.4	− 0 43	8.5	*9.0*	F8	3	..	14657b
27	*5262*	19.4	− 4 54	8.20	*9.20*	Ko	6	..	40591b
28	5261	19.4	− 5 14	9.2	*9.2*	Ao	4	..	40591b
29	5282	19.4	− 7 7	8.8	*9.6*	G5	3	..	40909b
30	*5348*	19.4	− 7 56	8.4	*9.2*	G5	4	..	40909b
31	5350	19.4	− 8 25	8.8	*8.9*	A2	6	..	40591b
32	5349	19.4	− 8 30	8.2	*9.6*	Ma	4	..	40591b
33	5457	19.4	− 9 5	7.04	*7.12*	A3	6	1,9	8604b
34	5717	19.4	−12 27	10.0	*10.8*	G5	1	..	39502b
35	17050	19.4	−29 45	8.78	9.2	Ko	6	..	40897b
36	17567	19.4	−31 33	8.5	10.4	K2	2	..	40897b
37	15952	19.4	−32 51	7.6	9.5	K2	2	..	40738b
38	1441	19.4	−77 37	*7.9*	8.9	Ko	5	..	42793b
39	903	19.5	+73 18	9.6	*10.2*	Go	2	..	6443m
40	3718	19.5	+42 22	8.5	*8.5*	A	2	..	37874i
41	4144	19.5	+40 28	7.47	*8.54*	K2	3	..	38508i
42	*4060*	19.5	+32 5	8.6	*8.7*	A3	2	..	37890i
43	4439	19.5	+ 4 50	9.1	*9.4*	Fo	1	..	14670b
44	4495	19.5	+ 0 45	6.11	*6.11*	Ao	9	..	38113i
45	3976	19.5	− 1 51	8.07	*9.07*	Ko	5	R	14657b
46	5469	19.5	− 6 50	10.4	*10.9*	F8	2	..	40591b
47	*5719*	19.5	−11 54	9.0	*9.1*	A5	4	2,2-	21929b
48	5720	19.5	−12 33	10.0	*10.6*	Go	2	..	39502b
49	16227	19.5	−23 47	9.1	9.0	Go	5	..	40617b
50	13546	19.5	−46 22	9.2	9.6	Go	5	..	39666b
51	13557	19.5	−48 17	8.5	8.5	Fo	7	..	39666b
52	13101	19.5	−49 50	9.56	10.0	Fo	3	..	39666b
53	12539	19.5	−51 52	10.3	10.0	A5	2	..	42801b
54	9871	19.5	−53 32	*9.8*	10.2	F5	1	..	42801b
55	9388	19.5	−55 7	*9.5*	10.5	Ko	1	..	42801b
56	6158	19.5	−62 20	*9.9*	10.3	F5	2	..	39282b
57	732	19.6	+75 41	10.3	*11.3*	Ko	1	..	6443m
58	1121	19.6	+68 34	5.99	*7.34*	Mb	9	..	37333i
59	1435	19.6	+64 19	9.3	*9.4*	A5	3	..	37333i
60	3724	19.6	+42 41	8.5	*8.5*	Ao	3	..	37874i
61	4318	19.6	+12 40	8.3	*8.3*	B9	3	..	37908i
62	4503	19.6	+ 5 10	7.21	*7.19*	B9	4	1,10	38113i
63	*4496*	19.6	+ 1 2	6.81	*7.99*	K5	8	..	14670b
64	5470	19.6	− 6 6	9.4	*10.8*	Ma	1	..	40591b
65	5283	19.6	− 7 8	9.2	*10.0*	G5	2	..	40909b
66	5383	19.6	−10 38	9.2	*9.7*	F8	2	..	40591b
67	5715	19.6	−21 8	10.0	10.2	A	1	..	40617b
68	5716	19.6	−21 29	8.6	9.6	K2	3	..	40617b
69	5717	19.6	−21 49	8.8	9.3	F8	4	..	40617b
70	16655	19.6	−28 5	9.7	10.1	Go	2	..	40897b
71	15955	19.6	−32 39	9.0	9.5	Go	2	..	40738b
72	*14362*	19.6	−33 57	7.77	7.9	Ao	8	..	40738b
73	13558	19.6	−48 18	9.1	9.7	F	2	..	39666b
74	*7617*	19.6	−58 57	*9.4*	10.0	G	1	..	39698b
75	6159	19.6	−62 44	*10.0*	10.1	A5	3	..	39282b
76	2557	19.6	−71 11	*9.3*	9.8	F8	3	..	42475b
77	903	19.6	−81 52	*8.0*	9.1	K2	4	..	21397b
78	856	19.7	+74 55	10.3	*11.1*	G5	1	..	6443m
79	4150	19.7	+40 26	7.05	*6.81*	Bo	3	..	37902i
80	4057	19.7	+38 37	9.1	*8.9*	B	4	R	1338f
81	*3885*	19.7	+34 4	8.5	*8.6*	A2	3	..	37891i
82	4061	19.7	+31 22	8.0	*8.0*	B9	5	..	37890i
83	4250	19.7	+11 53	8.5	*9.0*	F8	2	..	12063b
84	4154	19.7	+ 2 20	9.5	*10.6*	K2	1	..	14670b
85	5721	19.7	−12 1	7.37	*7.51*	A5	8	2,8	21929b
86	5656	19.7	−15 9	8.4	*9.2*	G5	5	..	39502b
87	5597	19.7	−16 15	9.8	*10.4*	G	2	..	40587b
88	5596	19.7	−16 42	9.1	*9.5*	F5	5	3,5	39412b
89	5972	19.7	−17 39	9.4	*10.0*	Go	3	..	39412b
90	*5425*	19.7	−21 59	8.7	9.0	Ko	4	..	40617b
91	5426	19.7	−22 7	9.0	9.3	F2	4	..	40617b
92	14110	19.7	−35 32	10.2	10.1	A3	2	..	40728b
93	13559	19.7	−48 9	9.9	10.9	G5	2	..	39666b
94	7405	19.7	−60 48	*9.5*	10.3	G5	3	..	39282b
95	4582	19.7	−63 25	*9.1*	9.9	G5	2	..	42680b
96	733	19.8	+75 15	9.8	*10.4*	G	1	..	6443m
97	1286	19.8	+66 22	9.0	*9.1*	A2	3	..	37333i
98	1618	19.8	+63 41	5.92	*7.10*	K5	7	..	37333i
99	*1807*	19.8	+63 7	7.33	*8.51*	K5	5	..	37333i
100	3107	19.8	+48 12	8.6	*10.0*	Ma	2	..	16335m

194300 — 20h 19m.8

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3091	19.8	+47 15	8.37	*9.15*	G5	1	..	37874i
2	3721	19.8	+41 12	8.1	*8.2*	A2	2	..	37874i
3	4049	19.8	+36 37	8.6	*9.4*	G5	1	..	38508i
4	4250	19.8	+16 34	8.1	*8.2*	A2	4	0,3	38809i
5	4426	19.8	+ 8 17	6.62	*6.60*	B9	9	0,10	12063b
6	5118	19.8	− 4 49	9.15	*10.15*	Ko	2	..	40591b
7	5471	19.8	− 6 49	9.2	*10.4*	K5	1	..	40909b
8	R	19.8	−22 53	9.5	10.2	Ko	2	..	40617b
9	15009	19.8	−26 4	9.7	9.8	A2	3	..	40897b
10	15008	19.8	−26 53	8.0	7.7	B9	5	..	37115b
11	13549	19.8	−46 46	9.7	9.9	F2	4	..	39666b
12	13401	19.8	−47 23	11.0	11.6	K2	1	..	39666b
13	9873	19.8	−53 44	8.5	9.7	F8	3	..	42801b
14	298	19.8	−87 8	*7.4*	7.4	Ao	4	0,3-	6472b
15	734	19.9	+75 50	10.0	*11.0*	K	1	..	6443m
16	2120	19.9	+60 13	9.01	*9.01*	Ao	2	..	38795i
17	4062	19.9	+31 52	4.60	*5.67*	K2	9	0,9	37890i
18	4396	19.9	+19 16	7.6	*7.7*	A2	3	..	38016i
19	4150	19.9	+15 25	8.0	*9.1*	K2	1	..	37908i
20	5354	19.9	− 8 1	9.2	*9.6*	F5	3	..	40591b
21	5667	19.9	−13 43	10.0	*10.3*	F2	2	..	21929b
22	5736	19.9	−14 27	8.6	*8.6*	Ao	7	..	39502b
23	5928	19.9	−20 46	9.6	10.5	G5	1	..	40617b
24	17060	19.9	−29 22	9.1	9.2	Ao	7	..	40897b
25	13738	19.9	−37 26	8.7	10.1	Mb	2	..	40857b
26	14882	19.9	−42 23	8.3	7.9	A2	8	..	39677b
27	13984	19.9	−43 53	8.9	9.9	Ko	6	..	39677b
28	13402	19.9	−47 35	7.9	8.1	Fo	8	..	39666b
29	9491	19.9	−56 41	9.2	9.7	Fo	4	..	42801b
30	*7753*	19.9	−57 58	8.9	9.1	G5	3	..	40950b
31	6486	19.9	−61 34	9.2	10.0	Ko	3	..	39282b
32	R	19.9	−61 39	..	..	K	1	..	39282b
33	2339	20.0	+54 37	7.46	*7.46*	Ao	6	..	37971i
34	4059	20.0	+38 34	9.2	*9.0*	B	3	..	1338f
35	3916	20.0	+37 10	5.68	*5.51*	B3	9	..	37891i
36	4097	20.0	+35 46	9.2	*9.2*	A	2	..	38508i
37	4152	20.0	+15 50	7.22	*8.40*	K5	2	..	37908i
38	4274	20.0	+10 58	9.5	*10.3*	G5	1	..	12063b
39	4335	20.0	+ 3 41	9.1	*9.5*	F5	4	..	14670b
40	4882	20.0	− 3 45	8.6	*9.0*	F5	3	..	14657b
41	*5355*	20.0	− 7 54	10.0	*10.5*	F8	2	..	40591b
42	5386	20.0	−10 46	8.6	*9.7*	K2	2	..	40591b
43	5328	20.0	−11 3	9.6	*10.1*	F8	2	..	39502b
44	5327	20.0	−11 40	9.1	*10.1*	Ko	2	..	40591b
45	5724	20.0	−12 23	9.4	*9.5*	A2	4	..	21929b
46	5737	20.0	−14 42	9.4	*10.5*	K2	1	..	39502b
47	5658	20.0	−15 43	9.8	*10.9*	K2	2	..	40587b
48	R	20.0	−22 55	10.2	10.2	G5	2	..	40617b
49	13861	20.0	−40 14	8.7	11.0	Ko	1	..	39648b
50	13809	20.0	−45 55	7.8	9.4	K2	6	..	39666b
51	*13104*	20.0	−48 55	8.1	7.9	F2	7	..	39666b
52	9492	20.0	−56 50	*9.8*	9.9	A2	3	..	42801b
53	3852	20.0	−65 54	*9.6*	10.1	F8	4	..	20427b
54	*2694*	20.1	+53 6	7.7	*7.7*	Ao	5	..	37971i
55	3108	20.1	+48 30	8.2	*9.4*	K5	1	..	37874i
56	3918	20.1	+37 40	8.7	*8.7*	Ao	2	..	37891i
57	4051	20.1	+36 43	6.67	*6.65*	B9	7	..	37891i
58	3735	20.1	+28 41	7.23	*7.37*	A5	7	3,5	38510i
59	4004	20.1	+23 58	6.96	*7.52*	Go	6	R	38016i
60		20.1	+23 58			A3			
61	4156	20.1	+ 2 14	9.5	*10.7*	K5	1	..	14670b
62	3997	20.1	− 0 37	8.6	*9.2*	Go	3	..	14657b
63	*5738*	20.1	−13 54	8.6	*9.6*	Ko	4	..	21929b
64	14763	20.1	−25 10	9.9	9.5	F8	3	..	40617b
65	14923	20.1	−33 37	8.7	9.8	G5	3	..	40738b
66	14370	20.1	−34 52	9.4	10.2	Go	3	..	40728b
67	13862	20.1	−40 15	8.73	10.9	K2	2	..	39648b
68	13864	20.1	−40 44	8.4	9.8	K2	6	..	39677b
69	14034	20.1	−41 2	8.7	9.8	Ko	6	..	39677b
70	14036	20.1	−41 19	8.4	8.3	A2	8	..	39677b
71	13812	20.1	−45 7	9.7	10.7	Ko	2	0,2	39677b
72	*13550*	20.1	−45 59	9.5	9.9	F8	4	...	39666b
73	9693	20.1	−54 45	9.1	9.4	A2	5	..	42801b
74	..	20.1	−66 24	..	..	K2	1	..	39282b
75	650	20.2	+80 13	6.79	*6.79*	Ao	8	0,8	38590i
76	1436	20.2	+64 23	7.73	*8.80*	K2	3	..	37333i
77	1619	20.2	+63 52	8.7	*9.1*	F5	2	..	37333i
78	4063	20.2	+38 11	9.1	*9.4*	F	2	..	38508i
79	4099	20.2	+35 54	8.6	*9.6*	K	1	..	37891i
80	*3738*	20.2	+29 3	8.4	*8.4*	Ao	5	..	38510i
81	*4488*	20.2	+19 0	8.1	*8.1*	Ao	2	..	38016i
82	4284	20.2	+14 33	8.9	*8.9*	Ao	2	..	38900i
83	4523	20.2	+ 9 56	9.3	*9.8*	F8	2	R	12063b
84		20.2	+ 9 56						
85	4429	20.2	+ 8 53	7.60	*8.02*	F5	7	..	12063b
86	4464	20.2	+ 7 28	8.5	*9.3*	G5	2	..	12063b
87	4463	20.2	+ 7 24	8.9	*10.0*	K2	1	..	12063b
88	4462	20.2	+ 7 10	7.65	*7.93*	Fo	7	0,8	10153b
89	4336	20.2	+ 3 40	8.3	*9.3*	Ko	7	..	14670b
90	4158	20.2	+ 2 50	8.1	*9.1*	Ko	6	..	14670b
91	5264	20.2	− 5 27	9.6	*10.2*	Go	5	..	40591b
92	*5668*	20.2	−12 57	9.2	*10.4*	K5	2	..	21929b
93	*5659*	20.2	−14 57	9.6	*10.4*	G5	1	..	39502b
94	5680	20.2	−18 49	8.0	*8.1*	A2	7	..	39412b
95	5930	20.2	−20 3	9.6	9.6	G5	2	..	40587b
96	15959	20.2	−32 39	7.32	8.0	Ko	7	..	40738b
97	13798	20.2	−39 29	9.4	9.0	A3	4	..	40857b
98	13403	20.2	−47 11	9.7	10.0	G5	4	..	39666b
99	3737	20.2	−67 17	*9.1*	9.5	F5	6	..	20427b
100	793	20.3	+76 21	9.52	*10.02*	F8	2	..	6443m

194400 — $20^h\ 20^m.3$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	735	20.3	+75 27	8.57	*8.63*	A2	4	R	6443m
2	*857*	20.3	+75 4	9.8	*9.8*	A	1	..	6443m
3	4226	20.3	+25 36	8.2	*9.4*	K5	2	..	38016i
4	4200	20.3	+21 37	8.8	*8.9*	A2	1	..	38809i
5	4489	20.3	+18 39	8.4	*8.5*	A2	2	..	38507i
6	*4322*	20.3	+13 5	7.6	*7.7*	A2	6	..	37908i
7	*4160*	20.3	+ 3 5	9.0	*9.1*	A2	5	..	14670b
8	4159	20.3	+ 2 51	8.9	*9.9*	Ko	2	..	14670b
9	4282	20.3	+ 1 26	8.3	*8.8*	F8	7	..	14670b
10	5475	20.3	− 6 25	9.8	*9.8*	Ao	3	..	40909b
11	5660	20.3	−15 45	9.2	*10.4*	K5	1	..	40587b
12	14768	20.3	−25 17	8.3	8.3	A3	8	..	40617b
13	14767	20.3	−25 32	9.5	9.5	G5	3	..	40897b
14	17907	20.3	−30 23	9.2	10.3	Go	3	..	40897b
15	17579	20.3	−31 17	9.7	10.4	A2	2	..	40897b
16	13990	20.3	−43 45	9.5	10.4	Ko	3	..	39677b
17	13815	20.3	−45 5	8.21	8.7	Fo	8	..	39666b
18	*13105*	20.3	−48 57	9.0	9.1	F2	4	..	39666b
19	6160	20.3	−62 47	*8.4*	9.2	G5	4	..	42680b
20	4046	20.3	−64 43	*9.2*	10.6	Ma	3	..	39282b
21	3490	20.3	−66 43	*9.6*	10.6	Ko	3	..	39282b
22	651	20.4	+80 16	7.80	*7.94*	A5	2	..	38590i
23	2927	20.4	+46 13	8.5	*8.5*	B8	3	..	37874i
24	4166	20.4	+39 13	8.1	*8.1*	Ao	4	..	37891i
25	5357	20.4	− 8 37	9.2	*10.0*	G5	4	..	40591b
26	*5464*	20.4	− 8 56	8.8	*10.2*	Mb	3	..	40591b
27	5388	20.4	−10 48	9.1	*9.2*	A2	3	..	40591b
28	5669	20.4	−13 6	9.8	*10.4*	Go	2	..	21929b
29	5739	20.4	−14 26	10.7	*11.2*	F8	3	..	39502b
30	5661	20.4	−15 2	8.8	*9.6*	G5	4	..	39502b
31	16661	20.4	−28 48	9.1	10.6	G5	1	..	40897b
32	17069	20.4	−29 24	7.10	8.0	Ko	8	..	40897b
33	13741	20.4	−37 43	6.26	7.4	Ko	10	..	40857b
34	13554	20.4	−46 26	9.3	10.8	Ko	3	..	39666b
35	13406	20.4	−47 1	9.2	11.3	K5	1	..	39666b
36	13106	20.4	−49 21	10.6	10.6	Go	2	..	39666b
37	12975	20.4	−50 5	8.0	10.0	Mb	3	..	42801b
38	11690	20.4	−52 46	*9.4*	10.0	Go	1	..	42801b
39	9695	20.4	−54 38	8.6	9.3	Go	6	..	42801b
40	R	20.4	−60 35	..	..	A5	2	..	39282b
41	3120	20.4	−69 24	*6.6*	6.7	A2	6	..	43204b
42	1241	20.5	+67 28	9.0	*9.5*	F8	3	..	37333i
43	1437	20.5	+64 19	9.8	*9.8*	A	2	..	37333i
44	2341	20.5	+54 21	6.63	*6.69*	A2	8	..	37971i
45	3073	20.5	+50 29	8.1	*8.1*	Ao	1	..	38477i
46	3455	20.5	+44 18	9.0	*9.1*	A2	2	..	37874i
47	*3921*	20.5	+38 0	9.2	*9.3*	A2	2	..	38508i
48	3890	20.5	+33 54	8.4	*8.4*	Ao	3	..	37891i
49	3891	20.5	+26 48	8.6	*8.7*	A3	2	..	38016i
50	4228	20.5	+25 49	7.15	*8.22*	K2	5	..	38016i
51	4116	20.5	+24 52	8.0	*8.0*	Ao	7	..	38016i
52	4467	20.5	+ 7 33	7.90	*7.96*	A2	5	..	12063b
53	4522	20.5	+ 6 19	6.61	*6.61*	Ao	6	*1,9*	38113i
54	4888	20.5	− 3 7	6.10	*7.10*	Ko	8	..	14657b
55	5287	20.5	− 7 11	10.3	*11.3*	Ko	1	..	40591b
56	5286	20.5	− 7 16	9.6	*10.6*	Ko	1	..	40591b
57	5740	20.5	−14 36	9.0	*9.6*	Go	4	..	39502b
58	5663	20.5	−15 18	7.47	*8.54*	K2	7	..	39502b
59	5429	20.5	−22 46	8.6	9.6	Ko	3	..	40617b
60	*14796*	20.5	−26 57	8.1	8.9	Go	5	..	40897b
61	17584	20.5	−31 0	7.51	8.4	F8	6	..	40728b
62	14118	20.5	−35 44	9.4	10.4	Ko	1	..	40728b
63	13993	20.5	−43 44	10.6	10.8	F8	2	..	39677b
64	13563	20.5	−48 46	9.1	10.0	Ko	3	..	39666b
65	11691	20.5	−52 44	8.8	10.3	G5	1	..	42801b
66	3923	20.6	+37 52	9.1	*9.1*	A	2	..	37891i
67	3922	20.6	+37 15	8.2	*8.2*	Ao	4	..	37891i
68	4069	20.6	+31 53	8.7	*9.7*	Ko	1	..	37890i
69	3740	20.6	+28 13	8.0	*8.3*	F2	4	..	38510i
70	5359	20.6	− 8 3	8.8	*9.9*	K2	3	..	40591b
71	5665	20.6	−15 25	9.0	*10.0*	Ko	3	*5,2*	40587b
72	5601	20.6	−16 20	9.2	*10.0*	G5	3	..	40587b
73	5813	20.6	−19 28	7.64	7.8	F5	7	..	40587b
74	16237	20.6	−23 39	9.9	10.2	Go	1	..	40617b
75	14147	20.6	−36 4	8.0	9.2	K2	4	..	40857b
76	13800	20.6	−39 18	7.9	9.5	Ma	4	..	40857b
77	13802	20.6	−39 32	9.8	10.7	Go	2	..	39648b
78	7406	20.6	−60 19	9.0	9.7	Ko	1	..	42680b
79	3457	20.7	+44 22	8.0	*9.0*	Ko	4	..	37874i
80	4074	20.7	+38 39	8.1	*8.2*	A2	6	..	37891i
81	4010	20.7	+23 59	9.2	*9.2*	Ao	2	..	38016i
82	4289	20.7	+14 31	8.4	*9.4*	Ko	1	..	37908i
83	5330	20.7	−11 44	9.2	*10.4*	K5	1	..	40591b
84	5726	20.7	−12 19	9.8	*10.4*	Go	2	..	39502b
85	5670	20.7	−13 12	9.8	*10.2*	F5	3	..	21929b
86	*5742*	20.7	−13 52	8.4	*9.5*	K2	4	..	21929b
87	5741	20.7	−14 11	8.0	*8.3*	Fo	8	..	39502b
88	5681	20.7	−18 41	8.4	*9.4*	Ko	4	..	39412b
89	13746	20.7	−37 24	9.4	10.1	Go	1	..	40857b
90	*11692*	20.7	−51 59	8.2	9.4	Go	4	..	42801b
91	9392	20.7	−55 30	8.1	9.3	Ko	5	..	40950b
92	2146	20.7	−73 24	*8.7*	8.8	A3	4	..	42475b
93	1288	20.8	+66 50	9.6	*10.0*	F5	1	..	37333i
94	4007	20.8	+34 9	9.1	*9.1*	Ao	2	..	37891i
95	4203	20.8	+21 10	7.09	*7.07*	B9	7	..	38016i
96	4890	20.8	− 3 46	8.6	*9.7*	K2	1	..	14692b
97	5124	20.8	− 4 11	7.6	*8.0*	F5	7	*3,7*	14692b
98	5477	20.8	− 6 44	9.4	*10.4*	Ko	2	..	40591b
99	5332	20.8	−11 33	8.4	*8.5*	A2	5	..	40591b
100	5727	20.8	−12 32	8.2	*9.4*	K5	5	..	39502b

194500 — $20^h\ 20^m.8$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	17911	20.8	−30 51	9.2	9.8	F8	2	..	40897b
2	13818	20.8	−45 12	10.6	10.8	F5	3	..	39677b
3	13108	20.8	−49 5	9.3	10.0	Ko	2	..	39666b
4	12977	20.8	−50 10	10.1	10.9	Ko	2	..	39666b
5	*9393*	20.8	−54 55	8.8	9.9	G5	3	..	42801b
6	9498	20.8	−56 27	*9.5*	9.9	F5	3	..	42801b
7	3738	20.8	−67 21	*9.8*	9.9	A3	5	..	20427b
8	2788	20.8	−70 20	*9.2*	9.6	F5	2	..	20427b
9	4008	20.9	+34 20	9.0	*9.1*	A2	2	..	37891i
10	4231	20.9	+25 24	8.4	*9.2*	G5	3	..	38016i
11	*4047*	20.9	+23 7	8.0	*9.0*	Ko	3	..	38016i
12	4431	20.9	+ 8 32	8.3	*8.6*	Fo	4	..	12063b
13	5478	20.9	− 6 12	8.8	*9.4*	Go	5	..	40591b
14	5360	20.9	− 8 43	9.4	*10.4*	Ko	1	..	40591b
15	5975	20.9	−17 42	7.09	*7.65*	Go	8	..	40587b
16	13556	20.9	−46 15	10.6	11.3	K2	1	..	39666b
17	13109	20.9	−49 38	9.7	10.6	K2	3	..	39666b
18	12552	20.9	−51 45	9.7	10.0	G5	2	..	42801b
19	9394	20.9	−55 40	9.2	10.2	K5	1	..	42801b
20	3491	20.9	−66 11	*9.4*	9.4	Ao	4	..	20427b
21	*1624*	20.9	−74 58	8.95	10.2	K2	3	..	42793b
22	736	21.0	+75 55	9.6	*10.4*	G5	2	..	6443m
23	2698	21.0	+52 13	8.3	*8.3*	B9	3	..	37971i
24	4102	21.0	+35 27	8.7	*9.2*	F8	3	..	37891i
25	4023	21.0	+30 15	8.11	*8.89*	G5	2	..	38510i
26	4526	21.0	+ 9 45	6.46	*7.64*	K5	5	0,7	37908i
27	5719	21.0	−21 8	8.6	9.3	Go	6	..	40617b
28	13803	21.0	−39 51	7.88	8.2	A5	8	..	40857b
29	*14041*	21.0	−40 57	8.7	9.2	F5	6	..	39677b
30	13958	21.0	−44 32	10.6	10.8	F5	2	..	39677b
31	13411	21.0	−47 15	9.1	10.9	Ko	3	..	39666b
32	13568	21.0	−48 44	8.9	9.4	G5	4	..	39666b
33	*13110*	21.0	−48 56	8.3	9.4	K2	4	..	39666b
34	7754	21.0	−58 54	*9.2*	10.3	K2	1	..	39698b
35	6487	21.0	−61 48	8.8	9.4	F2	3	..	42680b
36	6161	21.0	−62 1	*9.0*	10.0	Ko	3	..	39282b
37	4047	21.0	−64 27	*8.7*	9.7	Ko	4	..	39282b
38	3371	21.0	−68 21	*8.6*	9.8	K5	2	..	20427b
39	4104	21.1	+35 39	8.8	*8.8*	B8	1	..	37891i
40	3894	21.1	+33 44	8.4	*8.5*	A2	3	..	37891i
41	*4075*	21.1	+32 9	7.8	*8.8*	Ko	3	..	37890i
42	4027	21.1	+29 26	9.0	*9.1*	A2	2	..	38510i
43	4406	21.1	+19 10	8.5	*9.7*	K5	2	..	38507i
44	4339	21.1	+ 3 52	9.1	*9.2*	A3	5	..	14670b
45	4284	21.1	+ 1 43	9.3	*9.3*	Ao	5	..	14670b
46	4892	21.1	− 3 49	9.2	*10.2*	Ko	1	..	14692b
47	5126	21.1	− 4 50	9.20	*9.70*	F8	4	..	40591b
48	5479	21.1	− 6 29	8.0	*8.1*	A2	8	..	40591b
49	5815	21.1	−19 10	9.1	8.7	A2	4	..	39412b
50	17913	21.1	−30 33	8.1	9.8	Ko	3	..	40897b
51	14895	21.1	−42 41	10.3	12.0	Ko	1	..	39677b
52	*14001*	21.1	−42 57	8.9	9.4	F8	5	..	39677b
53	13960	21.1	−44 5	10.3	10.8	Ko	3	..	39677b
54	13822	21.1	−45 48	9.5	10.8	K2	2	..	39666b
55	9396	21.1	−55 0	8.8	9.7	Go	3	..	42801b
56	2006	21.2	+61 16	9.1	*9.2*	A2	1	..	38795i
57	2222	21.2	+59 27	8.6	*9.1*	F8	3	..	38795i
58	4172	21.2	+39 50	6.85	*7.85*	Ko	4	0,2	37891i
59	4105	21.2	+35 55	8.2	*9.0*	G5	2	..	37891i
60	5481	21.2	− 6 1	9.8	*10.9*	K2	1	..	40591b
61	*5333*	21.2	−10 56	9.6	*10.4*	G5	1	..	39502b
62	5978	21.2	−17 1	9.6	*9.9*	Fo	2	..	40587b
63	R	21.2	−22 53	8.3	9.4	Go	3	..	40617b
64	16244	21.2	−23 47	10.2	9.3	A3	3	..	40617b
65	*14779*	21.2	−24 57	8.90	9.5	G5	3	..	40617b
66	14806	21.2	−27 46	8.7	9.5	Go	4	..	40897b
67	17591	21.2	−31 9	9.1	9.8	Go	3	..	40897b
68	14934	21.2	−33 51	9.4	9.8	Go	3	..	40728b
69	14042	21.2	−38 4	10.0	11.0	Go	1	..	40857b
70	*14003*	21.2	−42 57	8.1	8.7	F8	7	..	39677b
71	13962	21.2	−44 7	10.6	11.1	Go	2	..	39677b
72	11695	21.2	−52 44	8.6	8.9	F2	5	..	42801b
73	9691	21.2	−57 30	8.4	8.7	Ao	6	..	40950b
74	2148	21.2	−73 18	*7.8*	8.8	Ko	4	..	42475b
75	*2394*	21.3	+54 1	8.7	*8.7*	Ao	1	..	37971i
76	4174	21.3	+39 31	8.6	*8.6*	A	2	..	37891i
77	*4559*	21.3	+21 6	5.80	*6.80*	Ko	8	..	38016i
78	4390	21.3	+13 35	6.52	*7.70*	K5	5	..	37908i
79	4164	21.3	+ 2 38	6.64	*7.42*	G5	4	5,9	38030i
80	5290	21.3	− 7 20	9.2	*9.6*	F5	4	..	40591b
81	5604	21.3	−16 14	8.4	*9.2*	G5	7	..	40587b
82	5684	21.3	−18 6	8.6	*9.4*	G5	3	..	40587b
83	*5935*	21.3	−19 52	8.03	8.1	A5	5	..	40587b
84	5936	21.3	−20 11	9.2	9.4	G5	3	..	40587b
85	16041	21.3	−24 41	8.9	8.6	Go	5	..	40617b
86	16674	21.3	−28 50	9.5	9.5	G5	3	..	40897b
87	17081	21.3	−29 8	7.18	8.0	F5	9	..	40728b
88	17917	21.3	−30 2	9.9	10.4	Go	2	..	40897b
89	17919	21.3	−30 21	10.4	10.4	F8	2	..	40897b
90	15971	21.3	−32 39	8.4	9.3	Ko	2	..	40728b
91	13876	21.3	−40 20	10.0	10.4	F8	2	..	39648b
92	13570	21.3	−48 45	9.3	10.0	K2	3	..	39666b
93	2149	21.3	−73 10	*7.9*	8.7	G5	5	..	42475b
94	505	21.3	−85 25	*8.3*	9.4	K2	2	..	14161b
95	3897	21.4	+26 23	8.2	*8.6*	F5	3	..	38016i
96	*4125*	21.4	+25 2	8.21	*8.27*	A2	3	..	38016i
97	4293	21.4	+14 38	7.68	*8.86*	K5	2	..	37908i
98	4529	21.4	+ 9 9	8.5	*8.9*	F5	4	..	12063b
99	5362	21.4	− 8 13	8.6	*8.6*	Ao	7	..	40591b
100	5363	21.4	− 8 25	9.2	*9.6*	F5	4	..	40591b

194600 — 20h 21m.4

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5670	21.4	−15 6	8.0	*8.6*	Go	7	..	39502b
2	*5816*	21.4	−18 53	9.6	*10.1*	F8	2	..	40587b
3	5433	21.4	−22 18	8.4	9.3	A2	5	..	40617b
4	15023	21.4	−26 25	10.9	10.7	Ko	1	..	40897b
5	14808	21.4	−27 17	8.3	9.5	Ko	4	..	40897b
6	14044	21.4	−38 42	8.0	9.5	Ko	4	..	40857b
7	13965	21.4	−44 54	10.3	11.1	G5	3	..	39677b
8	13416	21.4	−47 17	9.7	9.9	A2	5	..	39666b
9	13111	21.4	−49 0	9.1	9.7	Fo	3	..	39666b
10	*6488*	21.4	−60 56	*9.3*	10.4	K2	2	..	39282b
11	4048	21.4	−64 34	*8.7*	9.1	F5	4	..	20427b
12	906	21.4	−81 37	5.76	7.2	K5	..	0,9	56,145
13	1621	21.5	+63 53	8.8	*8.8*	B9	2	..	37333i
14	3117	21.5	+48 23	7.8	*7.8*	B8	5	..	37874i
15	3897	21.5	+33 28	9.1	*9.1*	Ao	1	..	37890i
16	4408	21.5	+19 31	6.44	*7.44*	Ko	5	0,4	38016i
17	5269	21.5	− 5 17	9.4	*9.8*	F5	2	..	40591b
18	5466	21.5	− 9 41	9.8	*10.8*	Ko	2	..	40591b
19	5395	21.5	−10 11	9.6	*9.7*	A5	3	..	40591b
20	5979	21.5	−17 25	8.6	*9.8*	K5	3	..	40587b
21	*5817*	21.5	−18 51	9.0	*10.0*	Ko	3	..	40587b
22	*5938*	21.5	−19 55	10.0	10.5	F8	1	..	40587b
23	15026	21.5	−26 32	8.7	8.9	F2	6	..	40897b
24	14130	21.5	−35 43	9.4	10.1	Go	2	..	40728b
25	14154	21.5	−36 42	8.7	9.8	Fo	4	..	40857b
26	14045	21.5	−38 27	8.4	9.0	Fo	6	..	40857b
27	7755	21.5	−58 17	9.1	9.4	Go	3	..	39698b
28	818	21.5	−82 40	*9.7*	9.8	A5	2	..	21397b
29	858	21.6	+74 16	8.5	*9.1*	Go	2	..	37266i
30	4176	21.6	+39 42	8.0	*8.0*	Ao	2	..	38508i
31	4561	21.6	+20 16	7.80	*7.86*	A2	3	..	38016i
32	4289	21.6	+ 1 35	8.4	*9.6*	K5	5	..	14670b
33	5334	21.6	−11 3	9.6	*10.4*	G5	1	..	40591b
34	5672	21.6	−15 23	9.0	*10.0*	Ko	2	..	39502b
35	5980	21.6	−17 18	9.4	*10.0*	Go	2	..	40587b
36	5685	21.6	−18 32	5.20	*5.15*	B8	..	1,7 R	56,99
37	*5819*	21.6	−18 56	10.3	9.9	Go	2	..	40587b
38	5820	21.6	−19 20	10.0	10.2	Go	2	..	40587b
39	5818	21.6	−19 29	10.0	10.2	G5	1	..	40587b
40	17597	21.6	−31 11	6.71	7.3	Go	9	..	40728b
41	13967	21.6	−44 38	10.6	11.1	Go	2	..	39677b
42	13417	21.6	−47 14	9.7	9.9	F2	4	..	39666b
43	*11696*	21.6	−51 57	*9.8*	10.8	Ko	1	..	42801b
44	9499	21.6	−56 49	*8.9*	9.9	Ko	2	..	42801b
45	3739	21.6	−67 8	*10.4*	10.9	F8	2	..	20427b
46	2526	21.6	−72 11	*7.2*	7.2	Ao	9	..	42475b
47	1628	21.6	−75 23	*8.8*	9.6	G5	3	..	42793b
48	1858	21.7	+74 16	8.5	*9.3*	G5	4	..	6443m
49	4177	21.7	+39 54	9.3	*9.1*	B	2	..	1338f
50	4234	21.7	+25 43	8.6	*9.1*	F8	2	..	38016i
51	4017	21.7	+23 17	8.6	*9.7*	K2	1	..	38016i
52	5365	21.7	− 8 32	9.2	*10.4*	K5	2	..	40591b
53	5468	21.7	− 9 27	9.4	*9.4*	Ao	6	..	40591b
54	*5731*	21.7	−11 52	7.8	*8.1*	Fo	8	..	39502b
55	5732	21.7	−12 9	9.4	*10.5*	K2	2	..	39502b
56	5672	21.7	−13 49	9.2	*9.6*	F5	4	..	39502b
57	*5745*	21.7	−13 52	8.6	*9.6*	Ko	4	..	39502b
58	14785	21.7	−25 54	9.4	10.1	K2	1	..	40897b
59	17922	21.7	−30 20	10.2	10.4	Go	2	..	40897b
60	14048	21.7	−38 20	8.7	10.4	K2	2	..	40857b
61	9500	21.7	−56 7	*9.3*	10.5	K5	1	..	42801b
62	7618	21.7	−59 6	8.4	7.9	Ao	8	0,8	42680b
63	4049	21.7	−64 31	7.42	7.6	F5	9	..	20427b
64	1243	21.8	+67 10	9.6	*10.1*	F8	1	..	37333i
65	1290	21.8	+66 41	8.9	*9.4*	F8	7	..	37333i
66	2007	21.8	+61 58	8.5	*9.1*	Go	1	..	38795i
67	2391	21.8	+55 30	8.6	*8.6*	Ao	4	..	37971i
68	2397	21.8	+53 14	6.45	*6.43*	B9	9	..	37971i
69	3739	21.8	+41 51	7.8	*8.1*	F2	3	..	37874i
70	4178	21.8	+39 28	7.30	*7.28*	B9	4	..	37891i
71	4283	21.8	+10 55	9.1	*10.3*	K5	1	..	12063b
72	4531	21.8	+ 6 58	8.6	*9.8*	K5	1	..	12063b
73	*5733*	21.8	−11 57	9.6	*10.6*	Ko	2	..	39502b
74	5982	21.8	−17 23	9.2	*9.5*	F2	4	..	40587b
75	5434	21.8	−22 21	9.4	10.5	Ko	1	..	40617b
76	16682	21.8	−28 35	var.	var.	Md	..	R	M
77	17601	21.8	−31 34	7.9	9.5	G5	3	..	40728b
78	13829	21.8	−45 43	9.5	10.0	Ko	3	..	39666b
79	12559	21.8	−51 25	7.4	7.9	Fo	6	..	42801b
80	3121	21.8	−69 2	*8.3*	9.3	Ko	5	..	20427b
81	1099	21.9	+69 11	7.8	*7.9*	A3	8	..	37333i
82	3086	21.9	+50 59	7.8	*7.9*	A2	2	..	38477i
83	3084	21.9	+50 17	8.37	*8.43*	A2	1	..	38477i
84	3742	21.9	+41 35	6.92	*6.98*	A2	6	..	37874i
85	4180	21.9	+39 46	7.67	*8.45*	G5	2	..	38508i
86	4014	21.9	+34 28	9.2	*9.2*	A	1	..	38508i
87	..	21.9	+25 55	..	..	Mc	..	R	M
88	*4259*	21.9	+17 1	6.17	*7.17*	Ko	6	0,7	37908i
89	*4285*	21.9	+11 7	9.3	*9.3*	Ao	3	..	12063b
90	4341	21.9	+ 3 11	8.9	*9.5*	Go	2	..	14670b
91	4168	21.9	+ 2 57	9.5	*10.7*	K5	1	..	14670b
92	5279	21.9	− 2 30	8.0	*9.0*	Ko	6	..	14657b
93	4900	21.9	− 3 17	8.45	*9.45*	Ko	2	0,2	14657b
94	*5366*	21.9	− 7 57	8.8	*10.0*	K5	3	..	40591b
95	5749	21.9	−14 38	9.4	*10.2*	G5	3	..	39502b
96	17089	21.9	−29 42	7.38	8.6	Ko	8	..	40728b
97	14049	21.9	−41 9	10.4	11.8	K5	1	..	39677b
98	14010	21.9	−43 28	9.7	10.0	A2	4	..	39677b
99	13971	21.9	−44 31	10.3	10.8	F5	3	..	39677b
100	13830	21.9	−45 22	9.2	10.8	K5	3	..	39677b

194700 — $20^h\ 21^m.9$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13572	21.9	−48 46	9.5	9.4	F5	4	..	39666b
2	9397	21.9	−55 27	9.1	9.9	F2	3	..	42801b
3	9502	21.9	−56 11	*9.1*	10.2	K2	1	..	42801b
4	6162	21.9	−62 23	*9.3*	10.3	Ko	3	..	39282b
5	1444	21.9	−77 16	*8.6*	9.1	F8	5	..	42793b
6	697	21.9	−83 6	*9.4*	9.8	F5	3	..	21397b
7	1100	22.0	+69 49	8.8	*8.8*	Ao	3	..	37333i
8	3740	22.0	+42 17	6.79	*7.21*	F5	6	..	37874i
9	4065	22.0	+36 50	8.7	*9.8*	K2	2	..	38508i
10	5750	22.0	−14 44	10.0	*10.8*	G5	1	..	39502b
11	*15036*	22.0	−25 56	6.56	7.2	F8	10	..	40897b
12	14137	22.0	−35 39	10.2	11.0	Mb	..	..	M
13	*14051*	22.0	−37 57	9.1	8.9	Ao	5	..	40857b
14	13973	22.0	−44 22	10.6	11.1	Go	3	..	39677b
15	9700	22.0	−54 15	8.7	10.4	K2	1	..	42801b
16	9399	22.0	−55 25	9.1	9.9	F5	3	..	42801b
17	1317	22.0	−78 48	*8.5*	9.3	G5	4	..	42793b
18	1623	22.1	+63 52	8.1	*8.9*	G5	3	..	37333i
19	*2344*	22.1	+55 7	7.26	*7.26*	Ao	7	..	37971i
20	4183	22.1	+39 44	9.6	*9.6*	Ao	1	..	38508i
21	4016	22.1	+34 53	9.1	*9.1*	A	1	..	37891i
22	4331	22.1	+12 9	8.5	*8.5*	Ao	3	..	37908i
23	4006	22.1	− 0 17	8.9	*9.0*	A5	3	..	14657b
24	4007	22.1	− 0 24	9.1	*9.2*	A2	3	..	14692b
25	5734	22.1	−12 24	9.4	*10.4*	Ko	2	..	39502b
26	17929	22.1	−30 12	9.7	9.8	Ao	4	..	40897b
27	14161	22.1	−36 31	7.6	8.9	Ko	7	..	40857b
28	14052	22.1	−38 50	8.1	10.1	K2	4	..	40857b
29	14051	22.1	−41 11	10.7	10.9	Ko	3	..	39677b
30	14908	22.1	−42 28	9.3	10.4	Go	4	..	39677b
31	13567	22.1	−46 48	10.3	10.8	F8	2	..	39666b
32	12989	22.1	−50 33	10.3	10.3	Go	2	..	42801b
33	*7756*	22.1	−57 58	*8.8*	9.4	Go	4	..	39698b
34	R	22.1	−59 19	..	..	Go	1	..	39698b
35	R	22.1	−60 7	..	..	K2	1	..	39698b
36	737	22.2	+75 47	9.02	*9.02*	Ao	3	..	6443m
37	2346	22.2	+54 41	7.46	*8.53*	K2	3	..	37971i
38	4113	22.2	+35 30	7.62	*8.04*	F5	4	..	37891i
39	4440	22.2	+ 8 45	7.9	*7.8*	B5	8	..	12063b
40	4473	22.2	+ 7 33	9.1	*10.2*	K2	1	..	12063b
41	5485	22.2	− 6 1	9.4	*10.4*	Ko	1	..	40591b
42	5751	22.2	−14 27	9.8	*9.9*	A3	2	..	39502b
43	5686	22.2	−18 23	9.0	*10.0*	Ko	3	..	40587b
44	5941	22.2	−20 38	8.6	9.0	A5	6	..	40587b
45	5435	22.2	−22 21	8.0	8.1	Ao	7	..	40617b
46	14792	22.2	−25 25	9.7	9.8	Ko	4	..	40897b
47	14406	22.2	−34 44	6.83	8.5	Ko	8	..	40857b
48	14164	22.2	−36 42	9.4	9.8	F8	3	..	40857b
49	14053	22.2	−41 46	9.4	10.4	Ko	3	..	39677b
50	14014	22.2	−43 34	9.0	8.7	Ao	7	..	39677b
51	13835	22.2	−45 27	11.6	11.1	Ao	2	..	39677b
52	*13570*	22.2	−45 57	10.1	10.8	K2	3	..	39666b
53	12991	22.2	−50 6	7.9	8.5	Ao	7	..	39666b
54	9505	22.2	−56 25	*9.7*	10.2	F8	2	..	42801b
55	4587	22.2	−63 39	*8.9*	9.4	F8	3	..	39282b
56	1631	22.2	−75 7	*8.3*	9.3	Ko	3	..	42793b
57	1440	22.3	+64 23	9.1	*9.1*	Ao	2	..	37333i
58	2008	22.3	+61 11	9.1	*9.7*	Go	1	..	38795i
59	*2191*	22.3	+58 4	8.1	*9.2*	K2	3	..	38795i
60	4115	22.3	+35 28	8.6	*8.6*	Ao	3	..	37891i
61	*4290*	22.3	+11 3	8.9	*9.3*	F5	5	..	12063b
62	4534	22.3	+ 9 59	8.92	*9.34*	F5	2	..	12063b
63	4508	22.3	+ 0 32	8.6	*8.7*	A5	3	..	14692b
64	3982	22.3	− 1 53	7.03	*7.59*	Go	8	R	14657b
65	5283	22.3	− 2 26	6.64	*7.20*	F8	7	R	14692b
66	5282	22.3	− 2 27	8.0	*8.5*	F8			
67	4901	22.3	− 3 43	8.5	*9.6*	K2	2	..	14692b
68	16259	22.3	−23 21	7.9	9.4	K5	4	..	40617b
69	16052	22.3	−24 3	8.5	9.5	Ko	2	..	40617b
70	14819	22.3	−27 36	8.1	9.5	K2	3	..	40897b
71	14141	22.3	−35 1	10.0	9.9	A2	3	..	40857b
72	13762	22.3	−37 11	7.80	9.2	Ko	5	..	40857b
73	13838	22.3	−45 17	11.0	10.8	A2	3	..	39677b
74	9702	22.3	−54 54	9.46	10.2	Ko	1	..	42801b
75	7757	22.3	−58 1	8.6	8.8	Ao	4	..	40950b
76	4051	22.3	−64 52	*9.2*	10.2	Ko	4	..	39282b
77	1912	22.3	−74 53	*9.6*	9.6	Ao	3	..	42793b
78	1632	22.3	−75 6	*8.8*	9.4	Go	3	..	42793b
79	*4164*	22.4	+41 1	7.66	*7.42*	B	3	R	37902i
80	4237	22.4	+25 10	8.01	*8.07*	A2	4	..	38016i
81	4009	22.4	− 0 15	8.7	*9.7*	Ko	1	..	14692b
82	14144	22.4	−35 42	9.0	8.9	A2	6	..	40857b
83	*14166*	22.4	−35 55	6.22	*6.22*	Ao	8	0,9	43321b
84	13573	22.4	−48 26	9.3	10.0	Ko	3	..	39666b
85	11698	22.4	−52 6	9.2	10.3	G5	1	..	42801b
86	2224	22.5	+59 58	8.1	*8.1*	Ao	3	..	38795i
87	2705	22.5	+52 33	8.3	*8.3*	Ao	4	..	37971i
88	3601	22.5	+43 39	8.5	*8.8*	Fo	2	..	37874i
89	*4186*	22.5	+40 5	6.59	*6.54*	B8	8	1,7	37874i
90	4081	22.5	+38 32	7.9	*8.0*	A2	3	..	37891i
91	4068	22.5	+36 52	8.5	*8.5*	Ao	2	..	38508i
92	4118	22.5	+35 52	8.4	*9.2*	G5	2	..	37891i
93	4536	22.5	+ 9 39	9.1	*10.2*	K2	1	..	12063b
94	*5487*	22.5	− 5 59	7.13	*8.48*	Mb	8	..	40591b
95	5301	22.5	− 7 0	7.8	*7.9*	A3	8	..	40591b
96	5470	22.5	− 9 48	10.5	*11.5*	Ko	2	..	40591b
97	5397	22.5	−10 28	9.2	*10.2*	Ko	2	..	40591b
98	5753	22.5	−14 19	7.8	*7.9*	A2	9	..	39502b
99	5942	22.5	−20 41	9.0	9.9	Ko	3	..	40587b
100	15983	22.5	−32 33	9.0	9.8	G5	1	..	40728b

194800 — $20^h\ 22^m.5$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14056	22.5	−41 31	10.4	10.9	Ko	3	..	39677b
2	13840	22.5	−45 43	8.5	8.4	A2	8	..	39666b
3	12995	22.5	−50 12	10.1	10.6	A2	1	..	39666b
4	R	22.5	−59 21	..	..	K2	1	..	39698b
5	3733	22.6	+27 44	8.8	*8.8*	Ao	1	..	38510i
6	4499	22.6	+18 48	8.1	*9.1*	Ko	1	..	38507i
7	*5488*	22.6	− 5 51	8.7	*8.7*	Ao	6	..	40591b
8	*5677*	22.6	−14 57	10.3	*10.4*	A3	2	..	39502b
9	5687	22.6	−18 45	9.2	*10.4*	K5	1	..	40587b
10	16056	22.6	−24 29	6.94	8.0	Go	8	..	40617b
11	15040	22.6	−26 14	9.4	9.5	F8	5	..	40897b
12	15041	22.6	−26 36	9.7	9.8	G5	2	..	40897b
13	14957	22.6	−33 33	9.4	10.4	K2	1	..	40728b
14	13888	22.6	−40 45	var.	var.	Md	..	R	M
15	14018	22.6	−43 16	9.3	10.0	G5	4	..	39677b
16	13572	22.6	−46 14	10.3	10.2	F8	5	..	39666b
17	6163	22.6	−62 35	*8.3*	9.4	K2	3	..	42680b
18	*2347*	22.7	+55 6	8.26	*9.33*	K2	1	..	37971i
19	*3463*	22.7	+45 4	8.62	*8.62*	Ao	2	..	37874i
20	4025	22.7	+34 43	8.4	*8.4*	Ao	2	..	37891i
21	4500	22.7	+18 30	8.3	*9.3*	Ko	1	..	38507i
22	4262	22.7	+16 23	7.9	*8.0*	A2	4	0,4	38507i
23	4341	22.7	+12 29	7.9	*8.9*	Ko	3	..	12063b
24	4449	22.7	+ 4 21	8.9	*10.0*	K2	3	..	14203b
25	5275	22.7	− 5 24	8.0	*9.0*	Ko	6	..	40591b
26	5339	22.7	−11 15	8.8	*9.3*	F8	4	..	40591b
27	5754	22.7	−14 7	9.0	*9.6*	Go	4	..	39502b
28	5987	22.7	−17 39	8.7	*9.7*	Ko	5	..	40587b
29	5688	22.7	−18 19	9.1	*9.2*	A2	4	..	40587b
30	*5723*	22.7	−20 54	9.0	9.3	A3	5	..	40587b
31	5724	22.7	−21 27	9.1	9.4	F2	4	..	40617b
32	15987	22.7	−32 26	9.4	10.4	K	2	..	40897b
33	14057	22.7	−38 44	8.7	10.7	K5	2	..	40857b
34	13573	22.7	−46 29	7.9	7.8	Ao	9	..	39666b
35	2558	22.7	−71 39	*8.4*	9.5	K2	4	..	42475b
36	461	22.8	+84 47	8.7	*9.7*	Ko	3	..	37294i
37	2108	22.8	+58 51	8.3	*8.3*	Ao	2	..	38795i
38	3107	22.8	+47 37	8.1	*8.1*	Ao	5	..	37874i
39	*4165*	22.8	+41 3	7.45	*7.21*	B	3	R	37874i
40	4072	22.8	+36 16	8.2	*8.2*	Ao	3	..	38508i
41	4571	22.8	+20 9	6.64	*7.64*	Ko	5	..	38016i
42	4537	22.8	+ 9 54	10.5	*11.0*	F8	1	..	12063b
43	4451	22.8	+ 4 56	8.95	*9.95*	Ko	2	..	14203b
44	4010	22.8	− 0 29	8.5	*9.7*	K5	1	..	14692b
45	5276	22.8	− 5 4	9.2	*10.2*	Ko	1	..	40591b
46	5303	22.8	− 7 48	8.6	*9.4*	G5	6	..	40591b
47	5677	22.8	−13 29	9.2	*9.7*	F8	6	..	39502b
48	16058	22.8	−24 19	6.88	8.3	Ko	8	..	40617b
49	15045	22.8	−26 9	10.9	10.7	Ko	1	..	40897b
50	14830	22.8	−27 6	10.4	9.2	F2	3	..	40897b
51	14958	22.8	−33 28	8.4	9.2	G5	5	..	40728b
52	14959	22.8	−33 47	9.0	9.9	K2	1	..	40728b
53	14915	22.8	−42 11	9.7	10.9	Go	2	..	39677b
54	13980	22.8	−44 19	11.0	11.3	Ko	2	..	39677b
55	13842	22.8	−45 28	9.9	10.2	Go	2	..	39666b
56	13576	22.8	−48 19	9.5	9.4	F8	4	..	39666b
57	9401	22.8	−55 19	9.3	9.9	Go	2	..	42801b
58	4588	22.8	−63 40	*9.1*	9.4	F2	4	..	39282b
59	*3122*	22.8	−68 56	*8.8*	9.8	Ko	3	..	20427b
60	652	22.9	+80 50	8.6	*9.6*	Ko	1	..	37294i
61	*2227*	22.9	+60 1	8.11	*8.11*	Ao	5	..	38795i
62	*3464*	22.9	+45 5	8.12	*9.12*	K	1	..	37874i
63	*4038*	22.9	+30 3	7.21	*7.21*	Ao	7	..	38510i
64	4414	22.9	+19 45	7.9	*7.9*	Ao	3	..	38016i
65	4501	22.9	+18 38	8.4	*9.6*	K5	1	..	38507i
66	4295	22.9	+10 52	9.1	*10.1*	Ko	1	..	12063b
67	5277	22.9	− 5 49	9.4	*10.6*	K5	1	..	40591b
68	5399	22.9	−10 15	9.2	*10.2*	Ko	2	..	40591b
69	5678	22.9	−13 29	9.2	*9.7*	F8	7	..	39502b
70	5679	22.9	−15 2	9.0	*10.0*	Ko	2	..	39502b
71	5678	22.9	−15 7	9.6	*9.6*	A	3	..	39502b
72	5945	22.9	−20 1	8.93	9.9	G5	3	..	40587b
73	5726	22.9	−21 48	9.8	10.5	K2	1	..	40617b
74	5437	22.9	−22 38	9.8	10.2	Go	1	..	40617b
75	15049	22.9	−26 30	9.7	9.9	Ko	3	..	40897b
76	14061	22.9	−41 44	7.6	7.9	Fo	8	..	39677b
77	13574	22.9	−46 15	10.3	10.0	Fo	5	..	39666b
78	12569	22.9	−51 40	9.9	10.6	K2	1	..	42801b
79	11701	22.9	−52 5	9.2	10.3	Go	1	..	42801b
80	9703	22.9	−54 8	*9.7*	10.2	F8	1	..	42801b
81	3492	22.9	−66 9	*7.4*	7.8	F5	9	..	20427b
82	2228	23.0	+59 17	6.48	*6.48*	Ao	8	..	38795i
83	2348	23.0	+54 22	7.24	*7.07*	B3	6	..	37971i
84	2711	23.0	+52 48	8.0	*9.0*	Ko	2	..	37971i
85	4192	23.0	+39 10	7.16	*7.16*	Ao	3	..	38508i
86	4087	23.0	+38 42	9.2	*9.3*	A2	1	..	38508i
87	*3934*	23.0	+38 6	9.3	*9.4*	A2	2	..	38508i
88	4134	23.0	+24 23	8.4	*8.8*	F5	3	..	38016i
89	4538	23.0	+ 6 34	7.9	*8.9*	Ko	5	..	12063b
90	*4343*	23.0	+ 4 7	9.1	*9.2*	A5	4	..	14203b
91	5278	23.0	− 5 12	8.8	*9.8*	Ko	3	..	40591b
92	5474	23.0	− 9 2	9.2	*10.2*	Ko	2	..	40591b
93	5756	23.0	−14 39	9.6	*9.7*	A5	3	..	39502b
94	5439	23.0	−22 40	9.4	9.3	Ao	4	..	40617b
95	14832	23.0	−27 11	10.4	9.8	G5	1	..	40897b
96	16695	23.0	−28 4	10.9	10.4	A2	1	..	40897b
97	17103	23.0	−29 43	9.5	9.8	G5	3	..	40897b
98	14410	23.0	−34 26	8.0	9.5	Ko	4	..	40857b
99	13767	23.0	−37 50	9.3	10.1	Go	2	..	40857b
100	14919	23.0	−42 12	10.1	11.3	F5	1	..	39677b

194900 — $20^h\ 23^m.0$

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	14920	23.0	−42 51	9.7	11.3	A3	1	..	39677b	51	*3910*	23.3	+34 0	6.41	*6.69*	Fo	8	..	37891i
2	12570	23.0	−51 12	9.7	10.3	Go	2	..	42801b	52	4344	23.3	+12 28	8.5	*9.0*	F8	3	..	12063b
3	1319	23.0	−78 31	*9.1*	10.3	K5	1	..	19964b	53	4175	23.3	+ 2 36	6.35	*7.35*	Ko	6	..	38030i
4	950	23.1	+72 54	8.3	*8.4*	A5	5	2,3-	6443m	54	*5492*	23.3	− 5 53	9.2	*10.2*	Ko	3	..	40591b
5	1118	23.1	+70 45	7.9	*8.9*	Ko	1	..	37333i	55	*5493*	23.3	− 5 58	9.2	*9.5*	Fo	7	..	40591b
6	2417	23.1	+56 55	8.6	*8.6*	Ao	2	..	38795i	56	5400	23.3	−10 3	9.4	*10.2*	G5	2	..	40591b
7	2349	23.1	+54 49	7.91	*7.91*	Ao	4	..	37971i	57	5343	23.3	−11 33	8.6	*9.7*	K2	3	..	40591b
8	*4193*	23.1	+40 1	7.52	*7.50*	B9	3	0,3	37902i	58	5739	23.3	−12 3	7.27	*7.61*	F2	9	..	39502b
9	*4088*	23.1	+39 8	8.0	*8.0*	Ao	5	..	37891i	59	5992	23.3	−17 46	6.78	*7.34*	Go	..	0,4	**56**,145
10	3935	23.1	+37 17	9.1	*9.2*	A3	2	..	38508i	60	5691	23.3	−18 12	6.69	*7.69*	Ko	..	5,3	**56**,145
11	4023	23.1	+23 28	6.84	*6.90*	A2	7	..	38016i	61	5946	23.3	−20 3	10.0	10.2	G5	1	..	40587b
12	4022	23.1	+23 20	9.0	*10.1*	K2	1	..	38016i	62	14806	23.3	−25 29	10.2	10.1	Ko	2	..	40897b
13	4415	23.1	+19 18	8.1	*9.1*	Ko	3	..	38507i	63	15056	23.3	−26 55	8.7	8.6	Ao	7	..	40897b
14	*4400*	23.1	+14 8	7.7	*7.7*	Ao	5	..	37908i	64	13821	23.3	−39 47	9.0	10.1	G5	3	..	40857b
15	*4444*	23.1	+ 9 2	8.6	*8.9*	Fo	4	..	12063b	65	13894	23.3	−40 42	9.3	9.8	Fo	5	..	39677b
16	5473	23.1	− 9 42	7.08	*7.86*	G5	8	..	40591b	66	14923	23.3	−42 50	10.1	12.0	K5	1	..	39677b
17	5738	23.1	−12 7	7.38	*8.56*	K5	7	..	39502b	67	13986	23.3	−44 50	8.81	10.0	Ko	3	..	39666b
18	5609	23.1	−16 4	6.45	*7.45*	Ko	9	..	39502b	68	13580	23.3	−46 33	9.7	10.8	Ma	2	..	39666b
19	5608	23.1	−16 50	9.8	*10.6*	G5	3	..	40587b	69	13005	23.3	−50 11	10.1	10.6	F8	1	..	39666b
20	5989	23.1	−17 49	9.6	*10.1*	F8	2	..	40587b	70	9889	23.3	−53 8	7.5	9.3	K2	4	..	42801b
21	5728	23.1	−21 45	10.0	10.5	Fo	2	..	40617b	71	4054	23.3	−64 23	*9.4*	9.5	A5	4	..	39282b
22	5728	23.1	−21 45	10.0	10.5	Fo	2	..	40617b	72	3374	23.3	−68 42	*7.5*	7.5	Ao	10	..	20427b
23	*16061*	23.1	−23 59	9.7	9.5	F5	2	..	40617b	73	1636	23.3	−75 30	*8.8*	10.2	Ma	2	..	42793b
24	17104	23.1	−29 10	9.7	10.3	F2	2	..	40897b	74	2112	23.4	+58 59	8.9	*9.2*	F	1	..	38795i
25	17941	23.1	−30 16	9.2	10.3	F8	2	..	40897b	75	*4298*	23.4	+ 2 3	8.7	*9.0*	Fo	3	..	14203b
26	13575	23.1	−46 9	10.6	11.1	K2	1	..	39666b	76	5147	23.4	− 4 45	7.80	*8.30*	F8	6	..	14692b
27	13120	23.1	−49 46	8.86	9.1	A2	5	..	39666b	77	*5304*	23.4	− 6 53	9.2	*9.5*	Fo	3	..	40591b
28	9888	23.1	−53 54	9.3	10.2	F8	2	..	42801b	78	*5477*	23.4	− 8 57	9.2	*10.3*	K2	2	..	40591b
29	3372	23.1	−68 22	*9.5*	9.8	F2	2	..	20427b	79	5683	23.4	−15 23	8.4	*9.4*	Ko	2	..	39502b
30	3373	23.1	−68 54	*9.3*	9.8	F8	2	..	20427b	80	5610	23.4	−16 18	9.2	*9.8*	Go	4	..	40587b
31	949	23.2	+72 50	8.0	*8.3*	Fo	6	5,4	6443m	81	17944	23.4	−30 43	8.5	9.8	Fo	3	..	40897b
32	2125	23.2	+60 59	7.9	*8.0*	A2	3	1,4	38795i	82	14960	23.4	−33 21	8.0	8.0	Ao	8	..	40728b
33	2231	23.2	+59 41	7.26	*7.32*	A2	7	..	38795i	83	14063	23.4	−41 40	8.7	10.4	K2	4	..	39677b
34	4214	23.2	+21 55	7.8	*9.0*	K5	1	..	38016i	84	13582	23.4	−46 47	10.1	9.9	F2	5	..	39666b
35	4304	23.2	+14 38	7.9	*7.9*	Ao	4	..	37908i	85	9890	23.4	−53 12	9.0	9.9	F2	4	..	42801b
36	4541	23.2	+ 9 37	9.1	*9.2*	A2	3	..	12063b	86	6164	23.4	−62 52	*9.9*	10.3	F5	2	..	39282b
37	*4477*	23.2	+ 8 7	6.26	*7.26*	Ko	8	..	12063b	87	2531	23.4	−72 42	*8.6*	9.7	K2	2	..	42475b
38	4296	23.2	+ 1 46	8.7	*8.7*	B9	5	..	14203b	88	4092	23.5	+38 33	8.5	*9.6*	K2	1	..	38508i
39	4906	23.2	− 3 41	6.03	*6.01*	B9	8	..	8604b	89	4247	23.5	+25 49	7.8	*7.9*	A3	7	..	38016i
40	*5145*	23.2	− 3 53	8.6	*9.6*	Ko	2	..	14692b	90	4515	23.5	+ 0 33	7.23	*7.18*	B8	7	2,4	14203b
41	5146	23.2	− 4 0	8.6	*9.1*	F8	2	..	14692b	91	5495	23.5	− 6 41	10.0	*10.8*	G5	1	..	40591b
42	5341	23.2	−11 24	8.2	*8.2*	Ao	6	..	40591b	92	5305	23.5	− 7 13	10.3	*11.1*	G5	1	..	40591b
43	5689	23.2	−18 9	4.96	*5.24*	Fo	..	2,7 R	**56**,99	93	*5370*	23.5	− 7 56	9.4	*10.4*	Ko	2	..	40591b
44	5729	23.2	−21 14	6.79	7.2	Ao	10	..	40617b	94	5948	23.5	−20 38	10.0	9.9	A2	3	..	40587b
45	*13823*	23.2	−38 58	8.7	10.1	Ko	3	..	40857b	95	14837	23.5	−27 6	8.9	9.2	Go	4	..	40897b
46	14922	23.2	−42 48	10.3	11.5	A2	1	..	39677b	96	16702	23.5	−28 18	9.4	10.1	G5	2	..	40897b
47	13985	23.2	−44 25	10.6	11.5	Ko	1	..	39677b	97	17621	23.5	−31 34	9.2	9.8	F5	2	..	40897b
48	*13579*	23.2	−45 58	10.1	10.7	Fo	2	..	39666b	98	14158	23.5	−35 4	10.0	9.8	F8	3	..	40857b
49	13421	23.2	−47 14	9.9	10.8	A5	1	..	39666b	99	13899	23.5	−40 34	10.0	9.8	F8	4	..	39677b
50	13121	23.2	−49 23	10.6	10.6	Go	2	..	39666b	100	13990	23.5	−44 47	8.96	9.9	Go	4	..	39666b

195000 $20^h\ 23^m.5$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13125	23.5	−49 43	9.2	9.4	A2	4	..	39666b
2	3375	23.5	−68 21	10.0	11.0	Ko	1	..	20427b
3	2397	23.6	+55 57	8.7	*8.7*	Ao	3	..	37971i
4	4015	23.6	− 0 27	8.9	*9.4*	F8	3	..	14692b
5	5286	23.6	− 2 4	6.85	*7.41*	Go	8	..	14657b
6	5442	23.6	−22 43	6.22	7.8	K5	8	..	40617b
7	14838	23.6	−27 39	8.1	8.3	Fo	7	..	40897b
8	17110	23.6	−29 21	8.9	9.8	Ko	4	..	40897b
9	14963	23.6	−33 40	9.0	9.9	Ko	1	..	40728b
10	13827	23.6	−39 47	9.0	9.5	Go	4	..	40857b
11	13856	23.6	−45 0	11.0	11.1	F8	2	..	39677b
12	6165	23.6	−62 53	*8.7*	8.8	A3	3	..	42680b
13	2234	23.7	+59 51	7.36	*7.44*	A3	6	..	38795i
14	3095	23.7	+50 47	7.50	*7.56*	A2	3	..	38477i
15	3609	23.7	+43 45	8.2	*8.2*	Ao	2	..	38477i
16	4196	23.7	+39 24	7.7	*8.3*	Go	3	..	37891i
17	*4580*	23.7	+21 3	8.7	*9.8*	K2	1	..	38507i
18	4417	23.7	+19 25	7.9	*8.2*	Fo	2	..	38016i
19	4505	23.7	+18 28	6.85	*7.63*	G5	6	..	38507i
20	4273	23.7	+11 23	7.9	*8.0*	A3	4	..	37908i
21	4479	23.7	+ 7 56	7.7	*8.8*	K2	5	..	12063b
22	*4346*	23.7	+ 4 1	9.5	*9.8*	F2	2	..	14203b
23	5307	23.7	− 7 21	8.6	*9.6*	Ko	4	..	40591b
24	5306	23.7	− 7 50	9.1	*10.1*	Ko	3	..	40591b
25	5734	23.7	−21 5	10.0	9.7	A3	2	..	40587b
26	14161	23.7	−35 2	9.0	9.5	F5	4	..	40857b
27	14067	23.7	−38 8	8.4	11.3	K5	2	..	40857b
28	13830	23.7	−39 33	9.4	10.7	Ko	2	..	39648b
29	*13583*	23.7	−45 55	9.7	10.2	K2	3	..	39666b
30	13583	23.7	−48 33	9.7	10.6	G	2	..	39666b
31	3493	23.7	−66 21	*9.4*	10.6	K5	2	..	39282b
32	2011	23.8	+61 50	9.1	*9.6*	F8	1	..	38795i
33	3752	23.8	+42 50	7.50	*7.48*	B9	4	..	37874i
34	4221	23.8	+21 49	7.18	*7.96*	G5	5	..	38016i
35	*4507*	23.8	+19 6	8.9	*10.0*	K2	1	..	38507i
36	4446	23.8	+ 8 53	8.7	*9.0*	F2	3	..	12063b
37	*4520*	23.8	+ 6 3	8.6	*9.6*	Ko	1	..	14203b
38	3984	23.8	− 1 11	7.7	*8.7*	Ko	4	..	14692b
39	5344	23.8	−11 15	9.2	*10.4*	K5	1	..	40591b
40	5735	23.8	−21 27	8.8	9.6	Ko	3	..	40617b
41	16281	23.8	−23 10	7.7	8.5	Ko	6	..	40617b
42	14814	23.8	−25 47	9.2	9.5	Ko	4	..	40897b
43	R	23.8	−59 41	..	..	Ko	1	..	39698b
44	7408	23.8	−60 22	9.2	10.3	Ma	3	..	39698b
45	968	23.8	−80 7	*9.7*	10.3	G	1	..	21397b
46	2420	23.9	+56 56	8.3	*8.3*	Ao	2	..	38795i
47	3112	23.9	+47 35	7.9	*8.7*	G5	2	..	37874i
48	3184	23.9	+45 58	8.8	*8.8*	Ao	1	..	38477i
49	3186	23.9	+45 10	8.42	*8.42*	Ao	1	..	38477i
50	*3941*	23.9	+38 7	5.45	*5.45*	Ao	10	..	37891i
51	4044	23.9	+29 48	8.2	*8.2*	Ao	3	..	38510i
52	4584	23.9	+20 11	7.89	*8.39*	F8	3	..	38507i
53	4419	23.9	+19 47	6.82	*6.82*	Ao	7	..	38016i
54	4296	23.9	+10 39	7.9	*7.9*	Ao	4	..	13875b
55	4177	23.9	+ 2 57	8.9	*8.9*	Ao	3	..	14203b
56	5496	23.9	− 6 39	10.0	*10.6*	Go	4	..	40591b
57	5371	23.9	− 8 21	9.1	*9.9*	G5	3	..	40591b
58	5372	23.9	− 8 37	8.6	*8.7*	A3	6	..	40591b
59	5404	23.9	−10 30	9.8	*10.6*	G5	1	..	40591b
60	5994	23.9	−17 44	9.2	*9.3*	A3	5	..	40587b
61	5692	23.9	−18 33	9.8	*9.8*	Ao	3	..	40587b
62	*16283*	23.9	−22 59	9.9	9.4	Ao	4	..	40617b
63	15063	23.9	−26 6	9.1	9.5	Go	5	..	40897b
64	13584	23.9	−46 4	9.7	10.8	K5	1	..	39666b
65	1442	24.0	+64 15	10.0	*10.0*	A	2	..	37333i
66	2421	24.0	+56 19	6.21	*6.21*	Ao	8	..	37971i
67	2717	24.0	+52 28	8.1	*9.2*	K2	1	..	37971i
68	*3128*	24.0	+49 3	5.72	*6.00*	Fo	..	R	56,99
69		24.0	+49 3			Ao			38477i
70	4084	24.0	+36 10	9.0	*9.3*	F2	1	..	38508i
71	*3905*	24.0	+27 5	8.8	*8.8*	Ao	3	..	38510i
72	4141	24.0	+24 45	8.6	*8.6*	Ao	3	..	38016i
73	4276	24.0	+11 45	9.0	*10.4*	Ma	1	..	12063b
74	5479	24.0	− 9 25	9.2	*9.3*	A2	4	..	40591b
75	*5680*	24.0	−12 55	7.50	*8.50*	Ko	8	..	39502b
76	5829	24.0	−19 25	8.49	8.7	Fo	6	..	40587b
77	5736	24.0	−21 31	9.4	10.2	Ko	1	..	40617b
78	14817	24.0	−25 6	10.2	10.1	G5	1	..	40897b
79	15064	24.0	−26 42	8.7	9.8	Ko	3	..	40897b
80	13772	24.0	−37 23	8.7	9.8	G5	3	..	40857b
81	13771	24.0	−37 29	8.4	9.8	Ko	2	..	40857b
82	13859	24.0	−45 48	9.9	10.8	G5	1	..	39666b
83	13586	24.0	−48 5	10.1	10.6	F8	2	..	39666b
84	6489	24.0	−61 23	9.2	10.0	Ko	1	..	19897b
85	4056	24.0	−64 22	*8.1*	8.2	A2	7	..	20427b
86	1420	24.0	−76 35	*9.8*	10.2	F5	2	..	19964b
87	2012	24.1	+61 15	8.3	*8.9*	Go	3	*2,4*	38795i
88	2399	24.1	+55 59	9.3	*9.4*	A2	1	..	37971i
89	3758	24.1	+41 42	7.24	*7.07*	B3	6	..	37874i
90	4543	24.1	+ 6 50	8.5	*9.1*	Go	2	..	12063b
91	5308	24.1	− 7 18	9.8	*10.3*	F8	2	..	40591b
92	5742	24.1	−12 5	9.4	*10.4*	Ko	1	..	39502b
93	*5830*	24.1	−18 55	6.64	*6.72*	A3	..	*1,4* R	56,145
94	*5831*	24.1	−18 55	6.10	*6.16*	A2	..	0,7 R	
95	*5949*	24.1	−19 53	9.6	10.5	Ko	1	..	40587b
96	16285	24.1	−23 33	9.7	9.3	Fo	3	..	40617b
97	13833	24.1	−39 37	9.3	10.7	K5	2	..	40857b
98	*14026*	24.1	−42 57	9.7	10.4	F8	3	..	39677b
99	14025	24.1	−43 9	9.3	9.6	A5	6	..	39677b
100	3754	24.2	+42 44	7.54	*8.54*	Ko	2	..	37874i

195100 — $20^h\ 24^m.2$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4086	24.2	+36 32	9.2	*9.2*	Ao	1	..	38508i
2	3914	24.2	+33 33	6.88	*6.86*	B9	7	1,8	37891i
3	*4546*	24.2	+10 0	7.97	*9.15*	K5	4	..	12063b
4	*4348*	24.2	+ 4 7	7.7	*8.2*	F8	5	..	38030i
5	5405	24.2	−10 20	8.6	*9.4*	G5	5	..	40591b
6	5737	24.2	−21 35	9.2	10.2	Ko	2	..	40617b
7	5446	24.2	−22 9	9.8	10.2	Ko	1	..	40617b
8	5447	24.2	−22 51	9.0	9.4	Ko	4	..	40617b
9	14972	24.2	−33 29	9.0	9.8	K2	2	..	40728b
10	14424	24.2	−34 39	8.7	8.9	Fo	5	..	40857b
11	14072	24.2	−38 4	8.0	8.6	Fo	8	..	40857b
12	14071	24.2	−38 55	9.0	8.9	B9	7	..	40857b
13	13835	24.2	−39 45	10.4	10.4	F8	3	..	40857b
14	14933	24.2	−42 33	10.1	10.4	A2	3	..	39677b
15	13588	24.2	−48 26	9.7	9.1	F2	4	..	39666b
16	13017	24.2	−50 32	9.3	10.0	Go	3	..	42801b
17	9408	24.2	−55 19	9.3	9.9	F2	3	..	42801b
18	4589	24.2	−63 18	*9.6*	10.6	Ko	2	..	39282b
19	3123	24.2	−69 6	*9.8*	11.0	K5	1	..	20427b
20	1100	24.2	−79 34	*8.8*	9.8	K	1	..	21397b
21	*859*	24.3	+75 7	8.87	*9.87*	Ko	2	..	6443m
22	4129	24.3	+35 56	8.8	*9.6*	G5	1	..	38508i
23	4130	24.3	+35 24	8.1	*8.5*	F5	4	..	37891i
24	4031	24.3	+34 46	8.0	*9.0*	Ko	2	..	37890i
25	*4585*	24.3	+21 5	8.0	*9.1*	K2	2	..	38507i
26	4460	24.3	+ 4 16	8.9	*8.9*	Ao	5	..	14203b
27	13862	24.3	−45 6	9.9	10.5	Go	2	..	39666b
28	1101	24.3	−79 40	*9.5*	10.1	G	2	..	21397b
29	1443	24.4	+64 28	9.3	*9.7*	F5	2	..	37333i
30	*2116*	24.4	+59 2	8.5	*8.5*	Ao	2	..	38795i
31	*2401*	24.4	+56 7	8.8	*8.9*	A2	4	..	37971i
32	*3944*	24.4	+38 3	8.8	*8.8*	Ao	3	..	37891i
33	4225	24.4	+21 48	8.6	*8.6*	Ao	3	..	38507i
34	4348	24.4	+12 21	6.87	*6.85*	B9	5	1,7	38948i
35	4918	24.4	− 3 13	5.11	*6.11*	Ko	8	..	8604b
36	5407	24.4	−10 37	9.4	*10.4*	Ko	2	..	40591b
37	5613	24.4	−16 34	9.4	*10.0*	Go	3	..	40587b
38	5998	24.4	−17 14	9.8	*10.4*	Go	2	..	40587b
39	14847	24.4	−27 19	9.4	9.8	Ma	1	..	40897b
40	16008	24.4	−32 0	7.8	9.2	K2	4	..	40728b
41	13995	24.4	−44 43	7.96	9.3	Ko	6	..	39666b
42	13592	24.4	−48 20	9.2	9.7	G5	4	..	39666b
43	13129	24.4	−49 8	11.0	10.9	Go	1	..	39666b
44	R	24.4	−59 43	..	..	K2	1	..	39698b
45	6166	24.4	−62 49	*8.0*	8.8	G5	3	..	42680b
46	463	24.5	+84 49	7.11	*7.61*	F8	7	..	37294i
47	462	24.5	+84 14	7.16	*7.44*	Fo	6	R	37294i
48	2410	24.5	+53 31	9.3	*10.7*	Mb	..	..	M
49	2719	24.5	+52 42	8.7	*9.1*	F5	1	..	37971i
50	4183	24.5	+40 17	7.82	*7.82*	Ao	5	..	38508i
51	3763	24.5	+28 27	7.8	*7.8*	Ao	6	..	38510i
52	3762	24.5	+28 11	8.2	*8.2*	A	3	..	36781i
53	4275	24.5	+16 40	8.4	*8.5*	A2	2	..	38507i
54	4171	24.5	+15 55	7.27	*7.27*	Ao	5	3,5	38507i
55	5153	24.5	− 4 31	8.0	*9.2*	K5	2	..	14692b
56	5310	24.5	− 7 15	9.8	*10.8*	Ko	1	..	40591b
57	5954	24.5	−20 4	9.0	9.4	Go	5	..	40587b
58	17633	24.5	−31 37	8.5	9.8	K5	3	..	40728b
59	13593	24.5	−48 35	9.7	11.2	K2	1	..	39666b
60	*4228*	24.6	+22 9	8.5	*8.5*	Ao	2	..	38507i
61	4227	24.6	+21 43	8.1	*9.2*	K2	2	..	38507i
62	4172	24.6	+15 56	var.	var.	Mc	..	R	M
63	5291	24.6	− 2 24	8.8	*9.2*	F5	3	..	14692b
64	5745	24.6	−12 27	9.8	*10.8*	Ko	2	..	39502b
65	5693	24.6	−15 26	9.4	*9.8*	F5	2	..	39502b
66	5999	24.6	−17 22	9.2	*10.0*	G5	2	..	40587b
67	5699	24.6	−18 22	9.4	*10.5*	K2	1	..	40587b
68	5955	24.6	−20 36	9.2	9.9	K2	3	..	40587b
69	*5449*	24.6	−21 59	10.0	9.6	Fo	3	..	40617b
70	14823	24.6	−25 53	9.9	9.5	K2	1	..	40897b
71	17956	24.6	−30 1	8.13	8.0	A3	7	..	40728b
72	13837	24.6	−39 1	8.8	9.8	A3	4	..	40857b
73	14936	24.6	−42 55	10.6	12.0	K5	1	..	39677b
74	7409	24.6	−60 55	9.3	9.4	A2	2	..	42680b
75	3287	24.7	+49 36	8.1	*8.9*	G5	1	..	38477i
76	*4103*	24.7	+39 3	8.7	*8.7*	A	2	..	37891i
77	..	24.7	+38 17	..	..	Oa	..	..	76,29
78	3946	24.7	+37 28	8.5	*9.9*	Ma	2	..	37891i
79	4549	24.7	+ 9 34	8.5	*9.9*	Mb	4	..	12063b
80	4524	24.7	+ 5 19	8.5	*8.5*	Ao	4	..	14203b
81	5409	24.7	−10 24	9.6	*10.1*	F8	3	..	40591b
82	5346	24.7	−11 5	9.2	*10.4*	K5	1	..	40591b
83	5684	24.7	−13 21	8.10	*9.10*	Ko	5	..	39502b
84	6001	24.7	−17 3	10.0	*10.5*	F8	2	..	40587b
85	14825	24.7	−25 50	9.7	10.1	Ko	1	..	40897b
86	13997	24.7	−44 19	9.7	11.1	Ko	2	..	39677b
87	13865	24.7	−45 5	8.41	9.3	Ko	5	..	39666b
88	13131	24.7	−49 0	9.5	10.0	F8	4	..	39666b
89	13020	24.7	−50 31	7.6	8.8	Ko	7	..	42801b
90	2560	24.7	−71 32	6.54	7.5	Ko	8	..	42475b
91	739	24.8	+75 43	8.02	*9.09*	K2	2	0,4	37224i
92	1248	24.8	+67 57	8.7	*9.1*	F5	4	..	37333i
93	1292	24.8	+66 49	7.88	*8.88*	Ko	7	..	37333i
94	*4102*	24.8	+39 0	7.11	*7.89*	G5	3	..	37891i
95	4052	24.8	+29 38	8.4	*8.4*	Ao	3	..	38510i
96	*4335*	24.8	+18 7	8.3	*9.4*	K2	2	..	38507i
97	4299	24.8	+10 21	9.3	*9.4*	A2	2	..	12063b
98	4179	24.8	+ 2 40	7.01	*7.01*	Ao	6	..	38030i
99	4923	24.8	− 3 31	8.6	*8.7*	A5	5	..	14692b
100	5154	24.8	− 4 46	7.75	*8.25*	F8	7	..	14692b

195200. 20h 24m.8

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5498	24.8	− 5 52	10.0	11.0	Ko	2	..	40591b
2	5347	24.8	−11 26	8.6	8.7	A5	5	..	40591b
3	5685	24.8	−13 28	10.0	10.5	F8	1	..	39502b
4	6002	24.8	−17 43	9.1	9.7	Go	4	..	40587b
5	5956	24.8	−20 15	9.0	9.6	G5	3	..	40587b
6	17122	24.8	−29 27	6.14	7.0	A5	..	..	56,145
7	9411	24.8	−55 41	9.2	10.2	K2	1	..	42801b
8	9708	24.8	−56 57	9.3	9.9	F8	4	..	39698b
9	9707	24.8	−57 19	9.1	9.9	G5	3	..	39698b
10	9706	24.8	−57 49	9.2	10.2	Mb	2	..	39698b
11	6490	24.8	−61 19	9.3	10.3	Ko	1	..	19897b
12	611	24.9	+82 44	9.5	9.5	Ao	2	..	37294i
13	4187	24.9	+40 28	9.2	9.0	B	3	..	1338f
14	4104	24.9	+38 49	9.3	10.7	Ma	..	..	M
15	3756	24.9	+28 8	7.6	7.7	A2	5	..	38510i
16	3755	24.9	+27 31	8.6	9.8	K5	2	..	38510i
17	4423	24.9	+19 45	6.38	6.44	A2	7	..	38016i
18	4350	24.9	+ 3 53	9.1	10.2	K2	1	..	14203b
19	4180	24.9	+ 3 4	8.3	8.3	Ao	7	0,3	14203b
20	5747	24.9	−12 7	8.2	9.2	Ko	7	..	39502b
21	5694	24.9	−15 3	10.3	10.9	Go	1	..	39502b
22	5738	24.9	−21 3	7.12	8.4	Ko	8	..	40587b
23	5450	24.9	−22 49	10.0	10.2	F5	2	..	40617b
24	14830	24.9	−25 45	10.2	10.7	Ko	1	..	40897b
25	14853	24.9	−27 19	9.2	8.6	Ao	5	..	40897b
26	14938	24.9	−42 21	8.9	10.4	K5	5	..	39677b
27	620	24.9	−84 2	8.5	8.6	A3	6	..	21397b
28	3114	25.0	+47 55	8.2	8.2	Ao	3	..	37874i
29	3765	25.0	+41 40	7.9	7.7	B	5	..	37902i
30	4188	25.0	+40 34	8.0	8.0	Ao	6	..	38508i
31	3757	25.0	+28 2	7.6	7.9	F2	6	..	38510i
32	3758	25.0	+27 11	9.2	9.3	A3	2	3,1	36781i
33	4145	25.0	+24 44	8.4	9.6	K5	1	..	38016i
34	4550	25.0	+ 9 58	9.3	9.3	Ao	2	..	12063b
35	4463	25.0	+ 4 55	8.30	9.48	K5	2	..	14203b
36	4181	25.0	+ 2 37	8.9	9.0	A2	2	..	14203b
37	5288	25.0	− 5 6	var.	var.	Mc	..	R	M
38	5314	25.0	− 7 48	10.0	11.0	Ko	1	..	40591b
39	5481	25.0	− 9 45	9.8	10.1	Fo	3	..	40591b
40	5749	25.0	−12 26	9.4	10.2	G5	2	..	39502b
41	5748	25.0	−12 34	8.22	9.22	Ko	5	..	39502b
42	5688	25.0	−13 21	10.0	10.8	G5	1	..	39502b
43	6003	25.0	−16 53	7.8	8.2	F5	8	..	40587b
44	5835	25.0	−19 47	8.53	9.3	Fo	6	..	40587b
45	5452	25.0	−22 27	9.8	9.9	Go	2	..	40617b
46	5451	25.0	−22 42	9.2	10.2	K2	1	..	40617b
47	15071	25.0	−26 25	9.1	9.5	Go	4	..	40897b
48	17640	25.0	−31 2	8.9	9.8	Ko	3	..	40728b
49	14940	25.0	−42 55	9.9	11.0	K2	2	..	39677b
50	7619	25.0	−58 59	8.5	8.5	Ko	6	..	39698b
51	3742	25.0	−67 5	7.8	8.8	Ko	3	..	20427b
52	187	25.1	+87 38	8.04	9.11	K2	3	2,2	37281i
53	2013	25.1	+61 12	8.6	9.6	Ko	2	..	38795i
54	3620	25.1	+43 11	8.1	8.1	B9	4	..	37874i
55	4206	25.1	+39 37	8.80	8.80	Ao	2	..	38508i
56	3988	25.1	− 1 31	8.3	9.5	K5	2	..	14692b
57	4925	25.1	− 3 48	9.2	9.2	Ao	2	..	14692b
58	5617	25.1	−16 6	7.02	7.02	Ao	9	..	39502b
59	5700	25.1	−18 34	9.6	10.2	Go	3	..	40587b
60	5741	25.1	−21 32	10.0	10.5	Ko	1	..	40617b
61	5453	25.1	−22 23	9.8	10.2	Go	2	..	40617b
62	15072	25.1	−26 3	10.6	10.4	Go	2	..	40897b
63	16720	25.1	−28 45	9.7	9.5	Go	4	..	40897b
64	14078	25.1	−38 15	9.0	8.9	Fo	7	..	40857b
65	13999	25.1	−44 21	10.1	10.8	Ko	2	..	39677b
66	13595	25.1	−48 2	11.6	11.7	K5	1	..	39666b
67	13133	25.1	−49 27	9.0	9.1	F5	6	..	39666b
68	3376	25.1	−68 52	9.8	11.0	K5	1	..	20427b
69	1424	25.1	−75 59	9.5	9.6	A5	3	..	42793b
70	3476	25.2	+44 37	9.0	9.1	A3	2	..	37874i
71	4140	25.2	+35 30	7.47	8.54	K2	3	0,3	37890i
72	3911	25.2	+26 45	9.0	9.1	A2	1	..	38510i
73	3912	25.2	+26 36	8.2	9.2	Ko	4	..	38510i
74	4551	25.2	+ 9 58	6.79	7.79	Ko	7	..	12063b
75	4304	25.2	+ 1 32	9.5	10.9	Mb	..	..	M
76	5157	25.2	− 3 55	9.2	10.2	K	1	..	14692b
77	5291	25.2	− 5 43	7.72	8.79	K2	5	..	40591b
78	5378	25.2	− 8 39	9.8	9.9	A3	3	..	40591b
79	5482	25.2	− 9 27	9.4	10.5	K2	3	..	40591b
80	5689	25.2	−13 2	10.3	10.9	Go	1	..	39502b
81	16083	25.2	−23 57	9.2	10.7	K2	1	..	40617b
82	14987	25.2	−32 57	8.7	9.8	G5	2	..	40728b
83	14442	25.2	−34 6	9.4	10.1	F8	2	..	40728b
84	14071	25.2	−41 14	7.4	8.4	Go	8	..	39677b
85	14945	25.2	−42 45	9.2	10.7	K5	3	..	39677b
86	13874	25.2	−45 41	8.1	7.7	Fo	7	..	39666b
87	13134	25.2	−49 51	10.1	11.2	Ko	1	..	39666b
88	9709	25.2	−54 51	10.60	9.3	Ao	6	..	42801b
89	7758	25.2	−58 27	8.1	8.2	Go	7	..	40950b
90	3743	25.2	−67 4	7.2	7.2	Ao	8	..	20427b
91	911	25.2	−81 13	8.7	9.5	G5	4	..	21397b
92	1249	25.3	+67 21	9.3	9.8	F8	6	..	37333i
93	1465	25.3	+66 9	9.5	9.8	F	3	..	37333i
94	3920	25.3	+33 11	8.8	8.8	Ao	1	..	38508i
95	4057	25.3	+30 2	4.09	4.51	F5p	..	R	1397c
96	4519	25.3	+ 0 18	9.28	9.28	Ao	2	..	14692b
97	5503	25.3	− 6 4	9.2	10.0	G5	1	.	40591b
98	5837	25.3	−19 27	9.16	9.6	Ko	2		40587b
99	14839	25.3	−25 21	10:2	10.7	K2	1		40897b
100	14856	25.3	−27 27	10.9	10.4	G5	1		40897b

195300 — $20^h\,25^m.3$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	16722	25.3	−28 4	8.2	8.3	Ao	9	..	40897b
2	14180	25.3	−35 52	9.4	9.9	K2	3	..	40857b
3	14204	25.3	−36 18	10.0	10.1	Go	2	..	40857b
4	14205	25.3	−36 28	9.4	10.1	F8	2	..	40857b
5	13875	25.3	−45 5	9.5	10.2	G5	3	..	39666b
6	9896	25.3	−53 43	9.1	10.2	Ko	1	..	42801b
7	3133	25.4	+48 35	6.63	*7.70*	K2	3	..	37874i
8	3479	25.4	+44 45	8.1	*9.2*	K2	2	..	37874i
9	4038	25.4	+23 44	8.2	*8.3*	A2	2	..	38016i
10	4593	25.4	+20 17	8.50	*8.50*	Ao	3	..	38507i
11	4553	25.4	+ 9 42	8.07	*8.13*	A2	5	..	12063b
12	5504	25.4	− 6 9	8.5	*8.6*	A5	7	..	40591b
13	5505	25.4	− 6 13	9.2	*9.2*	Ao	4	..	40591b
14	5380	25.4	− 8 23	8.4	*9.4*	Ko	6	..	40591b
15	*5765*	25.4	−13 55	9.1	*9.9*	G5	3	..	39502b
16	5702	25.4	−18 37	9.6	*10.1*	F8	2	..	40587b
17	11706	25.4	−52 17	9.2	10.3	G5	2	..	42801b
18	9709	25.4	−57 38	*9.9*	10.2	F2	2	..	39698b
19	7620	25.4	−59 34	*9.7*	10.3	Go	2	..	39698b
20	1447	25.4	−77 14	*7.6*	8.4	G5	7	..	42793b
21	2406	25.5	+55 58	8.6	*8.6*	Ao	3	..	37971i
22	3191	25.5	+45 23	7.32	*7.30*	B9	6	..	37874i
23	3950	25.5	+37 11	7.7	*8.1*	F5	4	*3,3*	38508i
24	*4141*	25.5	+36 7	5.94	*5.94*	Ao	8	*1,8* R	38508i
25	4303	25.5	+10 34	5.92	*5.92*	Ao	9	..	13875b
26	*4452*	25.5	+ 9 3	7.9	*9.1*	K5	3	..	12063b
27	5316	25.5	− 7 27	9.0	*10.1*	K2	3	..	40591b
28	5414	25.5	−10 22	7.8	*8.6*	G5	8	..	40591b
29	5690	25.5	−13 49	10.7	*10.7*	Ao	2	..	39502b
30	5696	25.5	−15 23	6.19	*6.75*	Go	9	..	39502b
31	14840	25.5	−25 22	9.7	9.5	F8	5	..	40897b
32	16727	25.5	−28 20	10.2	10.1	F8	1	..	40897b
33	13845	25.5	−39 45	9.43	9.8	F8	4	..	40857b
34	14042	25.5	−43 27	10.6	11.3	Ko	1	..	39677b
35	14005	25.5	−44 6	10.1	11.1	Ko	2	..	39677b
36	13878	25.5	−45 44	9.3	9.3	F8	4	..	39666b
37	13593	25.5	−46 9	8.7	10.0	K5	3	..	39666b
38	3117	25.6	+47 17	7.24	*8.24*	Ko	3	*5,3*	33603i
39	4194	25.6	+40 28	8.5	*8.5*	Ao	2	..	38508i
40	4426	25.6	+19 20	6.71	*6.66*	B8	8	..	38507i
41	*4515*	25.6	+19 6	6.99	*6.97*	B9	6	..	38507i
42	4337	25.6	+17 14	8.1	*9.1*	Ko	3	..	38507i
43	*4305*	25.6	+ 2 3	8.5	*8.5*	Ao	7	*2,2*	14203b
44	*5415*	25.6	− 9 59	9.46	*10.64*	K5	2	..	40591b
45	5621	25.6	−16 47	9.2	*10.3*	K2	1	..	40587b
46	5704	25.6	−18 14	9.8	*10.4*	Go	2	..	40587b
47	5957	25.6	−20 8	9.6	10.5	Ko	1	..	40587b
48	14446	25.6	−34 50	8.08	8.9	K2	6	..	40857b
49	13440	25.6	−47 35	8.0	9.9	Ko	5	..	39666b
50	3744	25.6	−67 35	*9.6*	10.4	G5	1	..	20427b
51	861	25.7	+74 55	var.	var.	Mc	..	R	M
52	1126	25.7	+68 59	7.30	*8.08*	G5	6	..	37333i
53	3135	25.7	+48 32	7.8	*8.4*	Go	4	..	37874i
54	3119	25.7	+47 16	8.2	*8.2*	Ao	3	..	37874i
55	3192	25.7	+45 45	8.5	*8.8*	F	1	..	37874i
56	4210	25.7	+39 46	8.07	*8.07*	Ao	4	..	38508i
57	4235	25.7	+21 29	8.1	*8.7*	G	3	..	38507i
58	*4517*	25.7	+19 5	6.59	*6.57*	B9	7	..	38507i
59	3989	25.7	− 1 49	8.81	*9.15*	F2	4	..	14692b
60	5349	25.7	−11 17	9.2	*10.2*	Ko	3	..	39502b
61	5351	25.7	−11 41	9.0	*9.8*	G5	4	..	39502b
62	5697	25.7	−15 8	9.2	*10.2*	Ko	1	..	39502b
63	6007	25.7	−17 28	7.8	*9.2*	Ma	7	..	40587b
64	5705	25.7	−18 25	8.2	*8.7*	F8	8	..	40587b
65	5455	25.7	−22 50	8.8	9.3	G5	5	..	40617b
66	16732	25.7	−28 24	7.70	8.3	G5	7	..	40897b
67	17971	25.7	−30 30	8.9	9.3	A5	3	..	40728b
68	13849	25.7	−39 22	8.7	9.3	G5	5	..	40857b
69	13139	25.7	−49 6	8.4	9.1	Ko	5	..	39666b
70	9901	25.7	−53 36	*9.4*	10.4	Ko	1	..	42801b
71	4057	25.7	−64 0	*8.4*	9.4	Ko	5	..	39282b
72	2356	25.8	+54 10	8.1	*8.1*	Ao	5	..	37971i
73	3137	25.8	+48 56	7.28	*8.06*	G5	4	..	37874i
74	3120	25.8	+47 54	8.2	*8.2*	B9	2	..	37874i
75	3193	25.8	+45 24	8.5	*9.3*	G5	2	..	37874i
76	3769	25.8	+41 57	8.9	*8.9*	A	2	..	37874i
77	4111	25.8	+38 37	8.6	*8.6*	Ao	2	..	37891i
78	4282	25.8	+16 45	9.0	*9.0*	Ao	2	..	38507i
79	4453	25.8	+ 8 20	8.0	*8.1*	A3	4	..	12063b
80	4027	25.8	− 0 3	8.6	*8.7*	A3	3	..	14692b
81	*4928*	25.8	− 2 55	8.6	*9.1*	F8	4	..	14692b
82	5381	25.8	− 8 37	9.0	*9.0*	Ao	5	..	40591b
83	*5752*	25.8	−11 59	8.7	*8.8*	A3	5	..	39502b
84	16305	25.8	−23 4	8.2	9.6	K5	3	..	40617b
85	14861	25.8	−27 15	9.7	9.8	Go	2	..	40897b
86	14086	25.8	−38 37	8.7	10.7	G5	2	..	40857b
87	14085	25.8	−38 46	9.0	11.5	K5	1	..	40857b
88	13601	25.8	−48 3	10.3	10.6	F5	1	..	39666b
89	9711	25.8	−54 12	9.1	9.9	F5	3	..	42801b
90	2561	25.8	−71 36	*7.6*	7.6	Ao	9	..	42475b
91	2240	25.9	+59 24	7.70	*7.70*	Ao	5	..	38795i
92	2947	25.9	+46 46	8.7	*9.0*	F	2	..	37874i
93	4116	25.9	+38 37	9.0	*9.0*	B8	2	..	38508i
94	4114	25.9	+38 17	8.4	*8.4*	Ao	3	..	38508i
95	4055	25.9	+30 13	7.71	*7.79*	A3	5	..	38510i
96	4323	25.9	+14 15	8.5	*9.3*	G5	1	..	38948i
97	4415	25.9	+13 29	7.9	*8.4*	F8	2	..	38948i
98	5416	25.9	−10 6	10.0	*10.8*	G5	1	..	40591b
99	5456	25.9	−22 22	9.6	9.7	F2	2	..	40617b
100	14845	25.9	−25 20	9.2	9.9	Ko	3	*2,2*	40617b

195400 — 20h 25m.9

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13025	25.9	−50 15	9.5	10.3	G5	2	..	39666b
2	*2792*	25.9	−69 57	6.12	7.3	K2	9	..	42475b
3	1251	26.0	+67 14	9.0	*9.6*	G	2	..	37333i
4	1444	26.0	+64 19	8.8	*9.6*	G5	2	..	37333i
5	3770	26.0	+41 59	8.2	*9.0*	G5	2	..	37874i
6	3952	26.0	+37 48	8.5	*8.5*	B9	5	E	37891i
7	4095	26.0	+36 39	7.72	*7.60*	B5	4	..	38508i
8	3765	26.0	+27 32	8.0	*8.0*	B9	7	..	38510i
9	4519	26.0	+18 13	8.7	*8.8*	A2	2	..	38507i
10	4289	26.0	+11 45	9.0	*10.2*	K5	1	..	12063b
11	4306	26.0	+ 1 32	9.1	*9.2*	A3	3	..	14203b
12	*15753*	26.0	−11 59	9.6	*10.0*	F5	3	..	39502b
13	5624	26.0	−16 51	10.3	*10.7*	F5	2	..	40587b
14	14450	26.0	−34 48	9.38	9.8	Go	2	..	40728b
15	14213	26.0	−36 31	9.4	10.4	Ko	2	..	40857b
16	13794	26.0	−37 11	8.0	9.8	Ko	3	..	40857b
17	12593	26.0	−51 37	10.3	11.2	Ma	1	..	42801b
18	3125	26.0	−69 0	*9.8*	10.1	Fo	3	..	20427b
19	4097	26.1	+36 14	8.1	*8.9*	G5	2	..	37891i
20	4057	26.1	+30 35	8.5	*9.5*	Ko	1	..	38510i
21	5698	26.1	−15 20	9.0	9.6	Go	3	..	39502b
22	5961	26.1	−20 14	9.8	9.6	Go	2	..	40587b
23	16092	26.1	−24 24	10.6	9.5	Ao	3	..	40617b
24	14864	26.1	−27 13	10.6	10.6	K5	1	..	40897b
25	15001	26.1	−33 22	8.7	8.7	F2	6	..	40728b
26	13919	26.1	−40 35	10.4	10.1	Go	4	..	39677b
27	14951	26.1	−42 54	10.6	12.0	Ko	1	..	39677b
28	9903	26.1	−53 50	7.9	9.0	Ko	5	..	42801b
29	4590	26.1	−63 39	*7.5*	7.5	Ao	10	..	20427b
30	2729	26.2	+52 42	8.5	*8.6*	A2	2	..	37971i
31	3924	26.2	+33 54	8.4	*9.4*	Ko	2	..	38508i
32	3768	26.2	+27 30	6.90	*7.40*	F8	7	..	38510i
33	4306	26.2	+10 40	8.7	*9.7*	Ko	1	..	13875b
34	4470	26.2	+ 4 52	9.1	*10.1*	Ko	2	..	14203b
35	5755	26.2	−12 13	9.6	..	R5	3	..	39502b
36	5706	26.2	−18 29	9.4	*9.5*	A5	4	..	40587b
37	5743	26.2	−21 26	9.6	10.2	Go	3	..	40617b
38	*17138*	26.2	−28 56	8.7	9.8	Ko	6	..	40897b
39	17653	26.2	−31 7	9.4	10.7	Ko	1	..	40897b
40	14046	26.2	−43 7	9.9	11.1	F5	2	..	39677b
41	14011	26.2	−44 54	8.46	10.2	K2	3	..	39666b
42	9715	26.2	−54 48	9.31	10.2	A5	1	..	42801b
43	6167	26.2	−62 50	*10.2*	10.6	F5	2	..	39282b
44	2793	26.2	−70 53	*9.4*	10.4	Ko	2	..	42475b
45	863	26.3	+74 47	8.9	*8.9*	Ao	3	0,1	6443m
46	952	26.3	+72 54	9.3	*9.9*	Go	2	..	6443m
47	*3291*	26.3	+50 8	7.37	*7.35*	B9	4	0,4	38477i
48	*4213*	26.3	+40 2	8.47	*8.53*	A2	1	..	38508i
49	*4532*	26.3	+ 6 1	8.3	*9.5*	K5	1	..	14203b
50	5692	26.3	−13 49	9.8	*10.4*	Go	1	..	39502b
51	5766	26.3	−14 7	8.6	*9.0*	F5	6	..	39502b
52	6010	26.3	−17 42	10.4	*10.8*	F5	2	..	40587b
53	5457	26.3	−22 29	8.6	8.1	Fo	8	..	40617b
54	16312	26.3	−23 30	9.4	10.5	Ko	1	..	40617b
55	16098	26.3	−24 24	9.7	8.4	B5	6	..	40617b
56	14218	26.3	−36 34	7.8	8.2	B8	10	..	40857b
57	14049	26.3	−43 40	8.4	9.4	K5	6	..	39677b
58	13026	26.3	−50 20	9.5	10.3	Go	2	..	39666b
59	2563	26.3	−71 25	7.08	7.1	Ao	5	..	43204b
60	970	26.3	−80 53	*8.5*	8.5	Ao	6	..	21397b
61	2242	26.4	+59 55	8.1	*8.2*	A3	2	..	38795i
62	*3125*	26.4	+48 6	8.7	*9.5*	G5	3	..	37874i
63	3195	26.4	+45 9	8.72	*8.60*	B5	4	..	1338f
64	3953	26.4	+37 17	9.0	*9.0*	Ao	3	E	37891i
65	4101	26.4	+36 50	8.2	*9.3*	K2	1	..	38508i
66	4143	26.4	+35 49	8.7	*9.2*	F8	2	..	38508i
67	4533	26.4	+ 5 38	9.0	*9.4*	F5	2	..	14203b
68	5318	26.4	− 7 19	9.8	*10.4*	Go	2	..	40591b
69	5458	26.4	−22 30	9.0	8.4	Fo	6	..	40617b
70	14851	26.4	−25 12	7.15	8.3	K2	8	..	40897b
71	17139	26.4	−29 3	9.2	10.4	Ko	2	..	40897b
72	13800	26.4	−37 47	8.8	9.5	Go	5	..	40857b
73	13921	26.4	−40 8	10.2	10.7	Go	2	..	39677b
74	14050	26.4	−43 53	9.9	10.8	K2	2	..	39677b
75	7759	26.4	−58 7	*9.4*	10.0	Go	2	..	39698b
76	3853	26.4	−65 39	*9.8*	10.4	Go	4	0,3	39282b
77	1426	26.4	−76 31	*9.4*	10.4	Ko	1	..	19964b
78	3486	26.5	+44 9	7.9	*7.9*	B9	3	..	37874i
79	4602	26.5	+20 16	6.00	*6.06*	A2	9	..	38507i
80	4285	26.5	+16 44	7.6	*8.8*	K5	1	..	38507i
81	4181	26.5	+15 27	6.80	*6.86*	A2	5	..	37938i
82	4307	26.5	+10 57	7.26	*7.26*	Ao	6	R	12063b
83		26.5	+10 57	7.04	*7.04*	Ao	6		
84	4308	26.5	+10 18	10.1	*10.1*	Ao	1	..	12063b
85	17985	26.5	−30 17	9.4	9.8	A2	3	..	40728b
86	17657	26.5	−31 43	7.51	8.0	A2	9	..	40728b
87	13890	26.5	−45 38	9.9	10.0	F8	3	..	39666b
88	9907	26.5	−53 11	7.9	8.7	Go	6	..	42801b
89	9716	26.5	−54 11	*10.1*	10.2	A2	2	..	42801b
90	4456	26.6	+ 8 35	7.7	*7.8*	A2	6	..	12063b
91	4307	26.6	+ 1 25	8.9	*9.7*	G5	3	..	14203b
92	5758	26.6	−12 28	9.6	*10.4*	G5	1	..	39502b
93	5628	26.6	−16 28	8.7	*9.0*	F2	6	..	39502b
94	6013	26.6	−17 20	8.7	*9.3*	Go	7	..	40587b
95	5843	26.6	−19 1	9.8	10.5	Ko	1	..	40587b
96	5844	26.6	−19 37	9.8	9.9	G5	2	..	40587b
97	16101	26.6	−24 17	9.7	8.8	Ao	6	..	40617b
98	15089	26.6	−26 11	9.4	10.9	K2	3	..	40897b
99	*14871*	26.6	−26 59	9.9	10.0	F2	2	..	40897b
100	*17144*	26.6	−28 56	7.05	7.3	Ao	6	..	37115b

195500 — $20^h\,26^m.6$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	*17658*	26.6	−30 57	8.5	9.9	Ko	2	..	40728b
2	12600	26.6	−51 18	10.6	10.6	F8	2	..	42801b
3	1466	26.7	+65 25	6.62	*6.68*	A2	10	..	37333i
4	2204	26.7	+57 47	8.1	*9.3*	K5	1	..	38795i
5	*2731*	26.7	+53 1	8.0	*8.1*	A2	3	..	37971i
6	3196	26.7	+45 36	6.59	*7.59*	Ko	5	..	37874i
7	4121	26.7	+38 13	8.5	*8.5*	Ao	3	..	38508i
8	3955	26.7	+37 9	8.7	*8.8*	A5	2	E	37891i
9	3917	26.7	+26 21	7.7	*8.7*	Ko	5	..	38510i
10	4188	26.7	+ 2 12	9.3	*9.4*	A5	3	..	14203b
11	4930	26.7	− 3 47	8.2	*8.5*	Fo	5	..	14692b
12	*5511*	26.7	− 5 56	8.0	*9.0*	Ko	7	..	40591b
13	5384	26.7	− 8 46	8.0	*8.1*	A3	8	..	40591b
14	5489	26.7	− 9 27	10.3	*10.3*	Ao	5	..	40591b
15	5420	26.7	−10 22	10.0	*11.1*	K2	1	..	40591b
16	*5759*	26.7	−11 55	8.6	*9.4*	G5	3	..	39502b
17	5701	26.7	−15 36	9.2	*9.3*	A5	3	..	39502b
18	14225	26.7	−36 13	8.0	9.8	K5	3	..	40857b
19	14095	26.7	−38 39	9.0	10.4	Go	2	..	40857b
20	14088	26.7	−41 41	9.0	9.5	F5	5	..	39677b
21	14087	26.7	−41 51	6.96	7.3	Go	10	..	39677b
22	14051	26.7	−43 38	11.0	10.8	Go	1	..	39677b
23	13599	26.7	−46 54	9.0	9.6	F8	4	..	39666b
24	6168	26.7	−62 17	*9.2*	9.7	F8	2	..	19897b
25	3494	26.7	−66 5	*9.5*	10.0	F8	3	..	39282b
26	799	26.8	+76 19	8.87	*8.87*	Ao	5	0,2	6443m
27	1129	26.8	+68 27	7.24	*8.02*	G5	7	..	37333i
28	*3491*	26.8	+45 7	7.82	*8.32*	F8	4	..	37874i
29	4205	26.8	+40 20	7.82	*7.82*	Ao	7	..	38508i
30	*4056*	26.8	+35 1	8.34	*8.40*	A2	3	3,2	38508i
31	4067	26.8	+29 57	8.8	*9.4*	G	1	..	38510i
32	*4268*	26.8	+26 9	8.8	*8.8*	Ao	2	..	38510i
33	*4356*	26.8	+ 4 5	7.06	*7.34*	Fo	6	..	38030i
34	4033	26.8	− 0 29	7.6	*8.6*	Ko	6	..	14692b
35	5299	26.8	− 5 35	6.67	*7.67*	Ko	8	..	14692b
36	*6014*	26.8	−16 57	7.11	*7.39*	Fo	8	..	39502b
37	5963	26.8	−20 18	9.2	9.9	G5	3	..	40587b
38	5964	26.8	−20 27	9.6	9.9	A3	2	..	40587b
39	*13895*	26.8	−44 58	9.76	10.0	F2	2	..	39666b
40	13029	26.8	−50 21	8.5	10.0	K2	4	..	42801b
41	9417	26.8	−55 53	8.6	9.3	F5	4	..	40950b
42	6169	26.8	−62 5	*9.2*	9.2	Ao	3	..	42680b
43	4206	26.9	+40 10	7.52	*8.70*	K5	2	..	38508i
44	*4146*	26.9	+36 4	8.0	*8.4*	F5	3	..	37891i
45	4311	26.9	+10 10	8.87	*9.37*	F8	2	..	12063b
46	4308	26.9	+ 1 49	10.5	*10.5*	Ao	2	..	14203b
47	5629	26.9	−16 20	10.3	*11.1*	G5	1	..	40587b
48	*5965*	26.9	−19 55	10.0	9.7	Ao	2	..	40587b
49	14854	26.9	−25 17	6.20	6.5	Ao	8	..	37115b
50	14089	26.9	−41 16	8.5	9.5	Ko	6	..	39677b
51	14961	26.9	−42 38	10.1	11.0	Ao	2	..	39677b
52	6170	26.9	−62 34	*9.2*	10.3	K2	2	..	19897b
53	1468	27.0	+65 31	8.7	*9.0*	Fo	3	..	37333i
54	2411	27.0	+55 44	5.87	*5.85*	B9	9	..	37971i
55	2419	27.0	+53 47	7.8	*8.2*	F5	2	..	37971i
56	3142	27.0	+48 37	4.89	*4.72*	B3	..	0,R	56,99
57	3141	27.0	+48 18	8.0	*8.0*	Ao	5	..	37874i
58	4217	27.0	+39 42	8.7	*8.8*	A2	1	..	38508i
59	4148	27.0	+35 19	8.77	*9.84*	K2	1	..	38508i
60	4246	27.0	+21 43	8.0	*8.3*	Fo	2	..	38507i
61	5512	27.0	− 6 39	9.2	*9.8*	Go	3	..	40591b
62	5321	27.0	− 7 47	9.0	*9.6*	Go	4	..	40591b
63	5387	27.0	− 8 32	8.7	*9.7*	Ko	4	..	40591b
64	5423	27.0	−10 12	5.81	*6.59*	G5	..	5,10	56,146
65	5695	27.0	−13 1	9.4	*10.4*	Ko	2	..	39502b
66	5966	27.0	−20 24	9.2	9.9	Ko	2	..	40587b
67	14091	27.0	−41 4	8.8	10.7	K5	3	..	39677b
68	14092	27.0	−41 23	10.2	10.4	Fo	3	..	39677b
69	14020	27.0	−44 51	5.30	6.6	Ko	..	R	56,146
70	13606	27.0	−48 13	9.9	10.6	G5	2	..	39666b
71	11713	27.0	−52 21	8.5	9.1	F2	6	..	42801b
72	7761	27.0	−58 9	8.8	8.5	A2	7	..	39698b
73	3127	27.0	−69 48	6.82	7.9	Ko	8	..	42475b
74	*3768*	27.1	+43 8	7.40	*7.48*	A3	5	..	37874i
75	4247	27.1	+21 34	6.85	*6.93*	A3	8	..	38507i
76	4565	27.1	+ 9 38	8.5	*8.6*	A3	5	..	12063b
77	4358	27.1	+ 3 56	8.7	*8.8*	A5	3	..	38030i
78	5322	27.1	− 7 44	9.6	*9.9*	F2	2	..	40591b
79	5425	27.1	−10 42	9.8	*9.8*	Ao	2	..	40591b
80	*5968*	27.1	−19 58	9.8	10.5	K5	1	..	40587b
81	15094	27.1	−26 18	10.4	10.3	Go	3	..	40897b
82	14093	27.1	−41 11	10.7	9.8	F2	5	..	39677b
83	*13608*	27.1	−47 55	11.6	10.6	G5	1	..	39666b
84	13607	27.1	−48 11	9.3	11.2	K2	1	..	39666b
85	9717	27.1	−54 2	9.2	9.9	F8	2	..	42801b
86	1641	27.1	−75 53	*9.7*	10.2	F8	1	..	19964b
87	347	27.2	+85 57	8.55	*9.33*	G5	2	..	37294i
88	1252	27.2	+67 33	8.5	*9.5*	Ko	5	..	37333i
89	*2128*	27.2	+61 0	8.2	*9.3*	K2	1	..	38795i
90	2421	27.2	+53 22	7.98	*8.98*	Ko	2	..	37971i
91	3143	27.2	+48 43	8.7	*9.5*	G5	3	..	37874i
92	3630	27.2	+43 59	7.15	*6.91*	B	4	R	37874i
93	4105	27.2	+36 36	6.30	*6.80*	F8p	6	2,6R	38508i
94	4070	27.2	+29 23	8.4	*9.8*	Ma	1	..	38510i
95	5775	27.2	−14 3	8.8	*9.8*	Ko	4	..	39502b
96	5630	27.2	−16 25	10.9	*11.5*	Go	1	..	40587b
97	14098	27.2	−38 52	8.7	10.1	G5	2	..	40857b
98	*13928*	27.2	−39 56	8.7	9.8	Go	4	..	40857b
99	13926	27.2	−40 54	7.1	7.9	Ao	9	..	39677b
100	14964	27.2	−42 38	10.1	12.0	Ko	1	..	39677b

195600 — $20^h\ 27^m.2$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13602	27.2	−46 36	10.1	11.1	K2	2	..	39666b
2	13609	27.2	−48 37	9.2	9.7	F8	5	..	39666b
3	13147	27.2	−49 25	10.3	10.3	F5	1	..	39666b
4	9908	27.2	−53 22	8.7	10.2	K2	2	..	42801b
5	4058	27.2	−64 32	*8.7*	9.7	Ko	3	..	39282b
6	3747	27.2	−67 11	*8.6*	9.7	K2	1	..	20427b
7	*2246*	27.3	+60 5	7.36	*7.36*	Ao	6	..	38795i
8	3298	27.3	+49 27	6.68	*7.68*	Ko	5	..	37874i
9	3932	27.3	+33 42	8.7	*8.7*	Ao	3	..	38508i
10	3847	27.3	+32 12	8.2	*8.3*	A3	1	..	38510i
11	3780	27.3	+28 17	9.1	*9.1*	Ao	2	R	38502i
12	4288	27.3	+16 39	7.12	*7.10*	B9	7	..	38507i
13	4185	27.3	+15 36	8.5	*9.3*	G5	2	..	38948i
14	4490	27.3	+ 7 35	8.5	*8.6*	A2	3	..	12063b
15	*4359*	27.3	+ 4 5	9.1	*9.6*	F8	3	..	14203b
16	4309	27.3	+ 1 53	7.51	*8.58*	K2	5	..	14203b
17	4310	27.3	+ 1 47	6.65	*7.72*	K2	8	..	14203b
18	5301	27.3	− 2 26	9.2	*9.3*	A5	2	..	14692b
19	5169	27.3	− 4 33	9.0	*9.5*	F8	3	..	40591b
20	*5389*	27.3	− 7 55	10.0	*10.8*	G5	1	..	40591b
21	5490	27.3	− 9 14	9.6	*10.2*	Go	4	..	40591b
22	*5776*	27.3	−13 53	8.4	*8.9*	F8	7	..	39502b
23	5846	27.3	−19 38	8.98	10.2	K5	2	..	40587b
24	16324	27.3	−23 33	10.4	9.9	F8	2	..	40617b
25	15098	27.3	−26 28	10.4	10.6	Go	2	..	40897b
26	13802	27.3	−37 3	9.3	9.9	Go	3	..	40857b
27	*6492*	27.3	−60 55	4.84	5.3	Fo	..	*5*, R	28,215
28	953	27.4	+72 30	8.5	*8.6*	A2	2	..	37224i
29	*4219*	27.4	+40 5	7.47	*7.45*	B9	7	..	38508i
30	4186	27.4	+15 45	8.9	*9.9*	Ko	2	..	38948i
31	4428	27.4	+13 57	8.1	*8.7*	Go	1	..	38948i
32	4315	27.4	+10 50	9.1	*10.2*	K2	1	..	12063b
33	4557	27.4	+ 6 11	8.5	*9.0*	F8	4	..	14203b
34	4479	27.4	+ 4 56	8.00	*8.34*	F2	3	..	38030i
35	5390	27.4	− 8 2	10.3	*10.6*	Fo	2	..	40591b
36	5491	27.4	− 9 42	9.51	*9.46*	B8	2	..	39502b
37	5706	27.4	−15 25	9.1	*9.9*	G5	4	..	39502b
38	5632	27.4	−16 22	8.7	*9.0*	F2	6	..	39502b
39	15099	27.4	−26 15	10.6	10.6	F8	2	..	40897b
40	14880	27.4	−27 4	9.7	9.7	A3	3	..	40897b
41	17996	27.4	−30 31	7.7	9.2	K2	4	..	40728b
42	17671	27.4	−31 7	9.2	10.4	Ko	3	..	40897b
43	14463	27.4	−34 37	9.8	10.5	Ko	1	..	40728b
44	14099	27.4	−38 23	8.7	9.8	F8	4	..	40857b
45	7622	27.4	−59 25	8.6	8.8	F8	5	..	39698b
46	2565	27.4	−71 39	*8.7*	9.8	K2	3	..	42475b
47	4211	27.5	+40 31	7.47	*8.54*	K2	2	..	38508i
48	4150	27.5	+35 49	9.0	*9.8*	G5	1	..	38508i
49	3849	27.5	+32 46	7.12	*8.12*	Ko	4	..	38508i
50	4336	27.5	+14 53	8.9	*8.9*	A	1	..	38948i
51	4335	27.5	+14 51	7.89	*8.45*	Go	2	..	38948i
52	4361	27.5	+ 3 49	8.5	*8.9*	F5	4	..	38030i
53	3991	27.5	− 1 48	7.99	*9.17*	K5	3	..	14692b
54	5515	27.5	− 6 36	10.4	*10.8*	F5	2	..	40591b
55	5391	27.5	− 8 16	8.0	*8.4*	F5	7	..	40591b
56	5696	27.5	−13 47	9.0	*9.8*	G5	3	..	39502b
57	6015	27.5	−17 18	10.0	*10.4*	F5	2	..	40587b
58	15101	27.5	−26 10	9.7	10.6	Ko	2	..	40897b
59	14058	27.5	−43 47	7.4	7.8	Ko	10	..	39677b
60	14026	27.5	−44 8	9.3	10.2	Ko	3	..	39677b
61	9419	27.5	−55 18	9.0	9.7	F5	4	..	42801b
62	9519	27.5	−56 10	9.3	9.7	Ao	5	..	42801b
63	2362	27.6	+54 20	7.38	*7.80*	F5	5	..	37971i
64	2880	27.6	+51 58	7.42	*7.48*	A2	6	..	37971i
65	3850	27.6	+32 14	var.	var.	Np	..	R	M
66	4074	27.6	+29 55	7.31	*8.38*	K2	2	..	38510i
67	3921	27.6	+26 42	8.2	*9.3*	K2	3	..	38510i
68	4525	27.6	+18 17	7.22	*8.57*	Mb	3	..	38507i
69	4187	27.6	+15 34	7.54	*8.32*	G5	3	..	38948i
70	4299	27.6	+11 30	9.1	*9.1*	Ao	1	..	13875b
71	*4566*	27.6	+10 5	8.87	*9.94*	K2	1	..	12063b
72	4362	27.6	+ 3 19	8.5	*9.7*	K5	3	..	14203b
73	5302	27.6	− 5 31	8.0	*8.1*	A3	4	..	14692b
74	5516	27.6	− 6 17	9.6	*10.1*	F8	3	..	40591b
75	*5323*	27.6	− 6 58	9.8	*10.6*	G5	2	..	40591b
76	*5394*	27.6	− 7 57	10.0	*10.1*	A3	2	..	40591b
77	5492	27.6	− 9 21	8.4	*9.6*	K5	4	..	40591b
78	5752	27.6	−21 14	8.4	9.3	A5	5	..	40587b
79	5751	27.6	−21 46	9.0	9.9	Ko	2	..	40617b
80	5464	27.6	−22 34	7.6	7.8	F8	6	..	40617b
81	14881	27.6	−27 24	9.7	9.7	Go	2	..	40897b
82	6171	27.6	−62 28	*9.6*	10.0	F5	2	..	19897b
83	*4594*	27.6	−62 57	*8.5*	8.8	Fo	4	..	42680b
84	3748	27.6	−67 46	*8.4*	9.8	Ma	4	..	20427b
85	2537	27.6	−72 46	*8.5*	9.1	Go	4	..	42475b
86	1643	27.6	−75 31	*9.1*	10.2	K2	1	..	19964b
87	1104	27.6	−79 38	*9.3*	10.3	K	1	..	21397b
88	2130	27.7	+60 40	7.9	*8.4*	F8	4	..	38795i
89	4221	27.7	+39 36	7.30	*7.30*	Ao	7	..	38508i
90	*3938*	27.7	+34 0	6.51	*6.85*	F2	8	0,5	38508i
91	3852	27.7	+32 11	var.	var.	Ma	..	R	M
92	4272	27.7	+25 28	6.29	*6.35*	A2	8	0,8 R	38510i
93		27.7	+25 28			G			
94	4249	27.7	+21 40	7.9	*7.9*	B9	6	..	38507i
95	4567	27.7	+ 9 39	8.6	*9.2*	G	2	..	12063b
96	5303	27.7	− 5 40	9.6	*10.6*	Ko	1	..	40591b
97	5359	27.7	−11 3	10.3	*10.9*	Go	1	..	39502b
98	5778	27.7	−14 25	9.4	*9.9*	F8	3	..	39502b
99	5708	27.7	−15 33	8.6	*9.6*	Ko	4	..	39502b
100	*5634*	27.7	−15 57	9.2	*10.6*	Ma	2	..	39502b

195700

$20^h\ 27^m.7$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5753	27.7	−21 35	9.2	10.2	F5	2	..	40617b
2	*16112*	27.7	−23 59	9.9	10.0	Go	2	..	40617b
3	14864	27.7	−25 42	9.9	9.4	F2	4	..	40897b
4	17159	27.7	−29 38	6.93	7.3	A3	10	..	40728b
5	14466	27.7	−34 47	10.4	10.2	Go	1	..	40728b
6	14974	27.7	−42 41	9.2	10.7	G5	3	..	39677b
7	14029	27.7	−44 3	10.3	10.8	F8	1	..	39677b
8	*2538*	27.7	−71 59	*8.4*	9.2	G5	4	..	42475b
9	802	27.8	+76 11	8.87	*8.93*	A2	5	..	6443m
10	3148	27.8	+48 52	6.54	*6.60*	A2	..	2,8	56,146
11	2958	27.8	+46 26	8.2	*9.0*	G5	2	..	37874i
12	3922	27.8	+26 44	8.6	*9.6*	Ko	2	..	38510i
13	*4157*	27.8	+25 1	7.81	*7.81*	Ao	4	..	38510i
14	4093	27.8	+22 29	6.57	*7.57*	Ko	7	..	38507i
15	4611	27.8	+20 31	7.27	*7.22*	B8	7	..	38507i
16	5303	27.8	− 2 28	9.2	*9.2*	Ao	4	..	14692b
17	5360	27.8	−11 29	10.9	*10.9*	A	1	..	39502b
18	15104	27.8	−26 37	9.9	10.3	F8	3	..	40897b
19	14884	27.8	−27 31	9.7	9.7	G5	3	..	40897b
20	17679	27.8	−31 33	8.1	10.4	Ma	2	5,2	40897b
21	14975	27.8	−42 21	9.5	10.9	G5	3	..	39677b
22	13903	27.8	−45 26	9.0	9.6	F8	4	..	39666b
23	12610	27.8	−51 35	9.9	10.6	Ko	1	..	42801b
24	299	27.8	−87 47	*9.6*	10.6	K	1	..	22980b
25	1821	27.9	+62 39	4.28	*4.42*	A5	..	R	56,99
26	2435	27.9	+56 34	9.0	*9.1*	A3	1	..	38795i
27	3203	27.9	+45 57	9.0	*9.0*	Ao	2	..	37874i
28	4223	27.9	+39 32	9.6	*11.0*	Mc	..	..	M
29	*4314*	27.9	+ 2 5	7.9	*8.0*	A2	4	..	38030i
30	4534	27.9	+ 0 16	8.63	*8.63*	Ao	4	..	14203b
31	4038	27.9	− 0 28	8.5	*9.5*	Ko	3	..	14692b
32	5427	27.9	−10 28	9.4	*10.5*	K2	1	..	40591b
33	*5780*	27.9	−13 53	9.6	*10.2*	Go	3	..	39502b
34	5708	27.9	−18 44	9.4	*10.4*	Ko	2	..	40587b
35	14869	27.9	−25 0	8.62	9.4	K2	5	..	40897b
36	14886	27.9	−27 1	10.2	10.6	G5	1	..	40897b
37	14887	27.9	−27 27	10.2	9.7	F8	3	..	40897b
38	13808	27.9	−37 52	9.6	10.5	K5	1	..	40857b
39	14976	27.9	−42 9	10.3	11.4	A3	1	..	39677b
40	*14031*	27.9	−43 57	10.3	11.1	F8	1	..	39677b
41	13605	27.9	−46 11	10.3	10.7	F8	2	..	39666b
42	11716	27.9	−52 27	*10.6*	10.6	Ao	1	..	42801b
43	9420	27.9	−55 54	*9.4*	10.2	G5	3	..	42801b
44	1471	28.0	+65 9	9.05	*9.55*	F8	2	..	37333i
45	1445	28.0	+64 50	9.3	*9.6*	F	1	..	37333i
46	3789	28.0	+41 51	8.7	*8.7*	A	3	..	37874i
47	4482	28.0	+ 4 59	8.72	*8.67*	B8	3	..	14203b
48	5517	28.0	− 6 19	9.2	*10.2*	Ko	3	..	40591b
49	5324	28.0	− 7 9	9.4	*10.4*	Ko	2	..	40591b
50	5429	28.0	−10 10	10.3	*11.3*	Ko	1	..	40591b
51	5363	28.0	−11 47	9.1	*10.2*	K2	1	..	39502b
52	5711	28.0	−15 45	9.4	*10.4*	Ko	1	..	40587b
53	..	28.0	−15 57	..	..	F8	2	..	39502b
54	17162	28.0	−29 28	9.1	9.9	Ko	3	..	40897b
55	18007	28.0	−30 1	9.7	*10.5*	G5	1	..	40897b
56	*17684*	28.0	−30 56	9.2	9.9	G5	3	..	40897b
57	13811	28.0	−37 7	9.0	9.9	Go	4	..	40857b
58	14064	28.0	−43 27	9.9	10.4	F2	3	..	39677b
59	13038	28.0	−50 5	8.5	9.8	Go	6	..	42801b
60	11717	28.0	−52 50	8.2	10.0	K5	4	..	42801b
61	9522	28.0	−56 6	9.3	9.7	A3	5	..	42801b
62	7410	28.0	−60 1	7.71	8.8	K2	4	..	42680b
63	*4290*	28.1	+17 7	var.	var.	Pec.	..	R	M
64	4301	28.1	+11 43	9.1	*10.3*	K5	1	..	12063b
65	4570	28.1	+ 9 27	8.5	*9.6*	K2	2	..	12063b
66	4543	28.1	+ 5 57	9.1	*10.2*	K2	1	..	14203b
67	5521	28.1	− 6 33	7.32	*8.67*	Ma	8	..	40591b
68	5396	28.1	− 8 13	9.6	*10.6*	Ko	2	..	40591b
69	*5754*	28.1	−20 53	8.0	8.8	Ko	6	..	40587b
70	14471	28.1	−34 6	8.7	9.9	Ko	3	..	40728b
71	6493	28.1	−61 45	8.2	9.4	K2	3	..	42680b
72	4595	28.1	−63 28	6.56	6.9	F2	8	..	43204b
73	1106	28.1	−79 9	*9.7*	9.8	A2	3	..	21397b
74	3154	28.2	+48 53	5.57	*6.92*	Ma	..	0,7 R	56,99
75	4291	28.2	+16 25	6.71	*6.69*	B9	8	..	38507i
76	4566	28.2	+ 6 30	8.1	*8.4*	Fo	7	..	14203b
77	*4039*	28.2	+ 0 4	8.83	*8.83*	Ao	5	..	14203b
78	4940	28.2	− 3 42	8.4	*9.2*	G5	4	..	14692b
79	5397	28.2	− 8 22	9.8	*10.8*	Ko	1	..	40591b
80	15106	28.2	−26 34	9.1	9.7	F8	5	..	40897b
81	14977	28.2	−42 20	7.59	7.3	A2	8	..	39677b
82	13044	28.2	−50 40	7.7	9.4	K5	5	..	42801b
83	9721	28.2	−54 18	*9.8*	9.9	A2	2	..	42801b
84	7762	28.2	−58 8	*8.3*	9.4	K2	5	..	39698b
85	*7624*	28.2	−58 55	*9.2*	9.7	F8	2	..	39698b
86	6172	28.2	−62 54	*8.9*	9.5	Go	1	..	19897b
87	2207	28.3	+57 56	7.58	*8.58*	Ko	3	..	38795i
88	3499	28.3	+44 50	7.87	*7.87*	Ao	5	..	37874i
89	*4113*	28.3	+37 2	8.1	*8.1*	B9	4	..	38508i
90	3780	28.3	+27 10	8.4	*9.4*	Ko	3	..	38510i
91	4372	28.3	+12 23	8.6	*8.6*	Ao	3	..	12063b
92	5305	28.3	− 5 42	9.0	*9.8*	G5	4	..	40591b
93	5398	28.3	− 8 1	9.4	*10.2*	G5	4	..	40591b
94	5764	28.3	−12 4	8.6	*9.4*	G5	5	..	39502b
95	5700	28.3	−13 4	9.6	*10.1*	F8	3	..	39502b
96	5710	28.3	−18 46	10.0	*11.4*	Ko	1	..	40587b
97	16334	28.3	−23 35	8.5	9.7	Ma	4	..	40617b
98	14871	28.3	−25 23	9.9	10.9	K2	1	0,2-	40897b
99	*15108*	28.3	−25 59	9.7	10.3	Ko	2	..	40897b
100	14473	28.3	−34 29	8.7	9.3	Fo	5	..	40857b

195800 — $20^h\ 28^m.3$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14098	28.3	−41 3	9.4	9.5	F8	5	..	39677b
2	14034	28.3	−44 7	10.6	11.1	F8	2	..	39677b
3	9722	28.3	−54 30	9.1	10.2	Ko	2	..	42801b
4	7412	28.3	−60 19	8.8	9.1	K2	2	..	42680b
5	3855	28.3	−65 23	7.07	6.6	B9	7	..	43204b
6	714	28.4	+78 46	8.3	*8.9*	Go	2	..	38512i
7	2368	28.4	+54 15	8.2	*8.5*	Fo	4	..	37971i
8	4443	28.4	+19 56	8.1	*8.2*	A2	4	..	38507i
9	4293	28.4	+16 53	9.1	*9.1*	Ao	1	..	38507i
10	4321	28.4	+10 58	3.98	*3.86*	B5	..	0,R	2845c
11	5850	28.4	−19 37	8.39	9.0	A3	6	..	40587b
12	14474	28.4	−34 39	8.0	9.9	Mb	3	..	40857b
13	14109	28.4	−38 12	9.6	10.7	A5	2	..	40857b
14	14108	28.4	−38 26	6.45	7.5	A2	10	..	40857b
15	13871	28.4	−39 17	8.7	10.1	K2	3	..	40857b
16	*14100*	28.4	−40 59	9.4	11.3	K2	2	..	39677b
17	14068	28.4	−43 51	10.1	10.8	Fo	3	..	39677b
18	9425	28.4	−55 17	8.3	9.3	Go	6	..	42801b
19	508	28.4	−85 49	*7.9*	8.9	Ko	3	..	15173b
20	2882	28.5	+51 58	6.27	*7.27*	Ko	7	0,7	37971i
21	3792	28.5	+41 43	8.1	*8.4*	F	2	..	37874i
22	4195	28.5	+15 41	8.7	*8.7*	Ao	1	..	37938i
23	*4484*	28.5	+ 5 6	7.66	*7.72*	A2	6	..	38030i
24	4536	28.5	+ 0 55	8.0	*9.0*	Ko	5	..	14203b
25	5497	28.5	− 9 7	9.2	*9.3*	A2	7	..	40591b
26	5431	28.5	−10 28	8.6	*9.6*	Ko	5	..	40591b
27	5766	28.5	−12 41	6.96	*6.96*	Ao	9	..	39502b
28	5469	28.5	−22 32	9.6	9.6	Ko	2	..	40617b
29	17689	28.5	−31 5	9.7	10.3	K2	2	..	40897b
30	14476	28.5	−34 16	8.0	8.4	F5	8	..	40857b
31	13464	28.5	−47 0	10.1	11.5	Ko	2	..	39666b
32	2795	28.5	−70 25	*7.9*	8.9	Ko	6	..	42475b
33	4160	28.6	+35 24	8.6	*9.7*	K2	1	..	38508i
34	3786	28.6	+28 43	8.0	*9.1*	K2	1	..	38510i
35	3928	28.6	+26 52	7.13	*8.13*	Ko	6	..	38510i
36	*4296*	28.6	+17 1	8.5	*8.6*	A2	2	..	38507i
37	4316	28.6	+ 1 43	8.9	*9.7*	G5	3	..	14203b
38	5781	28.6	−14 4	6.24	*6.74*	F8	6	0,10	44062b
39	5635	28.6	−16 3	8.8	*9.3*	F8	4	..	39502b
40	6020	28.6	−17 37	9.6	*10.7*	K2	2	..	40587b
41	14876	28.6	−25 51	10.9	10.9	G5	2	..	40897b
42	17172	28.6	−29 53	9.7	9.9	A3	3	..	40897b
43	18013	28.6	−30 49	6.52	6.3	B9	7	..	43209b
44	14111	28.6	−38 26	9.0	9.8	F8	5	..	40857b
45	14103	28.6	−41 1	10.9	11.3	K5	1	..	39677b
46	*13154*	28.6	−48 57	9.7	10.6	Ko	1	..	39666b
47	7763	28.6	−58 46	*9.5*	10.3	G5	2	..	39698b
48	*3856*	28.6	−64 59	9.32	9.7	Go	1	..	20427b
49	2566	28.6	−71 26	*7.5*	8.9	Ma	5	5,5	42475b
50	*706*	28.7	+82 2	8.10	*8.52*	F5	6	..	37294i
51	1446	28.7	+64 27	9.6	*9.6*	A	1	..	37333i
52	2416	28.7	+55 26	8.1	*8.1*	Ao	3	..	37971i
53	3305	28.7	+49 12	8.1	*8.1*	B9	5	..	37874i
54	4069	28.7	+34 34	8.4	*8.9*	F8	2	..	38508i
55	3787	28.7	+28 42	8.2	*9.2*	Ko	1	..	38510i
56	5328	28.7	− 7 51	9.2	*10.0*	G5	4	..	40591b
57	5702	28.7	−13 44	8.8	*9.6*	G5	4	..	39502b
58	*5714*	28.7	−14 57	9.40	*9.96*	Go	3	..	39502b
59	5852	28.7	−19 44	7.63	8.0	Ao	8	..	40587b
60	5973	28.7	−20 28	9.6	10.2	Go	2	0,2	40617b
61	14896	28.7	−27 34	7.81	8.5	Ko	7	..	40897b
62	14211	28.7	−35 5	7.6	9.3	Ko	7	..	40857b
63	14249	28.7	−36 37	8.7	9.9	Ao	5	..	40857b
64	13939	28.7	−40 38	8.8	9.2	Go	6	..	39677b
65	14039	28.7	−44 50	10.6	11.1	G5	2	..	39677b
66	13467	28.7	−47 2	9.3	10.2	G5	3	..	39666b
67	13617	28.7	−48 7	10.3	10.6	Go	1	..	39666b
68	7625	28.7	−59 21	*9.4*	10.0	Go	3	..	39698b
69	6173	28.7	−62 54	*9.6*	10.6	Ko	1	..	39282b
70	3495	28.7	−66 18	*9.6*	10.2	Go	3	..	39282b
71	*2439*	28.8	+57 3	8.3	*8.7*	F5	2	..	38795i
72	2440	28.8	+56 34	8.6	*9.1*	F8	2	..	37971i
73	3796	28.8	+41 31	8.7	*8.7*	A	2	..	37874i
74	4253	28.8	+21 49	7.74	*7.72*	B9	4	..	38507i
75	4531	28.8	+18 18	8.7	*9.7*	Ko	1	..	38507i
76	4578	28.8	+ 9 11	8.5	*9.9*	Ma	2	..	12063b
77	4546	28.8	+ 5 39	9.3	*9.8*	F8	1	..	14203b
78	4317	28.8	+ 1 21	8.3	*9.3*	Ko	4	..	14203b
79	5330	28.8	− 7 41	9.2	*9.7*	F8	5	..	40591b
80	*5703*	28.8	−12 59	8.6	*9.6*	Ko	4	..	39502b
81	5717	28.8	−15 13	8.0	*9.1*	K2	4	..	39502b
82	5716	28.8	−15 50	8.4	*9.2*	G5	4	..	39502b
83	14877	28.8	−25 35	10.6	9.7	A3	5	..	40897b
84	*17174*	28.8	−28 55	8.5	9.8	G5	4	..	40897b
85	14040	28.8	−44 22	9.2	10.5	Ko	4	..	39677b
86	13618	28.8	−48 40	9.9	10.6	Go	2	..	39666b
87	9913	28.8	−53 2	8.7	10.2	K2	3	..	42801b
88	6174	28.8	−62 31	*8.1*	8.5	F5	6	..	42680b
89	4598	28.8	−63 14	*9.2*	9.7	F8	3	..	39282b
90	2132	28.9	+60 45	8.7	*9.2*	F8	2	..	38795i
91	2251	28.9	+59 32	8.1	*8.7*	Go	1	..	38795i
92	2441	28.9	+56 14	8.8	*9.4*	Go	1	..	37971i
93	*3944*	28.9	+34 2	8.6	*8.7*	A2	3	..	38508i
94	3790	28.9	+28 31	8.8	*9.1*	F	2	R	38502i
95	4548	28.9	+ 5 26	8.5	*9.5*	Ko	3	..	14203b
96	5498	28.9	− 9 23	10.3	*10.8*	F8	1	..	40591b
97	5433	28.9	−10 15	9.6	*10.7*	K2	3	..	40591b
98	5853	28.9	−19 16	9.8	10.5	Go	1	..	40587b
99	5758	28.9	−21 47	9.4	10.2	Ko	1	..	40617b
100	18016	28.9	−30 20	8.9	9.9	K2	3	..	40897b

195900 — $20^h\ 28^m.9$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14074	28.9	−43 45	8.7	9.3	Ko	7	..	39677b
2	14043	28.9	−44 41	6.53	7.7	Ko	..	0,9	**56**,146
3	12619	28.9	−51 14	7.4	8.5	G5	7	..	42801b
4	7414	28.9	−60 2	9.01	10.0	K5	1	..	42680b
5	1431	28.9	−76 28	*9.3*	9.6	Fo	3	..	19964b
6	1473	29.0	+65 53	9.1	*9.9*	G5	4	..	37333i
7	4126	29.0	+31 19	7.6	*7.4*	B	3	R	38510i
8	4101	29.0	+22 39	8.1	*8.2*	A2	5	..	38507i
9	4486	29.0	+ 4 34	6.68	*7.68*	Ko	7	..	38030i
10	6021	29.0	−17 15	9.2	*10.2*	Ko	3	..	40587b
11	15035	29.0	−33 34	9.3	9.9	Go	1	..	40728b
12	11719	29.0	−52 40	9.3	10.3	G5	1	..	42801b
13	9720	29.0	−57 6	8.7	9.3	F2	5	..	39698b
14	*1303*	29.1	+67 6	9.0	*9.6*	Go	3	..	37333i
15	2252	29.1	+59 24	8.1	*8.2*	A2	2	..	38795i
16	*2442*	29.1	+57 7	8.6	*9.7*	K2	1	..	38795i
17	*2419*	29.1	+56 1	8.5	*8.5*	B9	5	..	37971i
18	4138	29.1	+38 56	8.2	*8.2*	B9	4	..	38508i
19	*3930*	29.1	+27 7	8.8	*8.9*	A2	3	..	38510i
20	4258	29.1	+21 27	9.2	*9.2*	Ao	2	..	38507i
21	4310	29.1	+11 38	9.0	*9.1*	A5	2	..	13875b
22	4579	29.1	+ 9 43	6.44	*6.44*	Ao	7	0,9	38948i
23	5308	29.1	− 2 6	9.2	*9.3*	A3	2	..	14692b
24	4946	29.1	− 3 25	8.8	*8.9*	A2	4	..	14692b
25	*5401*	29.1	− 7 53	10.3	*10.9*	Go	1	..	40591b
26	5500	29.1	− 9 18	9.4	*10.6*	K5	1	..	40591b
27	5365	29.1	−11 37	8.8	*9.1*	Fo	5	..	40591b
28	5704	29.1	−13 44	9.2	*10.0*	G5	2	..	39502b
29	16346	29.1	−23 13	9.9	9.9	Go	2	..	40617b
30	18017	29.1	−30 33	8.7	9.9	Ko	2	..	40897b
31	18018	29.1	−30 47	8.9	9.9	Ko	2	..	40897b
32	13916	29.1	−45 37	9.7	10.0	F5	3	..	39666b
33	13470	29.1	−47 54	10.3	10.8	G5	2	..	39666b
34	13159	29.1	−49 9	11.0	11.2	Go	1	..	39666b
35	9915	29.1	−53 6	8.7	9.9	Ko	3	..	42801b
36	1449	29.1	−77 35	*9.0*	10.1	K2	2	..	19964b
37	1302	29.2	+66 24	9.1	*9.6*	F8	3	..	37333i
38	1823	29.2	+62 55	8.7	*9.8*	K2	2	..	37333i
39	*3135*	29.2	+48 2	8.6	*9.6*	K	1	..	37874i
40	*4074*	29.2	+35 4	8.82	*8.82*	Ao	1	..	38508i
41	4623	29.2	+20 46	8.8	*9.9*	K2	1	..	38507i
42	4199	29.2	+15 26	8.1	*8.1*	Ao	3	..	38948i
43	4378	29.2	+12 41	5.23	*5.29*	A2	..	2,R	**56**,99
44	4311	29.2	+11 46	8.6	*9.8*	K5	2	..	13875b
45	4043	29.2	− 0 49	7.9	*9.0*	K2	4	..	14692b
46	5523	29.2	− 6 11	8.52	*9.52*	Ko	5	..	40591b
47	5366	29.2	−11 24	10.0	*10.1*	A2	3	..	39502b
48	5367	29.2	−11 47	9.8	*10.8*	Ko	1	..	39502b
49	5770	29.2	−12 13	10.0	*11.0*	Ko	1	..	39502b
50	5768	29.2	−12 47	8.8	*9.8*	Ko	4	..	39502b
51	5786	29.2	−14 47	9.26	*9.82*	Go	3	..	39502b
52	5638	29.2	−16 8	8.0	*8.4*	F5	7	..	39502b
53	16348	29.2	−23 5	9.5	9.6	Ko	2	..	40617b
54	14883	29.2	−25 50	8.9	9.7	G5	4	..	40897b
55	18021	29.2	−30 28	9.1	10.3	Go	2	..	40897b
56	14983	29.2	−42 48	10.1	10.9	Ko	1	..	39677b
57	13918	29.2	−45 9	10.6	11.6	K2	1	..	39677b
58	13048	29.2	−50 26	9.2	10.3	Ko	3	..	42801b
59	12625	29.2	−51 46	9.9	10.3	G5	2	..	42801b
60	7415	29.2	−60 11	8.6	9.2	Ko	3	..	42680b
61	6495	29.2	−61 52	5.03	5.7	F5	..	*3*,R	**28**,215
62	3496	29.2	−66 52	*7.7*	8.5	G5	5	..	20427b
63	1475	29.3	+65 43	8.6	*9.8*	K5	4	..	37333i
64	2444	29.3	+56 26	6.31	*7.49*	K5	6	..	37971i
65	3136	29.3	+47 53	6.82	*6.63*	B2	..	0,4-	**56**,99
66	3945	29.3	+33 41	8.5	*8.9*	F5	2	..	38508i
67	4080	29.3	+29 11	7.50	*8.68*	K5	3	..	38510i
68	4281	29.3	+25 32	7.76	*7.76*	Ao	4	..	38510i
69	4627	29.3	+20 23	9.1	*9.2*	A2	1	..	38507i
70	4343	29.3	+14 22	8.1	*9.1*	Ko	1	..	37938i
71	4487	29.3	+ 4 15	8.7	*8.7*	B9	3	..	14203b
72	5402	29.3	− 8 2	8.6	*8.7*	A3	8	..	40591b
73	5501	29.3	− 9 25	9.1	*10.5*	Ma	3	..	40591b
74	5369	29.3	−11 15	9.8	*10.2*	F5	3	..	40591b
75	5706	29.3	−13 24	9.8	*10.3*	F8	2	..	39502b
76	5639	29.3	−16 39	10.3	*11.3*	Ko	1	..	40587b
77	5975	29.3	−20 29	10.0	10.5	K2	1	2,1	40617b
78	*16350*	29.3	−22 56	9.7	9.6	Ko	2	..	40617b
79	14887	29.3	−25 30	10.2	10.3	F8	1	..	40617b
80	14484	29.3	−34 28	8.0	9.0	K2	7	..	40857b
81	14255	29.3	−36 3	9.4	10.2	F8	2	..	40857b
82	13944	29.3	−40 2	8.13	9.0	Ko	6	..	39677b
83	9722	29.3	−57 33	*9.2*	9.6	F5	4	..	39698b
84	613	29.4	+82 31	8.7	*8.7*	Ao	3	..	37294i
85	3503	29.4	+44 39	7.50	*7.38*	B5	6	..	37874i
86	3778	29.4	+42 51	6.41	*6.24*	B3	9	..	37874i
87	3799	29.4	+41 32	7.04	*7.82*	G5	5	..	37874i
88	*4225*	29.4	+41 7	7.08	*7.64*	Go	5	..	37874i
89	4234	29.4	+39 57	9.2	*9.2*	Ao	3	..	38508i
90	4232	29.4	+39 31	7.9	*7.9*	Ao	4	..	38508i
91	4163	29.4	+35 39	8.6	*8.9*	F2	2	..	38508i
92	*3860*	29.4	+33 2	8.06	*8.48*	F5	2	..	32009i
93	4355	29.4	+17 51	7.32	*8.50*	K5	3	..	38507i
94	3998	29.4	− 1 2	7.9	*8.9*	Ko	6	..	14692b
95	5525	29.4	− 6 37	8.8	*8.8*	Ao	6	..	40591b
96	5331	29.4	− 7 35	9.2	*10.2*	Ko	2	..	40591b
97	5436	29.4	−10 51	10.3	*11.3*	Ko	1	..	39502b
98	5718	29.4	−15 5	9.2	*9.2*	Ao	4	..	39502b
99	5640	29.4	−16 43	9.8	*10.8*	Ko	1	..	40587b
100	5976	29.4	−20 45	10.0	10.2	G5	1	..	40617b

196000 — $20^h\ 29^m.4$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5475	29.4	−22 10	9.8	10.2	Fo	2	..	40617b
2	14903	29.4	−27 41	9.2	10.3	Ko	2	..	40897b
3	*17701*	29.4	−30 59	8.1	8.6	F8	7	..	40728b
4	9431	29.4	−55 50	9.1	9.9	Go	3	..	42801b
5	6496	29.4	−61 25	8.4	9.2	A3	5	2,4	19897b
6	3862	29.5	+32 34	7.08	*6.91*	B3	6	..	38508i
7	4201	29.5	+15 29	7.69	*8.47*	G5	3	5,1	38948i
8	4371	29.5	+ 3 36	8.9	*9.9*	Ko	4	..	14203b
9	4949	29.5	− 3 51	8.8	*8.9*	A5	4	..	14692b
10	*5503*	29.5	− 8 51	9.4	*10.4*	Ko	4	..	40591b
11	5502	29.5	− 9 27	10.0	*10.8*	G5	2	..	40591b
12	16774	29.5	−28 20	8.9	9.4	Go	4	..	40897b
13	13946	29.5	−40 5	9.4	9.3	F2	4	..	39677b
14	13921	29.5	−45 54	7.48	7.6	A3	8	..	39666b
15	9432	29.5	−55 49	8.8	9.6	F2	4	..	42801b
16	1325	29.5	−78 12	*8.8*	9.2	F5	4	..	42793b
17	2433	29.6	+53 49	7.48	*7.46*	B9	6	..	37971i
18	2966	29.6	+46 16	var.	var.	Ko	2	R	M
19	3213	29.6	+45 16	8.62	*8.62*	A	2	..	37874i
20	4226	29.6	+40 16	8.17	*8.17*	Ao	4	..	38508i
21	3787	29.6	+27 47	8.4	*8.4*	Ao	6	..	38510i
22	3788	29.6	+27 32	7.8	*7.9*	A5	5	..	38510i
23	4448	29.6	+19 35	7.7	*8.9*	K5	2	..	38507i
24	4582	29.6	+ 9 55	7.9	*8.9*	Ko	3	..	12063b
25	4576	29.6	+ 6 32	6.86	*6.74*	B5	7	..	38030i
26	4372	29.6	+ 3 51	8.9	*9.3*	F5	2	..	14203b
27	5310	29.6	− 2 37	9.2	*9.8*	Go	1	..	14692b
28	*5438*	29.6	− 9 55	7.41	*7.41*	Ao	10	..	40591b
29	5713	29.6	−18 37	9.6	*10.2*	Go	3	..	40587b
30	5856	29.6	−19 26	9.4	10.2	G5	2	..	40587b
31	*5761*	29.6	−20 58	9.6	10.5	K5	2	..	40617b
32	16356	29.6	−23 52	8.7	9.3	G5	5	..	40617b
33	742	29.7	+75 49	9.22	*9.50*	Fo	3	2,1	6443m
34	4284	29.7	+25 17	8.16	*9.34*	K5	1	..	38510i
35	4629	29.7	+20 38	6.28	*6.11*	B3	8	..	38507i
36	4450	29.7	+19 11	7.6	*9.0*	Mb	3	..	38507i
37	4357	29.7	+17 30	8.1	*9.3*	K5	1	..	38507i
38	4325	29.7	+10 59	8.5	*9.6*	K2	3	3,2	12063b
39	4197	29.7	+ 2 9	9.1	*9.2*	A5	3	..	14203b
40	5312	29.7	− 2 42	9.4	*9.4*	Ao	3	..	14692b
41	5505	29.7	− 9 0	9.4	*10.4*	Ko	4	..	40591b
42	*5788*	29.7	−13 59	9.8	*10.6*	G5	1	..	39502b
43	5714	29.7	−18 7	8.6	*8.9*	Fo	7	..	40587b
44	16131	29.7	−24 14	9.5	9.7	Ko	2	..	40617b
45	18028	29.7	−30 53	8.1	9.2	A5	6	..	40728b
46	17705	29.7	−31 27	8.9	9.9	Ko	2	..	40897b
47	13881	29.7	−39 14	8.7	10.4	Ko	2	..	40897b
48	13882	29.7	−39 35	9.4	9.8	F8	4	..	40857b
49	13621	29.7	−46 21	9.9	10.2	Fo	3	..	39666b
50	*6497*	29.7	−60 59	8.2	8.2	Go	6	..	42680b
51	1434	29.7	−76 32	6.14	7.1	Fo	..	5,R	56,146
52	1824	29.8	+62 56	9.3	*9.6*	F	2	..	37333i
53	2254	29.8	+59 44	7.56	*7.56*	Ao	5	..	38795i
54	4165	29.8	+24 29	8.8	*8.9*	A2	1	..	38510i
55	4490	29.8	+ 4 53	8.5	*9.9*	Ma	1	..	14203b
56	4374	29.8	+ 3 31	9.1	*9.2*	A5	2	..	14203b
57	4542	29.8	+ 0 19	8.53	*8.53*	Ao	6	..	14203b
58	5507	29.8	− 9 21	8.4	*8.5*	A2	8	..	40591b
59	5771	29.8	−12 3	10.3	*11.3*	Ko	1	R	39502b
60	*5790*	29.8	−13 57	9.8	*10.8*	Ko	1	..	39502b
61	5791	29.8	−14 15	9.8	*10.8*	Ko	1	..	39502b
62	15124	29.8	−26 46	10.4	10.6	Go	1	..	40897b
63	14124	29.8	−38 3	9.0	9.5	F5	3	..	40857b
64	13926	29.8	−45 48	8.6	9.0	Fo	5	..	39666b
65	13052	29.8	−50 8	9.3	10.3	Go	3	..	42801b
66	9916	29.8	−53 49	*10.2*	10.2	Ao	1	..	42801b
67	1644	29.8	−75 42	7.08	7.1	G5	..	5,R	56,144
68		29.8	−75 42	7.60					
69	*2026*	29.9	+62 7	7.9	*7.9*	Ao	6	1,4	38795i
70	2373a	29.9	+54 38	var.	var.	Md	..	R	M
71	4134	29.9	+31 44	8.7	*8.7*	A	1	..	38510i
72	4085	29.9	+29 20	8.4	*8.4*	Ao	4	..	38510i
73	*4451*	29.9	+20 5	8.45	*9.52*	K2	1	..	38507i
74	*5311*	29.9	− 4 57	9.00	*10.00*	Ko	3	..	40591b
75	5404	29.9	− 8 36	9.4	*10.5*	K2	2	..	40591b
76	5509	29.9	− 9 43	9.06	*10.24*	K5	1	..	40591b
77	5370	29.9	−11 41	8.5	*9.6*	K2	3	..	40591b
78	*6027*	29.9	−16 52	6.20	*6.34*	A5	9	..	39502b
79	5716	29.9	−18 4	9.6	*9.9*	Fo	4	..	40587b
80	16134	29.9	−24 43	7.46	8.2	Ko	9	..	40897b
81	14911	29.9	−27 7	7.03	7.5	F5	10	..	40897b
82	13824	29.9	−37 27	8.7	9.9	Ko	2	..	40857b
83	14118	29.9	−41 30	10.7	10.9	F2	3	..	39677b
84	9917	29.9	−53 25	9.3	10.2	G5	2	..	42801b
85	*2257*	30.0	+60 6	7.11	*7.45*	F2	6	..	38795i
86	2211	30.0	+57 23	8.1	*8.1*	Ao	3	..	38795i
87	2744	30.0	+52 41	7.65	*7.71*	A2	4	..	37971i
88	3310	30.0	+49 29	6.73	*6.73*	Ao	5	R	37874i
89		30.0	+49 29			G			
90	2969	30.0	+46 49	7.8	*8.6*	G5	2	..	37874i
91	4149	30.0	+38 29	8.6	*8.6*	Ao	2	..	38508i
92	4148	30.0	+38 14	8.0	*8.0*	Ao	4	..	38508i
93	4079	30.0	+34 54	4.85	*6.03*	K5	..	0,R	56,99
94		30.0	+34 54			A3			
95	3792	30.0	+27 49	9.3	*9.4*	A2	1	..	38510i
96	5335	30.0	− 7 33	9.4	*10.5*	K2	1	..	40591b
97	*5405*	30.0	− 7 55	10.0	*10.0*	Ao	3	..	40591b
98	5441	30.0	−10 36	10.3	*11.1*	G5	1	..	39502b
99	5709	30.0	−13 18	8.6	*9.6*	Ko	5	..	39502b
100	6029	30.0	−17 34	9.1	*9.2*	A2	6	..	40587b

196100

20h 30m.0

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5861	30.0	−19 26	8.6	9.3	Ko	6	..	40587b
2	16360	30.0	−23 52	9.7	9.3	A5	5	..	40617b
3	14267	30.0	−36 6	9.0	10.2	Ko	3	..	40857b
4	14127	30.0	−38 22	9.0	11.0	Mb	1	..	40857b
5	13950	30.0	−40 30	10.2	10.9	Fo	3	..	39677b
6	13622	30.0	−46 48	10.1	10.7	Ao	3	..	39666b
7	7764	30.0	−58 13	8.1	8.2	F5	8	..	39698b
8	1133	30.1	+68 55	8.7	*9.2*	F8	4	E	37333i
9	2422	30.1	+55 37	8.1	*8.2*	A2	2	..	37971i
10	*4383*	30.1	+13 8	7.32	*7.38*	A2	4	..	37938i
11	4497	30.1	+ 7 17	8.9	*10.0*	K2	1	..	12063b
12	4578	30.1	+ 6 11	7.9	*8.9*	Ko	5	..	14203b
13	*5528*	30.1	− 5 52	7.64	*8.14*	F8	6	..	14692b
14	5527	30.1	− 6 38	8.6	*8.9*	F2	6	..	40591b
15	..	30.1	−14 16	..	..	Go	1	..	39502b
16	17712	30.1	−31 3	10.4	10.7	Mb	1	..	40897b
17	9527	30.1	−56 17	9.3	9.9	Go	2	..	42801b
18	2134	30.2	+58 28	8.7	*8.7*	Ao	1	..	38795i
19	4150	30.2	+38 21	8.0	*8.0*	Ao	3	..	38508i
20	4081	30.2	+34 20	6.62	*6.57*	B8	..	*3,9*	56,99
21	4326	30.2	+10 59	8.5	*9.1*	Go	3	*2,3*	12063b
22	4583	30.2	+ 9 17	8.5	*8.8*	F2	4	..	12063b
23	4580	30.2	+ 6 55	8.7	*9.9*	K5	1	..	12063b
24	4556	30.2	+ 5 47	8.7	*9.8*	K2	2	..	12063b
25	5315	30.2	− 2 23	8.0	*8.3*	Fo	7	..	14692b
26	5642	30.2	−16 14	10.3	*10.9*	Go	1	..	40587b
27	5718	30.2	−18 19	9.4	*9.9*	F8	4	..	40587b
28	16784	30.2	−28 50	9.7	10.9	K2	2	..	40897b
29	7765	30.2	−58 41	9.2	9.4	Fo	3	..	39698b
30	*6498*	30.2	−60 57	8.8	9.2	K2	2	..	42680b
31	1826	30.3	+62 10	8.7	*9.9*	K5	1	..	38795i
32	3313	30.3	+49 46	7.87	*9.05*	K5	1	..	38477i
33	3505	30.3	+44 50	6.62	*6.62*	Ao	8	..	37874i
34	3805	30.3	+41 25	6.43	*7.43*	Ko	7	..	37874i
35	4581	30.3	+ 6 17	8.7	*9.3*	Go	3	..	14203b
36	4557	30.3	+ 5 56	7.7	*7.8*	A2	5	..	38030i
37	4558	30.3	+ 5 23	9.1	*9.1*	Ao	3	..	14203b
38	4322	30.3	+ 1 57	9.1	*9.5*	F5	3	..	14203b
39	5338	30.3	− 7 15	9.8	*10.3*	F8	1	..	40591b
40	*5372*	30.3	−10 59	10.3	*10.8*	F8	2	..	39502b
41	13930	30.3	−45 5	8.3	8.7	G5	6	..	39666b
42	957	30.4	+72 12	6.42	*7.49*	K2	6	..	37224i
43	*2435*	30.4	+54 6	7.06	*8.41*	Ma	2	..	37971i
44	3506	30.4	+44 29	8.9	*8.8*	B5	3	..	1338f
45	3796	30.4	+27 45	8.6	*8.7*	A5	2	..	38510i
46	4584	30.4	+ 9 56	8.5	*8.6*	A2	6	..	12063b
47	5315	30.4	− 5 4	8.00	*8.78*	G5	4	..	14692b
48	5529	30.4	− 6 0	9.6	*10.1*	F8	2	..	40591b
49	5777	30.4	−12 10	10.0	*10.5*	F8	2	..	39502b
50	5794	30.4	−14 10	9.2	*9.8*	Go	4	..	39502b
51	13829	30.4	−37 44	7.39	9.0	Ko	8	..	40857b
52	14992	30.4	−42 2	9.2	10.9	Ko	2	..	39677b
53	12632	30.4	−51 40	9.7	10.0	Go	2	..	42801b
54	7416	30.4	−60 16	..	10.3	Go	3	..	39282b
55	*1921*	30.4	−73 59	*8.9*	9.9	Ko	1	..	45404b
56	675	30.5	+79 52	7.42	*7.42*	Ao	6	..	38512i
57	2135	30.5	+60 52	8.7	*9.8*	K2	1	..	38795i
58	2423	30.5	+55 41	8.3	*8.4*	A2	2	..	37971i
59	4389	30.5	+12 10	8.5	*8.8*	Fo	2	..	12063b
60	4323	30.5	+ 1 30	8.3	*9.5*	K5	3	..	14203b
61	4955	30.5	− 3 40	8.5	*8.8*	F2	3	..	14692b
62	5724	30.5	−15 1	9.4	*10.8*	Mb	1	..	39502b
63	5863	30.5	−19 37	10.5	10.5	Ao	1	..	40587b
64	5767	30.5	−21 19	9.0	8.8	Go	5	..	40617b
65	5766	30.5	−21 23	10.4	10.5	A	1	..	40617b
66	15133	30.5	−26 53	9.1	9.1	A3	6	..	40897b
67	17716	30.5	−31 10	8.5	10.4	G5	1	..	40897b
68	14121	30.5	−41 36	9.4	10.1	F5	5	..	39677b
69	14120	30.5	−41 41	10.0	10.4	F8	3	..	39677b
70	14091	30.5	−43 42	10.3	10.7	Go	3	..	39677b
71	13477	30.5	−47 38	3.21	*4.21*	Ko	..	R	28,215
72	9919	30.5	−53 5	8.5	9.7	Ko	3	..	42801b
73	R	30.5	−60 25	..	..	K2	1	..	39282b
74	6499	30.5	−61 29	*9.3*	9.7	F5	1	..	19897b
75	1646	30.5	−75 25	*7.8*	8.8	Ko	4	..	42475b
76	822	30.5	−82 38	*8.8*	9.6	G5	3	..	21397b
77	2746	30.6	+52 27	7.64	*8.82*	K5	1	..	37971i
78	2977	30.6	+46 21	5.59	*5.57*	B9	9	0,10	38477i
79	3978	30.6	+37 31	7.40	*8.40*	Ko	4	..	38508i
80	4353	30.6	+14 20	4.69	*4.75*	A2	..	0,9R	2050c
81	4328	30.6	+10 24	7.9	*7.9*	Ao	5	0,4	12063b
82	4584	30.6	+ 6 36	6.51	*6.49*	B9	9	..	38030i
83	5406	30.6	− 8 3	10.0	*10.8*	G5	1	..	40591b
84	5446	30.6	−10 13	9.2	*10.2*	Ko	2	..	40591b
85	5795	30.6	−14 24	9.4	*10.2*	G5	2	..	39502b
86	6031	30.6	−17 22	8.8	*9.8*	Ko	6	..	40587b
87	5864	30.6	−19 18	9.8	10.5	Ko	1	..	40587b
88	16370	30.6	−23 3	9.1	9.8	Ko	3	..	40617b
89	16078	30.6	−32 34	8.0	9.3	F5	5	..	40728b
90	13954	30.6	−40 17	8.7	9.5	F2	5	..	39677b
91	9920	30.6	−53 9	8.4	9.9	G5	4	..	42801b
92	9438	30.6	−55 29	9.0	9.9	K2	2	..	42801b
93	3378	30.6	−68 40	*9.4*	9.8	F5	2	..	20427b
94	*2135*	30.7	+59 3	8.8	*8.8*	Ao	3	..	38795i
95	2374	30.7	+54 27	7.02	*7.36*	F2	7	..	37971i
96	*3217*	30.7	+46 4	7.7	*7.7*	B9	4	..	37874i
97	3865	30.7	+32 10	6.83	*7.83*	Ko	3	..	38510i
98	3799	30.7	+28 13	8.8	*8.9*	A2	4	..	38510i
99	4065	30.7	+23 22	8.2	*8.6*	F5	4	..	38507i
100	4452	30.7	+19 10	9.0	*10.1*	K2	1	..	38507i

196200 — $20^h\ 30^m.7$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4330	30.7	+11 0	8.5	9.3	G5	3	0,2	12063b
2	4202	30.7	+ 2 29	9.1	9.2	A3	2	..	14203b
3	4050	30.7	− 0 20	7.15	7.65	F8	4	3,9	38030i
4	5725	30.7	−15 40	8.4	8.9	F8	5	..	39502b
5	5726	30.7	−15 47	9.4	10.4	Ko	1	..	39502b
6	5645	30.7	−16 16	9.6	10.0	F5	3	..	39502b
7	5768	30.7	−20 56	7.29	8.3	Ko	8	..	40587b
8	16145	30.7	−24 32	9.7	10.0	K2	3	..	40897b
9	16790	30.7	−28 23	9.9	10.0	F8	2	..	40897b
10	14127	30.7	−40 58	10.9	10.7	A5	3	..	39677b
11	14995	30.7	−42 23	9.7	11.0	G5	2	..	39677b
12	14094	30.7	−43 23	8.1	7.7	Ao	10	..	39677b
13	13626	30.7	−48 49	10.1	10.6	G5	2	..	39666b
14	805	30.8	+76 29	9.0	9.4	F5	3	..	6443m
15	3507	30.8	+44 47	8.02	9.02	Ko	3	..	37874i
16	3786	30.8	+43 1	7.04	7.38	F2	4	..	37874i
17	4142	30.8	+32 7	8.6	8.6	Ao	1	..	38510i
18	4203	30.8	+ 2 57	7.9	8.4	F8	5	..	38030i
19	5342	30.8	− 7 2	9.2	10.0	G5	3	..	40591b
20	5408	30.8	− 8 3	9.6	10.0	F5	3	..	40591b
21	5511	30.8	− 9 7	10.3	10.6	F2	3	..	40591b
22	5778	30.8	−12 44	7.04	8.11	K2	8	..	39502b
23	5646	30.8	−15 53	9.2	10.2	Ko	3	..	39502b
24	9439	30.8	−55 52	9.5	10.5	Ko	1	..	42801b
25	6500	30.8	−61 11	9.3	9.9	K2	1	..	42680b
26	2541	30.8	−72 8	10.2	11.6	Ma	..	..	M
27	1436	30.8	−76 54	7.8	8.4	Go	8	..	42793b
28	1451	30.8	−77 13	9.3	9.7	F5	2	..	42793b
29	1449	30.9	+65 2	6.79	7.79	Ko	7	..	37333i
30	2748	30.9	+53 7	8.0	8.1	A3	2	..	37971i
31	4008	30.9	− 1 51	8.92	9.92	Ko	1	R	14692b
32	5779	30.9	−11 56	9.6	10.6	Ko	2	..	39502b
33	15139	30.9	−25 59	8.7	9.7	K2	4	..	40897b
34	17723	30.9	−30 59	8.9	10.3	G5	2	..	40897b
35	14096	30.9	−43 51	8.6	8.1	F8	8	..	39677b
36	13627	30.9	−48 54	7.8	7.9	B9	8	..	39666b
37	12633	30.9	−50 58	7.4	9.1	K2	6	..	42801b
38	3858	30.9	−64 57	8.12	9.1	F8	6	R	20427b
39	2749	31.0	+52 29	7.24	7.24	Ao	6	..	37971i
40	3811	31.0	+41 39	7.8	7.8	Ao	3	..	37874i
41	4240	31.0	+40 45	6.82	8.00	K5	4	..	38508i
42	4143	31.0	+31 41	8.2	9.4	K5	1	..	38510i
43	4092	31.0	+29 55	7.41	7.29	B5	5	..	38510i
44	3799	31.0	+28 4	8.2	8.3	A2	3	..	38510i
45	4587	31.0	+ 6 44	8.1	8.5	F5	3	..	12063b
46	5512	31.0	− 9 41	8.8	8.8	Ao	8	..	40591b
47	5449	31.0	− 9 57	10.0	10.5	F8	2	..	40591b
48	5448	31.0	−10 11	9.0	9.8	G5	5	..	40591b
49	5447	31.0	−10 35	9.2	10.0	G5	3	..	40591b
50	5797	31.0	−14 27	9.4	10.4	Ko	2	..	39502b
51	5984	31.0	−20 10	9.2	10.7	Ko	4	..	40587b
52	14920	31.0	−27 21	9.1	9.7	F8	3	..	40897b
53	17724	31.0	−31 34	8.5	10.3	Ko	2	..	40897b
54	14500	31.0	−34 30	8.0	8.7	Go	7	..	40857b
55	14501	31.0	−34 52	8.78	9.4	Ko	4	..	40857b
56	14232	31.0	−35 5	8.7	9.4	Go	5	..	40857b
57	13628	31.0	−47 55	9.7	11.2	Ma	1	..	39666b
58	13060	31.0	−50 18	9.7	10.6	Ko	1	..	39666b
59	13061	31.0	−50 28	9.9	10.6	Fo	1	..	39666b
60	11725	31.0	−52 11	8.9	10.6	K5	1	..	42801b
61	9727	31.0	−54 20	9.2	10.2	Fo	2	..	42801b
62	9727	31.0	−57 27	9.2	10.2	Ko	1	..	39698b
63	7768	31.0	−58 12	9.2	9.2	F5	3	..	39698b
64	7767	31.0	−58 20	8.9	9.9	Ko	2	..	39698b
65	6501	31.0	−61 53	7.1	7.3	B9	8	..	42680b
66	4061	31.0	−64 51	9.56	10.3	Go	3	..	39282b
67	1327	31.0	−78 21	9.2	9.8	Go	2	..	19964b
68	780	31.1	+77 59	8.7	9.3	Go	1	..	38512i
69	2136	31.1	+60 47	8.7	9.2	F8	2	..	38795i
70	3958	31.1	+33 12	8.2	8.2	Aop	4	R	38508i
71	4355	31.1	+15 2	8.09	9.27	K5	1	..	37938i
72	5321	31.1	− 5 43	8.7	9.8	K2	4	..	40591b
73	5513	31.1	− 9 34	9.2	9.7	F8	5	..	40591b
74	5780	31.1	−11 53	10.3	10.8	F8	1	..	39502b
75	17199	31.1	−29 4	7.96	9.3	K2	5	..	40897b
76	15069	31.1	−33 33	8.7	10.3	Ko	1	..	40728b
77	14129	31.1	−41 34	6.84	7.3	F5	9	..	39677b
78	13633	31.1	−46 18	10.3	10.8	Fo	1	..	39666b
79	9728	31.1	−57 15	9.6	10.2	Go	1	..	39698b
80	1477	31.2	+65 19	9.10	9.44	F2	2	..	37333i
81	2750	31.2	+52 15	7.7	8.8	K2	2	..	37971i
82	3317	31.2	+49 25	7.33	8.51	K5	2	..	37874i
83	4009	31.2	− 0 52	9.0	9.8	G5	2	..	14692b
84	5376	31.2	−10 59	9.1	9.9	G5	3	..	40591b
85	6034	31.2	−17 22	9.4	9.8	F5	6	..	40587b
86	5865	31.2	−19 30	10.0	11.3	F8	2	..	40587b
87	5773	31.2	−20 55	8.8	8.3	Ao	8	..	40587b
88	14283	31.2	−36 53	10.0	10.2	Go	3	..	40857b
89	14136	31.2	−37 57	9.6	10.9	Go	2	..	40857b
90	14133	31.2	−41 47	8.7	10.1	G5	5	..	39677b
91	13065	31.2	−50 12	9.3	10.3	Ko	2	..	39666b
92	7626	31.2	−59 51	8.9	9.4	F8	3	..	39698b
93	1107	31.2	−79 27	9.1	10.3	K5	1	..	21397b
94	2136	31.3	+59 9	8.1	8.1	Ao	2	..	38795i
95	4139	31.3	+36 30	7.9	8.9	Ko	1	..	38508i
96	4173	31.3	+35 48	8.8	8.8	Ao	1	..	38508i
97	3800	31.3	+27 18	8.2	8.2	Ao	6	..	38510i
98	17202	31.3	−29 42	9.9	10.4	Go	1	..	40897b
99	14135	31.3	−41 11	10.9	10.7	Go	3	..	39677b
100	13175	31.3	−49 21	11.0	11.2	Ko	1	..	39666b

196300

20h 31m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	9441	31.3	−55 29	8.6	9.0	F2	5	..	42801b
2	7417	31.3	−60 2	*8.9*	10.0	K2	2	..	39698b
3	3128	31.3	−69 52	8.08	8.3	Ao	6	..	42475b
4	870	31.4	+74 40	8.8	*8.9*	A2	3	2,4	37224i
5	3814	31.4	+41 22	7.36	*7.34*	B9	6	..	37874i
6	4322	31.4	+11 21	9.0	*9.0*	Ao	3	2,2	12063b
7	4052	31.4	− 0 3	8.5	*9.6*	K2	1	..	14692b
8	5516	31.4	− 9 32	8.8	*9.8*	Ko	5	..	40591b
9	*5377*	31.4	−10 57	9.4	*10.2*	G5	2	..	40591b
10	5713	31.4	−13 5	7.63	*7.91*	Fo	7	..	39502b
11	5866	31.4	−19 48	10.0	10.4	F5	2	..	40587b
12	*16152*	31.4	−23 59	10.9	10.0	F2	2	..	40617b
13	17729	31.4	−31 23	9.2	10.4	K2	2	..	40897b
14	14285	31.4	−36 25	8.0	9.1	Go	7	..	40857b
15	13894	31.4	−39 35	8.7	10.1	Ko	3	..	40857b
16	9442	31.4	−55 2	8.4	9.4	Go	5	..	42801b
17	4602	31.4	−63 15	6.36	7.6	Ko	10	..	20427b
18	3860	31.4	−65 25	*8.4*	9.5	K2	4	..	20427b
19	2982	31.5	+46 29	8.8	*8.8*	Ao	1	..	38477i
20	4563	31.5	+ 5 51	8.4	*9.6*	K5	2	..	14203b
21	*4961*	31.5	− 2 54	5.22	*6.40*	K5	7	0,10	8604b
22	15073	31.5	−33 3	9.0	10.3	Ao	2	..	40728b
23	14136	31.5	−41 4	10.9	11.3	Go	2	..	39677b
24	14139	31.5	−41 14	10.7	11.5	K5	1	..	39677b
25	14062	31.5	−44 52	7.36	7.7	Ko	8	..	39666b
26	9729	31.5	−54 12	8.2	8.7	Fo	7	..	42801b
27	9729	31.5	−57 17	*9.4*	10.2	G5	1	..	39698b
28	*7418*	31.5	−59 58	*9.4*	9.9	F8	4	..	39698b
29	1633	31.6	+63 27	8.7	*8.8*	A2	2	..	37333i
30	3166	31.6	+48 50	7.04	*7.02*	B9	6	..	37874i
31	2983	31.6	+46 30	8.1	*9.1*	Ko	1	..	38477i
32	*4183*	31.6	+25 8	7.46	*7.46*	Ao	6	..	38510i
33	5518	31.6	− 9 7	9.2	*10.2*	Ko	3	..	40591b
34	*5784*	31.6	−11 51	9.1	*10.3*	K5	2	..	39502b
35	5785	31.6	−12 15	9.1	*9.6*	F8	4	..	39502b
36	5714	31.6	−13 14	9.4	*10.2*	G5	1	..	39502b
37	5731	31.6	−15 5	9.2	*10.2*	Ko	1	..	39502b
38	5986	31.6	−20 12	8.6	8.6	A3	6	..	40587b
39	17731	31.6	−31 11	10.4	10.7	A	1	..	40897b
40	16087	31.6	−32 18	9.3	10.4	G5	1	..	40728b
41	15079	31.6	−33 47	7.6	8.0	Ao	9	..	40857b
42	*13895*	31.6	−38 56	9.4	10.7	Go	2	..	40857b
43	1450	31.7	+64 21	8.2	*8.5*	F2	3	..	37333i
44	4091	31.7	+34 49	8.6	*8.6*	Ao	4	..	38508i
45	4315	31.7	+16 28	6.67	*7.74*	K2	5	..	38507i
46	*4327*	31.7	+ 2 8	7.6	*8.6*	Ko	6	..	14203b
47	5716	31.7	−13 32	8.0	*8.4*	F5	8	..	39502b
48	5732	31.7	−15 30	6.93	*7.93*	Ko	8	..	39502b
49	5649	31.7	−16 23	9.0	*10.0*	Ko	3	..	39502b
50	6037	31.7	−17 14	10.3	*11.4*	K2	1	..	40587b
51	5726	31.7	−18 7	10.0	*10.6*	Go	1	..	40587b
52	5727	31.7	−18 7	9.8	*10.3*	F8	3	..	40587b
53	5867	31.7	−19 36	9.2	9.5	Ao	5	..	40587b
54	17209	31.7	−29 10	8.9	10.4	Ko	2	..	40897b
55	13963	31.7	−40 19	10.4	10.9	Fo	2	..	39677b
56	15002	31.7	−42 54	11.0	11.5	G5	1	..	39677b
57	14063	31.7	−44 47	11.0	11.3	F8	1	..	39677b
58	*1110*	31.8	+70 7	8.09	*8.09*	Ao	4	..	37333i
59	*3662*	31.8	+44 3	7.23	*7.51*	Fo	6	..	37874i
60	3818	31.8	+41 32	6.53	*7.53*	Ko	5	..	37874i
61	*4179*	31.8	+36 8	8.0	*8.8*	G5	2	..	38508i
62	4299	31.8	+25 34	6.29	*6.35*	A2	8	2,9	37940i
63	4363	31.8	+17 27	8.9	*9.2*	F2	2	..	38507i
64	4326	31.8	+11 15	9.3	*9.3*	B9	3	0,2	12063b
65	*4588*	31.8	+10 6	8.72	*9.28*	Go	2	..	13875b
66	4472	31.8	+ 8 14	8.14	*8.14*	Ao	4	..	12063b
67	*4504*	31.8	+ 8 0	8.5	*9.0*	F8	2	..	12063b
68	4328	31.8	+ 1 17	9.14	*9.42*	Fo	3	..	14203b
69	4550	31.8	+ 0 36	8.5	*8.9*	F5	4	..	14203b
70	5412	31.8	− 8 15	9.0	*9.6*	Go	3	..	40591b
71	5378	31.8	−11 25	9.1	*10.2*	K2	1	..	40591b
72	*6038*	31.8	−16 56	10.3	*10.3*	Ao	3	..	40587b
73	5776	31.8	−21 41	8.5	8.6	F5	7	..	40617b
74	16156	31.8	−24 44	8.5	7.7	Ao	7	..	40617b
75	*14917*	31.8	−24 57	9.7	10.3	Go	2	..	40617b
76	15151	31.8	−26 47	9.4	10.6	K2	2	..	40897b
77	17734	31.8	−31 44	8.1	9.2	G5	6	..	40728b
78	7419	31.8	−60 53	5.30	5.9	F8	..	0,R	**28**,215
79	2895	31.9	+51 31	6.26	*6.54*	Fo	9	..	37971i
80	4640	31.9	+20 15	8.90	*8.90*	Ao	2	..	38507i
81	4205	31.9	+ 2 42	8.6	*9.1*	F8	4	..	14203b
82	4055	31.9	− 0 38	9.3	*9.4*	A2	1	..	14692b
83	5453	31.9	−10 13	10.3	*11.3*	Ko	1	..	40591b
84	5484	31.9	−22 48	7.13	7.8	F5	8	..	40617b
85	14920	31.9	−25 28	6.26	6.9	Fo	10	..	40617b
86	18059	31.9	−30 55	7.97	8.0	Fo	7	..	40728b
87	17736	31.9	−31 20	7.44	8.7	K2	6	..	40728b
88	16091	31.9	−32 25	9.3	10.4	G5	1	..	40728b
89	13965	31.9	−40 31	10.9	10.4	F8	3	..	39677b
90	13178	31.9	−49 41	7.56	8.2	Go	9	..	39666b
91	9446	31.9	−55 6	*9.5*	9.9	F5	2	..	42801b
92	2568	31.9	−71 17	*8.0*	8.1	A2	7	..	42475b
93	1307	32.0	+66 55	9.5	*10.3*	G5	1	..	37333i
94	3514	32.0	+44 56	8.3	*8.4*	A3	4	..	37874i
95	*4014*	32.0	− 0 51	8.9	*10.1*	K5	1	..	14692b
96	4015	32.0	− 1 40	7.7	*8.5*	G5	7	..	14692b
97	5787	32.0	−12 13	8.7	*9.5*	G5	4	..	39502b
98	16807	32.0	−28 9	9.7	10.3	K2	2	..	40897b
99	15005	32.0	−42 7	8.7	10.1	Ko	5	..	39677b
100	13639	32.0	−46 37	10.1	11.1	G5	1	..	39666b

196400 — $20^h\ 32^m.0$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13179	32.0	−49 25	9.5	9.4	F2	6	..	39666b
2	12647	32.0	−51 0	8.7	10.0	Ko	4	..	42801b
3	4063	32.0	−64 32	*7.8*	8.8	Ko	6	..	20427b
4	2799	32.0	−70 35	*9.7*	10.7	Ko	1	..	42475b
5	*744*	32.1	+76 8	9.6	*10.0*	F5	1	..	6443m
6	1308	32.1	+66 58	8.3	*8.9*	Go	4	..	37333i
7	2028	32.1	+61 25	6.90	*6.90*	Ao	7	0,7	38795i
8	3988	32.1	+37 17	8.8	*10.2*	Ma	..	..	M
9	4144	32.1	+36 42	8.5	*8.6*	A2	1	..	38508i
10	4317	32.1	+16 21	8.5	*8.5*	Ao	3	..	38507i
11	4364	32.1	+14 23	8.3	*8.4*	A5	1	..	37938i
12	5454	32.1	−10 31	9.4	*10.5*	K2	2	..	40591b
13	6039	32.1	−17 28	6.96	*6.96*	Ao	3	..	44062b
14	5868	32.1	−19 7	9.1	9.5	A3	5	..	40587b
15	5485	32.1	−22 6	10.0	11.3	K2	1	..	40617b
16	17740	32.1	−31 18	7.66	8.9	K2	7	..	40728b
17	11731	32.1	−52 37	8.4	9.1	F8	5	..	42801b
18	7769	32.1	−58 13	*9.3*	9.7	F5	2	..	39698b
19	977	32.1	−80 41	8.45	8.6	Fo	7	..	21397b
20	1126	32.2	+70 11	6.72	*6.72*	Ao	7	..	38573i
21	2219	32.2	+57 35	7.9	*7.8*	B5	4	..	38795i
22	3990	32.2	+37 57	8.6	*9.8*	K5	1	..	38508i
23	4331	32.2	+11 42	8.1	*8.9*	G5	1	..	37938i
24	*4591*	32.2	+10 8	8.57	*9.35*	G5	3	..	13875b
25	4474	32.2	+ 8 38	7.9	*8.0*	A5	7	..	12063b
26	4056	32.2	− 0 15	6.16	*6.11*	B8	8	..	38030i
27	5349	32.2	− 7 7	8.8	*9.9*	K2	3	..	40591b
28	5455	32.2	−10 43	10.5	*11.1*	Go	1	..	39502b
29	16382	32.2	−23 5	9.5	10.7	Ko	1	..	40617b
30	16161	32.2	−24 35	6.71	7.3	A3	10	..	40617b
31	15160	32.2	−26 50	9.5	10.6	Ko	2	..	40897b
32	13969	32.2	−40 27	10.7	10.9	Fo	3	..	39677b
33	15010	32.2	−42 27	9.7	10.9	Ko	2	..	39677b
34	*13487*	32.2	−46 57	11.0	*12.4*	Mb	1	R	39660b
35	9530	32.2	−56 28	*9.4*	10.2	G5	2	..	39698b
36	6502	32.2	−61 52	*9.7*	10.3	Go	3	..	39282b
37	4603	32.2	−63 25	*8.8*	8.9	A2	3	..	42680b
38	4184	32.3	+35 40	8.6	*9.6*	Ko	1	..	38508i
39	3964	32.3	+33 52	9.1	*9.1*	Ao	1	..	38508i
40	5533	32.3	− 6 47	9.8	*9.8*	Ao	3	..	40591b
41	5522	32.3	− 9 46	10.4	*10.5*	A3	1	..	40591b
42	5802	32.3	−14 9	8.6	*8.6*	Ao	6	..	39502b
43	5734	32.3	−15 50	9.2	*10.2*	Ko	2	..	39502b
44	16095	32.3	−32 30	9.0	9.8	F8	3	..	40728b
45	13972	32.3	−40 43	9.4	10.7	K2	2	..	39677b
46	3379	32.3	−68 29	*8.4*	8.9	F8	7	..	20427b
47	745	32.4	+75 44	9.5	*10.1*	Go	2	..	6443m
48	3810	32.4	+28 52	8.8	*9.8*	Ko	1	..	38510i
49	4367	32.4	+14 29	7.9	*8.2*	F2	1	..	38948i
50	4397	32.4	+12 30	8.3	*8.9*	Go	2	..	12063b
51	4384	32.4	+ 3 45	8.7	*9.9*	K5	1	..	14203b
52	*5415*	32.4	− 7 58	9.8	*11.0*	K5	1	..	40591b
53	5789	32.4	−12 22	8.6	*9.6*	Ko	5	..	39502b
54	5790	32.4	−12 39	9.2	*9.6*	F5	3	..	39502b
55	14939	32.4	−27 40	10.9	10.0	A2	3	..	40897b
56	13849	32.4	−37 15	9.0	10.2	F5	2	..	40857b
57	13851	32.4	−37 40	9.1	9.9	Fo	5	..	40857b
58	13900	32.4	−39 36	8.7	9.2	F5	7	..	40857b
59	*9735*	32.4	−56 57	*9.8*	10.8	Ko	1	..	39698b
60	4064	32.4	−64 23	*8.4*	9.4	Ko	1	..	42680b
61	3966	32.5	+33 47	9.1	*9.1*	B9	1	..	38508i
62	4285	32.5	+21 13	8.2	*9.3*	K2	1	..	38507i
63	4334	32.5	+11 30	9.5	*10.5*	Ko	1	..	12063b
64	4335	32.5	+10 23	10.1	*10.1*	A	1	..	12063b
65	4503	32.5	+ 4 52	8.3	*8.4*	A2	3	..	38030i
66	5202	32.5	− 4 43	8.70	*9.77*	K2	4	0,3	14379b
67	*5525*	32.5	− 8 53	8.5	*8.5*	Ao	7	..	40591b
68	5456	32.5	−10 30	10.3	*11.3*	Ko	1	..	39502b
69	5379	32.5	−11 23	7.02	*7.00*	B9	9	..	39502b
70	*5731*	32.5	−17 51	10.0	*10.1*	A2	3	..	40587b
71	5870	32.5	−19 9	8.8	8.9	Fo	7	..	40587b
72	*5991*	32.5	−19 55	9.13	10.7	Ko	2	..	40587b
73	5781	32.5	−21 46	8.2	7.8	Ao	8	..	40617b
74	14516	32.5	−34 2	7.26	8.4	K2	8	..	40857b
75	14304	32.5	−36 48	8.0	9.6	F8	5	..	40857b
76	15012	32.5	−42 23	8.7	9.8	K2	5	..	39677b
77	14071	32.5	−44 29	9.7	10.2	F2	3	..	39677b
78	9922	32.5	−53 45	7.9	8.7	A3	6	..	42801b
79	3753	32.5	−67 24	*8.7*	8.8	A5	7	..	20427b
80	2544	32.5	−72 17	*6.9*	7.2	Fo	7	..	42475b
81	1137	32.6	+68 31	8.7	*8.8*	A3	5	..	37333i
82	*3321*	32.6	+50 4	7.87	*8.29*	F5	4	..	38477i
83	4464	32.6	+19 59	9.25	*9.25*	Ao	3	..	38507i
84	4592	32.6	+ 6 9	7.5	*7.6*	A2	5	..	38030i
85	17222	32.6	−29 37	9.7	10.3	Ko	2	..	40897b
86	7628	32.6	−59 42	9.2	9.2	G5	6	..	39698b
87	827	32.6	−82 37	*8.6*	9.2	Go	3	..	21397b
88	1451	32.7	+64 22	8.7	*8.7*	Ao	3	..	37333i
89	4162	32.7	+38 50	8.0	*8.0*	B8	3	..	38508i
90	4188	32.7	+35 27	8.7	*8.8*	A2	2	..	38508i
91	3938	32.7	+26 43	8.5	*8.6*	A2	2	..	38510i
92	4319	32.7	+16 12	8.5	*8.5*	Ao	2	..	38948i
93	4337	32.7	+10 30	9.3	*9.7*	F5	2	..	12063b
94	5328	32.7	− 5 43	9.2	*10.2*	Ko	3	..	40591b
95	5782	32.7	−21 21	7.32	7.5	G5	8	..	40617b
96	15166	32.7	−26 0	9.7	9.7	Go	4	..	40897b
97	14306	32.7	−36 42	7.6	8.5	Ao	9	..	40897b
98	13636	32.7	−48 21	10.1	10.9	Ko	1	..	39666b
99	7420	32.7	−60 48	*9.2*	10.0	G5	3	..	39698b
100	4604	32.7	−63 3	*8.8*	9.4	Go	2	..	42680b

196500 — $20^h\ 32^m.7$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3861	32.7	−65 17	9.4	9.5	A2	4	..	20427b
2	872	32.8	+74 37	5.18	5.24	A2p	..	O,R	56,99
3	4246	32.8	+40 42	7.94	7.94	Ao	3	..	38508i
4	4302	32.8	+26 7	5.52	5.50	B9	10	..	38510i
5	4288	32.8	+21 28	8.4	8.4	Ao	3	..	38507i
6	4479	32.8	+ 8 57	8.7	9.8	K2	3	..	12063b
7	4504	32.8	+ 4 58	8.05	8.05	Ao	2	..	38030i
8	5528	32.8	− 9 33	9.6	10.6	Ko	1	..	40591b
9	5732	32.8	−18 24	9.8	10.6	G5	1	..	40587b
10	5872	32.8	−19 0	8.8	8.6	Fo	6	..	40587b
11	14253	32.8	−35 46	8.4	9.0	A3	6	..	40857b
12	13853	32.8	−37 47	9.3	10.5	K2	1	..	40857b
13	13975	32.8	−40 8	10.0	10.7	G5	3	..	39677b
14	13974	32.8	−40 46	9.3	10.1	Fo	4	..	39677b
15	15015	32.8	−42 25	9.7	10.1	F5	4	..	39677b
16	13490	32.8	−47 46	9.7	11.5	K5	1	..	39666b
17	6175	32.8	−61 57	8.5	8.6	A2	4	..	42680b
18	4065	32.8	−64 30	8.2	9.4	K5	1	..	42680b
19	3754	32.8	−67 7	5.36	5.34	B9	..	R	28,215
20	978	32.8	−80 13	7.56	8.6	G5	7	..	21397b
21	922	32.8	−81 32	9.0	9.8	G5	2	..	21397b
22	4252	32.9	+40 8	7.82	7.82	Ao	5	..	38508i
23	4154	32.9	+32 0	7.26	7.32	A2	7	..	38508i
24	4369	32.9	+14 15	3.72	4.14	F5	..	R	2846c
25	4335	32.9	+12 5	8.7	8.7	Ao	2	..	12063b
26	4594	32.9	+ 6 35	8.9	9.0	A2	3	..	12063b
27	5204	32.9	− 4 44	7.25	8.25	Ko	7	..	14692b
28	5720	32.9	−12 59	8.7	9.8	K2	3	..	39502b
29	5490	32.9	−22 41	9.4	10.2	K2	2	..	40617b
30	14933	32.9	−25 33	8.7	9.4	Ko	4	..	40897b
31	16816	32.9	−28 47	7.73	7.9	Go	7	..	40897b
32	15102	32.9	−33 32	8.0	8.7	Ko	7	..	40728b
33	13854	32.9	−37 7	8.5	9.6	Ko	5	..	40857b
34	14152	32.9	−38 26	9.4	10.7	F8	2	..	40857b
35	14112	32.9	−43 11	9.3	9.0	F2	7	..	39677b
36	13959	32.9	−45 27	10.3	11.1	F8	3	..	39677b
37	12659	32.9	−51 35	7.9	8.5	F8	6	..	42801b
38	9733	32.9	−54 22	8.6	9.3	G5	4	..	42801b
39	9533	32.9	−56 5	9.4	10.5	K2	1	..	39458b
40	7629	32.9	−59 33	8.7	9.2	F8	4	..	39698b
41	1112	33.0	+69 20	7.9	8.9	Ko	4	..	37333i
42	4163	33.0	+38 45	8.8	8.9	A2	2	..	38508i
43	4465	33.0	+20 0	8.85	8.85	Ao	1	..	38507i
44	4339	33.0	+11 2	5.43	5.49	A2	..	2,9R	56,99
45	4505	33.0	+ 5 2	8.90	9.90	K	1	..	14203b
46	4969	33.0	− 3 8	8.6	8.6	B9	6	..	14692b
47	5417	33.0	− 8 3	9.0	9.1	A5	5	..	40591b
48	6044	33.0	−17 7	10.8	10.8	Ao	3	..	40587b
49	5733	33.0	−18 13	9.8	10.6	G5	2	..	40587b
50	13184	33.0	−49 14	10.1	10.6	Go	2	..	39666b
51	6503	33.0	−60 55	9.0	9.2	F8	3	..	42680b
52	4554	33.1	+18 43	8.1	8.1	Ao	5	..	38507i
53	4557	33.1	+ 0 35	9.1	9.1	Ao	3	..	14203b
54	5330	33.1	− 4 52	7.85	8.41	Go	6	..	14692b
55	5792	33.1	−12 19	8.5	8.8	Fo	5	..	39502b
56	5655	33.1	−16 19	9.2	10.2	Ko	2	..	39502b
57	6045	33.1	−17 25	8.2	9.4	K5	5	..	40587b
58	5784	33.1	−21 27	9.2	10.4	G5	3	..	40617b
59	16172	33.1	−24 26	9.5	10.3	K2	1	..	40617b
60	16173	33.1	−24 50	10.2	10.0	A5	2	..	40617b
61	18073	33.1	−30 3	9.2	10.4	Go	1	..	40897b
62	14077	33.1	−44 20	10.3	10.8	G5	2	..	39677b
63	9534	33.1	−56 20	8.7	9.0	F5	6	..	39698b
64	3380	33.1	−68 41	10.3	10.7	F5	2	..	20542b
65	657	33.2	+81 6	6.93	7.93	Ko	6	..	37294i
66	2031	33.2	+61 41	8.7	8.7	B9	2	1,1	38795i
67	2223	33.2	+57 46	8.5	8.8	Fo	2	..	38795i
68	2441	33.2	+54 7	8.1	8.1	Ao	2	..	37971i
69	2989	33.2	+46 57	8.3	9.4	K2	1	..	38477i
70	4470	33.2	+13 36	8.3	9.4	K2	1	..	38948i
71	4405	33.2	+12 46	7.50	7.50	Ao	3	..	37938i
72	4596	33.2	+ 9 49	8.5	9.7	K5	1	..	13875b
73	4558	33.2	+ 0 40	8.3	9.5	K5	3	..	14203b
74	4016	33.2	− 1 27	4.51	5.51	Ko	..	R	56,99
75	4971	33.2	− 3 33	8.4	9.4	Ko	3	..	14692b
76	5354	33.2	− 7 2	8.8	8.8	Ao	5	..	40591b
77	5529	33.2	− 8 53	9.6	10.6	Ko	2	..	40591b
78	5723	33.2	−13 5	10.3	11.3	Ko	2	..	39502b
79	5736	33.2	−14 55	9.51	10.01	F8	2	..	39502b
80	5737	33.2	−15 46	10.0	10.8	G5	1	..	39502b
81	5657	33.2	−16 11	9.6	10.6	Ko	1	..	39502b
82	5874	33.2	−19 32	9.8	10.1	Ao	3	..	40587b
83	14078	33.2	−43 58	10.1	11.1	F8	2	..	39677b
84	13961	33.2	−45 0	9.61	11.1	K2	2	..	39677b
85	7770	33.2	−58 28	9.3	10.3	Ko	1	..	39698b
86	6504	33.2	−61 36	9.8	10.4	Go	1	..	39282b
87	2032	33.3	+62 7	8.1	9.1	Ko	3	5,3	38795i
88	3799	33.3	+42 15	8.3	8.7	F5	2	..	37874i
89	4150	33.3	+36 14	7.43	7.43	Ao	7	..	38508i
90	4292	33.3	+21 42	8.6	8.6	Ao	2	..	38507i
91	4649	33.3	+20 23	9.3	9.3	Ao	1	..	38507i
92	4556	33.3	+18 47	8.5	8.5	Ao	3	..	38507i
93	4210	33.3	+ 2 59	8.9	8.9	Ao	6	..	14203b
94	5724	33.3	−13 0	8.6	10.0	Ma	3	..	39502b
95	5739	33.3	−15 3	9.0	9.5	F8	5	..	39502b
96	5738	33.3	−15 39	9.2	9.7	F8	3	..	39502b
97	16176	33.3	−24 42	9.5	10.6	Mb	2	..	40617b
98	16824	33.3	−28 31	9.9	10.3	A3	2	..	40897b
99	14258	33.3	−35 36	9.0	9.4	F5	4	..	40857b
100	14155	33.3	−41 20	8.8	9.3	Fo	6	..	39677b

196600 — 20h 33m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3862	33.3	−65 6	*8.6*	9.7	K2	3	..	20427b
2	1634	33.4	+63 53	9.0	*9.1*	A5	2	..	37333i
3	*1832*	33.4	+63 8	9.1	*9.7*	G	2	..	37333i
4	3519	33.4	+44 34	8.3	*8.4*	A3	3	..	37874i
5	4158	33.4	+31 42	7.66	*7.66*	Ao	4	..	38508i
6	4159	33.4	+31 13	6.24	*6.24*	Ao	9	..	32009i
7	4105	33.4	+30 44	8.5	*8.5*	Ao	3	..	38510i
8	4106	33.4	+30 39	8.0	*9.4*	Ma	1	..	38510i
9	4108	33.4	+29 36	8.8	*8.8*	Ao	2	..	38510i
10	4370	33.4	+17 55	6.27	*7.62*	Mc	7	..	38507i
11	4406	33.4	+12 35	8.5	*9.6*	K2	1	..	12063b
12	4596	33.4	+ 6 41	8.3	*8.4*	A5	4	..	12063b
13	*5420*	33.4	− 7 54	9.6	*10.6*	Ko	1	..	40591b
14	*5418*	33.4	− 7 56	9.8	*10.4*	Go	1	..	40591b
15	*5460*	33.4	− 9 57	8.79	*9.29*	F8	4	..	40591b
16	5740	33.4	−15 0	10.3	*10.4*	A2	3	..	39502b
17	*6046*	33.4	−16 55	7.12	*7.62*	F8	8	..	40587b
18	16395	33.4	−23 5	9.7	10.1	Ko	1	..	40617b
19	17753	33.4	−31 16	8.1	8.7	F2	6	..	40728b
20	14081	33.4	−44 30	10.6	10.8	Go	2	..	39677b
21	13187	33.4	−49 31	9.3	10.0	Ko	4	..	39666b
22	11736	33.4	−52 12	9.2	10.0	F8	3	..	42801b
23	*9535*	33.4	−55 58	7.8	8.7	Ko	8	..	39698b
24	3863	33.4	−65 47	*9.5*	10.0	F8	3	..	39282b
25	*3382*	33.4	−67 56	*10.6*	11.0	F5	2	..	20542b
26	3381	33.4	−68 18	*9.9*	10.7	G5	2	..	20542b
27	4168	33.5	+38 36	8.6	*8.6*	Ao	2	..	38508i
28	*4095*	33.5	+35 5	8.27	*8.27*	Ao	2	..	38508i
29	4160	33.5	+31 10	6.38	*6.66*	Fo	5	..	32009i
30	4651	33.5	+20 47	8.8	*9.9*	K2	2	..	38507i
31	4340	33.5	+10 23	8.69	*8.75*	A2	4	..	13875b
32	4059	33.5	− 0 26	8.9	*9.4*	F8	2	..	14692b
33	5421	33.5	− 8 45	7.67	*8.01*	F2	9	..	40591b
34	5461	33.5	−10 3	10.3	*10.7*	F5	1	R	40591b
35	5794	33.5	−12 26	8.4	*8.4*	Ao	7	..	39502b
36	5877	33.5	−19 38	8.23	8.9	K2	4	..	40587b
37	14950	33.5	−27 24	9.9	10.3	G5	2	..	40897b
38	14315	33.5	−36 23	7.18	7.9	F2	9	..	40857b
39	13496	33.5	−47 11	7.7	8.8	Ko	7	..	39666b
40	7630	33.5	−59 32	*9.7*	10.3	Go	1	..	39698b
41	2802	33.5	−70 41	*8.8*	9.3	F8	4	..	42475b
42	4002	33.6	+37 58	6.32	*7.32*	Ko	7	..	38508i
43	4000	33.6	+37 45	7.35	*8.53*	K5	3	..	38508i
44	4559	33.6	+18 28	9.1	*9.2*	A2	3	..	38507i
45	4408	33.6	+12 59	7.9	*8.9*	Ko	2	..	38948i
46	5357	33.6	− 7 3	9.4	*10.4*	Ko	2	..	40591b
47	5532	33.6	− 9 6	9.2	*10.2*	Ko	2	..	40591b
48	16107	33.6	−32 29	8.7	10.7	K5	1	..	40728b
49	13909	33.6	−39 41	9.0	10.4	K2	1	..	40857b
50	14124	33.6	−43 25	8.3	9.4	Ko	7	..	39677b
51	13083	33.6	−50 43	9.7	10.0	F5	2	..	42801b
52	11738	33.6	−52 14	8.9	10.0	Ma	2	..	42801b
53	*4169*	33.7	+39 8	8.4	*8.5*	A2	3	..	38508i
54	4003	33.7	+37 9	8.2	*8.2*	Ao	3	..	38508i
55	4112	33.7	+29 22	8.0	*8.1*	A2	5	..	38510i
56	4653	33.7	+20 23	8.6	*9.7*	K2	1	..	38507i
57	4570	33.7	+ 5 17	9.01	*9.35*	F2	2	..	14203b
58	5334	33.7	− 5 0	8.75	*9.75*	Ko	4	..	40591b
59	5542	33.7	− 6 26	9.8	*9.8*	Ao	2	..	40591b
60	5360	33.7	− 7 16	9.2	*10.0*	G5	3	..	40591b
61	5358	33.7	− 7 36	9.4	*9.9*	F8	3	..	40591b
62	5743	33.7	−15 18	5.30	*5.18*	B5	..	0,8 R	56,99
63	13860	33.7	−37 24	9.8	10.5	Go	1	..	40857b
64	*14160*	33.7	−37 56	7.6	9.2	G5	8	..	40857b
65	14126	33.7	−43 48	10.3	10.8	Ao	2	..	39677b
66	13652	33.7	−46 1	8.9	9.6	Ko	5	..	39666b
67	13084	33.7	−50 29	9.1	10.0	K2	2	..	42801b
68	4605	33.7	−63 47	*9.6*	10.2	Go	2	..	39282b
69	1453	33.8	+64 10	9.6	*9.6*	Ao	2	..	37333i
70	3145	33.8	+50 32	7.87	*7.87*	Ao	3	..	38477i
71	3332	33.8	+49 33	7.16	*8.16*	Ko	4	..	37874i
72	*4251*	33.8	+41 2	7.82	*8.32*	F8	3	..	38508i
73	*3883*	33.8	+33 1	7.05	*8.05*	Ko	4	..	38508i
74	3941	33.8	+26 43	8.0	*8.5*	F8	4	..	38510i
75	4487	33.8	+ 8 35	8.5	*8.6*	A5	5	..	12063b
76	5335	33.8	− 5 17	6.62	*7.62*	Ko	9	..	14692b
77	5660	33.8	−16 42	10.5	*11.5*	Ko	1	..	40587b
78	5881	33.8	−19 22	9.4	10.4	Go	2	..	40587b
79	5995	33.8	−20 2	9.18	9.2	A5	3	..	40587b
80	5996	33.8	−20 26	9.2	9.5	Fo	3	..	40617b
81	5787	33.8	−21 17	8.5	9.5	K2	5	..	40617b
82	14535	33.8	−34 34	8.7	9.4	F5	3	..	40857b
83	13862	33.8	−37 17	10.4	10.5	A3	1	..	40857b
84	14161	33.8	−38 44	10.2	10.9	Ao	2	..	40857b
85	7631	33.8	−59 48	8.16	9.4	K5	5	..	39698b
86	621	33.8	−84 13	*9.9*	10.2	F	2	..	21397b
87	3803	33.9	+42 38	7.06	*7.06*	Ao	6	..	37874i
88	4005	33.9	+37 34	7.7	*8.8*	K2	2	..	38508i
89	4098	33.9	+34 50	7.92	*8.99*	K2	2	..	38508i
90	3971	33.9	+33 26	9.0	*10.4*	Mb	..	..	M
91	5545	33.9	− 6 31	8.7	*8.7*	Ao	7	..	40591b
92	5795	33.9	−12 7	7.8	*8.8*	Ko	5	..	39502b
93	5746	33.9	−15 20	8.6	*9.6*	Ko	5	..	39502b
94	16186	33.9	−24 48	10.4	10.3	Go	2	..	40617b
95	14947	33.9	−25 21	10.2	10.0	F5	2	..	40617b
96	15177	33.9	−26 55	9.7	10.3	Ko	2	..	40897b
97	16830	33.9	−28 4	7.63	8.3	G5	8	..	40897b
98	18083	33.9	−30 3	9.5	10.4	Go	2	..	40897b
99	14536	33.9	−34 24	8.0	9.6	K2	3	..	40728b
100	14265	33.9	−35 4	9.58	9.9	G5	2	..	40857b

196700 **$20^h\ 33^m.9$**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14323	33.9	−36 9	7.42	8.1	Fo	9	..	40857b
2	14127	33.9	−43 49	10.1	10.8	Go	1	..	39677b
3	14083	33.9	−44 44	9.9	9.9	Fo	3	..	39666b
4	R	33.9	−59 13	..	..	K2	1	..	39698b
5	7632	33.9	−59 22	9.1	9.4	Go	5	..	39698b
6	*1833*	34.0	+63 7	9.3	*9.3*	Ao	3	..	37333i
7	2139	34.0	+58 51	7.9	*7.9*	Ao	6	..	38795i
8	3178	34.0	+48 25	8.7	*8.7*	Ao	3	..	37874i
9	4656	34.0	+20 32	9.2	*9.2*	A	2	..	38507i
10	4600	34.0	+ 6 50	8.0	*8.1*	A3	3	..	38030i
11	4561	34.0	+ 0 51	7.8	*8.8*	Ko	7	..	14203b
12	5328	34.0	− 2 46	6.26	*6.24*	B9	8	..	8604b
13	5546	34.0	− 6 33	8.2	*9.4*	K5	5	..	40591b
14	53662	34.0	− 7 45	8.6	*9.6*	Ko	4	..	40591b
15	5423	34.0	− 8 41	8.5	*8.9*	F5	7	..	40591b
16	5796	34.0	−12 15	9.0	*9.6*	Go	3	..	39502b
17	17235	34.0	−29 9	var.	var.	Md	..	R	M
18	17237	34.0	−29 14	8.61	8.9	F8	5	..	40897b
19	14084	34.0	−44 37	10.1	10.8	G5	1	..	39666b
20	*13653*	34.0	−45 56	11.6	11.1	Go	1	..	39666b
21	13189	34.0	−49 15	9.9	10.6	Ko	1	..	39666b
22	1482	34.1	+65 13	8.75	*8.73*	B9	3	..	37333i
23	4108	34.1	+30 13	7.46	*7.46*	Ao	6	..	38510i
24	4658	34.1	+20 51	4.78	*4.78*	Ao	..	..	**56**,99
25	44111	34.1	+12 58	6.06	*7.24*	K5	5	R	37938i
26	4491	34.1	+ 8 9	7.6	*7.9*	F2	7	..	12063b
27	4571	34.1	+ 5 22	8.5	*9.5*	Ko	1	..	14203b
28	4508	34.1	+ 4 27	9.1	*9.4*	F2	2	..	14203b
29	5424	34.1	− 8 5	8.0	*8.8*	G5	7	..	40591b
30	5534	34.1	− 9 25	9.6	*10.2*	Go	2	..	40591b
31	5810	34.1	−14 4	9.2	*9.5*	Fo	3	..	39502b
32	5886	34.1	−19 7	10.3	10.6	Go	1	..	40587b
33	16404	34.1	−23 11	9.5	9.8	Ko	4	..	40617b
34	16401	34.1	−23 19	9.9	9.5	Go	2	..	40617b
35	15180	34.1	−26 2	9.4	10.6	Ko	2	..	40897b
36	17238	34.1	−29 41	9.5	10.4	Ko	3	..	40897b
37	15119	34.1	−33 47	5.54	7.0	K2	..	..	**56**,146
38	11741	34.1	−52 50	7.6	8.9	G5	4	..	42801b
39	3886	34.2	+32 59	7.9	*8.9*	Ko	2	..	38508i
40	4084	34.2	+23 46	5.04	*4.92*	B5	..	..	**56**,99
41	4374	34.2	+14 41	8.5	*9.1*	Go	2	..	38948i
42	4339	34.2	+11 51	8.9	*9.0*	A5	2	..	13875b
43	16406	34.2	−23 23	9.4	8.7	A2	6	R	40617b
44	16407	34.2	−23 45	9.9	9.6	Go	2	..	40617b
45	16192	34.2	−24 32	10.9	10.6	G5	2	..	40617b
46	15120	34.2	−33 12	8.5	8.6	Go	7	..	40728b
47	13980	34.2	−40 9	8.7	9.5	A2	6	..	39677b
48	15029	34.2	−42 45	6.52	7.5	G5	7	..	42708b
49	13655	34.2	−46 10	10.1	10.0	Go	4	..	39666b
50	13087	34.2	−50 35	9.9	10.0	Go	2	..	42801b
51	9452	34.2	−55 52	*9.6*	10.2	Go	2	..	39458b
52	1108	34.2	−79 19	*7.8*	8.1	F2	8	..	21397b
53	4085	34.3	+23 19	6.13	*7.13*	Ko A3	7	R	38507i
54		34.3	+23 19						
55	4600	34.3	+ 9 44	5.23	*6.01*	G5	8	R	37938i
56	4512	34.3	+ 7 27	8.5	*9.6*	K2	2	..	12063b
57	4336	34.3	+ 1 48	8.3	*9.7*	Ma	3	..	14203b
58	*4064*	34.3	+ 0 8	5.39	*6.39*	Ko	10	..	38030i
59	5337	34.3	− 5 13	8.6	*9.2*	Go	6	..	40591b
60	5662	34.3	−16 40	10.0	*10.3*	F2	2	..	40587b
61	16193	34.3	−24 9	6.33	7.0	G5	7	5,10	37115b
62	17240	34.3	−29 33	7.61	8.6	Ko	7	..	40897b
63	16120	34.3	−32 31	9.3	9.8	F8	3	..	40728b
64	13865	34.3	−37 43	9.4	10.2	G5	3	..	40857b
65	14164	34.3	−41 11	10.9	11.3	Go	1	..	39677b
66	13967	34.3	−45 36	9.5	10.0	F2	3	..	39666b
67	*9453*	34.3	−54 55	8.76	9.9	K5	3	..	42801b
68	617	34.4	+82 51	6.82	*7.60*	G5	6	..	37294i
69	2141	34.4	+58 46	8.3	*8.4*	A2	3	..	38795i
70	2761	34.4	+52 37	6.64	*7.71*	K2	5	..	37971i
71	4197	34.4	+35 17	8.27	*8.33*	A2	3	..	38508i
72	4310	34.4	+25 11	7.71	*7.71*	Ao	5	..	38510i
73	4205	34.4	+24 25	7.7	7.7	B9	6	..	38510i
74	4301	34.4	+21 10	8.6	*8.6*	Ao	1	..	38507i
75	4220	34.4	+15 29	5.92	*5.73*	B2	..	1,7 R	6174c
76	5464	34.4	−10 42	10.3	*11.1*	G5	1	..	39502b
77	5738	34.4	−18 29	5.33	*6.68*	Ma	..	0,4 R	**56**,146
78	5789	34.4	−21 19	9.4	10.2	K2	2	..	40617b
79	14953	34.4	−25 41	9.9	10.6	K2	1	..	40897b
80	17241	34.4	−29 29	9.9	10.4	G	1	..	40897b
81	*14166*	34.4	−40 55	10.7	10.7	Go	3	..	39677b
82	14087	34.4	−44 54	10.3	10.8	Ko	1	..	39666b
83	7772	34.4	−58 2	*9.7*	10.3	Go	2	..	39698b
84	3130	34.4	−69 16	*8.2*	8.6	F5	5	..	20427b
85	2804	34.4	−70 13	*8.6*	8.6	Ao	6	..	42475b
86	2569	34.4	−71 36	*8.3*	8.3	Ao	6	..	42475b
87	*659*	34.5	+81 5	5.62	*6.62*	Ko	..	0,8	**56**,99
88	2036	34.5	+61 27	8.3	*9.1*	G5	2	..	38795i
89	3807	34.5	+42 29	7.06	*7.56*	F8	5	..	37874i
90	4260	34.5	+39 11	8.0	*8.6*	Go	3	..	38508i
91	4171	34.5	+38 11	8.5	*9.3*	G5	1	..	38508i
92	4137	34.5	+22 54	var.	var.	Md	..	R	M
93	4349	34.5	+10 37	8.4	*8.9*	F8	5	..	13875b
94	4602	34.5	+ 9 43	8.9	*9.9*	Ko	2	..	12063b
95	4510	34.5	+ 4 37	8.4	*9.6*	K5	4	..	14203b
96	*5426*	34.5	− 7 56	8.0	*9.0*	Ko	7	..	40591b
97	5466	34.5	−10 25	9.2	*10.2*	Ko	1	..	40591b
98	5467	34.5	−10 25	9.2	*10.2*	Ko	2	..	40591b
99	5812	34.5	−14 22	8.4	*9.8*	Mb	4	..	39502b
100	16195	34.5	−24 28	7.10	7.9	Go	8	..	40617b

196800 — 20h 34m.5

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13506	34.5	−47 13	9.7	10.0	F5	4	..	39666b
2	9744	34.5	−57 10	8.7	9.7	F8	4	..	39698b
3	R	34.5	−60 46	..	..	Ko	2	..	39282b
4	*3131*	34.5	−68 56	*9.3*	9.8	F8	3	..	20427b
5	2037	34.6	+61 39	8.2	*8.2*	Ao	5	..	38795i
6	*2142*	34.6	+59 3	8.1	*9.2*	K2	2	..	38795i
7	2910	34.6	+51 14	8.7	*10.1*	Mb	..	..	M
8	3153	34.6	+47 35	8.7	*8.7*	Ao	3	..	38477i
9	3524	34.6	+44 14	8.5	*8.6*	A2	2	..	37874i
10	4261	34.6	+39 20	9.2	*10.6*	Ma	..	..	M
11	4476	34.6	+19 12	7.5	*7.6*	A2	5	..	38507i
12	4511	34.6	+ 4 21	9.1	*10.3*	K5	1	..	14203b
13	5792	34.6	−21 9	9.4	9.6	Go	2	..	40617b
14	5791	34.6	−21 35	9.4	9.5	F8	4	..	40617b
15	14959	34.6	−27 0	6.41	7.4	Go	6	..	37115b
16	*16841*	34.6	−27 57	7.34	7.7	A2	9	..	40897b
17	13089	34.6	−50 1	9.06	9.8	Ko	3	..	42801b
18	981	34.6	−80 30	7.63	8.9	G5	6	..	21397b
19	3836	34.7	+41 43	7.9	*9.1*	K5	1	..	37874i
20	4089	34.7	+23 30	9.0	*9.0*	Ao	1	..	38507i
21	4305	34.7	+21 28	5.94	*5.94*	Ao	9	*1,9*	37940i
22	*4216*	34.7	+ 3 3	9.3	*9.3*	Ao	3	..	14203b
23	4563	34.7	+ 0 42	8.9	*9.5*	Go	3	0,1	14692b
24	5339	34.7	− 5 40	10.0	*10.6*	Go	3	..	14379b
25	5427	34.7	− 8 7	9.2	*9.3*	A2	4	..	40591b
26	5800	34.7	−12 28	9.8	*9.8*	Ao	3	..	39502b
27	*5498*	34.7	−21 59	9.2	8.9	F2	6	..	40617b
28	13916	34.7	−39 1	9.3	10.1	Go	4	..	40857b
29	15034	34.7	−42 29	6.52	8.0	Mb	9	..	39677b
30	13193	34.7	−49 26	9.1	10.3	Ko	3	..	39666b
31	4606	34.7	−63 20	*8.4*	9.5	K2	2	..	42680b
32	2993	34.8	+46 32	8.1	*8.1*	B9	3	..	38477i
33	3672	34.8	+43 58	6.57	*6.52*	B8	8	..	37874i
34	4415	34.8	+12 58	7.9	*9.1*	K5	1	..	37938i
35	*4603*	34.8	+10 6	9.29	*9.57*	Fo	1	..	12063b
36	5750	34.8	−15 44	8.4	*9.2*	G5	6	..	39502b
37	16415	34.8	−23 42	9.7	11.0	K2	1	..	40617b
38	16844	34.8	−28 54	6.69	8.2	Ko	9	..	40897b
39	*18099*	34.8	−29 57	10.6	10.4	Fo	2	..	40897b
40	18098	34.8	−30 4	9.5	10.4	Ko	2	..	40897b
41	13660	34.8	−46 16	9.5	10.6	F8	4	..	39666b
42	13650	34.8	−48 16	8.6	10.0	K2	5	..	39666b
43	13093	34.8	−50 37	7.6	9.1	Ma	6	..	42801b
44	9539	34.8	−56 2	8.7	9.6	A5	5	..	39698b
45	6176	34.8	−62 54	*7.7*	8.0	F2	5	..	42680b
46	3499	34.8	−66 4	*8.7*	9.7	Ko	1	..	20427b
47	*1116*	34.9	+70 9	9.09	*9.09*	A	1	E	37333i
48	1114	34.9	+69 19	6.89	*7.67*	G5	7	..	37333i
49	*2039*	34.9	+62 5	8.1	*8.4*	Fo	3	0,4	38795i
50	4172	34.9	+38 17	6.78	*7.34*	Go	7	R	38508i
51	4119	34.9	+30 43	8.4	*8.4*	Ao	1	..	37912i
52	4121	34.9	+29 59	5.86	*6.86*	Ko	8	0,6	38510i
53	*4492*	34.9	+ 9 1	9.8	*10.2*	F5	2	..	12063b
54	5552	34.9	− 6 9	9.2	*9.7*	F8	4	..	40591b
55	5550	34.9	− 6 13	9.0	*9.5*	F8	4	..	40591b
56	5364	34.9	− 7 7	9.4	*10.4*	Ko	2	..	40591b
57	5663	34.9	−16 29	5.91	*6.91*	Ko	..	*5,4*	56,146
58	*5888*	34.9	−18 55	9.1	*10.2*	K2	2	..	40587b
59	14957	34.9	−25 24	7.72	9.1	K5	5	..	40897b
60	17246	34.9	−29 49	9.1	9.9	Ko	5	..	40897b
61	15130	34.9	−33 48	9.0	9.8	F8	3	..	40728b
62	15036	34.9	−42 37	10.1	11.3	Ko	2	..	39677b
63	9737	34.9	−54 6	*10.1*	11.1	Ko	1	..	42801b
64	7633	34.9	−59 0	*9.2*	9.7	F8	3	..	39698b
65	3154	35.0	+47 43	6.64	*7.42*	G5	6	..	37874i
66	4312	35.0	+25 43	7.02	*8.20*	K5	4	..	38510i
67	4222	35.0	+15 34	3.86	*3.81*	B8	..	R	5880c
68	4513	35.0	+ 4 26	9.5	*10.1*	G	2	..	14203b
69	4565	35.0	+ 0 57	8.9	*8.9*	Ao	4	..	14203b
70	4981	35.0	− 3 1	6.67	*7.67*	Ko	8	..	14692b
71	5365	35.0	− 7 41	9.8	*10.8*	Ko	1	..	40591b
72	6054	35.0	−17 16	9.8	*10.8*	Ko	1	..	40587b
73	14170	35.0	−38 22	9.0	11.0	Ko	2	..	40857b
74	15038	35.0	−42 37	10.3	11.4	Ko	1	..	39677b
75	13651	35.0	−48 44	9.5	10.3	Ko	2	..	39666b
76	13194	35.0	−49 8	7.9	9.4	K5	5	..	39666b
77	9928	35.0	−53 1	8.3	10.8	K5	2	R	42801b
78	9738	35.0	−54 35	9.2	10.5	Ko	2	..	42801b
79	*3383*	35.0	−67 57	*10.2*	11.0	G5	1	..	20542b
80	2144	35.1	+58 29	7.9	*9.1*	K5	1	..	19317i
81	3526	35.1	+44 27	8.1	*8.9*	G5	2	..	37874i
82	4307	35.1	+21 22	8.5	*9.5*	Ko	1	..	38507i
83	4479	35.1	+19 57	8.5	*8.8*	F2	2	..	38507i
84	*4419*	35.1	+13 5	7.26	*8.33*	K2	1	..	38948i
85	4351	35.1	+10 53	6.42	*6.92*	F8	5	..	37938i
86	4515	35.1	+ 4 40	8.9	*9.3*	F5	2	..	14203b
87	4218	35.1	+ 2 27	8.7	*9.7*	Ko	3	..	14203b
88	5537	35.1	− 9 46	8.58	*9.14*	Go	5	..	40591b
89	5470	35.1	−10 33	9.1	*9.9*	G5	3	..	40591b
90	5729	35.1	−13 40	9.4	*9.9*	F8	3	..	39502b
91	5753	35.1	−15 46	9.1	*9.4*	Fo	6	..	39502b
92	5889	35.1	−19 8	8.2	8.6	Go	7	..	40587b
93	14959	35.1	−25 35	9.9	10.3	G5	1	..	40897b
94	14960	35.1	−25 46	9.7	9.7	F2	3	..	40897b
95	14172	35.1	−38 10	8.4	9.8	F8	6	..	40857b
96	14171	35.1	−38 52	10.4	10.7	Ao	3	..	40857b
97	*14139*	35.1	−42 55	10.1	11.5	G5	4	..	39677b
98	13662	35.1	−46 45	7.8	9.2	Ma	6	..	39666b
99	12676	35.1	−51 27	var.	var.	Mc	..	R	M
100	11743	35.1	−52 51	8.7	10.0	K2	2	..	42801b

196900 — 20h 35m.1

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	9541	35.1	−56 19	8.6	11.1	K5	2	..	39698b
2	4066	35.1	−64 7	*9.5*	10.3	G5	1	..	39282b
3	*2139*	35.2	+61 0	6.93	*7.27*	F2	5	0,5	38795i
4	2145	35.2	+58 39	8.05	*8.83*	G5	2	..	38795i
5	2911	35.2	+51 39	7.70	*8.88*	K5	1	..	37971i
6	3828	35.2	+28 44	8.0	*8.4*	F5	3	..	38510i
7	3829	35.2	+28 23	9.2	*9.5*	F	1	..	38510i
8	3947	35.2	+26 20	7.04	*7.32*	Fo	7	..	38510i
9	4308	35.2	+21 20	8.4	*9.5*	K2	1	..	38507i
10	4421	35.2	+12 58	7.9	*9.0*	K2	1	..	37938i
11	4494	35.2	+ 8 23	9.1	*10.1*	Ko	2	..	12063b
12	*4519*	35.2	+ 8 4	7.6	*8.7*	K2	7	..	12063b
13	4566	35.2	+ 0 19	8.9	*9.7*	G5	3	0,2	14692b
14	5754	35.2	−15 17	9.2	*10.0*	G5	2	..	39502b
15	16198	35.2	−24 52	9.20	9.4	A5	4	..	40617b
16	17250	35.2	−29 17	9.48	9.8	Ao	4	..	40897b
17	*16130*	35.2	−31 57	5.80	7.7	Ma	..	*5,9*	**56**,146
18	14549	35.2	−34 16	9.4	9.6	Go	3	..	40728b
19	14550	35.2	−34 28	8.0	9.4	K5	4	..	40857b
20	13921	35.2	−39 7	10.0	10.1	Go	3	..	40857b
21	13988	35.2	−40 32	10.4	10.9	A3	2	..	39677b
22	13987	35.2	−40 47	8.7	10.4	K2	4	..	39677b
23	13664	35.2	−46 51	9.3	10.1	K2	3	..	39666b
24	9748	35.2	−57 41	*9.6*	10.4	G5	1	..	39698b
25	660	35.3	+80 44	6.10	*7.10*	Ko	7	..	37294i
26	4122	35.3	+30 47	8.6	*8.6*	Ao	2	..	38510i
27	4123	35.3	+30 45	8.1	*9.3*	K5	1	..	38510i
28	3820	35.3	+27 44	8.0	*9.2*	K5	2	..	38510i
29	*4220*	35.3	+ 3 5	6.94	*7.94*	Ko	8	..	14203b
30	5216	35.3	− 4 11	9.0	*9.4*	F5	4	..	14379b
31	5471	35.3	−10 35	9.0	*10.4*	Ma	1	..	40591b
32	5814	35.3	−14 38	9.2	*10.0*	G5	1	..	39502b
33	6055	35.3	−17 45	9.6	*10.4*	G5	4	..	40587b
34	5743	35.3	−18 9	8.8	*8.9*	A2	7	..	40582b
35	13977	35.3	−45 4	10.6	11.0	F8	3	..	39677b
36	13654	35.3	−48 3	10.3	10.6	F8	2	..	39666b
37	9739	35.3	−54 12	*9.8*	10.4	Go	1	..	42801b
38	2570	35.3	−71 5	*8.3*	8.6	Fo	6	..	42475b
39	*2914*	35.4	+52 1	7.74	*7.74*	Ao	4	..	37971i
40	4316	35.4	+25 57	8.8	*9.8*	Ko	1	..	38510i
41	4354	35.4	+10 14	7.87	*7.93*	A2	7	..	12063b
42	*4579*	35.4	+ 6 2	9.1	*9.7*	Go	3	..	12063b
43	5555	35.4	− 6 29	10.3	*10.3*	Ao	2	..	40591b
44	5369	35.4	− 7 9	8.0	*8.6*	Go	6	..	40591b
45	5803	35.4	−12 34	8.6	*9.0*	F5	5	..	39502b
46	*5755*	35.4	−14 52	7.66	*7.94*	Fo	7	..	39502b
47	15192	35.4	−26 21	6.35	7.8	Ko	6	0,10	37115b
48	17255	35.4	−29 30	9.00	9.7	Fo	4	..	40897b
49	16132	35.4	−32 0	9.0	9.9	K2	2	..	40728b
50	16131	35.4	−32 33	8.4	10.3	Ko	2	..	40728b
51	15041	35.4	−42 48	9.7	11.5	K5	1	..	39677b
52	13978	35.4	−45 15	7.09	7.0	Ao	10	..	39666b
53	4067	35.4	−64 25	*9.0*	9.5	F8	3	..	39282b
54	*4124*	35.5	+30 9	7.66	*7.66*	Ao	4	..	38510i
55	4310	35.5	+21 47	8.6	*9.1*	F8	2	..	38507i
56	*4573*	35.5	+19 3	8.9	*10.0*	K2	1	..	38507i
57	4609	35.5	+ 9 24	9.1	*10.1*	Ko	1	..	12063b
58	*4604*	35.5	+ 7 5	8.6	*8.7*	A3	3	..	12063b
59	5218	35.5	− 4 36	9.4	*10.4*	Ko	1	..	14379b
60	5540	35.5	− 9 0	8.6	*9.6*	Ko	5	..	40591b
61	5756	35.5	−15 31	9.0	*10.0*	Ko	2	..	39502b
62	5795	35.5	−21 26	9.2	9.5	Ao	4	..	40617b
63	16851	35.5	−28 21	7.52	7.4	B9	9	..	40897b
64	13876	35.5	−37 33	9.0	10.5	K5	1	..	40857b
65	15045	35.5	−42 45	9.3	10.7	K2	3	..	39677b
66	7773	35.5	−58 5	*8.7*	9.7	Ko	1	..	39698b
67	6177	35.5	−62 21	*9.0*	10.0	Ko	2	..	19897b
68	3500	35.5	−66 52	*9.1*	9.4	F2	3	..	20427b
69	698	35.5	−83 33	*9.7*	10.7	K	2	..	21397b
70	*1640*	35.6	+64 1	8.1	*9.3*	K5	4	..	37333i
71	1639	35.6	+63 11	9.3	*9.3*	A	2	..	37333i
72	4126	35.6	+30 28	7.46	*8.53*	K2	2	..	38510i
73	4610	35.6	+ 9 31	8.9	*8.9*	Ao	3	..	12063b
74	4221	35.6	+ 2 43	9.1	*10.2*	K2	2	..	14203b
75	5372	35.6	− 7 8	9.2	*10.0*	G5	4	..	40591b
76	5431	35.6	− 8 24	8.2	*9.0*	G5	6	..	40591b
77	*5472*	35.6	− 9 53	8.44	*9.44*	Ko	4	..	40591b
78	6058	35.6	−17 3	9.6	*10.6*	Ko	2	..	40587b
79	6059	35.6	−17 44	6.91	*7.91*	Ko	..	0,8	**56**,146
80	5745	35.6	−18 3	10.0	*10.5*	F8	3	..	40587b
81	5502	35.6	−22 12	9.6	10.1	F5	2	..	40617b
82	16135	35.6	−32 47	9.8	11.8	Pec.	..	R	M
83	14555	35.6	−34 14	8.7	9.9	K5	2	..	40728b
84	14554	35.6	−34 40	8.4	8.8	Fo	8	..	40857b
85	13925	35.6	−39 2	9.0	9.8	Go	5	..	40857b
86	13655	35.6	−48 46	8.5	8.8	Go	7	..	39666b
87	3132	35.6	−69 3	*9.3*	10.1	G5	1	..	20427b
88	2142	35.7	+60 24	7.06	*7.62*	Go	4	..	38795i
89	3157	35.7	+47 20	7.60	*7.60*	Ao	4	2,3	37874i
90	4094	35.7	+23 43	8.4	*8.7*	Fo	2	R	37940i
91	4569	35.7	+ 0 36	8.5	*9.1*	Go	2	*2,3*	10252b
92	5373	35.7	− 7 13	8.6	*8.6*	Ao	6	..	40591b
93	5432	35.7	− 8 17	9.2	*10.3*	K2	2	..	40591b
94	5473	35.7	−10 0	8.13	*9.13*	Ko	5	..	40591b
95	*5815*	35.7	−13 52	7.6	*8.6*	Ko	8	..	39502b
96	*5746*	35.7	−17 57	9.4	*10.0*	Go	4	..	40587b
97	5797	35.7	−21 10	9.2	10.1	G5	3	..	40617b
98	5504	35.7	−22 40	9.6	10.6	Ko	1	..	40617b
99	17262	35.7	−29 7	7.47	7.7	F2	8	..	40897b
100	*13927*	35.7	−38 57	8.7	10.4	Ko	4	..	40857b

197000 — $20^h\ 35^m.7$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13511	35.7	−47 33	9.5	11.0	K5	1	..	39666b
2	4068	35.7	−64 33	*9.1*	9.7	Go	2	..	39282b
3	1457	35.7	−77 46	*8.7*	9.8	K2	3	..	19964b
4	1454	35.8	+64 34	9.0	*9.3*	Fo	3	..	37333i
5	1641	35.8	+63 48	9.6	*10.1*	F8	2	..	37333i
6	1840	35.8	+62 20	8.8	*9.1*	F	2	..	37333i
7	2143	35.8	+60 45	8.6	*8.7*	A2	3	..	38795i
8	*4016*	35.8	+38 1	7.9	*8.0*	A3	4	..	38508i
9	3981	35.8	+33 37	8.5	*8.6*	A2	1	..	38508i
10	*4025*	35.8	− 0 58	8.9	*9.4*	F8	2	..	14692b
11	5816	35.8	−14 10	9.4	*9.9*	F8	1	..	39502b
12	5749	35.8	−18 0	9.2	*10.0*	G5	3	..	40587b
13	5748	35.8	−18 20	9.0	*9.6*	Go	4	..	40582b
14	*14176*	35.8	−37 56	9.1	11.5	K5	1	..	40857b
15	13513	35.8	−47 35	10.1	11.0	Ko	1	..	39666b
16	13099	35.8	−50 50	7.9	7.9	Fo	7	..	42801b
17	4607	35.8	−63 30	*9.4*	10.2	G5	4	..	39282b
18	4266	35.9	+40 13	5.93	*5.88*	B8	8	0,8	38508i
19	3953	35.9	+26 43	8.1	*8.1*	Ao	5	..	38510i
20	4323	35.9	+25 41	9.1	*9.7*	Go	1	5,1	36781i
21	4095	35.9	+23 34	8.6	*9.6*	Ko	1	0,1	37940i
22	4671	35.9	+20 31	8.2	*8.2*	Ao	4	..	38507i
23	*4613*	35.9	+10 6	8.77	*9.84*	K2	1	..	12063b
24	5374	35.9	− 7 15	9.6	*10.6*	Ko	2	..	40591b
25	5543	35.9	− 9 2	9.4	*10.2*	G5	2	..	40591b
26	5818	35.9	−14 22	9.6	*10.2*	Go	2	..	39502b
27	14976	35.9	−27 34	9.9	9.1	Go	4	..	40897b
28	16140	35.9	−32 24	7.9	7.7	F8	7	..	40728b
29	14561	35.9	−34 5	9.4	10.2	K5	1	..	40728b
30	13992	35.9	−40 48	10.0	10.9	G5	2	..	39677b
31	14178	35.9	−41 35	10.0	10.9	Go	2	..	39677b
32	15047	35.9	−42 22	9.3	10.1	Fo	4	..	39677b
33	13670	35.9	−46 8	11.0	10.7	F5	3	..	39666b
34	9457	35.9	−55 1	9.50	10.5	Go	2	..	42801b
35	2148	36.0	+58 37	7.9	*8.9*	Ko	4	..	38795i
36	3233	36.0	+45 19	6.46	*6.29*	B3	8	..	37874i
37	3845	36.0	+41 54	6.87	*7.43*	Go	7	..	37874i
38	4324	36.0	+25 25	8.6	*8.7*	A2	4	..	38510i
39	4227	36.0	+15 17	6.80	*7.22*	F5	4	..	37938i
40	4389	36.0	+14 10	7.68	*7.74*	A2	3	..	37938i
41	4345	36.0	+ 1 38	9.1	*9.4*	F2	5	..	14203b
42	4027	36.0	− 1 26	8.7	*9.8*	K2	2	..	14692b
43	5220	36.0	− 4 7	8.8	*9.1*	F2	3	..	14379b
44	5221	36.0	− 4 28	9.0	*10.0*	Ko	2	..	14379b
45	5344	36.0	− 5 34	9.2	*10.4*	K5	2	..	40591b
46	5892	36.0	−19 25	8.6	10.1	G5	4	..	40582b
47	16426	36.0	−23 30	8.0	8.6	F2	7	..	40617b
48	15195	36.0	−26 53	10.4	10.6	Go	1	..	40897b
49	13102	36.0	−50 21	9.1	10.0	G5	3	..	42801b
50	3864	36.0	−65 22	*9.7*	10.3	Go	2	..	39282b
51	3501	36.0	−66 34	3.60	*3.74*	A5	..	3,6 R	**28**,215
52	1140	36.1	+68 12	9.0	*10.4*	Ma	..	..	M
53	*1311*	36.1	+67 9	7.35	*7.33*	B9	9	..	37333i
54	*4111*	36.1	+35 1	6.86	*7.86*	Ko	6	..	38508i
55	4498	36.1	+ 8 27	9.5	*9.5*	Ao	1	..	12063b
56	5335	36.1	− 2 40	9.0	*10.1*	K2	1	..	14193b
57	*5345*	36.1	− 4 54	9.8	*10.6*	G5	1	..	14379b
58	5558	36.1	− 6 22	7.6	*8.6*	Ko	8	..	40591b
59	5377	36.1	− 7 5	9.8	*9.8*	Ao	3	..	40591b
60	5376	36.1	− 7 33	8.6	*9.6*	Ko	5	..	40591b
61	5546	36.1	− 9 10	9.0	*9.8*	G5	5	..	40591b
62	5545	36.1	− 9 25	10.0	*11.0*	Ko	2	..	40609b
63	17265	36.1	−29 18	10.2	10.6	A5	2	..	40897b
64	*17780*	36.1	−30 56	8.1	8.8	Fo	6	..	40728b
65	14103	36.1	−44 24	10.1	11.5	G5	2	..	39677b
66	13515	36.1	−47 8	10.3	11.0	Go	2	..	39666b
67	11748	36.1	−52 45	*9.7*	10.3	Go	1	..	42801b
68	7421	36.1	−60 10	9.0	9.1	A3	3	..	19897b
69	4608	36.1	−63 30	*8.6*	9.4	G5	2	..	42680b
70	2551	36.1	−72 19	*8.5*	8.6	A5	4	..	42475b
71	*2461*	36.2	+57 3	8.1	*8.2*	A3	3	..	38795i
72	2462	36.2	+56 14	8.1	*8.6*	F8	2	..	19317i
73	3158	36.2	+47 51	8.58	*8.58*	A	2	..	37874i
74	4181	36.2	+38 24	8.1	*9.2*	K2	1	..	38508i
75	4318	36.2	+21 34	7.13	*7.11*	B9	7	..	38507i
76	4484	36.2	+19 33	6.40	*7.18*	G5	7	R	38507i
77	4350	36.2	+11 26	9.1	*9.2*	A2	2	..	13875b
78	4357	36.2	+10 13	8.92	*8.90*	B9	5	..	12063b
79	4582	36.2	+ 5 48	8.9	*9.7*	G5	3	..	12063b
80	5808	36.2	−12 42	8.2	*8.7*	F8	5	..	39502b
81	*5820*	36.2	−13 54	9.8	*10.3*	F8	2	..	39502b
82	15198	36.2	−26 51	9.4	10.9	K2	1	..	40897b
83	15142	36.2	−33 41	8.4	9.4	Go	4	..	40728b
84	15141	36.2	−33 50	8.7	9.4	A5	5	..	40728b
85	13671	36.2	−46 21	9.2	9.8	K2	4	..	39666b
86	3757	36.2	−67 15	*8.0*	9.4	Ma	3	..	20427b
87	4144	36.3	+22 22	8.8	*8.9*	A3	1	..	38507i
88	4583	36.3	+ 5 57	8.6	*9.8*	K5	2	..	12063b
89	5394	36.3	−11 18	7.70	*8.26*	Go	7	..	39502b
90	5821	36.3	−14 16	9.2	*9.6*	F5	4	..	39502b
91	5750	36.3	−18 15	8.5	*8.6*	A2	5	..	40582b
92	5802	36.3	−21 38	9.0	10.1	G5	3	..	40617b
93	*13994*	36.3	−39 55	6.38	7.6	Ko	..	0,10	**56**,146
94	14183	36.3	−41 13	8.4	9.3	F8	6	..	39677b
95	14151	36.3	−43 14	9.7	11.3	F8	4	..	39677b
96	13516	36.3	−47 39	10.6	11.0	F8	1	..	39666b
97	11749	36.3	−52 10	7.4	7.9	Fo	6	..	42801b
98	511	36.3	−85 11	*8.5*	9.7	K5	2	..	14161b
99	*1485*	36.4	+66 1	8.6	*8.9*	F2	5	..	37333i
100	2145	36.4	+60 33	8.5	*9.0*	F8	3	..	38795i

197100 — $20^h\ 36^m.4$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	2444	36.4	+55 39	6.50	*6.78*	Fo	7	..	37971i
2	4329	36.4	+25 43	6.75	*6.75*	Ao	9	..	38510i
3	4378	36.4	+17 13	6.61	*6.61*	Ao	9	..	38507i
4	4428	36.4	+12 18	8.3	*9.1*	G5	2	..	12063b
5	4068	36.4	− 0 23	8.3	*8.4*	A5	3	0,3 R	14692b
6	5346	36.4	− 5 5	10.3	*10.9*	Go	1	..	14379b
7	*5378*	36.4	− 6 52	8.8	*8.8*	Ao	6	..	40591b
8	*5547*	36.4	− 8 51	9.6	*10.0*	F5	5	..	40591b
9	5734	36.4	−13 3	9.2	*9.8*	Go	3	..	39502b
10	*16434*	36.4	−22 59	9.7	10.2	Ko	3	..	40617b
11	16433	36.4	−23 22	8.9	9.5	K2	3	..	40617b
12	13934	36.4	−39 29	9.0	9.5	Fo	5	..	40857b
13	15052	36.4	−42 27	8.7	9.8	Ko	5	..	39677b
14	13675	36.4	−46 43	9.2	9.5	F2	5	..	39666b
15	2173	36.4	−73 4	*8.9*	9.9	Ko	2	..	42475b
16	2149	36.5	+58 40	8.6	*8.7*	A2	2	..	38795i
17	3159	36.5	+47 13	8.10	*8.10*	Ao	1	..	38477i
18	3001	36.5	+46 59	7.62	*7.62*	Ao	5	..	37874i
19	*4134*	36.5	+31 0	8.4	*8.5*	A2	3	..	37912i
20	4131	36.5	+29 27	6.09	*6.09*	Ao	9	..	38510i
21	4393	36.5	+14 14	6.19	*7.26*	K2	6	0,5	38948i
22	*4352*	36.5	+12 8	8.3	*8.3*	Ao	2	..	12063b
23	5337	36.5	− 2 9	8.6	*8.7*	A2	5	..	14692b
24	5223	36.5	− 4 45	10.0	*10.5*	F8	2	..	14379b
25	*5439*	36.5	− 7 59	8.0	*8.0*	Ao	8	..	40591b
26	5550	36.5	− 9 8	8.0	*9.0*	Ko	6	..	40591b
27	5476	36.5	−10 17	10.3	*11.1*	G5	1	..	40609b
28	5474	36.5	−10 31	9.6	*9.9*	Fo	2	..	40609b
29	5894	36.5	−19 40	9.2	10.2	Ko	1	..	40617b
30	15210	36.5	−26 34	9.7	10.3	Ko	1	..	40897b
31	13935	36.5	−39 11	9.0	9.5	K2	5	..	40857b
32	14154	36.5	−43 40	10.1	11.0	Fo	3	..	39677b
33	14105	36.5	−44 26	10.6	11.5	Go	2	..	39677b
34	4609	36.5	−63 37	*8.9*	9.5	Go	2	..	19897b
35	*1337*	36.5	−77 58	*8.9*	10.1	K5	3	..	19964b
36	1112	36.5	−79 38	*9.2*	9.3	A2	4	..	21397b
37	1642	36.6	+63 53	8.5	*9.0*	F8	4	..	37333i
38	3235	36.6	+45 39	8.6	*9.2*	Go	2	..	37874i
39	*3818*	36.6	+43 5	6.15	*7.15*	Ko	8	..	37874i
40	4183	36.6	+38 25	8.0	*8.8*	G5	2	..	38508i
41	5338	36.6	− 2 23	8.7	*9.2*	F8	4	..	14692b
42	4987	36.6	− 3 46	8.0	*8.5*	F8	5	..	14692b
43	*5347*	36.6	− 4 51	9.00	*9.56*	Go	5	..	14379b
44	6060	36.6	−17 27	8.8	*9.9*	K2	3	..	40582b
45	*5895*	36.6	−18 57	9.2	9.2	A5	5	..	40582b
46	13659	36.6	−48 5	9.3	10.6	K5	2	..	39666b
47	9932	36.6	−53 18	*9.8*	10.4	Go	1	..	42801b
48	3758	36.6	−67 11	*8.1*	9.1	Ko	3	..	20427b
49	*2391*	36.7	+55 2	8.31	*8.59*	Fo	2	..	19317i
50	4380	36.7	+17 50	8.5	*9.1*	Go	2	..	38507i
51	5340	36.7	− 2 50	9.6	*10.6*	Ko	1	..	14193b
52	5348	36.7	− 5 21	9.2	*10.2*	Ko	3	..	14379b
53	5560	36.7	− 6 14	10.0	*10.8*	G5	2	..	14379b
54	5397	36.7	−11 36	10.3	*10.8*	F8	1	..	39502b
55	16221	36.7	−24 40	9.7	9.7	F8	2	..	40617b
56	17274	36.7	−29 29	8.9	10.0	Ko	3	..	40897b
57	11752	36.7	−52 17	4.70	*4.98*	Fo	..	5, R	28,215
58	622	36.7	−84 15	*8.2*	9.2	Ko	4	..	21397b
59	1842	36.8	+62 40	9.0	*9.1*	A3	2	..	37333i
60	2230	36.8	+57 33	8.6	*8.6*	Ao	4	..	38795i
61	3538	36.8	+44 25	8.2	*8.2*	Ao	4	..	37874i
62	*4179*	36.8	+37 2	8.1	*9.1*	Ko	2	..	38508i
63	9741	36.8	−54 12	8.2	8.4	F2	6	..	42801b
64	*9545*	36.8	−55 56	*10.3*	11.1	G5	2	..	39458b
65	4069	36.8	−64 47	7.56	7.6	Ao	9	..	20427b
66	1486	36.9	+65 28	9.5	*9.8*	Fo	3	..	37333i
67	3237	36.9	+45 12	8.02	*8.02*	Ao	3	..	38477i
68	*4395*	36.9	+15 1	7.99	*8.77*	G5	2	..	38948i
69	4487	36.9	+13 27	6.77	*6.83*	A2	7	..	37938i
70	4528	36.9	+ 7 35	8.9	*10.0*	K2	1	..	12063b
71	5826	36.9	−14 10	9.0	*9.6*	Go	3	..	39502b
72	17277	36.9	−29 8	7.9	8.5	F8	6	..	40897b
73	16148	36.9	−32 44	8.6	9.8	Go	3	..	40728b
74	14576	36.9	−34 34	8.9	8.7	A2	8	..	40857b
75	1644	37.0	+63 31	8.7	*9.0*	F2	3	..	37333i
76	4114	37.0	+34 40	7.17	*7.51*	F2	7	..	38508i
77	4181	37.0	+31 57	5.77	*6.55*	Ko	7	R	38510i
78		37.0	+31 57			A			
79	4431	37.0	+12 10	7.6	*8.1*	F8	2	..	37938i
80	4355	37.0	+11 13	7.6	*8.7*	K2	4	..	13875b
81	4500	37.0	+ 8 22	9.1	*9.2*	A2	4	..	12063b
82	5441	37.0	− 8 17	10.0	*10.0*	Ao	3	..	40591b
83	5552	37.0	− 9 0	9.8	*10.8*	Ko	3	..	40591b
84	5827	37.0	−14 30	9.4	*10.2*	G5	1	..	39502b
85	5672	37.0	−16 2	8.0	*8.8*	G5	5	..	39502b
86	5674	37.0	−16 43	9.4	*10.4*	Ko	1	..	40582b
87	5754	37.0	−18 28	7.12	*7.40*	Fo	8	..	40582b
88	14980	37.0	−25 17	9.9	9.7	A5	2	..	40617b
89	16150	37.0	−32 39	9.4	10.0	F5	2	..	40728b
90	14184	37.0	−38 6	8.8	10.7	K5	2	..	40857b
91	13111	37.0	−50 3	9.7	10.9	K5	1	..	39666b
92	3502	37.0	−66 32	*9.5*	10.0	F8	3	..	20542b
93	3987	37.1	+33 55	8.5	*8.6*	A3	2	..	38508i
94	3829	37.1	+27 17	8.5	*8.5*	Ao	3	..	38510i
95	4432	37.1	+12 37	8.0	*8.8*	G5	4	E	12063b
96	*4586*	37.1	+ 6 9	6.86	*6.81*	B8	7	..	38030i
97	5736	37.1	−13 27	7.8	*8.4*	Go	7	..	39502b
98	5675	37.1	−16 16	8.2	*8.3*	A2	5	..	40582b
99	14185	37.1	−38 41	9.3	9.5	Ao	6	..	40857b
100	15058	37.1	−42 25	9.9	10.9	Go	1	..	39677b

197200 **$20^h\ 37^m.1$**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13204	37.1	−49 27	10.3	10.6	Go	2	..	39666b
2	11755	37.1	−52 38	9.5	10.3	G5	2	..	42801b
3	512	37.1	−85 23	9.4	9.4	A	2	..	15173b
4	4276	37.2	+40 50	6.92	6.90	B9	6	0,5	38508i
5	4185	37.2	+36 40	7.9	9.0	K2	2	..	38508i
6	4138	37.2	+30 54	7.45	8.52	K2	2	..	37912i
7	4135	37.2	+29 49	8.8	9.6	G5	2	..	38510i
8	3849	37.2	+29 0	8.0	8.5	F8	3	..	38510i
9	4491	37.2	+13 57	8.08	8.08	Ao	2	..	37938i
10	5349	37.2	− 5 40	7.8	8.4	Go	8	..	40591b
11	5401	37.2	−11 20	7.64	8.06	F5	9	..	40609b
12	6011	37.2	−19 51	8.48	9.5	G5	6	5,5	40582b
13	14993	37.2	−27 27	10.2	10.6	Ko	1	..	40897b
14	17282	37.2	−29 47	6.91	7.7	Go	9	..	40728b
15	14301	37.2	−35 53	8.7	9.3	F8	6	..	40857b
16	13999	37.2	−40 25	8.0	9.3	Ko	7	..	39677b
17	14160	37.2	−43 10	9.3	11.3	K5	4	..	39677b
18	13524	37.2	−47 19	9.3	9.8	Fo	5	..	39666b
19	7422	37.2	−59 58	8.60	8.9	G5	3	..	19897b
20	4610	37.2	−63 2	8.2	8.5	Fo	5	..	42680b
21	4070	37.2	−64 19	9.3	9.7	F5	2	..	39282b
22	..	37.2	−66 46	..	..	G5	1	..	20542b
23	1456	37.3	+65 8	9.25	9.67	F5	2	..	37333i
24	1645	37.3	+64 8	9.0	9.6	Go	4	..	37333i
25	2393	37.3	+54 53	8.6	9.1	F8	2	..	19317i
26	4187	37.3	+38 43	6.44	6.42	B9	9	..	38508i
27	3850	37.3	+28 58	9.0	9.8	G5	1	..	38510i
28	4680	37.3	+20 22	7.35	7.43	A3	7	..	38507i
29	4585	37.3	+19 9	8.3	8.4	A2	2	..	38507i
30	4359	37.3	+11 12	10.1	10.1	Ao	1	..	12063b
31	4617	37.3	+ 6 49	8.0	9.2	K5	2	..	12063b
32	4072	37.3	+ 0 5	9.03	9.45	F5	2	..	14692b
33	5343	37.3	− 2 41	7.06	7.12	A2	8	..	14692b
34	5479	37.3	−10 42	9.6	9.7	A3	2	..	40609b
35	6012	37.3	−20 36	8.8	9.5	F2	4	..	40617b
36	5508	37.3	−22 20	9.0	10.6	Ko	2	..	40617b
37	17795	37.3	−31 55	8.5	9.7	Ko	2	..	40732b
38	14188	37.3	−38 12	9.4	11.8	K5	1	..	40857b
39	13998	37.3	−45 8	8.31	8.7	G5	6	..	39666b
40	13683	37.3	−45 56	9.7	9.8	F5	5	..	39666b
41	13206	37.3	−49 36	9.9	10.3	G5	2	..	39666b
42	R	37.3	−61 9	..	..	F8	1	..	39282b
43	1927	37.3	−74 41	8.9	10.1	K5	1	3,1	45404b
44	2465	37.4	+56 55	8.6	8.7	A2	1	..	38795i
45	4107	37.4	+23 49	6.79	6.79	Ao	5	..	38510i
46	4155	37.4	+22 37	7.8	8.8	Ko	3	..	38507i
47	4154	37.4	+22 12	8.5	8.5	Ao	4	..	38507i
48	4682	37.4	+20 20	7.95	8.73	G5	1	..	38507i
49	4382	37.4	+17 11	6.27	7.27	Ko	7	..	38507i
50	4504	37.4	+ 8 57	8.9	9.0	A2	3	..	12063b
51	4405	37.4	+ 4 2	9.5	9.6	A5	3	..	14203b
52	5345	37.4	− 2 43	8.5	9.1	Go	5	..	14692b
53	5555	37.4	− 9 33	10.3	11.5	K5	1	..	40609b
54	5812	37.4	−12 22	8.8	9.4	Go	5	..	39502b
55	5676	37.4	−15 59	8.7	9.7	Ko	2	..	40582b
56	5805	37.4	−21 10	9.0	8.9	F8	5	..	40617b
57	14989	37.4	−25 32	9.9	9.7	Ao	3	..	40617b
58	14371	37.4	−36 1	8.7	9.6	Ko	3	..	40857b
59	13684	37.4	−46 16	11.0	11.0	G5	1	..	39666b
60	9934	37.4	−53 1	8.8	10.5	K2	2	..	42801b
61	3992	37.5	+33 21	8.2	9.2	Ko	2	..	38508i
62	3903	37.5	+32 39	8.8	8.8	B9	2	..	37912i
63	3832	37.5	+27 55	8.2	8.8	Go	2	..	38510i
64	3961	37.5	+26 45	8.5	9.5	Ko	1	..	38510i
65	4359	37.5	+10 27	8.6	9.6	Ko	2	..	12063b
66	5563	37.5	− 6 11	10.3	10.9	Go	2	..	14379b
67	5510	37.5	−22 40	9.1	9.5	F2	6	..	40617b
68	18133	37.5	−30 36	7.86	8.5	K2	4	..	40728b
69	14163	37.5	−43 37	11.0	11.5	Fo	2	..	39677b
70	13687	37.5	−46 26	10.1	10.6	Ko	2	..	39666b
71	1460	37.5	−77 12	9.0	10.2	K5	1	..	19964b
72	624	37.5	−83 58	10.2	10.2	A	2	..	21397b
73	4025	37.6	+37 27	8.6	9.6	Ko	2	..	38508i
74	4489	37.6	+19 30	7.48	8.48	Ko	3	..	38507i
75	4490	37.6	+19 16	7.52	7.52	Ao	6	..	38507i
76	4437	37.6	+12 16	7.55	8.73	K5	1	..	37938i
77	4616	37.6	+10 7	8.32	9.39	K2	3	..	12063b
78	4619	37.6	+ 6 51	8.1	8.9	G5	4	..	12063b
79	4034	37.6	− 1 48	9.8	10.3	F8	2	..	14692b
80	5443	37.6	− 8 28	9.4	10.0	Go	3	..	40591b
81	5444	37.6	− 8 48	10.4	11.0	Go	2	..	14379b
82	6063	37.6	−17 38	10.3	11.3	Ko	2	..	40582b
83	6014	37.6	−19 51	9.6	9.6	F2	3	3,2-	40582b
84	5511	37.6	−22 49	7.16	8.6	G5	8	..	40617b
85	14192	37.6	−38 40	9.8	10.7	Go	2	..	40857b
86	13941	37.6	−39 35	9.4	10.1	F8	3	..	40857b
87	14001	37.6	−40 23	9.6	10.9	K2	2	..	39677b
88	9547	37.6	−56 28	9.1	9.9	F8	4	..	39698b
89	7423	37.6	−60 54	9.3	9.7	F5	1	..	19897b
90	2270	37.7	+59 20	8.1	8.1	Ao	4	..	38795i
91	3683	37.7	+43 59	8.2	8.2	Ao	4	..	37874i
92	4218	37.7	+35 34	7.52	8.59	K2	3	..	38508i
93	4217	37.7	+35 22	8.2	8.2	B9	5	..	38508i
94	4360	37.7	+12 6	8.4	9.6	K5	1	..	12063b
95	5564	37.7	− 6 45	9.0	9.0	Ao	4	..	40591b
96	5483	37.7	−10 14	10.3	10.7	F5	1	..	40609b
97	5829	37.7	−14 15	9.2	9.8	Go	3	..	39502b
98	6065	37.7	−17 12	9.8	9.9	A2	3	..	40582b
99	5901	37.7	−19 51	8.78	9.5	Fo	4	5,3	40582b
100	14991	37.7	−25 3	8.55	9.1	Go	5	..	40617b

197300 — 20h 37m.7

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	15225	37.7	−26 37	9.1	9.7	Ko	4	..	40897b
2	15161	37.7	−33 8	8.4	10.3	K2	2	..	40728b
3	13208	37.7	−49 17	10.1	10.3	F5	2	..	39666b
4	..	37.7	−62 22	..	..	Ko	2	..	39282b
5	..	37.7	−65 7	..	..	Mb	..	..	M
6	750	37.8	+75 40	8.87	*9.87*	Ko	1	..	37266i
7	*1488*	37.8	+66 4	9.0	*9.1*	A5	4	..	37333i
8	2396	37.8	+54 45	7.31	*7.31*	Ao	6	..	37971i
9	4194	37.8	+36 24	7.9	*9.1*	K5	1	..	38508i
10	4219	37.8	+35 11	7.42	*7.98*	Go	5	..	38508i
11	*4586*	37.8	+19 2	8.1	*9.1*	Ko	2	..	38507i
12	4440	37.8	+12 23	8.0	*8.4*	F5	4	5,2R	38948i
13	4441	37.8	+12 23	8.0					
14	*4622*	37.8	+ 7 2	8.7	*9.9*	K5	1	..	12063b
15	4231	37.8	+ 2 38	8.3	*8.6*	F2	6	..	14203b
16	5351	37.8	− 5 21	9.8	*10.6*	G5	1	..	14379b
17	5814	37.8	−12 5	8.6	*8.7*	A2	6	..	39502b
18	5902	37.8	−19 29	9.2	10.2	G5	3	..	40582b
19	5806	37.8	−21 28	9.0	9.6	Ko	2	..	40617b
20	16445	37.8	−23 50	7.9	8.3	F8	7	..	40617b
21	*13663*	37.8	−47 55	9.5	9.7	Go	5	..	39666b
22	13114	37.8	−50 51	7.1	7.4	Ao	8	..	42801b
23	9461	37.8	−55 8	8.3	8.4	Fo	6	..	42801b
24	1657	37.8	−75 25	*8.0*	8.4	F5	5	..	42475b
25	1446	37.8	−76 12	*7.5*	8.5	Ko	4	..	42475b
26	1489	37.9	+65 46	9.1	*9.5*	F5	3	..	37333i
27	2397	37.9	+54 18	8.2	*8.2*	Ao	2	..	37971i
28	4026	37.9	+37 52	8.4	*9.5*	K2	1	..	38508i
29	4145	37.9	+30 57	6.97	*6.97*	Ao	7	..	37912i
30	5402	37.9	−11 7	7.8	*8.8*	Ko	7	..	40609b
31	5815	37.9	−12 8	9.2	*10.0*	G5	3	..	39502b
32	*5766*	37.9	−14 51	10.0	*10.4*	F5	1	..	39502b
33	5761	37.9	−18 35	9.4	*10.5*	K2	3	..	40582b
34	5903	37.9	−19 0	9.4	11.0	K2	2	..	40582b
35	*15226*	37.9	−25 59	9.9	10.0	A5	2	..	40617b
36	15227	37.9	−26 11	7.84	9.1	Ko	6	..	40897b
37	15001	37.9	−27 31	9.7	10.6	K2	1	..	40897b
38	16874	37.9	−28 17	8.1	7.9	Ao	7	..	40897b
39	16161	37.9	−32 18	7.40	8.5	K2	7	..	40728b
40	13898	37.9	−37 6	9.0	9.6	Ao	5	..	40857b
41	13115	37.9	−50 52	7.1	8.2	G5	6	..	42801b
42	1928	37.9	−74 39	*8.7*	8.7	Ao	5	..	42475b
43	1344	37.9	−78 30	*7.7*	8.1	F5	7	..	21397b
44	1457	38.0	+64 47	8.1	*8.1*	B8	5	..	37333i
45	3541	38.0	+44 55	1.33	*1.39*	A2p	..	R	28,215
46	4221	38.0	+35 23	8.4	*8.8*	F5	2	..	38508i
47	*5349*	38.0	− 1 58	9.2	*9.3*	A2	3	..	14692b
48	*5565*	38.0	− 5 52	9.6	*10.2*	Go	3	..	14379b
49	5448	38.0	− 8 48	10.3	*10.8*	F8	3	..	14379b
50	5557	38.0	− 9 30	10.7	*10.8*	A2	2	..	40609b
51	5484	38.0	−10 9	10.0	*10.6*	Go	2	..	40609b
52	5831	38.0	−14 46	9.4	*10.0*	Go	2	..	39502b
53	5767	38.0	−15 33	8.02	*8.44*	F5	6	..	39502b
54	*5807*	38.0	−20 53	9.2	10.1	Ao	3	..	40617b
55	5808	38.0	−21 36	9.0	8.6	Fo	7	..	40617b
56	14199	38.0	−41 12	10.2	10.4	G5	3	..	39677b
57	13531	38.0	−47 49	10.6	10.1	F8	3	..	39666b
58	*9548*	38.0	−55 56	*10.5*	11.1	Go	2	..	39458b
59	3865	38.0	−65 16	6.87	8.2	Ko	9	..	20427b
60	3385	38.0	−68 11	*9.3*	9.3	Ao	4	..	20427b
61	4110	38.1	+23 38	8.4	*8.5*	A2	2	..	37940i
62	5354	38.1	− 5 32	9.2	*10.2*	Ko	4	..	14379b
63	5566	38.1	− 6 35	8.7	*9.5*	G5	3	..	40591b
64	5818	38.1	−12 0	6.80	*7.58*	G5	8	..	39502b
65	5817	38.1	−12 47	8.6	*9.1*	F8	3	..	39502b
66	5742	38.1	−13 30	9.0	*9.1*	A3	4	..	39502b
67	5743	38.1	−13 48	9.4	*9.9*	F8	2	..	39502b
68	5514	38.1	−22 37	9.4	10.1	Go	2	..	40617b
69	*18143*	38.1	−29 59	10.2	10.0	F5	1	..	40633b
70	9750	38.1	−57 19	8.2	8.7	F5	7	..	39698b
71	4612	38.1	−63 31	*9.9*	10.2	F2	2	..	39282b
72	2572	38.1	−71 43	*9.8*	9.8	Ao	3	..	42475b
73	*2272*	38.2	+60 9	5.95	*6.37*	F5	9	..	38795i
74	3687	38.2	+43 28	8.5	*8.5*	Ao	3	..	37874i
75	*3833*	38.2	+43 5	7.9	*7.9*	Ao	4	..	37874i
76	3855	38.2	+41 39	8.1	*8.7*	Go	1	..	37874i
77	4280	38.2	+39 9	7.8	*7.9*	A2	3	..	38508i
78	4590	38.2	+18 50	8.6	*10.0*	Map	..	R	M
79	4533	38.2	+ 7 39	10.1	*10.2*	A3	2	..	12063b
80	5681	38.2	−16 11	8.6	*8.9*	Fo	5	..	40582b
81	6067	38.2	−17 8	9.6	*9.7*	A3	3	R	40582b
82	5905	38.2	−19 41	7.33	8.3	Ko	6	0,7	40617b
83	16876	38.2	−28 31	10.6	10.6	Ko	1	..	40897b
84	15166	38.2	−33 51	8.7	9.4	Go	4	..	40728b
85	13536	38.2	−47 3	9.3	10.4	Ko	2	..	39666b
86	13534	38.2	−47 39	8.6	10.1	K2	4	..	39666b
87	12694	38.2	−51 27	9.3	9.4	Go	4	..	42801b
88	1447	38.2	−76 17	*8.8*	9.6	G5	4	..	19964b
89	1114	38.2	−79 15	*9.4*	10.4	K	1	..	21397b
90	*2449*	38.3	+56 8	9.3	*9.3*	A	1	..	38795i
91	3542	38.3	+44 17	9.1	*9.1*	Ao	2	..	37874i
92	3856	38.3	+41 22	5.60	*5.55*	B8	9	1,10	38508i
93	4224	38.3	+35 46	8.8	*9.3*	F8	1	..	38508i
94	4124	38.3	+34 12	8.1	*8.2*	A2	4	..	38508i
95	4146	38.3	+29 54	8.4	*9.5*	K2	1	..	38510i
96	4691	38.3	+20 29	8.5	*9.5*	Ko	2	..	38507i
97	4591	38.3	+18 41	8.3	*8.3*	Ao	3	..	38507i
98	5236	38.3	− 4 48	8.95	*9.23*	Fo	6	..	14379b
99	5404	38.3	−11 14	9.4	*10.5*	K2	1	..	40609b
100	5769	38.3	−15 21	9.4	*10.0*	Go	2	..	39502b

197400

20h 38m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5763	38.3	−18 6	9.8	*10.1*	F2	3	..	40582b
2	14382	38.3	−36 12	6.92	7.9	Ko	9	..	40857b
3	*14008*	38.3	−39 56	8.23	9.2	Ko	6	..	40857b
4	12695	38.3	−51 43	9.3	9.3	F5	3	..	42801b
5	4072	38.3	−64 47	*9.0*	10.0	Ko	1	..	19897b
6	2777	38.4	+52 14	10.3	*11.7*	Ma	..	..	M
7	3834	38.4	+42 10	7.40	*7.82*	F5	4	..	37874i
8	4593	38.4	+18 59	8.9	*9.0*	A2	2	..	38507i
9	*4076*	38.4	+ 0 7	8.68	*8.68*	Ao	4	0,4	10252b
10	5450	38.4	− 8 46	9.2	*9.7*	F8	5	..	14379b
11	5834	38.4	−14 27	9.4	*9.5*	A5	4	..	39502b
12	5812	38.4	−21 33	8.4	8.6	Kc	7	..	40617b
13	15005	38.4	−27 35	8.1	7.9	A2	7	..	40897b
14	14171	38.4	−43 50	9.9	10.7	F8	5	..	39677b
15	12696	38.4	−51 24	10.3	9.6	F8	3	..	42801b
16	7424	38.4	−60 39	8.6	8.5	F5	6	..	19897b
17	2554	38.4	−72 35	*7.5*	7.5	Ao	7	..	42475b
18	1647	38.5	+63 52	8.1	*8.4*	Fo	4	..	37333i
19	*4127*	38.5	+35 5	6.50	*6.33*	B3	9	R	38508i
20	4351	38.5	+16 44	var.	var.	Mc	..	R	M
21	5351	38.5	− 2 49	8.0	*9.0*	Ko	4	..	14692b
22	5355	38.5	− 5 6	9.0	*9.8*	G5	3	..	14379b
23	*5383*	38.5	− 6 56	10.0	*10.5*	F8	3	..	14379b
24	5744	38.5	−13 9	9.6	*10.2*	Go	2	..	39502b
25	15007	38.5	−27 25	8.5	8.8	F5	6	..	40897b
26	16879	38.5	−28 34	7.08	7.5	A3	10	..	40897b
27	17294	38.5	−29 38	8.7	8.8	F8	5	..	40633b
28	13691	38.5	−46 33	8.5	8.9	G5	5	..	39666b
29	13537	38.5	−47 35	9.2	10.4	Ko	3	..	39666b
30	7635	38.5	−59 18	*9.0*	9.4	F5	5	..	39698b
31	2555	38.5	−72 54	*6.6*	6.6	Ao	9	..	42475b
32	710	38.6	+81 35	8.7	*9.7*	Ko	1	..	37294i
33	752	38.6	+75 14	7.62	*8.40*	G5	4	R	37224i
34	2466	38.6	+53 51	7.9	*7.9*	Ao	*3*	..	37971i
35	4590	38.6	+ 5 42	7.9	*8.7*	G5	4	5,3	14194b
36	5567	38.6	− 6 19	7.87	*8.65*	G5	6	..	40591b
37	15009	38.6	−27 49	8.7	8.5	Ao	7	..	40897b
38	*18149*	38.6	−29 57	9.2	10.9	Ko	1	..	40633b
39	13953	38.6	−39 16	9.4	10.1	A3	4	..	40857b
40	14203	38.6	−41 40	8.4	9.5	K2	6	..	39677b
41	*13669*	38.6	−47 59	9.3	9.7	G5	5	..	39666b
42	1136	38.7	+70 49	7.9	*9.1*	K5	1	..	38573i
43	*1313*	38.7	+67 0	8.2	*8.7*	F8	5	..	37333i
44	4197	38.7	+38 17	8.4	*8.5*	A2	2	..	38508i
45	4693	38.7	+20 43	9.0	*9.8*	G5	1	..	38507i
46	4510	38.7	+ 8 29	9.1	*9.6*	F8	3	..	12063b
47	4626	38.7	+ 6 13	7.30	*8.30*	Ko	3	..	38030i
48	*4529*	38.7	+ 5 2	6.66	*6.66*	Ao	7	..	38030i
49	4410	38.7	+ 3 59	8.5	*9.5*	Ko	3	..	14203b
50	5356	38.7	− 5 49	10.3	*10.3*	Ao	3	..	14379b
51	*5568*	38.7	− 5 58	7.17	*7.45*	Fo	10	..	14379b
52	5384	38.7	− 7 11	9.8	*10.9*	K2	1	..	14379b
53	*5451*	38.7	− 7 52	9.6	*10.2*	Go	3	..	40591b
54	*5821*	38.7	−11 58	8.4	*9.5*	K2	3	..	39502b
55	5822	38.7	−12 40	9.2	*9.3*	A5	3	..	39502b
56	5746	38.7	−13 46	9.4	*10.2*	G5	2	..	39502b
57	5837	38.7	−14 4	9.0	*9.6*	Go	3	..	39502b
58	*5516*	38.7	−21 58	9.1	9.5	F5	3	..	40617b
59	14121	38.7	−44 7	8.0	9.2	Ko	8	..	39677b
60	*4229*	38.8	+36 2	8.6	*8.4*	B2	3	..	38508i
61	4403	38.8	+14 43	4.53	*4.67*	A5	..	5, R	2077c
62	4511	38.8	+ 8 44	7.9	*8.0*	A3	6	..	12063b
63	4411	38.8	+ 3 42	7.9	*9.1*	K5	5	..	14203b
64	*5452*	38.8	− 7 57	9.0	*9.6*	Go	4	..	40591b
65	5453	38.8	− 8 23	9.2	*9.3*	A2	5	..	40591b
66	5560	38.8	− 9 24	7.71	*7.99*	Fo	8	..	40609b
67	5772	38.8	−15 25	8.7	*9.3*	Go	4	..	39502b
68	16453	38.8	−23 33	9.4	8.9	F5	4	..	40617b
69	*15071*	38.8	−41 56	9.1	10.1	K2	4	..	39677b
70	9751	38.8	−57 25	*10.2*	11.3	K2	1	..	39698b
71	1261	38.9	+67 26	9.1	*9.6*	F8	3	..	37333i
72	4163	38.9	+22 38	8.7	*8.8*	A2	3	..	38507i
73	4494	38.9	+19 32	7.68	*8.46*	G5	4	..	38507i
74	4355	38.9	+16 36	8.56	*9.06*	F8	2	..	38948i
75	5240	38.9	− 4 29	9.1	*10.3*	K5	1	..	14193b
76	*5487*	38.9	− 9 58	9.54	*10.54*	Ko	2	..	40609b
77	5909	38.9	−19 25	9.2	10.6	Mb	1	..	40582b
78	*5813*	38.9	−20 57	9.2	11.0	G5	1	..	40617b
79	*15238*	38.9	−25 58	9.4	10.6	Ko	1	..	40633b
80	17299	38.9	−29 25	10.4	11.2	Ko	1	..	40633b
81	17815	38.9	−31 42	8.1	9.7	K5	1	..	40732b
82	14326	38.9	−35 32	6.88	7.9	Go	8	..	40732b
83	14329	38.9	−35 38	9.4	9.4	G	1	..	40732b
84	14174	38.9	−43 19	9.5	10.4	G5	6	..	39677b
85	14122	38.9	−44 38	9.7	10.7	K2	3	..	39677b
86	13542	38.9	−47 2	10.1	10.1	G5	2	..	39666b
87	13539	38.9	−47 44	10.3	11.3	G5	2	..	39666b
88	3245	39.0	+45 29	7.62	*8.18*	Go	5	..	37874i
89	4347	39.0	+25 28	7.01	*7.29*	Fo	4	..	38510i
90	4513	39.0	+ 8 16	9.1	*9.5*	F5	2	..	12063b
91	5241	39.0	− 4 17	7.20	*8.20*	Ko	7	0,7	14193b
92	5358	39.0	− 5 9	9.1	*9.9*	G5	4	..	14379b
93	5386	39.0	− 7 44	9.2	*10.3*	K2	1	..	40591b
94	5454	39.0	− 8 13	9.4	*10.5*	K2	1	..	40591b
95	5455	39.0	− 8 48	8.4	*8.5*	A5	8	..	14379b
96	5748	39.0	−13 32	9.4	*10.4*	Ko	1	..	39502b
97	5839	39.0	−14 32	7.01	*8.36*	Ma	7	..	39502b
98	15240	39.0	−26 36	9.7	10.6	K2	2	..	40897b
99	17817	39.0	−31 19	8.1	9.2	F8	3	..	40732b
100	*14199*	39.0	−37 57	9.4	10.4	Go	3	..	40857b

197500 — 20h 39m.0

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14200	39.0	−38 26	9.0	10.4	Ko	3	..	40857b
2	15074	39.0	−42 30	9.9	11.4	Go	2	..	39677b
3	14175	39.0	−43 40	10.1	11.3	K2	2	..	39677b
4	13543	39.0	−47 4	10.6	10.4	Go	1	..	39666b
5	13217	39.0	−49 20	7.5	8.2	G5	8	..	39666b
6	12697	39.0	−51 38	9.9	10.0	Ko	1	..	42801b
7	7775	39.0	−58 30	*8.6*	9.4	G5	3	..	39698b
8	588	39.1	+83 17	6.16	*6.22*	A2	10	..	37294i
9	1847	39.1	+62 28	8.1	*8.9*	G5	2	..	37333i
10	*2471*	39.1	+54 4	7.7	*8.0*	Fo	3	..	37971i
11	3353	39.1	+49 59	5.41	*5.24*	B3	..	..	56,99
12	3352	39.1	+49 23	8.1	*7.9*	B	4	..	18153i
13	3169	39.1	+47 16	8.1	*8.4*	Fo	3	..	18153i
14	3969	39.1	+26 54	7.8	*9.2*	Mb	3	..	38510i
15	4348	39.1	+25 15	7.31	*8.49*	K5	1	..	38510i
16	4119	39.1	+23 18	7.9	*7.9*	Ao	3	..	37940i
17	4697	39.1	+20 54	8.4	*8.7*	Fo	2	..	38507i
18	4495	39.1	+19 23	7.9	*8.7*	G5	3	..	38507i
19	5570	39.1	− 6 11	9.4	*10.4*	Ko	2	..	14379b
20	5561	39.1	− 9 21	8.7	*9.0*	Fo	5	..	40609b
21	*5824*	39.1	−11 57	9.4	*10.0*	Go	2	..	39502b
22	5910	39.1	−19 12	9.6	10.2	Ao	3	..	40582b
23	5814	39.1	−21 16	7.6	8.6	Ko	7	.	40617b
24	16177	39.1	−32 43	9.0	9.7	Ao	4	..	40728b
25	14206	39.1	−41 9	9.4	9.5	Go	4	..	39677b
26	14177	39.1	−43 37	10.1	11.3	K2	3	..	39677b
27	14176	39.1	−43 45	10.1	11.5	K5	3	..	39677b
28	13692	39.1	−46 54	9.7	11.0	K5	2	..	39666b
29	7776	39.1	−58 40	*8.9*	9.4	F8	3	..	39698b
30	*3016*	39.2	+47 2	8.1	*8.7*	Go	3	..	18153i
31	4231	39.2	+35 24	8.8	*8.8*	Ao	3	..	38508i
32	4121	39.2	+23 11	8.2	*8.2*	Ao	2	..	37940i
33	4537	39.2	+ 7 46	8.9	*9.9*	Ko	2	..	12063b
34	4354	39.2	+ 1 29	8.9	*9.4*	F8	2	..	10252b
35	5562	39.2	− 9 25	9.6	*10.6*	Ko	2	..	40609b
36	*5408*	39.2	−10 51	8.0	*8.6*	Go	8	..	40609b
37	5775	39.2	−15 20	9.0	*9.8*	G5	4	..	39502b
38	5686	39.2	−16 43	9.2	*9.8*	Go	3	..	40582b
39	16245	39.2	−24 7	8.7	8.8	Go	4	..	40617b
40	15014	39.2	−27 37	6.50	7.4	G5	6	0,10	37115b
41	18155	39.2	−30 51	6.84	7.2	Fo	9	..	40732b
42	14202	39.2	−38 12	9.3	10.7	Go	3	..	40857b
43	14178	39.2	−43 24	9.7	11.0	Ko	4	..	39677b
44	12699	39.2	−51 10	6.64	7.4	Ko	8	..	42801b
45	..	39.2	−62 55	..	..	G5	2	..	39282b
46	..	39.2	−65 3	..	..	Ma	..	..	M
47	2473	39.3	+56 16	8.8	*8.8*	Ao	1	..	38795i
48	3193	39.3	+48 55	8.7	*9.9*	K5	1	..	38477i
49	4003	39.3	+33 29	8.0	*8.0*	Ao	7	..	38508i
50	4149	39.3	+29 51	8.6	*9.6*	Ko	1	..	38510i
51	4414	39.3	+ 3 58	8.3	*9.5*	K5	3	..	14203b
52	5242	39.3	− 4 44	9.45	*10.52*	K2	1	..	14379b
53	5387	39.3	− 7 42	9.2	*10.0*	G5	3	..	40591b
54	5563	39.3	− 9 38	9.2	*9.2*	Ao	5	..	40609b
55	5687	39.3	−16 29	10.5	*11.1*	Go	1	..	40582b
56	14337	39.3	−35 44	8.4	9.0	G5	3	..	40732b
57	*14203*	39.3	−37 58	9.0	11.4	Go	3	R	40857b
58	14179	39.3	−43 18	9.9	11.3	K2	2	..	39677b
59	3839	39.4	+42 49	8.5	*8.5*	A	3	..	37874i
60	4232	39.4	+35 23	8.6	*8.6*	Ao	5	..	38508i
61	4004	39.4	+33 31	7.8	*7.8*	Ao	8	..	38508i
62	4124	39.4	+23 26	6.78	*6.78*	Ao	7	..	37940i
63	4389	39.4	+17 13	8.4	*9.8*	Ma	1	..	38507i
64	5357	39.4	− 2 42	9.1	*9.7*	Go	3	..	14692b
65	*5360*	39.4	− 4 50	9.8	*10.4*	Go	1	..	14379b
66	*5564*	39.4	− 8 53	10.5	*11.6*	K2	1	..	40609b
67	7777	39.4	−58 16	8.1	8.5	Ko	7	..	39698b
68	R	39.4	−61 15	..	..	Mb	2	..	39282b
69	3135	39.4	−69 10	7.07	7.6	A5	10	..	20427b
70	514	39.4	−85 5	*8.3*	9.5	K5	4	..	21397b
71	4289	39.5	+40 26	8.12	*8.18*	A2	2	..	38508i
72	4234	39.5	+35 14	var.	var.	Gop	7	R	38508i
73	*4699*	39.5	+21 4	7.05	*7.11*	A2	7	..	38507i
74	*4598*	39.5	+19 0	8.9	*10.1*	K5	1	..	38507i
75	4626	39.5	+ 9 12	8.7	*9.7*	Ko	3	..	12063b
76	4079	39.5	− 0 27	8.3	*8.4*	A5	4	3,4	14193b
77	5460	39.5	− 8 21	8.0	*8.6*	Go	7	..	14379b
78	5565	39.5	− 9 3	10.4	*11.2*	G5	2	..	40609b
79	5409	39.5	−11 23	8.5	*9.5*	Ko	5	..	40609b
80	5912	39.5	−19 23	10.4	11.0	G5	1	..	40582b
81	6023	39.5	−20 45	9.2	10.1	G5	3	..	40746b
82	5816	39.5	−21 30	8.8	9.5	Ko	4	..	40617b
83	5518	39.5	−22 37	9.6	10.2	Ko	2	..	40746b
84	16247	39.5	−24 14	8.9	8.8	F5	4	..	40617b
85	15244	39.5	−26 11	10.2	10.9	Ko	1	..	40633b
86	15246	39.5	−26 19	9.5	10.0	Ko	2	..	40633b
87	13955	39.5	−39 4	10.0	10.4	F5	2	..	40857b
88	14208	39.5	−41 51	9.4	9.8	Fo	5	..	39677b
89	4290	39.6	+40 16	8.42	*8.42*	Ao	2	..	38508i
90	4600	39.6	+18 15	8.3	*8.3*	Ao	2	..	38507i
91	4041	39.6	− 1 44	8.87	*9.94*	K2	1	..	14193b
92	5691	39.6	−16 8	8.6	*8.7*	A2	4	..	40582b
93	5690	39.6	−16 10	6.94	*7.22*	Fo	7	..	40582b
94	5689	39.6	−16 24	9.4	*10.5*	K2	1	..	40582b
95	*16467*	39.6	−22 58	9.2	9.5	F8	3	..	40746b
96	*17306*	39.6	−28 59	9.4	9.7	Ko	3	..	40633b
97	13915	39.6	−37 25	8.4	10.2	K5	2	..	40857b
98	14208	39.6	−38 25	9.3	11.0	K5	1	..	40857b
99	12701	39.6	−51 47	10.3	11.2	Ko	1	..	39458b
100	11768	39.6	−52 46	*9.4*	10.0	Go	2	..	42801b

197600

20h 39m.6

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	11767	39.6	−52 53	9.6	10.6	Ko	1	..	42801b
2	1448	39.6	−76 1	9.3	10.4	K2	3	..	19964b
3	3195	39.7	+48 42	7.19	7.47	Fo	4	..	38477i
4	4134	39.7	+34 43	9.8	..	R	3	..	M
5	3970	39.7	+27 6	8.6	9.6	Ko	2	..	38510i
6	4518	39.7	+ 8 51	9.5	9.9	F5	2	..	12063b
7	4533	39.7	+ 4 32	8.7	9.2	F8	3	..	14203b
8	4416	39.7	+ 3 46	9.1	10.3	K5	3	..	14203b
9	5571	39.7	− 6 43	10.3	10.8	F8	2	..	14379b
10	5388	39.7	− 7 16	10.0	10.1	A2	4	..	14379b
11	16251	39.7	−23 57	9.7	10.0	F8	1	..	40746b
12	13916	39.7	−36 58	9.1	10.0	Go	2	..	40857b
13	14211	39.7	−38 17	9.0	10.4	Ko	3	..	40857b
14	15081	39.7	−42 12	9.5	10.1	Fo	4	..	39677b
15	9748	39.7	−54 51	10.1	10.4	Fo	2	..	42801b
16	7637	39.7	−59 9	9.4	10.0	Go	3	..	39698b
17	877	39.8	+74 54	8.5	8.6	A2	2	..	37224i
18	2474	39.8	+57 2	6.87	6.95	A3	..	0,6	56,99
19	2783	39.8	+52 17	8.0	8.0	B9	2	..	19317i
20	3171	39.8	+50 40	8.0	9.2	K5	2	..	31135i
21	3553	39.8	+44 34	9.3	9.3	A	3	..	37874i
22	3913	39.8	+32 45	8.5	9.6	K2	1	..	37912i
23	4084	39.8	− 0 4	7.43	8.21	G5	7	0,7	10252b
24	5462	39.8	− 8 35	9.4	9.8	F5	4	..	14379b
25	5412	39.8	−11 28	8.6	9.8	K5	3	..	40609b
26	5780	39.8	−15 23	7.55	8.33	G5	7	..	39502b
27	5913	39.8	−19 25	9.2	10.4	G5	2	..	40582b
28	5520	39.8	−22 42	9.6	9.5	Go	3	..	40746b
29	16896	39.8	−27 59	9.7	10.0	Go	2	..	40633b
30	13960	39.8	−39 34	5.53	6.0	B8	..	..	56,146
31	14212	39.8	−41 11	10.7	10.4	K2	3	..	39677b
32	14183	39.8	−43 30	10.6	10.7	F2	2	..	39677b
33	R	39.8	−61 40	..	..	Go	2	..	39282b
34	4614	39.8	−63 36	9.7	10.2	F8	2	..	39282b
35	3138	39.8	−69 9	5.47	7.3	Ko	..	R	56,146
36	2175	39.8	−73 21	9.2	10.4	K5	2	..	19966b
37	716	39.9	+79 4	6.78	6.61	B3	7	0,8 R	37224i
38	1460	39.9	+64 41	8.3	9.4	K2	2	..	37333i
39	2235	39.9	+57 24	7.8	8.8	Ko	3	..	38795i
40	2929	39.9	+51 45	8.3	8.3	Ao	2	..	19317i
41	4136	39.9	+35 3	8.27	9.45	K5	1	..	38508i
42	4009	39.9	+33 43	8.6	8.6	Ao	5	..	38508i
43	3869	39.9	+28 47	8.1	8.1	Ao	6	..	38510i
44	4602	39.9	+19 9	8.1	9.1	Ko	2	..	38507i
45	4506	39.9	+13 13	7.38	7.38	Ao	3	..	37938i
46	5389	39.9	− 7 7	8.2	9.2	Ko	5	..	40591b
47	5750	39.9	−13 44	9.8	10.4	Go	2	..	39502b
48	16254	39.9	−24 51	8.70	8.8	Fo	5	..	40746b
49	14396	39.9	−36 29	6.48	7.4	F2	10	..	40857b
50	14215	39.9	−38 53	9.0	10.1	Go	3	..	40857b
51	14021	39.9	−39 59	8.5	9.5	F8	5	..	40857b
52	13221	39.9	−49 23	9.5	10.0	K2	3	..	39666b
53	7638	39.9	−59 8	9.8	10.3	F8	3	..	39698b
54	6505	39.9	−61 13	9.1	10.3	Ko	1	..	19897b
55	4293	40.0	+40 2	8.17	8.59	F5	1	..	38508i
56	4700	40.0	+20 58	8.2	9.0	G5	2	..	38507i
57	4043	40.0	− 1 24	7.9	8.7	G5	4	..	14692b
58	5573	40.0	− 6 31	8.2	8.8	Go	7	..	40591b
59	5464	40.0	− 8 6	8.6	8.6	Ao	8	..	14379b
60	5567	40.0	− 9 29	8.6	8.9	F2	7	..	40609b
61	5817	40.0	−21 12	9.6	10.1	A2	2	..	40746b
62	5818	40.0	−21 20	9.4	10.1	F8	2	..	40746b
63	4073	40.0	−64 23	9.5	10.3	G5	1	..	19897b
64	1119	40.0	−78 58	8.8	8.9	A5	5	..	21397b
65	809	40.1	+76 29	7.07	7.41	F2	7	..	37224i
66	2932	40.1	+51 56	7.68	8.24	Go	3	..	19317i
67	4208	40.1	+39 6	7.74	8.74	Ko	3	..	38508i
68	4628	40.1	+ 9 29	9.1	10.1	Ko	2	..	12063b
69	5465	40.1	− 7 56	9.0	9.5	F8	7	..	14379b
70	5466	40.1	− 8 30	9.2	9.2	Ao	6	..	14379b
71	5914	40.1	−19 32	9.2	9.8	G5	3	..	40582b
72	15017	40.1	−25 28	8.5	9.1	Ko	6	..	40746b
73	17829	40.1	−31 54	7.7	8.5	Fo	5	..	40732b
74	14133	40.1	−44 7	10.1	11.0	Fo	3	..	39677b
75	1494	40.2	+66 9	9.1	9.1	A	2	..	37333i
76	1848	40.2	+62 15	9.0	9.0	B9	2	..	38795i
77	3174	40.2	+50 47	8.1	8.9	G5	4	..	31135i
78	3556	40.2	+44 18	8.7	8.7	A	2	..	37874i
79	3868	40.2	+41 29	8.7	8.7	A	2	..	38942i
80	4128	40.2	+23 31	8.7	8.7	Ao	1	..	37940i
81	4129	40.2	+23 16	8.0	8.0	Ao	3	..	37940i
82	4500	40.2	+19 21	7.9	9.1	K5	1	..	38507i
83	4452	40.2	+12 23	8.5	9.1	G	2	..	38948i
84	4368	40.2	+11 57	6.70	6.70	Ao	7	..	37938i
85	4598	40.2	+ 5 40	7.7	7.7	Ao	4	..	38030i
86	4239	40.2	+ 2 55	8.5	9.9	Ma	3	..	14203b
87	4581	40.2	+ 0 59	8.9	9.4	F8	2	..	14193b
88	5391	40.2	− 7 37	9.2	9.7	F8	5	..	14379b
89	5467	40.2	− 8 7	9.2	10.3	K2	3	..	14379b
90	5493	40.2	−10 29	8.4	8.8	F5	7	..	40609b
91	5820	40.2	−20 52	9.1	10.1	F8	3	..	40746b
92	15018	40.2	−25 38	4.26	4.76	F8	..	R	28,215
93	16901	40.2	−28 49	9.2	9.4	Go	4	..	40633b
94	14187	40.2	−43 37	9.5	10.1	Fo	6	..	39677b
95	13131	40.2	−50 33	9.5	10.0	Fo	3	..	39458b
96	13132	40.2	−50 55	7.5	8.5	Ko	7	..	42801b
97	9938	40.2	−53 8	9.7	10.5	G5	1	..	42801b
98	3386	40.2	−68 43	9.8	10.4	Go	2	..	20542b
99	2808	40.2	−70 4	10.1	10.1	Ao	2	..	20427b
100	3869	40.3	+41 52	7.04	7.32	Fo	5	..	37874i

197700

20h 40m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4240	40.3	+25 11	8.82	*8.88*	A2	2	..	38508i
2	4204	40.3	+31 20	8.0	*7.8*	B3	3	..	37912i
3	*4501*	40.3	+20 8	7.07	*7.21*	A5	7	..	38507i
4	4453	40.3	+12 21	8.3	*8.6*	F	1	..	38948i
5	4369	40.3	+11 26	8.0	*9.0*	Ko	4	..	12063b
6	*4086*	40.3	+ 0 2	9.28	*9.56*	Fo	3	..	14193b
7	5248	40.3	− 4 48	9.05	*9.47*	F5	2	..	14193b
8	5392	40.3	− 7 3	10.7	*11.5*	G5	3	..	14379b
9	5415	40.3	−11 44	9.4	*9.4*	Ao	5	..	39479b
10	5771	40.3	−18 40	9.4	*10.0*	Go	3	..	40582b
11	5522	40.3	−22 6	8.0	8.9	G5	6	..	40746b
12	14220	40.3	−41 24	9.4	10.4	Go	3	..	39677b
13	13557	40.3	−47 33	7.4	7.5	Fo	10	..	39666b
14	13134	40.3	−50 11	9.7	11.2	K2	1	..	39458b
15	4074	40.3	−64 15	*8.4*	8.9	F8	4	..	19897L
16	2237	40.4	+57 11	8.5	*8.6*	A5	3	..	38795i
17	3252	40.4	+45 58	7.20	*7.98*	G5	5	..	37874i
18	4634	40.4	+ 6 41	8.24	*8.24*	Ao	3	..	38030i
19	4046	40.4	− 1 47	8.67	*9.23*	Go	3	..	14692b
20	5364	40.4	− 5 0	9.00	*9.06*	A2	4	..	14193b
21	5468	40.4	− 8 1	9.0	*9.1*	A3	6	..	14379b
22	5494	40.4	−10 20	9.4	*10.4*	Ko	2	..	40609b
23	5827	40.4	−12 19	10.3	*10.8*	F8	2	..	39479b
24	5917	40.4	−19 30	9.0	10.1	Go	4	..	40582b
25	*5523*	40.4	−21 53	5.89	6.5	Ao	..	..	56,146
26	16262	40.4	−24 6	7.18	7.2	Ao	10	..	40746b
27	16260	40.4	−24 10	8.5	9.7	Ko	3	..	40746b
28	15021	40.4	−25 40	9.4	9.7	Ko	3	..	40746b
29	15258	40.4	−26 33	8.9	9.4	G5	4	..	40633b
30	*14622*	40.4	−33 59	8.0	9.3	G5	3	..	40732b
31	13921	40.4	−37 7	9.0	9.9	F8	3	..	40857b
32	14135	40.4	−44 24	10.1	11.3	G5	2	..	39677b
33	13559	40.4	−47 48	9.9	10.4	F5	3	..	39666b
34	2154	40.5	+60 14	6.11	*6.11*	Ao	10	..	38795i
35	4215	40.5	+36 22	7.9	*9.1*	K5	1	..	38508i
36	4521	40.5	+ 8 21	8.9	*10.1*	K5	2	..	12063b
37	4600	40.5	+ 5 32	7.61	*8.68*	K2	2	..	38030i
38	4240	40.5	+ 2 48	8.5	*9.1*	Go	4	..	14203b
39	*4087*	40.5	+ 0 6	8.98	*10.05*	K2	1	..	14193b
40	5361	40.5	− 3 39	9.2	*10.2*	Ko	1	..	14193b
41	5495	40.5	−10 28	10.3	*10.9*	Go	1	..	40609b
42	5844	40.5	−14 28	9.4	*10.2*	G5	2	..	39479b
43	5783	40.5	−15 5	9.4	*10.2*	G5	2	..	40582b
44	5784	40.5	−15 25	9.6	*9.7*	A3	2	..	40582b
45	16485	40.5	−23 53	9.2	9.2	F5	5	..	40746b
46	15025	40.5	−27 14	6.83	7.7	F2	9	..	40633b
47	17314	40.5	−29 11	9.1	9.4	A2	4	..	40633b
48	13699	40.5	−46 14	6.90	7.6	K2	8	..	39666b
49	12706	40.5	−51 40	10.3	10.6	Go	2	..	39458b
50	753	40.6	+75 32	8.07	*9.07*	Ko	1	..	38936i
51	*1850*	40.6	+63 0	8.1	*8.1*	B8	6	..	37333i
52	4229	40.6	+24 55	5.13	*6.20*	K2	8	..	38510i
53	4397	40.6	+17 56	8.3	*9.7*	Ma	..	..	M
54	*4630*	40.6	+10 2	8.52	*9.52*	Ko	4	..	12063b
55	4631	40.6	+ 9 27	9.3	*9.4*	A2	2	..	12063b
56	5007	40.6	− 3 44	9.0	*9.8*	G5	2	..	14193b
57	5469	40.6	− 8 48	8.4	*8.8*	F5	8	..	14379b
58	5572	40.6	− 9 21	10.0	*10.0*	Ao	3	..	40609b
59	5828	40.6	−12 20	10.3	*10.9*	Go	2	..	39479b
60	5846	40.6	−14 15	9.4	*9.9*	F8	4	..	39479b
61	5785	40.6	−15 5	9.4	*9.5*	A3	3	..	40582b
62	6076	40.6	−17 38	9.2	*10.3*	K2	2	..	40582b
63	*5821*	40.6	−20 54	9.2	10.7	K5	1	..	40746b
64	5525	40.6	−22 7	9.4	10.4	Ko	1	..	40746b
65	15024	40.6	−25 17	7.9	8.2	F8	7	..	40746b
66	3141	40.6	−69 0	*10.2*	11.0	G5	3	..	20542b
67	1348	40.6	−78 13	*8.6*	9.6	Ko	4	..	19964b
68	1120	40.7	+69 33	8.9	*8.9*	A	3	..	37333i
69	1315	40.7	+66 34	8.8	*9.4*	G	3	..	37333i
70	2477	40.7	+56 46	6.36	*6.19*	B3	..	2,6	56,99
71	4298	40.7	+39 24	8.2	*9.4*	K5	1	..	38508i
72	*4245a*	40.7	+16 2	var.	var.	Md	..	R	M
73	5009	40.7	− 3 31	9.1	*9.7*	Go	3	..	14193b
74	5578	40.7	− 6 39	8.7	*8.8*	A2	8	..	14379b
75	5497	40.7	−10 3	9.6	*10.1*	F8	2	..	40609b
76	5417	40.7	−11 23	8.6	*9.0*	F5	6	..	40609b
77	5418	40.7	−11 42	9.2	*9.8*	Go	3	..	39479b
78	*5830*	40.7	−11 58	9.2	*9.3*	A2	5	..	39479b
79	5831	40.7	−12 16	10.0	*10.1*	A2	3	..	39479b
80	5829	40.7	−12 49	9.2	*10.2*	Ko	4	..	39479b
81	*6078*	40.7	−16 54	10.3	*11.1*	G5	1	..	40582b
82	6079	40.7	−17 14	9.2	*9.8*	Go	3	..	40582b
83	5527	40.7	−22 3	9.6	11.0	Ko	1	..	40746b
84	5526	40.7	−22 32	7.24	8.6	Ko	7	..	40746b
85	15026	40.7	−27 36	8.0	9.4	Mb	5	..	40633b
86	16910	40.7	−28 40	9.7	9.4	F5	3	..	40633b
87	17322	40.7	−29 43	8.9	9.7	Ko	4	..	40633b
88	15087	40.7	−42 37	9.2	9.5	Fo	5	..	39677b
89	*13700*	40.7	−45 56	9.5	9.5	Fo	4	..	39666b
90	7778	40.7	−58 5	7.9	8.2	G5	9	..	39698b
91	7639	40.7	−59 20	*9.4*	10.4	Ko	1	..	39698b
92	3387	40.7	−68 4	*9.1*	9.9	G5	2	..	20427b
93	1661	40.7	−75 41	*9.4*	9.5	A2	3	..	42475b
94	1316	40.8	+66 33	8.5	*8.6*	A5	5	..	37333i
95	2408	40.8	+54 56	7.61	*7.59*	B9	7	..	37971i
96	4374	40.8	+11 18	7.7	*8.7*	Ko	4	..	12063b
97	*4371*	40.8	+11 5	8.3	*9.4*	K2	4	..	12063b
98	*4420*	40.8	+ 4 0	8.9	*8.9*	Ao	5	..	14203b
99	4047	40.8	− 1 11	7.7	*8.5*	G5	3	..	14692b
100	5573	40.8	− 9 26	9.4	*10.6*	K5	1	..	40609b

197800 — $20^h\,40^m.8$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5753	40.8	−13 10	9.0	*10.0*	Ko	4	..	39479b
2	6080	40.8	−17 4	8.6	*9.4*	G5	5	..	40582b
3	5920	40.8	−19 10	9.0	10.2	Ko	3	..	40582b
4	15029	40.8	−27 33	8.0	7.9	Fo	7	..	40633b
5	14224	40.8	−41 54	8.7	9.3	F8	5	..	39677b
6	14193	40.8	−43 33	10.3	11.5	K2	1	..	39677b
7	*9939*	40.8	−52 56	8.4	9.9	G5	4	..	42801b
8	1933	40.8	−74 4	*7.5*	8.3	G5	6	..	42475b
9	1852	40.9	+62 51	7.8	*7.8*	Ao	7	..	37333i
10	4041	40.9	+37 19	9.2	*9.6*	F5	1	..	38508i
11	4233	40.9	+24 58	8.7	*8.7*	A	1	..	37940i
12	4401	40.9	+17 44	var.	var.	Mb	4	R	38507i
13	4524	40.9	+ 8 16	9.1	*9.5*	F5	3	..	12063b
14	4089	40.9	− 0 43	6.90	*7.68*	G5	8	0,8	10252b
15	5498	40.9	−10 10	9.4	*9.9*	F8	4	..	40609b
16	*5754*	40.9	−12 56	9.4	*10.0*	Go	4	..	39479b
17	5692	40.9	−16 37	10.3	*11.3*	Ko	1	..	40582b
18	6081	40.9	−17 31	8.0	*8.6*	Go	8	..	40582b
19	5921	40.9	−19 48	7.58	7.8	Fo	8	..	40582b
20	6026	40.9	−20 1	9.6	10.7	G5	2	..	40582b
21	6027	40.9	−20 23	9.54	10.1	Ko	2	..	40746b
22	18177	40.9	−30 47	9.2	11.2	K2	1	..	40633b
23	14353	40.9	−35 31	8.4	9.0	G5	4	..	40732b
24	14137	40.9	−44 28	11.0	11.3	Go	1	..	39677b
25	14028	40.9	−45 11	9.7	10.7	K2	2	..	39677b
26	7779	40.9	−58 35	*9.3*	10.4	K2	1	..	39698b
27	7640	40.9	−59 36	7.41	7.9	Ao	8	..	19897b
28	2575	40.9	−71 21	*8.2*	8.3	A2	5	..	42475b
29	718	41.0	+78 56	8.7	*8.7*	Ao	2	0,2	37266i
30	1027	41.0	+71 29	8.9	*9.7*	G5	1	..	38573i
31	4232	41.0	+24 50	8.6	*8.6*	A	2	..	37940i
32	*4639*	41.0	+ 7 2	6.94	*6.94*	Ao	7	..	38030i
33	4242	41.0	+ 2 23	8.5	*8.6*	A3	3	..	10252b
34	5755	41.0	−13 9	9.4	*10.5*	K2	2	..	39479b
35	17839	41.0	−31 5	8.9	10.9	Ko	1	..	40633b
36	17840	41.0	−31 50	8.1	9.4	Go	4	..	40732b
37	1027	41.1	+71 30	8.9	*9.0*	A2	2	E	38936i
38	4219	41.1	+36 59	8.4	*8.7*	Fo	2	5,2	38942i
39	4210	41.1	+31 25	8.0	*9.1*	K2	2	..	37912i
40	4164	41.1	+29 33	8.4	*8.5*	A2	3	..	38510i
41	4541	41.1	+ 4 45	9.1	*9.2*	A2	3	..	10252b
42	5832	41.1	−12 26	9.8	*10.9*	K2	1	..	39479b
43	5833	41.1	−12 39	9.4	*10.2*	G5	4	..	39479b
44	5531	41.1	−22 16	9.6	10.7	G5	1	..	40746b
45	*14197*	41.1	−42 57	9.2	11.0	Ko	3	..	39677b
46	14196	41.1	−43 33	9.3	11.0	K2	3	..	39677b
47	14070	41.1	−45 35	8.6	9.2	F5	5	..	39666b
48	4076	41.1	−64 6	*9.0*	10.0	Ko	2	..	19897b
49	*3504*	41.1	−65 56	*9.3*	9.4	A5	3	..	20427b
50	3033	41.2	+46 56	6.74	*7.74*	Ko	5	0,4	37874i
51	4364	41.2	+25 45	8.0	*8.0*	B9	2	..	38510i
52	4607	41.2	+18 12	8.5	*8.5*	Ao	3	..	38507i
53	4362	41.2	+16 16	8.9	*8.9*	Ao	2	..	38948i
54	5252	41.2	− 4 37	9.4	*9.9*	F8	3	..	14379b
55	5575	41.2	− 9 37	9.4	*10.6*	K5	2	..	40609b
56	*5501*	41.2	− 9 54	8.76	*9.32*	Go	6	..	40609b
57	5499	41.2	−10 15	9.2	*9.6*	F5	4	..	40609b
58	5420	41.2	−11 5	8.4	*8.9*	F8	7	..	40609b
59	5774	41.2	−18 21	9.2	*9.7*	F8	3	..	40582b
60	5924	41.2	−19 0	9.4	10.4	G5	1	..	40582b
61	14038	41.2	−40 3	9.4	10.7	Ko	1	..	40857b
62	13680	41.2	−48 9	10.3	10.3	Go	2	..	39657b
63	11771	41.2	−52 22	*9.8*	10.3	F8	3	0,1	39458b
64	7641	41.2	−59 26	*9.6*	10.4	G5	1	..	39698b
65	3761	41.2	−67 31	*9.0*	9.6	G	3	..	20542b
66	3760	41.2	−67 33	*8.6*	9.6	K	2	..	20542b
67	*4302*	41.3	+40 3	8.82	*10.17*	Ma	..	..	M
68	4176	41.3	+22 39	8.0	*8.8*	G5	3	..	38507i
69	5397	41.3	− 7 7	10.0	*10.5*	F8	2	..	14379b
70	5396	41.3	− 7 14	9.4	*10.4*	Ko	2	..	14379b
71	5502	41.3	−10 46	9.4	*9.9*	F8	3	..	40609b
72	5789	41.3	−15 20	9.4	*10.0*	Go	2	..	40582b
73	16913	41.3	−28 4	7.62	8.2	F5	8	..	40633b
74	16204	41.3	−32 15	8.7	9.7	Fo	2	..	40732b
75	15193	41.3	−33 21	9.3	8.5	Ao	5	..	40732b
76	13139	41.3	−50 19	8.7	9.8	Ko	4	..	39458b
77	4078	41.3	−64 20	*9.4*	10.2	G5	2	..	19897b
78	878	41.4	+74 39	8.7	*8.7*	Ao	2	..	37224i
79	*4221*	41.4	+37 3	8.2	*9.3*	K2	..	..	M
80	4178	41.4	+22 34	8.0	*8.0*	Ao	6	..	38507i
81	4709	41.4	+20 26	8.2	*8.2*	B9	3	..	38507i
82	4602	41.4	+ 5 52	8.7	*9.0*	Fo	5	..	14194b
83	5369	41.4	− 5 3	10.0	*11.0*	Ko	1	..	14379b
84	5579	41.4	− 6 20	8.65	*9.43*	G5	6	..	14370b
85	*5398*	41.4	− 6 50	9.2	*9.8*	Go	5	..	14379b
86	*5473*	41.4	− 7 50	10.0	*11.1*	K2	1	..	40609b
87	5532	41.4	−22 18	9.2	9.8	Go	4	..	40746b
88	16270	41.4	−24 51	8.95	9.4	F8	3	..	40746b
89	15264	41.4	−26 47	7.12	7.7	A2	9	..	40633b
90	*13926*	41.4	−36 58	8.8	9.9	Ko	1	..	40857b
91	12712	41.4	−51 38	10.3	10.3	Go	3	..	39458b
92	7780	41.4	−58 33	*9.3*	9.4	A5	4	..	39698b
93	1453	41.4	−70 53	*10.0*	11.2	K5	1	..	19964b
94	1499	41.5	+65 58	6.92	*6.90*	B9	8	..	37333i
95	4219	41.5	+38 42	9.1	*9.1*	A	1	..	38508i
96	4413	41.5	+14 59	8.5	*8.6*	A5	2	..	38948i
97	5256	41.5	− 4 36	8.6	*9.6*	Ko	3	..	14692b
98	*5790*	41.5	−14 56	9.05	*9.83*	G5	4	..	39479b
99	6083	41.5	−17 35	9.8	*10.6*	G5	2	..	40582b
100	14143	41.5	−44 34	6.52	7.8	Ko	..	0,10	56,146

197900

$20^h\,41^m.5$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13229	41.5	−49 3	7.8	7.9	A3	9	..	39666b
2	13140	41.5	−50 6	9.9	10.3	Ao	2	..	39458b
3	13141	41.5	−50 53	9.1	10.0	K2	1	..	42801b
4	9464	41.5	−55 35	*10.4*	10.5	A5	3	..	39458b
5	7781	41.5	−58 16	9.2	9.7	Ko	4	..	39698b
6	7425	41.5	−60 23	*9.2*	9.8	Go	1	..	19897b
7	2559	41.5	−72 53	*9.9*	11.1	K5	1	..	19966b
8	985	41.5	−80 45	*9.2*	9.8	Go	3	..	21397b
9	699	41.5	−83 32	*7.3*	8.3	Ko	7	..	21397b
10	712	41.6	+81 39	7.23	*8.23*	Ko	4	..	37294i
11	1854	41.6	+62 51	7.9	*7.8*	B5	6	0,5 R	37333i
12	4167	41.6	+30 21	4.34	*5.34*	Ko	..	0,10	56,99
13	4251	41.6	+15 33	7.04	*8.04*	Ko	5	..	38507i
14	4050	41.6	− 1 12	8.3	*8.3*	Ao	5	..	14692b
15	5017	41.6	− 3 4	8.0	*8.1*	A2	5	0,7	14692b
16	5014	41.6	− 3 43	9.4	*10.2*	G5	1	..	14193b
17	5257	41.6	− 4 25	8.4	*9.4*	Ko	2	..	14692b
18	5371	41.6	− 5 17	9.4	*10.0*	Go	1	..	14379b
19	5533	41.6	−22 6	9.2	10.7	Ko	1	..	40746b
20	15265	41.6	−26 55	10.4	10.9	K5	2	..	40633b
21	9465	41.6	−55 9	9.2	10.2	Ko	2	..	42801b
22	*3388*	41.6	−67 55	*8.5*	9.5	Ko	4	..	20427b
23	962	41.7	+72 37	7.34	*8.41*	K2	4	..	38936i
24	2461	41.7	+55 49	8.1	*8.1*	Ao	4	..	37971i
25	4457	41.7	+12 16	7.9	*8.0*	A2	4	3,2	38948i
26	5577	41.7	− 9 23	10.3	*11.3*	Ko	1	..	40609b
27	5834	41.7	−12 7	10.3	*10.9*	Go	3	..	39479b
28	5835	41.7	−12 45	10.3	*11.3*	Ko	2	..	39479b
29	5694	41.7	−16 17	8.8	*10.2*	Ma	1	..	40582b
30	*5925*	41.7	−18 59	8.0	8.6	Go	7	..	40582b
31	17848	41.7	−31 55	8.9	9.2	Fo	3	..	40732b
32	15199	41.7	−33 53	8.7	8.5	Ao	4	..	40732b
33	14363	41.7	−35 46	9.4	9.4	A2	3	..	40732b
34	14040	41.7	−40 23	7.4	8.6	Ko	8	..	40857b
35	14200	41.7	−43 11	10.3	11.0	G5	2	..	39677b
36	14144	41.7	−44 0	9.1	9.8	Fo	5	..	39677b
37	14145	41.7	−44 22	5.14	6.2	Fo	..	0, R	56,146
38	*1455*	41.7	−75 59	*9.7*	10.7	Ko	1	..	19964b
39	*2462*	41.8	+56 8	6.24	*7.59*	Ma	4	..	37971i
40	4363	41.8	+16 34	7.17	*8.24*	K2	3	..	38507i
41	4377	41.8	+10 51	9.1	*10.2*	K2	1	..	12063b
42	*4359*	41.8	+ 2 4	var.	var.	Md	2	R	10252b
43	*5758*	41.8	−12 53	10.3	*11.4*	K2	1	..	39479b
44	*5695*	41.8	−15 58	7.6	*8.6*	Ko	5	..	40582b
45	*6036*	41.8	−19 51	9.4	10.7	G5	2	..	40582b
46	16917	41.8	−28 48	10.4	10.0	A2	2	..	40633b
47	18186	41.8	−30 36	9.4	9.8	G5	2	..	40633b
48	*14634*	41.8	−33 58	8.7	9.0	F2	3	..	40732b
49	14365	41.8	−35 8	9.0	9.6	Go	2	..	40732b
50	1318	41.9	+66 18	5.57	*5.71*	A5	10	..	37333i
51	1464	41.9	+64 44	9.0	*9.0*	Ao	3	..	37333i
52	4544	41.9	+ 7 13	8.3	*8.8*	F8	4	..	14194b
53	5366	41.9	− 2 3	8.2	*9.2*	Ko	6	0,4	14193b
54	*5018*	41.9	− 2 52	6.33	*7.40*	K2	6	0,9-	14692b
55	5400	41.9	− 7 18	10.0	*10.1*	A3	3	..	14379b
56	16918	41.9	−28 7	7.46	8.5	G5	7	..	40633b
57	14204	41.9	−43 23	6.9	8.9	K2	8	..	39677b
58	14203	41.9	−43 45	9.7	9.8	Fo	6	..	39677b
59	9942	41.9	−53 5	7.9	8.4	F5	6	..	42801b
60	7782	41.9	−58 42	*9.9*	10.3	F5	2	..	39698b
61	*3258*	42.0	+46 0	6.63	*6.63*	Ao	..	0,8	56,99
62	4213	42.0	+31 55	8.2	*9.4*	K5	..	..	M
63	4255	42.0	+15 46	5.47	*6.25*	G5	..	R	3091c
64		42.0	+15 46	4.49	*5.27*				
65	4635	42.0	+ 9 19	8.5	*8.6*	A5	4	..	14194b
66	4052	42.0	− 1 42	9.52	*10.52*	Ko	1	..	14193b
67	5372	42.0	− 5 27	8.01	*8.35*	F2	5	..	14193b
68	5476	42.0	− 8 49	8.8	*9.6*	G5	4	..	14379b
69	16498	42.0	−23 51	7.62	9.5	Ma	4	..	40746b
70	13932	42.0	−37 44	8.0	9.1	F5	7	..	40857b
71	14148	42.0	−44 22	8.1	7.9	F5	8	..	39677b
72	13685	42.0	−48 39	9.7	9.7	Go	4	..	39666b
73	6506	42.0	−61 25	9.2	9.7	F5	2	..	19897b
74	1500	42.1	+65 51	8.7	*9.3*	G	3	..	37333i
75	*2463*	42.1	+56 6	8.5	*8.8*	Fo	2	..	19317i
76	4612	42.1	+18 25	8.3	*8.6*	Fo	2	..	38507i
77	4546	42.1	+ 7 46	8.3	*8.6*	F2	5	..	14194b
78	4247	42.1	+ 2 59	8.5	*9.7*	K5	1	..	10252b
79	5579	42.1	− 9 24	9.8	*10.3*	F8	3	..	40609b
80	5504	42.1	−10 25	8.2	*8.7*	F8	7	..	40609b
81	5793	42.1	−15 2	9.6	*10.4*	G5	1	..	39479b
82	5697	42.1	−16 3	9.2	*10.0*	G5	3	..	40582b
83	14149	42.1	−44 2	9.7	10.7	G5	2	..	39677b
84	14034	42.1	−45 12	9.7	10.7	Ko	3	..	39677b
85	13232	42.1	−49 9	8.0	8.2	F5	8	..	39666b
86	9754	42.1	−54 46	10.00	11.3	G5	2	..	39458b
87	*2280*	42.2	+60 0	8.9	*8.9*	Ao	2	..	38795i
88	3180	42.2	+47 54	8.20	*9.20*	Ko	1	..	38477i
89	4018	42.2	+33 36	2.64	*3.64*	Ko	..	R	5920c
90	4507	42.2	+19 46	8.1	*8.9*	G5	1	..	38507i
91	5401	42.2	− 7 40	10.0	*10.0*	Ao	4	..	14379b
92	5837	42.2	−12 30	9.8	*10.6*	G5	3	..	39479b
93	5698	42.2	−16 38	9.2	*9.8*	Go	3	..	40582b
94	18190	42.2	−30 52	8.1	10.0	F2	3	..	40633b
95	11774	42.2	−52 16	8.1	8.5	Go	5	..	42801b
96	7642	42.2	−59 9	9.1	9.7	F5	4	..	39698b
97	3262	42.3	+45 50	8.9	*10.3*	Ma	..	..	M
98	4227	42.3	+38 28	8.0	*8.4*	F5	2	..	38508i
99	4092	42.3	− 0 48	8.9	*9.0*	A2	3	..	14692b
100	5402	42.3	− 7 28	8.0	*9.0*	Ko	6	..	14379b

198000 — $20^h\ 42^m.3$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5506	42.3	− 9 52	3.83	3.83	Ao	..	R	2791c
2	6086	42.3	−16 50	9.6	10.4	G5	2	..	40582b
3	5829	42.3	−21 38	9.4	10.2	Go	3	..	40746b
4	16502	42.3	−23 49	9.4	9.8	Ko	2	..	40746b
5	17858	42.3	−31 49	8.5	9.7	G5	2	..	40732b
6	13935	42.3	−37 33	9.8	10.5	K5	1	..	40857b
7	14039	42.3	−45 35	9.5	10.4	G5	4	..	39677b
8	13716	42.3	−46 5	9.5	9.8	G5	4	..	39472b
9	13573	42.3	−47 1	7.5	8.6	Ko	7	..	39666b
10	13686	42.3	−48 36	7.2	8.3	Ko	9	..	39666b
11	12719	42.3	−51 15	9.3	10.0	F2	2	..	42801b
12	1465	42.3	−77 9	9.6	10.6	Ko	3	..	19964b
13	2484	42.4	+56 26	8.0	9.0	Ko	2	..	19317i
14	4148	42.4	+24 6	7.07	7.13	A2	5	..	37940i
15	4419	42.4	+14 22	7.78	7.84	A2	2	..	37938i
16	5586	42.4	− 6 24	9.1	9.9	G5	3	..	14379b
17	5851	42.4	−13 56	10.0	10.6	Go	3	..	39479b
18	14044	42.4	−40 2	11.4	12.0	Ko	1	R	40939b
19	14045	42.4	−40 3	10.9	12.0				
20	14208	42.4	−43 34	9.7	11.5	Ko	1	..	39472b
21	9756	42.4	−54 0	9.9	10.4	F8	2	..	42801b
22	1319	42.5	+66 13	9.1	9.7	G	2	E	37333i
23	4646	42.5	+ 6 27	7.9	8.2	F2	3	..	38030i
24	4546	42.5	+ 4 56	7.95	9.13	K5	3	0,3	10252b
25	4363	42.5	+ 1 29	7.33	8.51	K5	2	..	38030i
26	5378	42.5	− 5 24	4.60	5.95	Ma	5	R	22768b
27	5580	42.5	− 9 38	9.8	10.9	K2	1	..	40609b
28	5702	42.5	−16 42	7.42	7.70	Fo	7	..	40582b
29	6088	42.5	−17 6	8.0	8.4	F5	6	..	40582b
30	6087	42.5	−17 17	9.6	9.7	A5	2	..	40582b
31	5928	42.5	−19 38	6.78	7.3	F5	..	0,9	**28**,215
32	16505	42.5	−23 13	7.9	7.9	A2	8	..	40746b
33	16282	42.5	−24 1	9.5	9.4	Fo	3	..	40746b
34	17348	42.5	−29 54	9.5	10.3	Ko	2	..	40633b
35	13974	42.5	−39 52	9.8	11.0	Ko	1	..	40939b
36	14046	42.5	−40 8	9.3	10.7	Ko	1	..	40939b
37	13575	42.5	−47 11	9.0	9.2	Go	5	..	39666b
38	4079	42.5	−64 15	9.6	9.7	A3	2	..	19897b
39	3191	42.6	+50 18	7.07	7.49	F5	3	..	38477i
40	5581	42.6	− 9 40	9.2	9.2	Ao	6	..	40609b
41	6089	42.6	−16 54	7.02	7.36	F2	8	..	40582b
42	5832	42.6	−21 43	9.1	10.1	Go	4	..	40746b
43	5538	42.6	−22 26	9.1	9.5	F8	5	..	40746b
44	16508	42.6	−23 7	7.26	7.8	F8	8	..	40746b
45	15050	42.6	−27 22	9.1	10.0	Ko	2	..	40633b
46	16925	42.6	−28 27	10.4	9.4	A5	3	..	40633b
47	13937	42.6	−37 9	8.0	8.5	Fo	8	..	40857b
48	13718	42.6	−46 36	4.90	6.9	K5	..	5,R	**28**,215
49	13577	42.6	−47 21	10.1	10.4	Go	2	..	39666b
50	11775	42.6	−52 43	9.3	10.0	Ko	2	..	42801b
51	7783	42.6	−58 42	9.9	10.5	Go	1	..	39698b
52	7643	42.6	−59 34	9.8	10.3	F8	2	..	39698b
53	3763	42.6	−67 22	8.9	10.0	K2	1	..	20427b
54	1122	42.7	+69 18	8.7	8.8	A2	4	E	37333i
55	2485	42.7	+53 39	8.0	9.0	Ko	2	..	19317b
56	4217	42.7	+32 3	7.04	7.02	B9	8	..	37912i
57	4241	42.7	+25 3	8.16	8.94	G5	1	..	37940i
58	4350	42.7	+21 37	7.7	8.7	Ko	2	..	38507i
59	4256	42.7	+16 9	8.9	10.3	Ma	..	..	M
60	4638	42.7	+ 9 30	7.5	8.3	G5	5	..	14194b
61	4648	42.7	+ 6 37	7.30	7.72	F5	4	..	38030i
62	5509	42.7	−10 24	9.2	10.2	Ko	3	..	40609b
63	5779	42.7	−18 35	6.70	7.48	G5	9	..	40582b
64	7644	42.7	−59 18	8.5	9.8	K2	4	..	39698b
65	6507	42.7	−61 48	8.8	9.4	F5	3	..	19897b
66	3506	42.7	−66 5	9.6	10.2	Go	2	..	20542b
67	515	42.7	−85 6	9.0	9.5	F8	2	..	14161b
68	4022	42.8	+34 1	9.2	9.3	A5	1	..	37912i
69	4613	42.8	+ 5 38	5.59	5.59	Ao	..	0,10	**56**,99
70	4250	42.8	+ 2 57	6.35	6.35	Ao	8	..	38030i
71	5587	42.8	− 6 34	8.8	9.8	Ko	4	..	14379b
72	5408	42.8	− 7 10	8.8	9.2	F5	6	..	14379b
73	5407	42.8	− 7 37	9.4	10.4	Ko	1	..	40609b
74	5508	42.8	−10 7	7.32	8.32	Ko	7	..	40609b
75	5839	42.8	−12 49	8.0	8.6	Go	8	..	39479b
76	5760	42.8	−13 24	9.8	9.9	A5	2	..	39479b
77	5761	42.8	−13 28	9.1	9.9	G5	5	..	39479b
78	5852	42.8	−13 51	9.6	9.7	A2	5	..	39479b
79	5837	42.8	−21 8	8.8	9.0	Ao	6	..	40582b
80	17864	42.8	−31 3	8.9	9.7	Fo	2	..	40732b
81	14417	42.8	−36 52	8.0	9.1	G5	5	..	40857b
82	15102	42.8	−42 34	9.3	9.5	Fo	4	..	39677b
83	9945	42.8	−53 31	9.8	10.4	Go	1	..	42801b
84	2240	42.9	+57 13	4.63	5.19	Go	..	5,9	**56**,99
85	4314	42.9	+39 22	8.6	9.6	Ko	1	..	38942i
86	4233	42.9	+37 6	8.6	8.6	Ao	2	..	38508i
87	4023	42.9	+34 9	8.6	9.4	G5	3	R	37912i
88	3936	42.9	+32 30	8.5	8.5	Ao	3	..	37912i
89	4465	42.9	+12 38	7.45	7.95	F8	3	..	37938i
90	4053	42.9	− 1 24	9.8	10.6	G5	1	..	14193b
91	5023	42.9	− 3 0	9.2	10.2	Ko	2	..	14193b
92	5022	42.9	− 3 24	8.8	8.9	A5	4	..	14692b
93	5588	42.9	− 6 23	8.43	8.99	Go	7	..	14379b
94	5840	42.9	−11 55	9.1	9.6	F8	2	..	40609b
95	5853	42.9	−13 57	10.0	11.4	Ma	1	..	39479b
96	5796	42.9	−15 16	8.78	9.78	Ko	4	..	39479b
97	6091	42.9	−17 19	10.0	11.0	Ko	1	..	40582b
98	15279	42.9	−26 52	11.1	10.9	K2	1	..	40633b
99	15054	42.9	−27 23	8.9	9.1	Go	5	..	40633b
100	17352	42.9	−29 24	8.2	9.7	K2	4	..	40633b

198100 **20h 42m.9**

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	16221	42.9	−32 23	8.7	8.8	A2	4	..	40732b
2	15211	42.9	−33 23	8.4	9.2	K2	3	..	40732b
3	14646	42.9	−34 6	8.7	9.4	A3	1	..	40732b
4	15103	42.9	−42 5	7.4	8.6	F5	6	..	39677b
5	..	42.9	−66 18	..	..	K2	1	..	20542b
6	2562	42.9	−72 46	*9.9*	10.4	F8	2	..	19966b
7	2168	43.0	+58 50	9.0	*9.0*	Ao	2	..	38795i
8	4220	43.0	+31 48	7.7	*7.7*	Ao	6	..	37912i
9	4257	43.0	+15 53	7.47	*7.97*	F8	4	..	38507i
10	*4640*	43.0	+10 6	7.47	*7.47*	Ao	7	..	14194b
11	5382	43.0	− 5 0	7.10	*8.17*	K2	7	0,3	14193b
12	5511	43.0	−10 2	8.8	*9.2*	F5	7	..	40609b
13	*5764*	43.0	−12 56	10.3	*10.7*	F5	2	..	39479b
14	5763	43.0	−13 37	9.8	*10.3*	F8	3	..	39479b
15	5854	43.0	−14 19	10.3	*10.8*	F8	3	..	39479b
16	*6037*	43.0	−19 51	8.98	10.2	G5	3	..	40582b
17	14046	43.0	−45 26	9.1	10.1	Ko	4	..	39677b
18	9467	43.0	−55 40	*11.0*	11.1	A5	2	..	39458b
19	9553	43.0	−56 37	9.2	9.9	G5	4	..	39698b
20	4080	43.0	−64 25	*9.2*	9.7	F8	3	*3,2*	39282b
21	2796	43.1	+52 25	8.1	*8.2*	A2	2	E	38796i
22	4027	43.1	+33 40	8.6	*8.9*	Fo	3	..	38508i
23	4381	43.1	+10 10	8.72	*9.72*	Ko	1	..	14194b
24	4253	43.1	+ 2 20	6.94	*8.01*	K2	3	..	38030i
25	4097	43.1	− 0 31	8.3	*9.5*	K5	2	..	14193b
26	4096	43.1	− 0 40	8.5	*8.6*	A5	4	*2,3*	14692b
27	5410	43.1	− 7 10	8.6	*9.1*	F8	7	..	14379b
28	*5855*	43.1	−13 54	9.0	*9.4*	F5	7	..	39479b
29	16288	43.1	−24 16	9.9	10.9	K2	1	..	40746b
30	12723	43.1	−51 10	10.3	10.3	F5	3	..	39458b
31	9468	43.1	−55 45	*10.0*	11.1	K2	2	..	39458b
32	6509	43.1	−61 1	*9.5*	10.6	K2	1	..	19897b
33	927	43.1	−81 0	8.38	9.2	Ko	4	..	21397b
34	*4028*	43.2	+34 0	5.20	*6.20*	Ko	..	0,8R	2953c
35	4194	43.2	+22 20	7.8	*8.3*	F8	3	..	37940i
36	4620a	43.2	+18 58	var.	var.	Md	..	R	M
37	4369	43.2	+16 24	8.21	*9.56*	Ma	1	..	38948i
38	5583	43.2	− 9 12	9.6	*10.4*	G5	2	..	40609b
39	*5856*	43.2	−13 54	9.4	*10.0*	Go	4	..	39479b
40	5930	43.2	−19 24	10.3	..	Ro	..	..	M
41	*5839*	43.2	−20 59	8.6	9.5	G5	4	..	40582b
42	18202	43.2	−30 34	7.29	8.5	K5	6	..	40732b
43	13980	43.2	−39 43	9.0	10.4	G5	2	..	40939b
44	12727	43.2	−51 40	11.0	11.7	Ko	1	..	39458b
45	9756	43.2	−57 44	8.2	9.0	F8	6	..	39698b
46	9757	43.2	−57 47	*10.0*	11.1	K2	1	..	39698b
47	2564	43.2	−72 13	*10.0*	10.6	Go	1	..	19966b
48	1456	43.2	−76 15	*9.8*	10.4	Go	2	..	19964b
49	2050	43.3	+61 27	3.59	*4.59*	Ko	..	R	1387c
50	*2486*	43.3	+54 2	8.0	*8.0*	Ao	2	..	38796i
51	*3270*	43.3	+46 10	6.26	*6.32*	A2	..	0,9	**56**,99
52	*4642*	43.3	+10 1	8.82	*9.82*	Ko	2	..	14194b
53	4101	43.3	− 0 10	7.58	*7.58*	Ao	6	2,6	14692b
54	5025	43.3	− 3 43	10.0	*10.1*	A2	2	..	14193b
55	*5264*	43.3	− 3 58	9.0	*10.2*	K5	2	..	14193b
56	5542	43.3	−22 0	9.0	10.2	Ko	2	..	40746b
57	13691	43.3	−48 42	10.1	10.0	Ko	2	..	39657b
58	*13235*	43.3	−48 57	8.0	9.1	K5	4	..	39657b
59	11777	43.3	−52 40	8.7	8.8	F8	4	..	42801b
60	6180	43.3	−62 48	6.59	*6.65*	A2	..	*2*, R	**56**,146
61		43.3	−62 48	6.59	*6.65*				
62	3507	43.3	−66 55	*8.4*	9.5	K2	2	..	20427b
63	*3389*	43.3	−67 59	*8.4*	8.9	F8	5	..	20427b
64	3271	43.4	+45 41	8.81	...	Pec.	..	R	M
65	4356	43.4	+21 54	8.4	*9.8*	Ma	..	..	M
66	4549	43.4	+ 7 14	7.14	*8.14*	Ko	7	..	14194b
67	4430	43.4	+ 3 17	6.60	*6.58*	B9	8	..	38030i
68	4369	43.4	+ 1 22	7.36	*8.36*	Ko	3	..	38030i
69	5383	43.4	− 5 8	8.64	*9.82*	K5	2	..	14193b
70	5589	43.4	− 6 18	9.4	*10.4*	Ko	1	..	14379b
71	5432	43.4	−11 35	9.2	*9.7*	F8	3	..	40609b
72	6095	43.4	−17 19	9.8	*9.9*	A2	3	..	40582b
73	16289	43.4	−24 26	9.5	9.7	Go	3	..	40746b
74	15282	43.4	−26 9	5.78	*5.73*	B8	..	..	**28**,215
75	15283	43.4	−26 43	8.3	9.1	Fo	6	..	40633b
76	15058	43.4	−27 19	8.7	8.9	Go	5	..	40633b
77	16935	43.4	−28 43	8.7	9.1	Ko	4	..	40633b
78	13945	43.4	−37 14	7.6	8.8	Ko	6	..	40857b
79	12729	43.4	−51 51	9.9	10.9	G5	3	..	39458b
80	1655	43.5	+63 11	8.5	*8.6*	A5	4	..	37333i
81	2799	43.5	+52 38	6.43	*7.43*	Ko	6	..	38796i
82	3044	43.5	+46 45	7.9	*7.9*	Ao	5	..	37874i
83	*4267*	43.5	+36 7	4.47	*4.35*	B5	..	R	**56**,99
84	4375	43.5	+25 49	7.00	*6.98*	B9	6	..	38510i
85	4588	43.5	+ 0 53	8.5	*9.7*	K5	1	..	10252b
86	*5800*	43.5	−14 51	9.11	*9.61*	F8	5	..	39479b
87	6097	43.5	−17 27	9.8	*9.9*	A2	2	..	40582b
88	*5840*	43.5	−20 59	8.0	8.6	G5	8	..	40582b
89	5841	43.5	−21 16	9.6	10.1	Go	2	..	40746b
90	14051	43.5	−40 5	8.4	8.2	A2	6	..	40939b
91	13150	43.5	−50 47	10.3	11.7	K2	1	..	39458b
92	6510	43.5	−61 48	8.4	8.6	F2	6	0,5	19897b
93	3868	43.5	−65 31	*8.8*	9.4	Go	4	..	20427b
94	*2051*	43.6	+62 2	8.3	*8.3*	B9	5	E	37333i
95	*3884*	43.6	+42 3	7.06	*7.04*	B9	4	..	37878i
96	4268	43.6	+35 55	8.2	*8.3*	A3	4	..	38508i
97	4221	43.6	+31 33	7.8	*7.8*	Ao	3	..	37912i
98	4181	43.6	+29 16	8.0	*9.0*	Ko	2	..	38510i
99	3868	43.6	+27 14	6.95	*7.09*	A5	7	..	38510i
100	*4423*	43.6	+15 6	8.09	*9.16*	K2	2	..	38948i

198200 — $20^h 43^m.6$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4370	43.6	+ 1 40	8.3	*9.3*	Ko	2	..	10252b
2	*4589*	43.6	+ 1 10	8.19	*9.26*	K2	2	..	10252b
3	5371	43.6	− 2 36	9.1	*9.2*	A5	3	..	14692b
4	5384	43.6	− 5 49	10.0	*10.5*	F8	2	..	14379b
5	5584	43.6	− 9 24	10.0	*10.5*	F8	1	..	40609b
6	*5766*	43.6	−12 59	8.2	*8.8*	Go	8	..	39479b
7	5801	43.6	−15 16	8.8	*9.2*	F5	5	..	39479b
8	5783	43.6	−18 25	6.37	*7.37*	Ko	9	..	40582b
9	9758	43.6	−57 51	9.0	9.0	A2	6	..	39698b
10	2577	43.6	−71 54	*9.1*	10.1	Ko	3	*5,2*	19966b
11	836	43.6	−82 36	*8.4*	8.7	F2	5	..	21397b
12	3273	43.7	+45 49	8.9	*8.9*	A	2	E	37874i
13	4222	43.7	+31 18	7.8	*7.9*	A2	3	..	37912i
14	*4616*	43.7	+ 6 1	8.3	*9.3*	Ko	3	..	14194b
15	4371	43.7	+ 1 41	8.9	*10.3*	Mb	..	..	M
16	5590	43.7	− 6 7	10.0	*10.0*	Ao	4	..	14379b
17	5411	43.7	− 7 6	9.2	*10.0*	G5	4	..	14379b
18	5586	43.7	− 9 8	9.2	*10.2*	Ko	3	..	40609b
19	6099	43.7	−17 0	9.4	*10.0*	Go	2	..	40582b
20	5782	43.7	−18 35	9.2	*9.8*	Go	6	..	40582b
21	13152	43.7	−50 23	9.2	10.3	Ko	3	..	39458b
22	3869	43.7	−65 9	*8.0*	8.8	G5	5	..	20427b
23	1321	43.8	+66 39	8.8	*9.6*	G5	2	..	37333i
24	2488	43.8	+56 28	7.44	*7.86*	F5	5	..	37945i
25	4225	43.8	+31 47	8.6	*8.6*	Ao	2	..	37912i
26	*3995*	43.8	+27 5	8.0	*8.3*	Fo	2	..	38510i
27	*4538*	43.8	+ 9 6	7.6	*8.1*	F8	7	..	14194b
28	5412	43.8	− 7 26	9.6	*10.4*	G5	3	..	14379b
29	5515	43.8	−10 43	9.2	*9.8*	Go	4	..	40609b
30	5767	43.8	−13 25	9.2	*9.3*	A2	4	..	39479b
31	15287	43.8	−26 11	9.9	9.7	G5	4	..	40633b
32	14660	43.8	−34 9	5.00	6.7	Ko	..	*5*, R	**28**,215
33	*14425*	43.8	−35 56	8.4	9.3	A5	3	..	40732b
34	14244	43.8	−38 37	8.4	10.4	K2	1	..	40939b
35	11778	43.8	−52 29	*9.5*	10.0	F8	2	2,1	39458b
36	1127	43.9	+69 23	6.52	*7.52*	Ko	6	..	38573i
37	3275	43.9	+45 13	6.69	*7.87*	K5	4	*3,4*	37878i
38	*4378*	43.9	+26 2	8.0	*9.2*	K5	1	..	21671i
39	4720	43.9	+20 52	7.05	*8.05*	Ko	4	..	38507i
40	5587	43.9	− 9 9	8.1	*9.5*	Ma	4	..	40609b
41	*5433*	43.9	−10 51	9.8	*10.4*	Go	2	..	40609b
42	15060	43.9	−25 12	9.1	9.4	F2	5	..	40746b
43	15058	43.9	−25 45	9.5	10.3	Ko	1	..	40746b
44	15222	43.9	−33 24	9.0	8.5	Ao	4	..	40732b
45	*14250*	43.9	−40 58	8.8	9.5	Go	3	..	40939b
46	15116	43.9	−42 52	8.7	8.6	Go	6	..	39677b
47	14054	43.9	−45 16	9.1	10.1	K2	4	..	39677b
48	13728	43.9	−46 23	10.3	10.1	Ao	2	..	39472b
49	9949	43.9	−53 0	8.3	9.0	Go	5	..	42801b
50	9758	43.9	−54 36	8.8	9.7	Go	4	..	42801b
51	9555	43.9	−56 46	8.6	9.0	F8	6	..	39698b
52	2170	44.0	+58 35	8.7	*9.0*	Fo	3	..	38795i
53	3889	44.0	+41 42	7.32	*7.32*	Ao	3	..	37878i
54	3888	44.0	+28 10	7.7	*8.7*	Ko	2	..	38510i
55	*4539*	44.0	+ 9 7	8.5	*9.6*	K2	2	..	14194b
56	*5385*	44.0	− 4 58	9.55	*10.55*	Ko	2	..	14379b
57	5588	44.0	− 9 37	9.8	*10.6*	G5	2	..	40609b
58	5434	44.0	−11 49	7.8	*8.1*	Fo	8	..	40609b
59	5859	44.0	−14 22	9.2	*9.8*	Go	7	..	39479b
60	*5843*	44.0	−20 58	9.4	11.0	Ko	1	..	40582b
61	5544	44.0	−22 16	8.6	9.5	G5	5	..	40746b
62	*15063*	44.0	−26 55	11.1	10.9	Ko	1	..	40633b
63	3210	44.1	+48 29	8.1	*8.4*	Fo	3	..	18153i
64	3865	44.1	+42 54	8.7	*8.8*	A3	2	..	37878i
65	3873	44.1	+27 53	7.9	*9.3*	Mb	1	..	38510i
66	3998	44.1	+26 27	9.0	*9.0*	Ao	1	..	21671i
67	4199	44.1	+22 39	7.7	*7.7*	B9	5	..	37940i
68	4362	44.1	+21 16	7.85	*8.85*	Ko	2	..	38507i
69	4421	44.1	+17 29	7.9	*8.9*	Ko	1	..	38507i
70	4389	44.1	+11 30	7.70	*8.88*	K5	3	..	14194b
71	4619	44.1	+ 5 44	7.7	*7.8*	A2	3	..	38030i
72	*4057*	44.1	− 0 56	6.53	*7.88*	Mb	7	0,7-	10252b
73	5590	44.1	− 9 1	8.6	*9.2*	Go	6	..	40609b
74	5589	44.1	− 9 49	9.01	*9.43*	F5	5	..	40609b
75	5843	44.1	−12 1	9.8	*10.8*	Ko	2	..	39479b
76	*6100*	44.1	−16 55	10.5	*11.1*	G	1	..	40582b
77	5784	44.1	−18 29	9.8	*10.4*	Go	2	..	40582b
78	15065	44.1	−27 45	6.99	8.2	Ko	..	0,9	**28**,215
79	17363	44.1	−29 51	9.9	9.7	F5	4	..	40633b
80	18214	44.1	−30 48	7.7	9.4	F5	3	..	40732b
81	7785	44.1	−58 1	*9.7*	10.5	G5	1	..	39698b
82	*3870*	44.1	−64 55	7.76	8.6	Fo	7	..	20427b
83	3508	44.1	−66 39	*9.6*	10.6	Ko	2	..	20542b
84	2800	44.2	+52 15	7.70	*8.70*	Ko	2	..	38796i
85	2951	44.2	+51 26	7.8	*8.1*	Fo	3	E	38796i
86	*3211*	44.2	+49 1	8.2	*9.2*	Ko	1	E	38796i
87	4235	44.2	+38 55	7.01	*7.43*	F5	7	R	38508i
88		44.2	+38 55			A3			
89	4158	44.2	+34 19	8.7	*9.2*	F8	1	..	37912i
90	4521	44.2	+19 29	8.5	*8.8*	Fo	2	..	38507i
91	4422	44.2	+17 29	8.1	*8.9*	G5	1	..	38507i
92	4552	44.2	+ 4 40	8.5	*9.5*	Ko	3	..	10252b
93	4058	44.2	− 1 3	9.1	*10.1*	Ko	1	..	14193b
94	5387	44.2	− 5 13	10.3	*11.3*	Ko	1	..	14379b
95	5388	44.2	− 5 36	10.0	*10.8*	G5	2	..	14379b
96	5768	44.2	−13 30	9.4	*9.5*	A5	4	..	39479b
97	18215	44.2	−30 29	8.9	9.8	Go	2	..	40633b
98	12732	44.2	−51 2	8.0	*8.5*	F5	6	..	39458b
99	2179	44.2	−73 27	*8.5*	9.5	Ko	3	..	42475b
100	2283	44.3	+59 30	8.3	*8.9*	Go	2	..	38795i

198300 — 20h 44m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	*4184*	44.3	+31 8	8.4	*8.4*	Ao	2	..	37912i
2	5596	44.3	− 6 20	10.3	*10.9*	Go	2	..	40609b
3	6101	44.3	−17 19	9.8	*10.4*	Go	2	..	40582b
4	6043	44.3	−20 5	9.0	9.5	Go	3	..	40582b
5	17366	44.3	−29 7	9.4	10.3	F8	1	..	40633b
6	13988	44.3	−39 30	9.4	10.1	F8	2	..	40939b
7	13989	44.3	−39 47	8.43	8.9	K2	4	..	40939b
8	*11782*	44.3	−51 59	5.16	6.7	Ko	..	5,8R	56,146
9	9950	44.3	−53 22	*9.7*	10.2	F8	1	..	42801b
10	2566	44.3	−72 52	*9.8*	10.4	Go	1	..	19966b
11	*1504*	44.4	+66 9	9.3	*9.9*	Go	1	..	37401i
12	4323	44.4	+39 32	8.7	*9.5*	G5	1	..	38942i
13	3890	44.4	+28 26	8.4	*9.2*	G5	2	..	38510i
14	4249	44.4	+24 26	8.2	*8.3*	A2	2	..	37940i
15	4203	44.4	+22 38	7.73	*9.08*	Mb	2	..	37940i
16	*4529*	44.4	+14 4	8.3	*8.4*	A2	1	..	37938i
17	4433	44.4	+ 3 40	8.1	*9.3*	K5	4	..	10252b
18	5270	44.4	− 4 15	8.7	*9.7*	Ko	3	2,2	14379b
19	5861	44.4	−14 1	8.7	*9.7*	Ko	6	..	39479b
20	*6102*	44.4	−16 55	9.8	*10.1*	Fo	2	..	40582b
21	15068	44.4	−27 53	9.5	10.3	Ko	1	..	40633b
22	16944	44.4	−28 4	9.7	9.7	G5	2	..	40633b
23	16945	44.4	−28 23	9.4	10.0	K2	2	..	40633b
24	16235	44.4	−32 5	7.40	8.5	K2	5	..	40732b
25	14061	44.4	−45 14	10.6	10.4	F5	4	..	39472b
26	9761	44.4	−57 46	*10.2*	11.3	K2	1	..	39698b
27	*683*	44.5	+80 8	8.85	*10.20*	Mb	..	..	M
28	1153	44.5	+68 31	9.6	*9.6*	A	1	..	37401i
29	4253	44.5	+36 32	7.9	*9.0*	K2	1	..	38508i
30	4185	44.5	+30 25	7.36	*8.54*	K5	1	..	37912i
31	4266	44.5	+15 56	8.1	*8.4*	F2	2	..	38948i
32	4433	44.5	+14 15	7.09	*7.09*	Ao	5	..	37938i
33	4104	44.5	− 0 0	9.5	*9.5*	A	1	..	14193b
34	5413	44.5	− 7 4	7.86	*8.36*	F8	7	..	40609b
35	5591	44.5	− 9 12	9.8	*10.6*	G5	2	..	40609b
36	5769	44.5	−13 44	10.7	*11.3*	Go	1	..	39479b
37	5788	44.5	−18 28	9.4	*10.2*	G5	2	..	40582b
38	17369	44.5	−29 12	8.7	10.3	G5	2	..	40633b
39	17367	44.5	−29 24	8.2	9.1	F5	6	..	40633b
40	17886	44.5	−31 39	8.1	8.5	F8	5	..	40732b
41	13596	44.5	−47 46	9.9	10.1	F8	3	..	39657b
42	3871	44.5	−65 47	*8.4*	9.4	Ko	4	..	20427b
43	*2243*	44.6	+58 3	7.27	*7.77*	F8	2	..	37945i
44	3201	44.6	+50 23	8.3	*8.4*	A2	4	..	38796i
45	3188	44.6	+47 28	5.65	*6.65*	Ko	8	..	37874i
46	*4366*	44.6	+22 1	7.78	*8.06*	Fo	3	..	37940i
47	4105	44.6	− 0 2	8.9	*9.7*	G5	1	..	14193b
48	*5375*	44.6	− 1 53	9.1	*9.4*	F2	5	..	14193b
49	*5272*	44.6	− 3 53	9.6	*10.7*	K2	1	..	14193b
50	*5273*	44.6	− 3 58	9.1	*9.5*	F5	3	..	14193b
51	5271	44.6	− 4 14	8.6	*8.9*	Fo	5	..	14193b
52	5518	44.6	−10 11	9.1	*10.3*	K5	2	..	40609b
53	*5845*	44.6	−11 54	10.0	*11.0*	Ko	1	..	39479b
54	15067	44.6	−25 21	6.64	7.2	F8	10	..	40746b
55	16947	44.6	−28 21	9.2	9.7	G5	4	..	40633b
56	16236	44.6	−32 25	6.46	8.1	K5	7	..	40732b
57	14250	44.6	−38 17	5.55	6.5	Ko	..	5,10	56,146
58	14219	44.6	−43 15	10.3	11.3	Ko	2	..	39472b
59	4082	44.6	−64 0	*9.4*	9.5	A2	3	..	19897b
60	4081	44.6	−64 8	*9.7*	10.2	F8	1	..	19897b
61	3509	44.6	−66 36	*9.5*	10.6	K2	2	..	20542b
62	2180	44.6	−73 48	*9.5*	10.6	K2	2	..	19966b
63	1858	44.7	+62 16	9.3	*9.4*	A2	1	..	38795i
64	3893	44.7	+41 21	8.3	*9.4*	K2	1	..	38942i
65	4033	44.7	+33 12	9.0	*9.1*	A2	2	..	37912i
66	4383	44.7	+25 18	7.76	*7.74*	B9	4	..	37940i
67	4543	44.7	+ 8 19	8.3	*8.4*	A2	6	..	14194b
68	*4554*	44.7	+ 8 9	8.7	*8.8*	A2	3	..	14194b
69	4555	44.7	+ 7 13	8.9	*9.9*	Ko	1	..	14194b
70	*4435*	44.7	+ 4 0	8.1	*9.1*	Ko	5	..	10252b
71	4106	44.7	− 0 42	7.00	*8.07*	K2	6	2,7	10252b
72	5376	44.7	− 2 37	10.0	*10.4*	F5	1	..	14193b
73	5390	44.7	− 5 31	var.	var.	Md	..	R	M
74	*5487*	44.7	− 7 52	8.8	*9.3*	F8	4	..	40609b
75	15121	44.7	−42 27	9.7	10.4	Fo	3	..	39677b
76	9952	44.7	−53 42	*9.9*	10.4	F8	2	..	42801b
77	6183	44.7	−62 41	*9.8*	10.6	G5	1	..	19897b
78	2468	44.8	+55 12	7.71	*7.69*	B9	3	..	37945i
79	4384	44.8	+25 18	7.56	*7.54*	B9	5	..	37940i
80	*5598*	44.8	− 5 57	9.8	*10.9*	K2	1	..	40609b
81	*6047*	44.8	−19 56	9.4	10.4	G5	3	..	40582b
82	6046	44.8	−20 3	9.2	9.8	F8	3	..	40582b
83	14254	44.8	−38 39	7.9	8.4	Fo	8	..	40939b
84	14255	44.8	−38 48	8.1	10.1	K5	2	..	40939b
85	1155	44.9	+68 11	8.5	*9.3*	G5	2	..	37401i
86	2285	44.9	+59 44	8.21	*9.28*	K2	2	..	38795i
87	*2954*	44.9	+52 3	6.34	*7.12*	G5	8	..	38796i
88	3895	44.9	+41 54	8.3	*9.1*	G5	1	..	38942i
89	4531	44.9	+13 36	7.02	*7.52*	F8	4	3,4	37938i
90	4472	44.9	+12 11	6.00	*6.42*	F5	7	..	37938i
91	4556	44.9	+ 7 30	6.23	*6.23*	Ao	8	..	38030i
92	5038	44.9	− 3 1	9.2	*9.8*	Go	3	..	14193b
93	5846	44.9	−12 8	9.8	*10.6*	G5	1	..	39479b
94	5771	44.9	−13 48	10.3	*10.8*	F8	1	..	39479b
95	5932	44.9	−19 21	9.6	10.2	Go	2	..	40582b
96	15072	44.9	−27 24	9.7	10.3	K2	2	..	40633b
97	4617	44.9	−63 42	*8.7*	9.7	Ko	1	..	19897b
98	4083	44.9	−64 35	*7.5*	7.6	A2	9	..	20542b
99	931	44.9	−81 9	*9.2*	9.8	G	2	..	21397b
100	3378	45.0	+49 38	7.9	*8.0*	A2	4	..	38796i

198400 — $20^h\,45^m.0$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3897	45.0	+41 23	7.63	*8.41*	G5	4	..	38942i
2	4268	45.0	+15 37	8.1	*8.9*	G5	1	..	38948i
3	*4388*	45.0	+11 7	7.40	*8.47*	K2	2	..	37938i
4	4626	45.0	+ 5 11	6.30	*7.30*	Ko	..	0,5	**56**,99
5	*4374*	45.0	+ 2 4	7.6	*8.8*	K5	2	..	38030i
6	4107	45.0	− 0 0	8.1	*8.1*	Ao	4	..	10252b
7	*5709*	45.0	−15 53	8.02	*8.80*	G5	5	..	40582b
8	5934	45.0	−19 21	9.8	10.4	Go	1	..	40582b
9	15075	45.0	−25 39	9.7	10.0	A2	2	..	40746b
10	16949	45.0	−28 7	10.6	10.3	F2	2	..	40633b
11	6511	45.0	−61 7	*9.6*	10.7	K2	1	..	19897b
12	1325	45.1	+66 49	9.6	*10.0*	F5	1	..	37333i
13	1660	45.1	+63 37	7.9	*8.2*	Fo	6	..	37333i
14	*3590*	45.1	+45 5	7.47	*7.47*	Ao	4	..	37878i
15	4269	45.1	+15 31	8.6	*8.9*	F2	1	..	38948i
16	4557	45.1	+ 7 29	8.3	*9.1*	G5	2	..	14194b
17	*5378*	45.1	− 1 56	8.9	*10.0*	K2	1	..	14193b
18	5393	45.1	− 5 29	8.82	*8.80*	B9	6	..	40609b
19	5809	45.1	−15 10	9.0	*10.0*	Ko	3	..	40582b
20	5844	45.1	−21 40	7.07	7.8	F5	9	..	40582b
21	15300	45.1	−26 36	9.9	10.3	Ko	3	..	40633b
22	9762	45.1	−57 6	8.6	9.6	Ko	6	..	39698b
23	932	45.1	−81 35	*8.9*	10.1	K5	2	..	42794b
24	4239	45.2	+38 30	7.7	*7.7*	Ao	7	..	38508i
25	4230	45.2	+31 56	8.4	*9.5*	K2	1	..	37912i
26	4394	45.2	+11 32	7.9	*9.0*	K2	3	..	14194b
27	4558	45.2	+ 7 13	8.7	*8.8*	A3	2	..	14194b
28	*5519*	45.2	− 9 56	10.0	*10.5*	F8	2	..	40609b
29	5520	45.2	−10 24	10.0	*10.8*	G5	1	..	40609b
30	5848	45.2	−12 16	9.4	*9.5*	A3	4	..	39479b
31	*5773*	45.2	−12 54	5.99	*6.99*	Ko	..	0,10	**56**,146
32	5790	45.2	−18 36	9.0	*9.1*	A3	4	..	40582b
33	14263	45.2	−41 18	7.4	8.3	Ko	7	..	40939b
34	14072	45.2	−45 33	9.2	10.7	K2	3	..	39472b
35	2567	45.2	−72 32	*9.9*	10.4	F8	2	..	19966b
36	4331	45.3	+39 25	7.32	*7.32*	Ao	5	..	38508i
37	4282	45.3	+35 12	6.70	*7.88*	K5	4	0,4	37912i
38	4005	45.3	+26 32	8.0	*8.0*	Ao	2	..	21671i
39	4659	45.3	+ 6 39	8.6	*9.7*	K2	2	..	14194b
40	5600	45.3	− 6 15	8.71	*8.99*	Fo	5	..	40609b
41	*5521*	45.3	− 9 51	8.46	*9.02*	Go	5	..	40609b
42	*5849*	45.3	−11 57	9.8	*10.6*	G5	3	..	39479b
43	5850	45.3	−12 38	9.6	*10.1*	F8	2	..	39479b
44	5864	45.3	−14 34	8.0	*8.8*	G5	8	..	39479b
45	5812	45.3	−15 39	9.2	*10.0*	G5	1	..	40582b
46	6104	45.3	−17 40	8.6	*9.6*	Ko	4	..	40582b
47	*5935*	45.3	−18 58	10.0	11.5	Ko	1	..	40582b
48	5547	45.3	−22 0	9.2	10.2	Go	1	..	40746b
49	*15302*	45.3	−25 58	7.6	8.8	Ko	7	..	40746b
50	13703	45.3	−48 19	10.3	11.2	G5	2	..	39657b
51	9956	45.3	−53 25	*9.8*	10.4	Go	2	..	42801b
52	9475	45.3	−55 39	*9.5*	10.5	Ko	2	..	39698b
53	7646	45.3	−59 0	*9.8*	10.2	F5	2	..	39698b
54	1326	45.4	+66 54	7.8	*7.8*	B9	7	..	37333i
55	*3380*	45.4	+50 7	8.07	*8.07*	Ao	4	..	38796i
56	4240	45.4	+38 55	7.9	*8.9*	Ko	2	..	38942i
57	4253	45.4	+24 30	8.6	*8.6*	Ao	2	..	37940i
58	4477	45.4	+12 57	7.18	*8.25*	K2	2	..	37938i
59	4397	45.4	+11 43	7.7	*7.7*	Ao	4	0,2 R	14194b
60	5813	45.4	−15 27	9.1	*9.5*	F5	3	..	40582b
61	5711	45.4	−16 47	8.2	*9.2*	Ko	4	..	40582b
62	5792	45.4	−18 8	8.8	*9.6*	G5	4	..	40582b
63	5791	45.4	−18 22	10.0	*10.8*	G5	2	..	40582b
64	*6048*	45.4	−19 58	8.78	10.1	Ko	3	..	40582b
65	15077	45.4	−27 10	8.5	10.0	K5	3	..	40633b
66	15078	45.4	−27 32	8.1	10.0	K2	3	..	40633b
67	*14227*	45.4	−42 57	9.3	10.7	G5	3	..	39677b
68	14169	45.4	−44 30	8.3	8.9	F8	6	..	39677b
69	13705	45.4	−48 24	9.7	10.0	F5	3	..	39657b
70	13704	45.4	−48 31	9.9	10.3	Go	2	..	39657b
71	9958	45.4	−53 9	*10.2*	11.3	K2	1	..	39458b
72	9957	45.4	−53 39	7.2	7.7	F8	7	..	42801b
73	9476	45.4	−55 50	*9.9*	10.4	F8	1	..	39698b
74	9557	45.4	−56 36	7.9	9.4	Ko	7	..	39698b
75	7430	45.4	−60 53	*9.7*	10.3	Go	2	..	19897b
76	2579	45.4	−71 39	*9.2*	10.4	K5	1	..	19966b
77	303	45.4	−87 27	*8.7*	9.5	G5	5	5,8	15173b
78	3291	45.5	+45 45	4.89	*4.70*	B2	..	...	**56**,99
79	3290	45.5	+45 16	8.52	*8.40*	B5	3	..	1338f
80	3873	45.5	+42 35	7.26	*7.21*	B8	5	0,4	38942i
81	4328	45.5	+40 33	7.72	*8.28*	Go	3	..	38942i
82	4191	45.5	+30 16	7.91	*8.98*	K2	1	..	37912i
83	4387	45.5	+25 24	7.86	*8.64*	G5	4	..	37940i
84	4726	45.5	+20 31	7.85	*7.93*	A3	4	..	38507i
85	4527	45.5	+19 33	8.9	*9.0*	A2	2	..	38507i
86	5396	45.5	− 5 10	8.10	*8.60*	F8	5	..	14193b
87	5814	45.5	−15 38	9.2	*10.3*	K2	2	..	40582b
88	15080	45.5	−25 24	9.2	9.7	F5	2	..	40746b
89	14679	45.5	−34 43	8.7	9.1	A3	4	..	40732b
90	14170	45.5	−44 16	8.0	8.6	Ao	7	..	39677b
91	13245	45.5	−49 53	9.46	9.7	Fo	4	..	39458b
92	*9477*	45.5	−54 56	8.70	9.9	Ko	3	..	42801b
93	7647	45.5	−59 35	9.2	9.7	F8	4	..	39698b
94	3192	45.6	+47 51	8.1	*8.1*	Ao	3	0,3-	37874i
95	4329	45.6	+40 46	7.9	*8.4*	F8	2	..	38942i
96	4263	45.6	+36 30	8.6	*8.6*	Ao	2	0,1	37912i
97	5044	45.6	− 3 8	9.4	*10.4*	Ko	2	..	14193b
98	5042	45.6	− 3 32	9.4	*9.9*	F8	3	..	14193b
99	*5816*	45.6	−14 58	9.8	*11.0*	K5	1	..	40582b
100	15080	45.6	−27 37	6.64	7.2	F8	..	0,10	**28**,215

198500 — $20^h\ 45^m.6$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	16955	45.6	−28 22	6.82	6.9	A3	..	3,9R	28,215
2	17379	45.6	−29 48	7.05	7.7	F5	8	..	40732b
3	18223	45.6	−30 9	7.16	7.9	K2	7	..	40732b
4	*14403*	45.6	−34 57	9.4	9.7	F5	2	..	40732b
5	14267	45.6	−38 33	8.0	8.6	F5	7	..	40939b
6	13706	45.6	−48 38	8.4	9.1	K2	5	..	39657b
7	9959	45.6	−53 15	9.2	11.3	Ma	1	..	39458b
8	R	45.6	−58 14	..	..	Ko	1	..	39698b
9	3391	45.6	−68 30	*10.7*	11.5	G5	2	..	20542b
10	*884*	45.7	+75 3	9.02	*9.80*	G5	1	..	37266i
11	1029	45.7	+71 24	8.6	*9.2*	Go	2	..	38936i
12	2495	45.7	+53 32	7.95	..	Pec.	3	R	19317i
13	2957	45.7	+51 32	6.28	*6.26*	B9	10	..	38796i
14	4391	45.7	+25 42	8.2	*8.2*	Ao	4	..	37940i
15	4380	45.7	+16 51	8.6	*8.7*	A2	2	..	38507i
16	4257	45.7	+ 2 54	9.1	*9.2*	A2	2	..	10252b
17	4256	45.7	+ 2 42	9.1	*9.2*	A5	4	..	10252b
18	5043	45.7	− 3 44	9.2	*10.4*	K5	2	..	14193b
19	*5523*	45.7	− 9 58	10.7	*10.7*	A	2	..	40609b
20	5847	45.7	−21 24	8.8	10.1	Ko	3	..	40582b
21	5551	45.7	−22 18	9.2	10.7	K2	1	..	40746b
22	15082	45.7	−25 13	9.9	10.9	K2	1	..	40746b
23	18224	45.7	−30 28	9.4	9.7	A5	3	..	40633b
24	14230	45.7	−43 33	9.5	11.0	Ko	4	..	39472b
25	4331	45.8	+40 21	8.4	*8.5*	A3	1	..	38942i
26	3898	45.8	+28 37	8.0	*9.0*	Ko	1	R	38510i
27	*4008*	45.8	+27 0	7.04	*7.02*	B9	5	..	37940i
28	5866	45.8	−14 17	8.1	*8.2*	A5	9	..	39479b
29	15245	45.8	−33 33	6.03	6.4	A2	..	2,R	28,215
30	14231	45.8	−43 7	9.7	11.3	K2	2	..	39677b
31	13708	45.8	−48 18	11.0	10.6	F8	2	..	39657b
32	13161	45.8	−50 54	8.3	9.2	G5	4	..	39458b
33	*7433*	45.8	−59 59	8.61	9.1	F5	4	..	19897b
34	7434	45.8	−60 5	7.56	7.5	Ao	8	..	19897b
35	6184	45.8	−62 21	*8.8*	9.8	Ko	2	..	19897b
36	2182	45.8	−73 17	*10.0*	11.0	Ko	1	..	19966b
37	2248	45.9	+57 52	8.1	*8.5*	F5	1	..	37945i
38	3901	45.9	+41 15	8.7	*8.7*	Ao	2	..	38942i
39	4538	45.9	+13 36	8.5	*8.6*	A2	2	..	38948i
40	5524	45.9	−10 42	9.4	*10.0*	Go	2	..	40609b
41	*5795*	45.9	−17 53	8.0	*9.0*	Ko	5	..	40582b
42	15082	45.9	−27 18	4.24	6.8	Ma	..	R	28,215
43	14682	45.9	−34 16	8.2	9.3	K5	3	..	40732b
44	14683	45.9	−34 51	9.0	9.6	F8	2	..	40732b
45	13709	45.9	−48 0	9.9	10.6	Ko	2	..	39657b
46	11786	45.9	−52 5	7.40	7.2	Ao	7	..	42801b
47	755	46.0	+75 13	8.97	*9.53*	Go	2	..	37266i
48	886	46.0	+74 20	8.5	*9.1*	Go	2	..	38936i
49	1129	46.0	+69 34	7.75	*7.75*	Ao	4	..	38573i
50	*3900*	46.0	+29 1	8.6	*9.6*	Ko	1	..	38510i
51	4215	46.0	+22 31	8.0	*9.0*	Ko	1	..	37940i
52	4431	46.0	+17 40	6.49	*6.49*	Ao	9	..	38507i
53	*4382*	46.0	+17 4	8.5	*9.6*	K2	1	..	38507i
54	4478	46.0	+12 12	8.5	*8.9*	F5	1	..	37938i
55	5495	46.0	− 8 19	8.7	*9.8*	K2	2	..	40609b
56	5774	46.0	−13 2	9.4	*10.0*	Go	3	..	39479b
57	5867	46.0	−14 7	8.6	*9.8*	K5	3	..	39479b
58	5850	46.0	−21 14	9.8	10.1	G5	3	..	40582b
59	16315	46.0	−24 7	9.7	9.7	A2	4	..	40746b
60	18226	46.0	−30 1	9.48	10.3	Go	3	..	40633b
61	13605	46.0	−47 54	11.0	11.0	G5	1	..	39657b
62	7435	46.0	−60 3	8.66	9.1	F2	3	..	19897b
63	4619	46.0	−63 13	*6.9*	7.9	Ko	6	0,5	19897b
64	3764	46.0	−67 48	*9.6*	10.4	G5	4	..	20542b
65	1668	46.0	−75 36	*9.8*	10.1	F2	3	..	19964b
66	1357	46.0	−78 37	*9.8*	9.8	A	2	..	19964b
67	4286	46.1	+35 58	8.6	*8.6*	B8	3	..	37912i
68	*4530*	46.1	+20 6	8.05	*9.23*	K5	2	..	38507i
69	*4632*	46.1	+ 6 1	7.9	*8.9*	Ko	5	..	14194b
70	5280	46.1	− 4 39	8.0	*8.0*	Ao	6	..	14193b
71	5604	46.1	− 6 0	5.99	*6.33*	F2	6	3,8	44061b
72	..	46.1	− 7 43	..	..	Ko	1	..	40609b
73	5496	46.1	− 8 38	10.3	*10.4*	A3	1	..	40609b
74	5775	46.1	−13 19	9.4	*9.9*	F8	3	..	39479b
75	*6108*	46.1	−16 59	10.5	*10.5*	A	1	..	40582b
76	6051	46.1	−20 39	9.2	10.6	Ko	2	..	40582b
77	6050	46.1	−20 45	9.8	11.0	G5	1	..	40582b
78	15308	46.1	−26 41	10.6	9.7	Fo	4	..	40633b
79	17905	46.1	−31 4	7.58	9.1	K2	5	..	40732b
80	17906	46.1	−31 46	8.1	9.1	Ko	4	..	40732b
81	14002	46.1	−39 18	7.9	8.0	A3	8	..	40939b
82	7786	46.1	−58 9	*10.1*	10.7	Go	1	..	39698b
83	4165	46.2	+23 22	8.0	*8.4*	F5	3	..	37940i
84	4217	46.2	+22 22	7.8	*7.9*	A2	5	..	37940i
85	*4261*	46.2	+ 3 7	8.1	*8.7*	Go	3	..	38030i
86	4260	46.2	+ 2 40	8.5	*8.6*	A5	5	..	10252b
87	5399	46.2	− 5 34	9.6	*10.6*	Ko	1	..	40609b
88	*5851*	46.2	−20 55	10.0	10.1	Ao	3	..	40582b
89	16549	46.2	−23 4	9.1	9.6	Ko	4	..	40746b
90	14003	46.2	−39 29	6.91	7.3	Ko	8	..	40939b
91	14069	46.2	−40 35	9.3	11.1	K2	1	..	40939b
92	13609	46.2	−47 0	7.1	7.5	Ao	8	..	39472b
93	13712	46.2	−48 10	9.5	10.0	Ko	4	..	39657b
94	9961	46.2	−53 13	*10.6*	11.1	F8	2	..	39458b
95	1463	46.2	−76 29	*9.8*	10.1	F2	4	..	19964b
96	2497	46.3	+53 52	7.24	*8.24*	Ko	3	..	38796i
97	4197	46.3	+30 59	7.7	*7.7*	Ao	4	..	37912i
98	4549	46.3	+ 8 28	9.3	*9.4*	A2	2	..	14194b
99	5526	46.3	−10 42	7.44	*8.00*	Go	8	..	40609b
100	5776	46.3	−13 6	10.9	*11.4*	F8	1	..	39479b

198600 — 20h 46m.3

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	6110	46.3	−16 53	9.2	9.7	F8	3	R	40582b
2	6053	46.3	−20 13	9.0	9.5	Go	3	..	40582b
3	16552	46.3	−23 17	9.9	11.3	K2	1	..	40746b
4	16960	46.3	−28 47	9.9	10.0	Ko	2	..	40633b
5	17389	46.3	−29 16	11.8	10.3	F5	1	..	40633b
6	14070	46.3	−40 44	8.4	9.5	G5	3	..	40939b
7	11787	46.3	−52 43	9.5	10.6	K2	2	0,1	39458b
8	9559	46.3	−55 58	8.4	9.0	Fo	8	..	39698b
9	4084	46.3	−64 35	8.1	9.1	Ko	4	..	20542b
10	1359	46.3	−78 34	8.5	8.9	F5	5	..	19964b
11	3209	46.4	+50 24	7.62	8.80	K5	2	..	38796i
12	4200	46.4	+29 36	8.4	8.4	A	1	..	21671b
13	5777	46.4	−12 52	8.6	9.4	G5	4	..	39479b
14	15309	46.4	−26 28	10.2	10.9	Ko	1	..	40633b
15	16262	46.4	−32 4	8.4	9.4	K2	2	..	40732b
16	14689	46.4	−34 29	9.0	9.7	A3	1	..	40732b
17	14414	46.4	−35 32	9.4	9.6	F5	2	..	40732b
18	14277	46.4	−41 9	8.7	8.9	Fo	3	..	40939b
19	13742	46.4	−46 11	9.2	9.8	A3	4	..	39472b
20	13251	46.4	−49 45	8.66	9.1	F5	6	..	39458b
21	13166	46.4	−50 47	11.0	11.4	G5	1	..	39458b
22	4620	46.4	−62 58	10.0	10.6	Go	1	..	19897b
23	724	46.5	+78 28	8.36	9.54	K5	1	..	38512i
24	3386	46.5	+49 45	6.78	8.13	Mb	4	..	38796i
25	3067	46.5	+46 17	6.48	6.31	B3	..	3,7	56,99
26	4199	46.5	+30 32	6.75	6.81	A2	7	..	37912i
27	4201	46.5	+30 2	7.96	8.38	F5	2	..	37912i
28	4273	46.5	+15 39	8.7	9.8	K2	1	..	38948i
29	5400	46.5	− 5 20	10.0	10.5	F8	1	..	40609b
30	5595	46.5	− 9 25	9.1	10.2	K2	3	..	40609b
31	5940	46.5	−19 27	9.0	9.2	Go	2	..	40582b
32	16321	46.5	−24 31	9.1	10.0	K2	2	..	40746b
33	14238	46.5	−42 57	9.1	10.4	G5	4	..	39677b
34	14081	46.5	−45 41	8.5	7.9	F8	6	..	39472b
35	13611	46.5	−47 3	9.9	9.5	F8	2	..	39472b
36	6514	46.5	−61 22	9.1	9.7	G	3	..	19897b
37	1266	46.6	+67 24	9.3	9.3	A	2	..	37333i
38	3211	46.6	+50 57	6.68	7.02	F2	8	..	38796i
39	3739	46.6	+43 41	5.07	5.21	A5	..	0,10	56,99
40	4272	46.6	+36 42	8.7	10.1	Mb	..	..	M
41	4650	46.6	+ 9 15	9.1	9.1	Ao	4	..	14194b
42	4600	46.6	+ 0 46	8.7	8.7	Ao	3	..	10252b
43	5401	46.6	− 5 10	8.35	8.35	Ao	5	3,8-	14193b
44	5500	46.6	− 7 52	8.8	9.8	Ko	4	..	40609b
45	5596	46.6	− 9 46	8.86	9.86	Ko	4	..	40609b
46	5446	46.6	−11 3	9.4	10.5	K2	1	..	40609b
47	5447	46.6	−11 48	7.15	8.15	Ko	8	..	40609b
48	6055	46.6	−20 1	7.18	7.4	Aop	6	R	43350b
49	5852	46.6	−21 36	7.34	8.0	Ko	7	..	40582b
50	13168	46.6	−50 3	9.9	11.2	K2	1	..	39458b
51	13167	46.6	−50 35	10.1	10.9	Go	3	..	39458b
52	2568	46.6	−71 55	9.4	9.9	F8	1	..	19966b
53	1464	46.6	−76 25	8.4	9.5	K2	5	..	19964b
54	2176	46.7	+58 21	7.9	8.9	Ko	1	..	37945i
55	4441	46.7	+ 3 43	9.1	9.4	F2	5	..	10252b
56	5605	46.7	− 6 19	8.2	9.0	G5	6	..	40609b
57	5942	46.7	−19 7	8.37	8.7	F5	5	..	40582b
58	15092	46.7	−27 18	9.2	9.7	Ko	3	..	40633b
59	16964	46.7	−28 41	10.4	9.7	Fo	3	..	40633b
60	9962	46.7	−53 47	8.8	9.9	K2	2	..	42801b
61	625	46.7	−84 19	8.3	8.6	Fo	7	..	21397b
62	2169	46.8	+60 46	8.1	8.6	F8	4	..	38795i
63	4273	46.8	+36 11	8.5	8.5	Ao	2	..	37912i
64	4395	46.8	+10 51	8.9	9.7	G5	1	..	14194b
65	4394	46.8	+10 45	8.3	9.4	K2	3	..	14194b
66	5390	46.8	− 2 38	8.7	8.8	A2	4	..	14193b
67	5606	46.8	− 5 52	5.50	5.45	B8	..	1,9	56,99
68	5424	46.8	− 7 20	9.6	10.6	Ko	1	..	40609b
69	5423	46.8	− 7 45	9.6	10.6	Ko	1	..	40609b
70	6056	46.8	−19 54	8.38	10.1	K2	3	..	40582b
71	18234	46.8	−29 59	11.1	10.9	Ko	1	..	40633b
72	18236	46.8	−30 0	10.4	10.3	Ko	1	..	40633b
73	14448	46.8	−36 14	9.6	9.4	Go	3	..	40939b
74	14087	46.8	−45 4	9.5	10.7	K5	2	..	39472b
75	13254	46.8	−49 49	9.41	10.3	F8	3	..	39458b
76	9766	46.8	−57 0	8.8	9.9	F2	4	..	39698b
77	7436	46.8	−60 35	8.5	9.1	Ko	4	..	19897b
78	3510	46.8	−66 32	7.9	8.5	Go	8	..	20427b
79	2178	46.9	+58 22	6.71	6.69	B9	7	..	37945i
80	2492	46.9	+56 38	8.3	8.3	Ao	1	..	37945i
81	..	46.9	+45 2	..	..	Nb	1	..	38928i
82	4055	46.9	+33 23	9.0	9.0	B9	1	..	37912i
83	4405	46.9	+11 40	8.1	8.6	F8	5	..	14194b
84	4637	46.9	+ 5 23	8.4	8.8	F5	6	..	14194b
85	4443	46.9	+ 4 2	8.7	9.7	Ko	3	..	10252b
86	6057	46.9	−19 56	9.28	9.6	Go	2	..	40582b
87	6058	46.9	−20 6	9.6	10.2	G5	1	..	40582b
88	14449	46.9	−36 53	7.23	8.1	K2	8	..	40939b
89	6516	46.9	−61 15	10.0	10.0	Ao	1	..	19897b
90	3909	47.0	+42 1	7.20	7.15	B8	4	..	37878i
91	4291	47.0	+35 33	8.2	8.2	Ao	4	..	37912i
92	4180	47.0	+34 23	6.68	7.68	Ko	6	0,6	37912i
93	4396	47.0	+11 5	8.6	9.8	K5	1	..	14194b
94	5779	47.0	−13 34	6.97	8.04	K2	8	..	39479b
95	5871	47.0	−14 8	9.1	10.1	Ko	2	..	39479b
96	17913	47.0	−31 53	7.31	7.7	Go	7	..	40732b
97	14421	47.0	−35 2	9.22	9.4	F8	3	..	40732b
98	14181	47.0	−44 43	7.36	9.2	Ko	8	..	39472b
99	11788	47.0	−52 0	9.7	10.3	Go	1	..	42801b
100	7788	47.0	−58 50	3.72	5.8	Ko	..	0,9R	28,215

198700 — $20^h\,47^m.1$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	2810	47.1	+52 13	7.9	*8.4*	F8	2	..	38796i
2	*4013*	47.1	+27 3	7.7	*7.8*	A3	2	..	37940i
3	4548	47.1	+13 32	7.73	*8.73*	Ko	1	..	38948i
4	4553	47.1	+ 8 24	7.20	*8.38*	K5	6	..	14194b
5	4567	47.1	+ 7 13	7.9	*8.2*	Fo	6	..	14194b
6	4383	47.1	+ 1 43	8.5	*8.8*	Fo	3	..	10252b
7	4117	47.1	− 0 30	7.9	*8.3*	F5	2	..	10252b
8	5402	47.1	− 5 4	8.31	*9.38*	K2	4	2,6	14193b
9	5502	47.1	− 8 26	8.4	*8.5*	A3	6	..	40609b
10	5597	47.1	− 9 15	9.4	*9.9*	F8	3	..	40609b
11	5780	47.1	−13 32	9.8	*10.4*	G	2	..	39479b
12	5944	47.1	−19 0	9.6	9.8	Go	1	..	40582b
13	16326	47.1	−24 1	9.9	9.7	Go	3	..	40746b
14	16325	47.1	−24 36	8.3	8.8	Ko	4	..	40746b
15	15100	47.1	−27 32	8.1	8.8	Ko	5	..	40633b
16	14078	47.1	−40 11	5.42	6.5	K2	..	2,10	56,146
17	14280	47.1	−41 26	8.0	8.9	Ko	4	..	40939b
18	13713	47.1	−48 16	9.2	9.8	Ko	5	..	39657b
19	11789	47.1	−52 24	8.5	9.6	K2	3	..	42801b
20	9963	47.1	−53 11	*10.3*	11.1	G5	1	..	39458b
21	*9761*	47.1	−53 58	8.04	9.6	K2	3	..	42801b
22	9762	47.1	−54 29	8.9	9.6	Go	3	R	42801b
23	9763	47.1	−54 32	9.1	9.9	Fo	3	..	39458b
24	9560	47.1	−56 27	9.1	10.8	K5	2	..	39698b
25	3873	47.1	−65 33	*7.8*	8.9	K2	4	..	20427b
26	3890	47.2	+27 52	var.	var.	F8p	8	R	37940i
27	4537	47.2	+19 49	7.9	*7.9*	Ao	4	..	38507i
28	*4263*	47.2	+ 3 5	8.5	*9.5*	Ko	4	..	10252b
29	5048	47.2	− 3 36	8.0	*9.4*	Mb	4	..	14193b
30	5718	47.2	−16 33	8.0	*8.8*	G5	5	..	40582b
31	6112	47.2	−17 23	8.8	*9.8*	Ko	3	..	40582b
32	16328	47.2	−24 9	6.21	7.4	G5	10	..	40746b
33	13745	47.2	−46 50	10.1	9.8	Ao	2	..	39472b
34	13614	47.2	−47 35	10.6	10.4	Go	2	..	39657b
35	..	47.2	−63 5	var.	var.	Md	..	R	M
36	3874	47.2	−65 48	*8.5*	8.6	A3	6	..	20427b
37	1267	47.3	+67 39	6.94	*7.22*	Fo	9	..	37333i
38	*1662*	47.3	+64 3	8.8	*9.8*	K	1	..	37333i
39	*2057*	47.3	+62 9	8.1	*8.1*	B8	4	E	37333i
40	4654	47.3	+ 9 51	8.7	*8.8*	A2	5	..	14194b
41	4639	47.3	+ 5 34	8.5	*8.5*	Ao	5	..	14194b
42	5608	47.3	− 6 18	8.57	*9.57*	Ko	5	..	40609b
43	5598	47.3	− 9 22	4.80	*4.88*	A3	..	R	56,99
44	5532	47.3	−10 12	9.8	*10.4*	Go	1	..	40609b
45	5533	47.3	−10 26	9.0	*9.6*	Go	3	..	40609b
46	5781	47.3	−13 37	9.4	*10.2*	G5	2	..	39479b
47	*5800*	47.3	−17 56	8.8	*9.8*	Ko	4	..	40582b
48	5946	47.3	−19 0	10.0	10.4	Go	1	..	40582b
49	16969	47.3	−28 24	8.5	8.5	F8	6	..	40633b
50	16968	47.3	−28 43	10.2	9.7	F8	2	..	40633b
51	17917	47.3	−31 5	6.46	7.7	Ko	9	..	40732b
52	14455	47.3	−36 34	7.19	8.5	K5	8	..	40939b
53	14284	47.3	−41 9	9.4	10.4	G5	1	..	40939b
54	14285	47.3	−41 16	9.4	10.4	G5	1	..	40939b
55	13170	47.3	−50 30	10.6	11.2	Fo	1	..	39458b
56	11790	47.3	−52 54	7.6	7.7	F5	6	..	42801b
57	7790	47.3	−58 40	*9.7*	10.5	G5	2	..	39698b
58	4223	47.4	+22 57	7.6	*8.8*	K5	1	..	37940i
59	4387	47.4	+21 30	7.7	*8.3*	Go	1	..	37940i
60	5426	47.4	− 7 11	9.4	*10.4*	Ko	3	..	40609b
61	5719	47.4	−16 15	9.2	*10.2*	Ko	2	..	40582b
62	5857	47.4	−21 4	9.8	10.2	Go	2	..	40746b
63	15097	47.4	−25 25	9.4	10.0	Go	1	..	40746b
64	13976	47.4	−37 5	9.0	9.6	Ko	3	..	40939b
65	13615	47.4	−47 5	9.7	10.4	Ko	1	..	39472b
66	12748	47.4	−51 6	6.46	7.1	B9	10	..	39458b
67	1157	47.5	+68 46	8.2	*8.8*	Go	2	..	38573i
68	3393	47.5	+49 15	8.8	*9.1*	Fo	3	0,3-	31115i
69	3968	47.5	+32 12	8.6	*8.6*	A	1	..	37912i
70	4391	47.5	+16 33	8.7	*9.1*	F5	1	..	38948i
71	4397	47.5	+10 21	8.67	*9.85*	K5	1	..	14194b
72	5428	47.5	− 7 24	9.6	*9.6*	Ao	4	..	40609b
73	5429	47.5	− 7 28	9.4	*10.2*	G5	3	..	40609b
74	5873	47.5	−14 39	9.2	*9.2*	Ao	6	..	39479b
75	13978	47.5	−37 20	8.5	9.1	A5	5	..	40939b
76	13746	47.5	−46 42	9.9	9.8	Fo	2	..	39472b
77	13172	47.5	−50 0	9.7	10.6	G5	2	..	39458b
78	9764	47.5	−54 49	9.3	9.9	Go	2	..	42801b
79	7437	47.5	−60 54	8.5	10.2	K5	2	..	19897b
80	2571	47.5	−72 40	*9.2*	9.8	Go	1	..	42475b
81	1663	47.6	+63 40	6.38	*6.14*	Bo	9	..	37333i
82	2059	47.6	+61 59	8.3	*8.3*	Ao	3	..	38795i
83	4346	47.6	+39 16	8.0	*8.8*	G5	1	..	38508i
84	4076	47.6	+37 36	6.97	*6.85*	B5	7	..	38508i
85	4283	47.6	+36 55	8.5	*8.5*	Ao	1	..	37912i
86	6113	47.6	−17 42	9.4	*10.0*	Go	2	..	40582b
87	5556	47.6	−22 20	9.1	9.5	Ao	5	..	40746b
88	14425	47.6	−35 44	9.4	9.9	Ao	2	..	40732b
89	11791	47.6	−52 22	*9.4*	10.0	Go	1	..	42801b
90	9481	47.6	−55 50	*9.8*	10.2	F5	3	..	39698b
91	9767	47.6	−57 25	*9.9*	10.2	F2	2	..	39698b
92	1130	47.7	+69 17	7.42	*7.42*	Ao	7	..	37333i
93	2495	47.7	+56 26	7.01	*6.96*	B8	7	..	37945i
94	3200	47.7	+47 39	7.21	*8.39*	K5	3	..	38796i
95	3885	47.7	+42 16	8.7	*8.7*	Ao	2	..	38942i
96	4347	47.7	+39 36	8.8	*8.8*	Ao	1	..	38942i
97	*4254*	47.7	+39 1	8.0	*8.3*	F2	3	0,4R	38942i
98	4542	47.7	+19 25	8.6	*8.7*	A2	2	..	38507i
99	*4065*	47.7	− 0 59	9.1	*9.9*	G5	2	..	14193b
100	5506	47.7	− 8 4	10.0	*11.1*	K2	1	..	40609b

198800 — $20^h\ 47^m.7$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5601	47.7	− 9 25	9.8	*10.6*	G5	2	..	40609b
2	*5854*	47.7	−11 57	6.40	*6.96*	Go	10	..	40609b
3	14429	47.7	−35 23	8.8	8.8	Ao	7	..	41063b
4	14250	47.7	−43 27	10.1	10.7	G5	4	..	39472b
5	13747	47.7	−46 49	9.9	9.8	F5	1	..	39472b
6	13173	47.7	−50 13	10.3	11.6	Ko	2	..	39458b
7	7791	47.7	−58 14	8.6	9.4	G5	6	..	39698b
8	1470	47.8	+64 14	8.8	*8.9*	A3	3	..	37333i
9	4017	47.8	+26 43	4.76	*5.54*	G5	..	0,10	**56**,99
10	4544	47.8	+19 45	7.22	*7.64*	F5	5	R	38507i
11		47.8	+19 45			Ao			
12	4674	47.8	+ 6 57	8.5	*8.5*	A	4	..	14194b
13	4675	47.8	+ 6 56	8.7	*9.0*	F	3	..	14194b
14	4676	47.8	+ 6 22	8.9	*9.3*	F5	2	..	14194b
15	5392	47.8	− 2 37	8.5	*9.0*	F8	6	..	14193b
16	5430	47.8	− 7 14	9.4	*10.0*	Go	2	..	40609b
17	5602	47.8	− 9 37	10.0	*10.0*	A	1	..	40609b
18	5557	47.8	−22 48	8.6	8.6	A2	7	..	40746b
19	2426	47.9	+54 39	7.60	*7.66*	A2	5	..	37945i
20	3974	47.9	+32 28	6.35	*6.23*	B5	8	..	37912i
21	3907	47.9	+28 30	8.0	*9.1*	K2	2	..	21671i
22	4386	47.9	+ 1 35	7.9	*8.9*	Ko	5	..	10252b
23	*5539*	47.9	− 9 51	9.51	*10.51*	Ko	1	..	40609b
24	5950	47.9	−19 30	7.09	8.0	Ko	..	5,8	**28**,215
25	6062	47.9	−20 8	9.2	10.2	Go	3	..	40582b
26	14095	47.9	−45 28	10.3	10.1	Go	2	..	39472b
27	13749	47.9	−46 6	10.1	10.1	G5	4	..	39472b
28	*13618*	47.9	−46 58	7.2	7.9	F8	7	..	39472b
29	11793	47.9	−52 29	7.16	7.3	G5	..	5,9	**56**,146
30	9768	47.9	−57 7	9.2	9.9	A3	3	..	39698b
31	*7439*	47.9	−59 58	*9.9*	10.5	Go	1	..	39698b
32	7438	47.9	−60 49	*9.1*	10.3	K5	1	..	19897b
33	*2962*	48.0	+52 1	7.10	*7.88*	G5	4	..	38796i
34	*3215*	48.0	+51 3	6.82	*7.10*	Fo	7	..	38796i
35	4438	48.0	+17 39	6.76	*7.54*	G5	7	..	38507i
36	5855	48.0	−12 28	9.2	*9.8*	Go	4	..	39479b
37	5875	48.0	−14 48	8.11	*8.89*	G5	7	..	39479b
38	6114	48.0	−17 16	9.2	*10.2*	Ko	3	..	40582b
39	15323	48.0	−26 42	7.6	8.2	F5	..	..	**28**,215
40	16275	48.0	−32 20	8.7	10.0	Ko	2	..	41063b
41	14188	48.0	−44 5	9.7	11.3	K2	2	..	39472b
42	*9765*	48.0	−53 58	7.05	7.7	Ko	7	..	42801b
43	3392	48.0	−68 4	*7.9*	8.9	Ko	8	..	20542b
44	627	48.1	+82 41	8.8	*8.9*	A5	3	..	37294i
45	756	48.1	+75 37	9.12	*10.12*	Ko	2	..	37266i
46	4184	48.1	+34 17	var.	var.	B2	4	3,4R	32009i
47	5407	48.1	− 5 32	9.05	*9.33*	Fo	5	..	40609b
48	5432	48.1	− 7 42	9.6	*10.2*	Go	2	..	40609b
49	5876	48.1	−14 26	9.8	*10.8*	Ko	1	..	39479b
50	6115	48.1	−17 37	9.8	*10.4*	Go	2	..	40582b
51	5803	48.1	−18 46	10.0	*11.0*	Ko	1	..	40582b
52	16569	48.1	−23 53	10.9	11.3	Go	2	..	40746b
53	16975	48.1	−28 18	6.46	7.5	Ma	5	5,8	37018b
54	15270	48.1	−33 14	8.7	10.0	Ko	1	..	41063b
55	14085	48.1	−40 18	7.17	8.0	Ko	7	..	40939b
56	13717	48.1	−48 26	9.9	11.6	Ko	3	..	39657b
57	1471	48.2	+64 13	8.6	*9.4*	G5	1	..	37401i
58	3202	48.2	+47 20	7.52	*8.52*	Ko	3	..	38796i
59	*4081*	48.2	+38 3	8.2	*9.2*	Ko	2	..	38508i
60	4065	48.2	+33 26	8.2	*8.2*	Ao	4	..	37912i
61	4401	48.2	+10 36	8.1	*8.6*	F8	6	..	14194b
62	4679	48.2	+ 6 20	8.4	*8.4*	Ao	2	..	38030i
63	4641	48.2	+ 5 40	9.1	*10.2*	K2	2	..	14194b
64	*4388*	48.2	+ 2 5	8.9	*9.2*	Fo	3	..	10252b
65	5857	48.2	−12 2	8.5	*9.0*	F8	4	..	40609b
66	6117	48.2	−17 6	9.6	*10.4*	G5	1	..	40582b
67	16339	48.2	−24 39	7.21	7.9	G5	8	..	40746b
68	15110	48.2	−27 52	9.9	9.7	Go	2	..	40633b
69	15272	48.2	−33 5	9.3	10.9	G5	1	..	41063b
70	13983	48.2	−37 16	8.7	9.3	F8	4	..	40939b
71	14255	48.2	−43 29	9.5	11.3	K2	2	..	39472b
72	14097	48.2	−45 33	9.7	10.1	F8	1	..	39472b
73	14098	48.2	−45 43	10.6	9.8	G5	3	..	39472b
74	11795	48.2	−52 6	*9.7*	10.7	Ko	1	..	42801b
75	9766	48.2	−54 13	*9.7*	10.2	F8	2	..	39458b
76	*2062*	48.3	+62 1	8.3	*8.3*	Ao	2	..	38795i
77	3399	48.3	+49 17	7.03	*8.10*	K2	5	..	38796i
78	*4289*	48.3	+37 8	8.4	*8.5*	A2	3	E	38508i
79	4302	48.3	+35 22	8.5	*9.7*	K5	1	..	37912i
80	4571	48.3	+ 7 58	8.4	*9.4*	Ko	1	..	14194b
81	4121	48.3	− 0 3	7.9	*9.0*	K2	2	..	10252b
82	5055	48.3	− 3 33	9.0	*9.0*	Ao	5	..	14193b
83	5615	48.3	− 6 37	9.1	*9.9*	G5	4	..	40609b
84	5454	48.3	−11 30	9.4	*10.0*	Go	2	..	40609b
85	*5785*	48.3	−12 57	9.4	*9.9*	F8	4	..	39479b
86	5786	48.3	−13 35	8.6	*9.4*	G5	6	..	39479b
87	14099	48.3	−45 45	9.1	9.2	Ko	6	..	39472b
88	12751	48.3	−51 21	10.1	11.6	G5	1	..	39458b
89	9964	48.3	−53 40	*9.5*	10.5	Ko	2	..	39458b
90	7792	48.3	−58 44	*9.1*	10.5	Mc	2	..	39698b
91	7440	48.3	−60 38	*9.9*	10.0	A2	2	..	19897b
92	3511	48.3	−66 18	*9.8*	10.3	F8	3	..	20542b
93	1365	48.3	−78 16	*9.0*	9.8	G5	4	..	19964b
94	727	48.4	+78 52	7.9	*8.9*	Ko	4	..	38512i
95	*2429*	48.4	+55 7	8.26	*8.02*	B	2	..	19317i
96	3746	48.4	+43 23	8.5	*8.6*	A3	2	..	37946i
97	4350	48.4	+39 35	8.8	*8.8*	Ao	1	..	38942i
98	4555	48.4	+ 8 56	8.7	*9.7*	Ko	2	..	14194b
99	5408	48.4	− 5 21	9.8	*10.9*	K2	2	..	40609b
100	5509	48.4	− 8 10	9.4	*10.2*	G5	1	..	40609b

198900 — $20^h\,48^m.4$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5878	48.4	−14 7	10.7	*11.5*	G5	1	..	39479b
2	5954	48.4	−19 22	7.49	8.0	Go	..	0,7	56,146
3	6064	48.4	−20 9	9.1	10.7	Ko	2	..	40582b
4	6063	48.4	−20 30	10.0	10.4	Ko	1	..	40582b
5	15325	48.4	−26 14	9.7	9.4	F5	3	..	40746b
6	15112	48.4	−27 0	10.4	10.3	F8	2	..	40633b
7	14256	48.4	−43 14	8.7	9.8	Go	7	..	39472b
8	13751	48.4	−46 36	9.7	9.8	F5	2	..	39472b
9	9565	48.4	−56 48	*10.0*	11.1	K2	1	..	39698b
10	*7793*	48.4	−57 57	7.6	9.1	G5	8	..	39698b
11	*6186*	48.4	−61 56	*9.2*	9.5	Fo	4	..	19897b
12	*3765*	48.4	−66 54	*9.8*	10.3	F8	3	..	20542b
13	1466	48.4	−76 48	*10.7*	10.7	Ao	2	..	19964b
14	2180	48.5	+58 55	8.8	*8.8*	Ao	3	..	38795i
15	3081	48.5	+46 21	7.30	*7.28*	B9	3	..	37878i
16	*4258*	48.5	+39 7	7.22	*7.28*	A2	7	..	38508i
17	4749	48.5	+20 24	8.2	*8.2*	Ao	3	..	38507i
18	*4461*	48.5	+15 3	8.84	*8.84*	Ao	2	..	38948i
19	4573	48.5	+ 7 26	8.5	*9.5*	Ko	2	..	14194b
20	4267	48.5	+ 2 38	7.56	*7.90*	F2	7	..	10252b
21	*5057*	48.5	− 2 54	9.0	*10.1*	K2	1	..	14193b
22	*5510*	48.5	− 7 59	9.2	*10.0*	G5	2	..	40609b
23	5858	48.5	−12 40	8.4	*8.9*	F8	7	..	39479b
24	*15326*	48.5	−25 57	7.52	8.8	Ko	7	..	40746b
25	14438	48.5	−35 15	8.7	9.7	K5	2	..	41063b
26	9771	48.5	−57 4	*9.9*	11.1	K5	2	..	39698b
27	7794	48.5	−58 32	*9.5*	10.3	G5	1	..	39698b
28	3393	48.5	−68 48	*7.4*	7.5	A2	10	..	20542b
29	1667	48.6	+63 28	8.2	*8.5*	Fo	4	..	37333i
30	2505	48.6	+53 42	8.1	*8.1*	Ao	4	0,3	37945i
31	*3747*	48.6	+44 3	9.0	*9.0*	B8	3	..	1338f
32	4247	48.6	+31 21	8.1	*9.2*	K2	1	..	37912i
33	4263	48.6	+24 32	6.91	*8.09*	K5	3	..	37940i
34	4281	48.6	+15 58	7.48	*7.54*	A2	5	..	38507i
35	4574	48.6	+ 7 42	9.5	*10.0*	F8	2	..	14194b
36	*5409*	48.6	− 4 58	9.05	*10.12*	K2	2	..	40609b
37	5787	48.6	−13 24	9.4	*9.9*	F8	3	..	39479b
38	*5561*	48.6	−21 50	9.2	10.2	Go	4	..	40746b
39	16982	48.6	−28 18	7.62	8.8	K2	6	..	40633b
40	15145	48.6	−42 3	9.0	10.9	K2	2	..	39472b
41	13718	48.6	−48 21	11.0	11.3	Go	3	..	39657b
42	7795	48.6	−58 36	*10.0*	10.3	Fo	2	..	39698b
43	7652	48.6	−59 39	7.71	8.8	Go	5	..	19897b
44	702	48.6	−83 41	9.31	10.0	Ko	2	..	21397b
45	3401	48.7	+49 19	8.7	*9.7*	Ko	1	..	38796i
46	3915	48.7	+28 57	8.0	*8.0*	B9	4	..	21671b
47	4643	48.7	+ 5 49	8.3	*9.5*	K5	3	..	14194b
48	4069	48.7	− 1 8	9.1	*10.3*	K5	1	..	14193b
49	5433	48.7	− 7 16	6.50	*6.78*	Fo	5	..	44061b
50	5511	48.7	− 8 22	9.2	*10.2*	Ko	3	..	40609b
51	5456	48.7	−11 18	7.12	*8.12*	Ko	8	..	40609b
52	5859	48.7	−12 14	10.3	*11.4*	K2	1	..	39479b
53	17418	48.7	−29 47	8.93	9.7	Ko	4	..	40633b
54	*14297*	48.7	−40 56	8.7	9.6	G5	2	..	40939b
55	12753	48.7	−51 12	9.2	10.1	Ko	3	..	39458b
56	9484	48.7	−55 36	7.8	8.7	Ko	8	..	39698b
57	3394	48.7	−68 31	*9.9*	10.4	F8	4	..	20542b
58	1942	48.7	−74 49	8.56	10.4	K5	2	..	19964b
59	2479	48.8	+55 59	7.9	*8.5*	Go	2	..	37945i
60	4292	48.8	+36 32	8.2	*8.2*	Ao	3	..	37912i
61	4193	48.8	+34 32	8.7	*9.9*	K5	1	..	37912i
62	*5410*	48.8	− 4 55	6.72	*6.80*	A3	9	0,4	14193b
63	5879	48.8	−14 7	10.0	*10.6*	Go	2	..	39479b
64	5880	48.8	−14 33	8.4	*9.2*	G5	5	..	39479b
65	*5562*	48.8	−21 52	10.0	10.2	Go	1	..	40746b
66	15327	48.8	−26 23	9.7	9.4	A5	3	..	40746b
67	9770	48.8	−54 15	8.05	9.4	Mb	6	..	39662b
68	3876	48.8	−65 9	*9.3*	10.3	Ko	3	..	20542b
69	3875	48.8	−65 19	*7.8*	8.8	Ko	7	..	20542b
70	3766	48.8	−67 39	*10.1*	10.4	F2	3	..	20542b
71	3146	48.8	−69 31	7.14	6.9	B9	5	..	43204b
72	840	48.8	−82 54	*8.4*	9.6	K5	2	..	21397b
73	3082	48.9	+46 24	10.0	*11.4*	Ma	..	..	M
74	3916	48.9	+41 36	7.8	*7.8*	Ao	3	..	37946i
75	4260	48.9	+38 26	8.0	*9.1*	K2	1	..	38942i
76	4221	48.9	+29 17	6.40	*7.47*	K2	6	0,5	21671i
77	3916	48.9	+28 46	7.7	*7.7*	Ao	5	..	21671i
78	4752	48.9	+20 33	7.90	*9.25*	Ma	1	..	38507i
79	4415	48.9	+11 19	8.0	*9.1*	K2	1	..	14194b
80	*4610*	48.9	+ 1 3	8.44	*9.62*	K5	1	..	10252b
81	5607	48.9	− 9 49	9.36	*10.36*	Ko	1	..	40609b
82	*5861*	48.9	−11 58	10.3	*10.9*	G	1	..	39479b
83	5788	48.9	−13 32	8.8	*9.2*	F5	6	..	39479b
84	5958	48.9	−19 14	8.7	8.4	Ao	4	..	40582b
85	5563	48.9	−22 13	9.2	9.0	A3	4	..	40746b
86	16985	48.9	−28 12	10.2	10.3	G5	2	..	40633b
87	14196	48.9	−44 51	9.01	9.2	A3	5	..	39472b
88	14102	48.9	−45 13	9.7	10.6	F8	2	..	39472b
89	11796	48.9	−52 0	9.3	10.4	G5	2	..	42801b
90	*5608*	49.0	− 8 53	8.6	*8.9*	F2	6	..	40609b
91	5609	49.0	− 9 12	9.2	*10.2*	Ko	4	..	40609b
92	5460	49.0	−11 12	9.1	*9.2*	A3	4	..	40609b
93	6120	49.0	−17 4	10.3	*11.1*	G5	1	..	40582b
94	5864	49.0	−21 20	7.90	7.9	A2	8	..	40582b
95	5564	49.0	−22 29	8.6	9.0	Ko	5	..	40746b
96	17422	49.0	−29 44	9.43	10.3	Ko	2	..	40633b
97	13989	49.0	−37 28	9.6	9.6	F2	2	..	40939b
98	14090	49.0	−40 35	8.7	9.5	G5	2	..	40939b
99	14091	49.0	−40 47	9.3	10.4	G5	1	..	40939b
100	*14103*	49.0	−44 57	7.06	8.6	K2	6	..	39472b

199000 20h 49m.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	13720	49.0	−48 26	9.5	9.2	Ao	6	..	39657b	51	7655	49.4	−59 7	*9.3*	10.3	Ko	2	..	39698b
2	13179	49.0	−50 24	9.0	10.4	Ko	3	..	39458b	52	7654	49.4	−59 46	8.56	8.8	A5	5	..	19897b
3	9772	49.0	−54 42	var.	var.	Md	2	R	39662b	53	3402	49.5	+49 24	8.6	*8.7*	A3	2	..	38796i
4	*3147*	49.0	−68 56	*9.5*	9.5	Ao	6	..	20542b	54	4354	49.5	+39 57	8.6	*8.6*	Ao	2	..	38942i
5	2812	49.0	−70 48	*7.5*	7.8	F2	7	..	42475b	55	4254	49.5	+31 15	6.90	*7.04*	A5	8	..	37912i
6	*3309*	49.1	+46 5	9.3	*9.3*	A	1	..	37946i	56	3905	49.5	+27 21	9.0	*9.0*	Ao	1	..	21671i
7	4196	49.1	+34 22	7.87	*7.85*	B9	4	..	37912i	57	4446	49.5	+17 39	7.7	*8.5*	G5	2	..	38507i
8	4552	49.1	+19 13	7.6	*7.7*	A3	4	..	38507i	58	4561	49.5	+ 8 40	8.9	*9.7*	G5	2	..	14194b
9	5514	49.1	− 8 31	9.4	*10.2*	G5	2	..	40609b	59	5725	49.5	−16 30	9.4	*10.4*	Ko	1	..	40582b
10	5461	49.1	−11 35	9.1	*9.9*	G5	2	..	40609b	60	5567	49.5	−22 30	8.4	9.3	G5	5	..	40746b
11	*5722*	49.1	−15 55	9.6	*10.2*	Go	2	..	40582b	61	16357	49.5	−24 37	8.3	9.2	Ko	3	..	40746b
12	5805	49.1	−18 18	5.91	*6.91*	Ko	10	..	40582b	62	17940	49.5	−31 16	7.64	9.1	K2	4	..	40732b
13	5804	49.1	−18 32	9.4	*10.0*	Go	2	..	40582b	63	13724	49.5	−48 13	11.0	11.6	Ao	3	..	39657b
14	5960	49.1	−19 10	6.66	7.2	Fo	..	0,9	56,146	64	9485	49.5	−55 1	*9.6*	10.2	Go	3	..	39662b
15	15119	49.1	−27 50	9.2	10.0	Ko	2	..	40633b	65	7657	49.5	−59 27	8.4	8.9	G5	5	..	19897b
16	16988	49.1	−28 52	9.1	9.1	Go	5	..	40633b	66	936	49.5	−81 47	8.03	8.7	Ko	5	..	21397b
17	18268	49.1	−30 30	7.9	8.8	Go	5	..	40732b	67	2433	49.6	+54 40	6.70	*6.76*	A2	8	..	37945i
18	14300	49.1	−41 53	9.0	10.4	F8	3	..	39472b	68	2432	49.6	+54 16	8.7	*10.1*	Ma	..	..	M
19	1033	49.2	+71 24	8.2	*9.0*	G5	3	5,1	38936i	69	*3615*	49.6	+45 6	8.32	*8.32*	A	1	..	37878i
20	3220	49.2	+50 15	8.57	*8.63*	A2	2	..	38796i	70	4263	49.6	+38 58	8.4	*9.4*	Ko	1	..	38942i
21	3894	49.2	+42 14	8.5	*8.3*	B3	3	..	1338f	71	4199	49.6	+34 51	7.87	*7.85*	B9	3	..	37912i
22	4754	49.2	+20 53	8.0	*8.3*	Fo	2	..	38507i	72	4555	49.6	+19 23	7.40	*8.40*	Ko	5	..	38507i
23	*4646*	49.2	+19 5	8.4	*8.7*	Fo	1	..	38507i	73	4403	49.6	+10 41	8.3	*9.3*	Ko	3	..	14194b
24	4451	49.2	+ 3 34	8.5	*9.6*	K2	3	..	10252b	74	4122	49.6	− 0 32	8.5	*9.1*	Go	3	..	14193b
25	5435	49.2	− 7 34	9.2	*9.7*	F8	4	..	40609b	75	5411	49.6	− 5 47	9.2	*9.3*	A2	3	..	40609b
26	*5883*	49.2	−13 51	10.4	*11.0*	Go	2	..	39479b	76	5517	49.6	− 8 11	8.6	*9.6*	Ko	6	..	40609b
27	5882	49.2	−14 12	9.2	*9.7*	F8	5	..	39479b	77	5865	49.6	−21 30	9.2	10.2	Ko	1	..	40746b
28	*5806*	49.2	−17 59	10.0	*11.1*	K2	1	..	40582b	78	15337	49.6	−26 44	10.9	10.1	Go	3	..	40633b
29	5565	49.2	−22 42	9.4	9.6	G5	2	..	40746b	79	18269	49.6	−30 30	8.5	9.2	A5	4	..	40732b
30	15149	49.2	−42 48	9.7	11.3	F8	1	..	39472b	80	7796	49.6	−58 33	*9.6*	10.6	Ko	1	..	39698b
31	14198	49.2	−44 17	10.6	11.3	A2	2	..	39472b	81	*3755*	49.7	+44 0	4.68	*4.51*	B3	..	2,10	56,99
32	13629	49.2	−47 44	9.5	10.6	Ko	3	..	39657b	82	4310	49.7	+35 42	9.1	*9.2*	A2	1	..	38942i
33	3767	49.2	−67 8	*7.8*	8.8	Ko	7	..	20542b	83	4420	49.7	+11 41	7.90	*8.97*	K2	4	..	14194b
34	*5619*	49.3	− 5 51	8.2	*9.2*	Ko	6	..	40609b	84	4454	49.7	+ 3 13	7.7	*8.9*	K5	3	..	10252b
35	5611	49.3	− 9 15	7.02	*8.02*	Ko	..	0,7	56,146	85	4073	49.7	− 1 44	7.77	*8.19*	F5	7	..	14193b
36	*5884*	49.3	−13 50	10.3	*10.9*	Go	2	..	39479b	86	5437	49.7	− 7 33	7.8	*8.4*	Go	7	..	40609b
37	16583	49.3	−23 14	8.5	10.1	Ko	3	..	40746b	87	*6123*	49.7	−16 56	9.2	*9.8*	Go	2	..	40582b
38	17423	49.3	−29 12	9.2	10.0	F5	3	..	40633b	88	6125	49.7	−17 3	9.6	*9.9*	Fo	2	..	40582b
39	7653	49.3	−59 25	*9.7*	9.7	Ao	4	..	39698b	89	15126	49.7	−27 49	9.1	10.0	F8	3	..	40633b
40	1468	49.3	−76 25	*9.5*	10.7	K5	2	..	19964b	90	17943	49.7	−31 53	7.62	7.7	Ao	8	..	40732b
41	841	49.3	−82 55	*9.3*	10.1	G5	1	..	21397b	91	*16296*	49.7	−31 56	7.63	9.1	G5	5	..	40732b
42	4218	49.4	+30 34	7.76	*7.74*	B9	5	..	37912i	92	14734	49.7	−34 46	9.0	9.7	F5	2	..	40732b
43	4266	49.4	+24 14	8.6	*8.9*	F2	2	..	21671i	93	*9774*	49.7	−53 57	*9.8*	10.8	Ko	1	..	39458b
44	4231	49.4	+22 21	8.6	*8.9*	F2	1	..	37940i	94	6517	49.7	−61 7	9.1	9.1	Fo	4	..	19897b
45	4072	49.4	− 1 6	9.1	*9.5*	F5	3	..	14193b	95	*718*	49.8	+82 10	5.69	*5.69*	Ao	..	0,10	56,99
46	5516	49.4	− 8 34	8.6	*9.0*	F5	7	..	40609b	96	1669	49.8	+63 24	8.7	*8.8*	A2	3	..	38795i
47	5833	49.4	−15 39	7.66	*7.80*	A5	7	..	39479b	97	*2291*	49.8	+60 0	8.46	*8.96*	F8	2	..	38795i
48	15334	49.4	−26 29	9.1	10.0	Ko	4	..	40633b	98	3617	49.8	+44 48	5.59	*6.59*	Ko	..	0,7	56,99
49	15150	49.4	−42 51	9.3	10.9	Go	2	..	39472b	99	*3922*	49.8	+42 2	6.47	*6.47*	Ao	7	..	37878i
50	*7656*	49.4	−58 56	*10.5*	10.6	A5	2	..	39698b	100	4311	49.8	+35 46	8.0	*8.6*	Go	3	..	38942i

199100 — 20h 49m.8

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	*3980*	49.8	+33 3	5.68	*6.75*	K2	7	..	37912i
2	*3920*	49.8	+29 7	7.56	*7.54*	B9	4	..	21671i
3	*4404*	49.8	+11 4	7.5	*8.5*	Ko	4	..	14194b
4	4074	49.8	− 1 6	8.1	*8.5*	F5	6	..	14193b
5	*5400*	49.8	− 1 57	9.2	*10.2*	Ko	2	..	14193b
6	*5624*	49.8	− 5 52	9.6	*10.8*	K5	1	..	40609b
7	5728	49.8	−16 26	9.4	*10.2*	G5	2	..	40582b
8	5963	49.8	−19 20	9.2	9.4	Ao	3	..	40582b
9	14736	49.8	−34 22	8.4	9.4	Ko	4	..	41063b
10	9775	49.8	−54 30	*9.6*	10.2	Go	3	0,2	39458b
11	..	49.8	−66 17	..	..	F8	2	..	20542b
12	4076	49.9	+33 13	8.4	*8.4*	Ao	4	..	37912i
13	4225	49.9	+30 55	9.0	*9.0*	A	1	..	37912i
14	4269	49.9	+ 2 40	7.9	*8.9*	Ko	4	..	10252b
15	5790	49.9	−13 39	8.6	*9.0*	F5	6	..	39479b
16	*5835*	49.9	−14 59	8.70	*8.84*	A5	7	..	39479b
17	6070	49.9	−20 12	9.0	9.6	A5	4	..	40582b
18	14303	49.9	−41 34	9.4	10.1	Ko	3	..	39472b
19	13268	49.9	−49 3	7.7	8.6	A3	9	..	39657b
20	2183	50.0	+58 16	7.56	*8.56*	Ko	3	..	37945i
21	3317	50.0	+45 39	9.0	*9.0*	A	1	..	37945i
22	4346	50.0	+40 40	7.32	*7.38*	A2	3	..	37878i
23	4402	50.0	+21 19	8.1	*8.2*	A2	1	..	38507i
24	4075	50.0	− 1 45	6.58	*6.86*	Fo	4	5,10	22768b
25	5412	50.0	− 5 40	10.4	*11.0*	Go	2	..	40609b
26	5626	50.0	− 6 8	9.51	*10.58*	K2	2	..	40609b
27	5519	50.0	− 8 16	9.2	*9.7*	F8	5	..	40609b
28	5463	50.0	−11 42	8.0	*9.0*	Ko	5	..	40609b
29	5864	50.0	−12 28	9.6	*10.4*	G5	2	..	39479b
30	*13765*	50.0	−45 56	10.6	10.6	Ko	1	..	39472b
31	13181	50.0	−50 54	9.1	10.1	F8	4	..	39458b
32	4086	50.0	−64 42	*9.0*	9.1	A3	5	..	20542b
33	1673	50.0	−75 48	*8.2*	8.3	A3	7	..	42475b
34	1469	50.0	−76 44	*10.0*	10.4	F5	2	..	19964b
35	354	50.1	+85 18	7.91	*8.91*	Ko	3	..	37294i
36	2504	50.1	+56 13	7.49	*7.44*	B8	5	..	37945i
37	*3622*	50.1	+45 0	8.47	*9.47*	K	1	..	37946i
38	3621	50.1	+44 48	8.3	*8.3*	Ao	2	..	37878i
39	3921	50.1	+28 36	8.0	*8.3*	Fo	3	..	21671i
40	*3909*	50.1	+28 8	6.44	*6.27*	B3	7	..	21671i
41	4393	50.1	+ 1 26	6.73	*7.07*	F2	9	..	10252b
42	5865	50.1	−12 10	8.7	*9.3*	Go	3	..	40609b
43	6127	50.1	−17 29	7.13	*7.69*	Go	8	..	40582b
44	*5966*	50.1	−18 58	8.2	7.7	Ao	5	..	40582b
45	5965	50.1	−19 25	9.4	11.0	K2	1	..	40582b
46	16592	50.1	−23 39	9.5	11.0	Go	2	..	40746b
47	16302	50.1	−32 9	8.5	9.1	F8	4	..	40732b
48	16305	50.1	−32 39	9.0	10.3	F8	1	..	41063b
49	15292	50.1	−33 9	8.0	10.0	K2	3	..	41063b
50	13997	50.1	−37 43	8.5	8.8	F5	7	..	40939b
51	13270	50.1	−49 9	9.5	11.3	K5	1	..	39657b
52	*6189*	50.1	−61 59	*8.8*	9.2	F5	4	..	19897b
53	3148	50.1	−69 17	*9.9*	10.7	G5	1	..	20542b
54	3214	50.2	+47 53	7.09	*7.23*	A5	6	..	37946i
55	4410	50.2	+25 16	8.96	*10.03*	K2	1	..	21671i
56	*4692*	50.2	+ 7 8	7.40	*7.74*	F2	8	..	14194b
57	4273	50.2	+ 2 52	9.1	*10.3*	K5	1	..	10252b
58	5627	50.2	− 6 25	9.4	*10.4*	Ko	4	..	40609b
59	5615	50.2	− 9 5	9.2	*10.2*	Ko	2	..	40609b
60	5465	50.2	−11 16	9.2	*9.8*	Go	3	..	40609b
61	5791	50.2	−13 15	8.0	*8.3*	F2	7	..	39479b
62	17434	50.2	−29 27	8.5	9.7	Ko	4	..	40633b
63	15293	50.2	−33 41	8.7	9.8	F5	3	..	41063b
64	13767	50.2	−46 25	10.6	10.1	F5	4	..	39657b
65	9486	50.2	−55 49	9.2	10.5	F8	2	..	39698b
66	2506	50.3	+56 37	8.1	*8.6*	F8	1	..	37945i
67	*3405*	50.3	+50 6	8.47	*9.03*	G	1	..	38796i
68	3320	50.3	+45 37	8.1	*8.7*	G	2	E	37946i
69	3911	50.3	+27 41	5.24	*6.42*	K5	8	3,7	37940i
70	4452	50.3	+17 16	var.	var.	Md	2	R	38948i
71	5303	50.3	− 4 12	8.6	*9.8*	K5	2	..	14193b
72	5793	50.3	−13 48	9.1	*9.5*	F5	5	..	39479b
73	15127	50.3	−25 34	9.2	9.7	F5	3	..	40746b
74	14100	50.3	−40 50	8.7	10.1	Ko	2	..	40939b
75	15156	50.3	−42 34	10.1	11.7	K2	1	..	39472b
76	14205	50.3	−44 2	8.7	10.1	Mb	4	..	39472b
77	13271	50.3	−49 19	9.3	10.4	G5	4	..	39657b
78	*3759*	50.4	+44 0	7.56	*8.34*	G5	2	..	37878i
79	4350	50.4	+40 31	8.5	*8.5*	Ao	2	..	38942i
80	4401	50.4	+16 52	7.69	*7.69*	Ao	5	..	38507i
81	5441	50.4	− 7 5	9.6	*9.6*	Ao	4	..	40609b
82	5468	50.4	−11 26	9.6	*10.0*	F5	3	..	39479b
83	5838	50.4	−15 41	8.4	*9.6*	K5	3	..	39479b
84	5967	50.4	−19 25	9.1	10.2	Ko	2	..	40582b
85	16306	50.4	−32 24	9.4	9.7	F5	2	..	41063b
86	14742	50.4	−34 3	9.0	9.7	F8	3	..	41063b
87	14304	50.4	−38 49	9.4	10.7	Ao	2	..	40944b
88	9776	50.4	−57 12	*10.2*	10.5	Fo	2	..	39698b
89	*4624*	50.4	−62 57	*8.1*	8.2	A5	7	..	19897b
90	*2814*	50.4	−69 57	6.84	7.8	G5	9	..	19966b
91	*2511*	50.5	+54 8	7.16	*8.16*	Ko	4	..	37945i
92	4650	50.5	+18 54	8.9	*8.9*	Ao	1	..	38507i
93	4411	50.5	+10 19	9.3	*10.3*	K	1	..	14194b
94	4671	50.5	+ 9 20	7.36	*7.70*	F2	8	..	14194b
95	5304	50.5	− 4 30	8.8	*9.6*	G5	2	..	14193b
96	5442	50.5	− 7 30	9.6	*10.2*	Go	2	..	40609b
97	6129	50.5	−17 37	7.63	*8.63*	Ko	7	..	40582b
98	16367	50.5	−24 19	9.2	10.1	K5	2	..	40746b
99	15134	50.5	−27 35	8.5	10.1	K2	2	..	40633b
100	9571	50.5	−56 20	8.4	9.6	G5	6	..	39698b

199200 — 20h 50m.5

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	7797	50.5	−58 53	8.7	9.4	G5	4	..	19897b
2	7658	50.5	−59 18	*10.0*	10.3	F2	3	..	39698b
3	388	50.5	−86 52	*9.1*	10.5	Ma	3	..	22980b
4	2173	50.6	+60 19	8.16	*8.50*	F2	3	..	38795i
5	2185	50.6	+58 48	8.6	*8.6*	Ao	1	..	37945i
6	3624	50.6	+44 44	7.42	*7.40*	B9	5	1,3	37946i
7	4454	50.6	+17 23	8.3	*8.7*	F5	3	..	38812i
8	5470	50.6	−11 10	9.8	*10.3*	F8	2	..	39479b
9	*5869*	50.6	−11 59	9.0	*9.5*	F8	5	..	39479b
10	*6073*	50.6	−19 58	9.4	10.2	G5	2	..	40582b
11	6074	50.6	−20 45	10.0	11.0	A	1	..	40746b
12	13272	50.6	−49 0	8.7	10.1	G5	5	..	39657b
13	9572	50.6	−56 14	9.1	9.7	Go	4	..	39698b
14	1161	50.7	+68 39	8.6	*9.6*	Ko	1	..	38573i
15	2256	50.7	+57 39	9.1	*9.7*	Go	1	..	19317i
16	*3242*	50.7	+49 9	7.13	*6.94*	B2	5	..	38796i
17	*3216*	50.7	+48 3	7.8	*7.8*	Ao	6	..	37946i
18	4354	50.7	+40 20	6.48	*6.43*	B8	..	1,5	56,99
19	4101	50.7	+37 54	9.1	*10.5*	Ma	1	..	16270m
20	3984	50.7	+32 19	7.38	*7.94*	Go	4	..	37912i
21	3915	50.7	+27 42	8.0	*8.8*	G5	2	..	21671i
22	4568	50.7	+ 8 24	8.9	*9.2*	F2	3	..	14194b
23	*4461*	50.7	+ 4 9	6.04	*6.60*	Go	7	R	38030i
24	4077	50.7	− 1 43	9.8	*10.3*	F8	2	..	14193b
25	5305	50.7	− 4 4	9.1	*9.6*	F8	4	..	14193b
26	*5871*	50.7	−20 58	9.2	10.2	Go	2	..	40746b
27	14746	50.7	−34 23	7.26	7.9	F5	9	..	41063b
28	13183	50.7	−50 43	9.7	11.0	F5	2	..	39458b
29	7443	50.7	−60 23	*9.8*	10.3	F8	2	..	39698b
30	6190	50.7	−62 11	*8.9*	10.3	Mb	1	..	19897b
31	2815	50.7	−70 6	*9.5*	10.7	K5	1	..	19966b
32	760	50.8	+75 32	8.52	*9.52*	Ko	2	..	37266i
33	2508	50.8	+56 29	8.5	*8.5*	Ao	2	..	37945i
34	4314	50.8	+36 42	7.24	*7.24*	Ao	8	..	37912i
35	4083	50.8	+33 58	8.0	*8.0*	B9	2	..	37912i
36	4415	50.8	+25 30	8.5	*8.5*	Ao	2	..	37940i
37	4241	50.8	+22 49	8.5	*8.6*	A3	1	..	37940i
38	*4275*	50.8	+ 3 0	8.5	*8.6*	A5	5	..	10252b
39	5523	50.8	− 8 6	8.4	*9.4*	Ko	6	..	40609b
40	*14749*	50.8	−33 59	9.0	10.2	K2	1	..	41063b
41	14751	50.8	−34 29	9.4	9.7	F8	2	..	41063b
42	*14005*	50.8	−36 56	8.8	9.9	Ko	3	..	40944b
43	14310	50.8	−38 21	8.1	10.4	Ko	2	..	40944b
44	14311	50.8	−38 47	8.7	10.7	K2	1	..	40944b
45	14310	50.8	−41 28	8.4	8.7	F5	7	..	39472b
46	13635	50.8	−47 20	10.3	10.6	A5	2	..	39657b
47	13727	50.8	−48 26	10.1	10.1	A2	4	..	39657b
48	9574	50.8	−56 19	9.1	9.7	F8	4	..	39698b
49	7659	50.8	−59 1	9.1	9.2	F8	3	..	19897b
50	6518	50.8	−61 13	*9.3*	10.3	Ko	1	..	19897b
51	4085	50.9	+33 22	7.40	*8.75*	Ma	2	..	37912i
52	*4231*	50.9	+30 2	var.	var.	Md	..	R	M
53	4572	50.9	+13 21	5.39	*6.39*	Ko	8	..	37938i
54	4501	50.9	+12 12	5.54	*5.60*	A2	9	..	37938i
55	4580	50.9	+ 7 18	7.44	*8.22*	G5	6	..	14194b
56	*5547*	50.9	− 9 51	10.0	*10.0*	Ao	2	..	40609b
57	5471	50.9	−11 31	10.3	*10.8*	F8	2	..	39479b
58	5840	50.9	−15 24	10.3	*10.3*	Ao	2	..	40582b
59	*5733*	50.9	−15 52	9.4	*10.5*	K2	1	..	39479b
60	15344	50.9	−26 41	5.77	6.5	F8	..	0,9	28,215
61	15137	50.9	−27 33	9.7	10.0	F5	4	..	40633b
62	15138	50.9	−27 38	8.7	10.0	Ko	3	..	40633b
63	14115	50.9	−45 25	9.9	11.3	K2	1	..	39472b
64	13770	50.9	−46 39	8.9	9.5	Fo	5	..	39657b
65	1947	50.9	−74 52	*10.6*	10.6	Ao	2	..	19964b
66	*4564*	51.0	+20 1	7.35	*8.42*	K2	3	..	38507i
67	*4581*	51.0	+ 8 3	8.9	*9.2*	Fo	3	..	14194b
68	4696	51.0	+ 6 24	8.4	*9.2*	G5	3	..	14194b
69	4651	51.0	+ 5 58	8.3	*8.6*	F2	6	..	14194b
70	5472	51.0	−11 41	10.0	*10.5*	F8	1	..	39479b
71	15139	51.0	−27 13	9.9	10.3	F8	3	..	40633b
72	18286	51.0	−30 33	9.2	10.3	Ko	2	..	40633b
73	13771	51.0	−46 51	9.1	9.8	F8	3	..	39657b
74	9575	51.0	−56 11	*9.7*	10.2	F8	3	..	39698b
75	2816	51.0	−70 0	8.50	9.3	K2	4	..	19966b
76	*3410*	51.1	+50 8	8.02	*9.02*	Ko	2	..	38796i
77	4276	51.1	+24 51	8.0	*8.3*	F2	2	..	37940i
78	4414	51.1	+10 30	8.3	*8.8*	F8	3	..	14194b
79	4126	51.1	− 0 46	8.1	*9.3*	K5	4	..	14193b
80	*5307*	51.1	− 3 57	6.47	*6.45*	B9	7	..	23752b
81	5417	51.1	− 5 18	9.1	*10.3*	K5	2	..	40609b
82	5446	51.1	− 7 16	9.8	*9.8*	Ao	3	..	40609b
83	5445	51.1	− 7 39	8.4	*9.8*	Ma	3	..	40609b
84	6076	51.1	−20 25	9.6	10.2	G	2	..	40746b
85	5572	51.1	−22 23	7.53	8.7	Ko	7	..	40746b
86	18288	51.1	−30 18	9.7	10.6	G5	2	..	40633b
87	14213	51.1	−44 24	8.7	9.5	Go	4	..	39472b
88	14214	51.1	−44 29	6.64	7.0	Go	10	R	39472b
89	13728	51.1	−48 34	8.1	8.9	F8	7	..	39657b
90	3243	51.2	+48 33	8.1	*8.2*	A2	4	..	37946i
91	4234	51.2	+29 23	9.1	*9.2*	A2	2	..	21671i
92	4408	51.2	+21 20	7.8	*7.9*	A5	3	..	38507i
93	4404	51.2	+16 54	8.3	*8.4*	A2	3	..	38507i
94	4575	51.2	+13 31	8.6	*8.7*	A3	2	..	37938i
95	5734	51.2	−16 14	8.0	*8.1*	A2	6	..	39479b
96	6130	51.2	−17 5	9.4	*10.5*	K2	1	..	40582b
97	16377	51.2	−24 3	9.4	9.4	Go	4	..	40746b
98	16375	51.2	−24 12	10.9	10.1	Go	1	..	40746b
99	16376	51.2	−24 34	9.1	9.1	G5	4	..	40746b
100	13638	51.2	−47 15	10.3	11.0	Go	2	..	39657b

199300 — $20^h 51^m.2$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	13637	51.2	−47 21	10.1	11.5	K2	1	..	39657b
2	13636	51.2	−47 49	9.5	10.1	G5	4	..	39657b
3	13729	51.2	−48 27	var.	var.	Ko	2	R	39657b
4	9776	51.2	−54 45	9.10	10.2	K2	3	..	39662b
5	2068	51.3	+61 49	8.6	*9.7*	K2	..	..	M
6	2187	51.3	+58 56	6.82	*7.16*	F2	5	R	19317i
7		51.3	+58 56			A2			
8	2486	51.3	+55 58	7.61	*7.44*	B3	4	..	37945i
9	3220	51.3	+47 22	9.0	*9.0*	Ao	2	..	37946i
10	3102	51.3	+46 53	8.6	*9.4*	G5	2	..	37946i
11	3326	51.3	+45 51	6.66	*6.66*	Ao	7	..	37878i
12	3628	51.3	+44 45	8.5	*8.5*	B9	3	..	37878i
13	3928	51.3	+41 25	8.9	*8.9*	Ao	2	..	38942i
14	3929	51.3	+41 12	7.8	*8.9*	K2	2	..	38942i
15	4356	51.3	+40 57	8.6	*8.6*	Ao	2	..	38942i
16	4277	51.3	+38 50	8.0	*9.1*	K2	1	..	38942i
17	3989	51.3	+32 18	7.20	*8.27*	K2	3	..	37912i
18	*4475*	51.3	+15 1	8.29	*8.29*	Ao	4	*1,7*	38948i
19	4503	51.3	+12 53	8.9	*9.4*	F8	1	E	38129i
20	4571	51.3	+ 8 53	7.14	*8.32*	K5	5	..	14194b
21	*5408*	51.3	− 1 57	9.6	*10.1*	F8	2	..	14193b
22	*5630*	51.3	− 5 51	9.6	*9.9*	Fo	4	..	40609b
23	5448	51.3	− 7 20	8.0	*8.1*	A5	7	..	40609b
24	*5811*	51.3	−17 54	9.4	*10.6*	K5	2	..	40582b
25	17011	51.3	−28 43	8.7	8.9	F5	7	..	40633b
26	13730	51.3	−48 28	10.3	11.6	Go	2	..	39657b
27	12764	51.3	−51 1	10.1	11.6	G5	2	..	39458b
28	9777	51.3	−57 33	*10.3*	10.8	F8	2	..	39698b
29	967	51.4	+72 34	8.02	*8.52*	F8	3	..	38936i
30	2259	51.4	+57 36	9.8	*9.8*	A	1	..	19317i
31	2509	51.4	+56 47	7.26	*7.26*	Ao	7	..	37945i
32	2514	51.4	+53 23	8.13	*9.31*	K5	1	..	19317i
33	4459	51.4	+17 28	8.3	*8.8*	F8	2	..	38812i
34	4079	51.4	− 1 27	8.3	*9.1*	G5	6	..	14193b
35	5409	51.4	− 2 20	9.1	*9.7*	Go	4	..	14193b
36	5421	51.4	− 5 21	9.6	*10.6*	Ko	2	..	40609b
37	5551	51.4	−10 19	8.8	*9.2*	F5	5	..	40609b
38	5550	51.4	−10 42	8.8	*9.8*	Ko	4	..	40609b
39	15145	51.4	−27 50	9.9	10.0	A5	2	..	40633b
40	14120	51.4	−45 18	9.3	9.8	Ao	5	..	39472b
41	12766	51.4	−51 21	10.1	11.6	K2	1	..	39458b
42	4626	51.4	−63 15	*7.1*	8.2	K2	7	..	19897b
43	*4770*	51.5	+21 1	8.6	*8.7*	A5	1	..	38507i
44	4396	51.5	+ 1 25	9.1	*9.4*	F2	5	..	10252b
45	5553	51.5	−10 5	5.68	*6.75*	K2	..	0,9	**56**,146
46	*5474*	51.5	−10 59	9.6	*10.0*	F5	2	..	39479b
47	5573	51.5	−22 1	9.2	9.4	A3	5	..	40746b
48	16379	51.5	−24 13	7.7	7.4	F5	8	..	40746b
49	14314	51.5	−38 6	8.5	9.2	Ao	4	..	40939b
50	14043	51.5	−39 4	9.4	10.4	F8	2	..	40944b
51	14312	51.5	−41 50	9.4	10.4	Go	1	..	39472b
52	9576	51.5	−56 45	9.3	10.4	Ko	2	..	39698b
53	2186	51.5	−73 29	*9.6*	10.7	K2	1	..	19966b
54	2070	51.6	+61 23	7.18	*7.46*	Fo	6	..	38795i
55	*3932*	51.6	+42 8	6.89	*6.87*	B9	5	..	37878i
56	4368	51.6	+39 55	7.02	*6.78*	Bop	5	R	38942i
57	4089	51.6	+33 38	8.04	*9.04*	Ko	1	..	37912i
58	4267	51.6	+31 47	7.8	*7.9*	A2	3	..	37912i
59	3935	51.6	+28 19	8.0	*8.4*	F5	3	..	21671i
60	*4772*	51.6	+21 3	7.8	*7.9*	A5	5	*2,3*	38507i
61	4572	51.6	+ 8 37	8.9	*9.4*	F8	2	..	14194b
62	4618	51.6	+ 0 26	8.9	*8.9*	Ao	4	..	10252b
63	5311	51.6	− 4 4	7.32	*8.32*	Ko	6	..	14193b
64	5633	51.6	− 6 22	10.3	*11.4*	K2	1	..	40609b
65	5738	51.6	−16 6	9.1	*10.3*	K5	1	..	40582b
66	5739	51.6	−16 34	8.6	*8.6*	Ao	4	..	40582b
67	5969	51.6	−19 10	9.0	8.7	Ao	4	..	40582b
68	15146	51.6	−27 26	9.1	10.0	Go	4	..	40633b
69	17963	51.6	−31 13	8.9	10.3	Ko	2	..	40633b
70	14506	51.6	−36 50	9.0	10.2	Go	3	..	40944b
71	13281	51.6	−49 22	10.6	11.6	G5	2	..	39657b
72	3397	51.6	−68 39	*9.3*	9.8	F8	4	..	20542b
73	3762	51.7	+43 24	7.64	*8.06*	F5	2	..	37878i
74	4268	51.7	+31 43	7.6	*8.6*	Ko	1	..	37912i
75	3924	51.7	+27 12	6.76	*7.76*	Ko	5	..	37940i
76	4405	51.7	+16 39	9.8	*10.9*	K2	2	..	6444m
77	*4294*	51.7	+16 2	9.8	*10.1*	F2	2	..	6444m
78	4478	51.7	+14 27	7.53	*8.53*	Ko	7	R	6444m
79		51.7	+14 27			A2			
80	4574	51.7	+ 8 27	9.1	*10.5*	Mb	..	..	M
81	4397	51.7	+ 1 21	7.06	*8.06*	Ko	8	..	10252b
82	*5450*	51.7	− 6 52	8.6	*8.7*	A2	6	..	40609b
83	5617	51.7	− 9 12	9.4	*10.4*	Ko	3	..	40609b
84	5842	51.7	−15 20	9.2	*9.7*	F8	3	..	40582b
85	5815	51.7	−18 14	9.8	*10.8*	Ko	1	..	40582b
86	17014	51.7	−28 8	8.2	8.6	A2	7	..	40633b
87	14044	51.7	−39 22	8.7	9.8	Ko	3	..	40944b
88	14218	51.7	−44 8	8.9	9.8	Go	4	..	39472b
89	13641	51.7	−47 45	9.5	11.3	G5	3	..	39657b
90	7660	51.7	−59 14	8.2	9.1	Ko	4	..	19897b
91	938	51.7	−81 5	7.28	7.5	A5	10	..	21397b
92	968	51.8	+72 40	8.12	*8.18*	A2	4	0,2	38936i
93	2441	51.8	+54 13	8.2	*8.2*	Ao	2	..	37945i
94	3327	51.8	+45 58	7.09	*8.09*	Ko	3	..	37878i
95	3907	51.8	+42 59	6.99	*8.17*	K5	3	..	37878i
96	4371	51.8	+39 14	8.6	*8.7*	A5	2	..	38942i
97	4282	51.8	+38 31	7.7	*7.7*	Ao	3	..	37912i
98	4244	51.8	+22 12	7.88	*7.94*	A2	3	..	37940i
99	4479	51.8	+14 18	7.43	*8.61*	K5	6	*3,1*	6444m
100	*4130*	51.8	+ 0 7	7.83	*8.83*	Ko	4	..	10252b

199400 — $20^h 51^m.8$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4129	51.8	− 0 28	8.5	*8.5*	Ao	5	..	14193b
2	5634	51.8	− 6 35	9.4	*10.4*	Ko	2	..	40609b
3	5893	51.8	−14 11	9.2	*10.2*	Ko	2	..	39479b
4	*6133*	51.8	−16 50	9.4	*9.9*	F8	3	..	40582b
5	5816	51.8	−18 7	9.0	*10.4*	Mb	2	..	40582b
6	5970	51.8	−19 19	9.4	10.0	Fo	2	..	40582b
7	16382	51.8	−24 52	8.28	8.2	F5	7	..	40746b
8	15138	51.8	−25 16	8.2	10.0	K2	3	..	40746b
9	15147	51.8	−27 51	9.1	10.3	G5	1	..	40633b
10	14759	51.8	−34 2	8.7	9.4	Go	4	..	41063b
11	14122	51.8	−45 6	10.3	11.0	Ko	1	..	39472b
12	*13282*	51.8	−48 57	11.0	11.6	K2	1	..	39657b
13	3512	51.8	−66 27	*9.6*	10.2	Go	3	..	20542b
14	704	51.8	−83 27	*9.4*	10.0	Go	1	..	21397b
15	*3108*	51.9	+47 6	8.9	*9.0*	A2	2	..	37946i
16	3631	51.9	+44 54	8.5	*8.6*	A2	1	..	37946i
17	3633	51.9	+44 28	9.3	*9.4*	A2	2	..	37946i
18	3936	51.9	+28 11	8.5	*8.5*	Ao	2	..	21671i
19	4406	51.9	+16 51	9.3	*10.5*	K5	2	..	6444m
20	4295	51.9	+15 20	9.1	*9.6*	F8	2	..	6444m
21	5315	51.9	− 4 23	9.2	*9.2*	Ao	3	..	14193b
22	5451	51.9	− 7 49	9.6	*10.2*	Go	2	..	40609b
23	6079	51.9	−20 26	9.2	10.2	G5	2	..	40582b
24	15350	51.9	−26 37	9.1	9.7	K2	5	..	40633b
25	14220	51.9	−44 8	9.1	10.1	F8	3	..	39472b
26	4271	52.0	+31 59	9.1	*9.1*	Ao	1	..	37912i
27	4507	52.0	+12 38	7.9	*8.2*	F2	4	..	38129i
28	4429	52.0	+11 30	8.7	*8.8*	A2	1	..	38129i
29	4082	52.0	− 1 47	8.82	*8.82*	Ao	6	..	14193b
30	5971	52.0	−19 5	9.2	9.4	F5	2	..	40582b
31	*5576*	52.0	−21 57	8.4	8.7	F5	6	..	40746b
32	*14320*	52.0	−37 57	8.7	9.8	A5	3	..	40939b
33	13780	52.0	−46 13	10.6	10.6	Go	2	..	39472b
34	2576	52.0	−72 13	*8.8*	8.9	A5	3	..	42475b
35	*1370*	52.0	−77 56	*8.2*	9.2	Ko	6	..	19964b
36	355	52.1	+85 28	9.5	*10.3*	G5	2	..	37294i
37	672	52.1	+80 11	5.58	*6.58*	Ko	8	..	37294i
38	2262	52.1	+57 17	7.74	*8.81*	K2	1	..	37945i
39	*3109*	52.1	+47 5	9.0	*9.3*	F	1	..	37946i
40	*4033*	52.1	+27 7	8.0	*9.0*	Ko	1	..	21671i
41	4509	52.1	+12 21	9.1	*10.5*	Ma	..	..	M
42	*4132*	52.1	+ 0 5	6.26	*7.33*	K2	8	..	10252b
43	5741	52.1	−16 25	5.95	*6.03*	A3	..	*1*,10	**56**,146
44	5876	52.1	−21 37	9.4	10.0	Ko	4	..	40746b
45	*15141*	52.1	−24 57	8.70	10.0	K2	2	..	40746b
46	17970	52.1	−31 0	8.9	10.3	Go	2	..	40633b
47	9778	52.1	−54 7	8.66	9.9	Ko	4	..	39662b
48	*9489*	52.1	−54 55	*9.9*	10.5	Go	1	..	39662b
49	9488	52.1	−55 33	*10.5*	11.1	Go	1	..	39458b
50	7798	52.1	−58 25	*9.2*	10.0	G5	3	..	39698b
51	1163	52.2	+68 11	8.6	*9.6*	Ko	1	..	38573i
52	4776	52.2	+20 45	8.7	*8.7*	Ao	1	..	38812i
53	4418	52.2	+10 35	8.9	*8.9*	B9	2	..	14194b
54	4584	52.2	+ 4 42	var.	var.	Ao	6	R	14194b
55	*4398*	52.2	+ 2 5	8.5	*8.8*	Fo	4	..	10252b
56	4399	52.2	+ 1 56	8.5	*9.6*	K2	3	..	10252b
57	*4620*	52.2	+ 1 2	9.19	*10.37*	K5	1	..	14193b
58	6081	52.2	−20 27	8.6	9.3	G5	4	..	40582b
59	14126	52.2	−45 52	11.0	11.5	K5	1	..	39472b
60	13733	52.2	−48 28	9.7	10.7	G5	4	..	39657b
61	13735	52.2	−48 51	11.0	11.3	Go	2	..	39657b
62	*9780*	52.2	−53 59	*9.4*	10.2	G5	2	..	39662b
63	9779	52.2	−54 23	8.93	9.9	G5	4	..	39662b
64	..	52.2	−66 16	..	..	K2	1	..	20542b
65	4655	52.3	+ 5 27	9.1	*9.1*	Ao	2	..	14194b
66	4585	52.3	+ 4 58	8.30	*9.30*	Ko	3	..	14194b
67	5076	52.3	− 3 38	8.6	*10.0*	Ma	3	0,4	14193b
68	5453	52.3	− 7 2	9.4	*10.4*	Ko	1	..	40609b
69	5529	52.3	− 8 6	7.37	*7.37*	Ao	4	..	44061b
70	6082	52.3	−20 11	9.2	10.2	Go	2	..	40582b
71	16615	52.3	−23 20	9.7	10.2	G5	2	..	40746b
72	18302	52.3	−30 5	10.2	10.9	Ko	2	..	40633b
73	16330	52.3	−32 5	8.0	8.8	F5	7	..	41063b
74	14019	52.3	−37 18	8.7	9.9	Ko	4	..	40944b
75	3398	52.3	−68 36	6.47	6.0	Ao	10	..	20542b
76	889	52.4	+74 23	7.9	*8.7*	G5	4	..	37224i
77	3417	52.4	+49 29	8.9	*8.9*	A	1	..	38796i
78	*3111*	52.4	+47 2	5.76	*5.71*	B8p	..	R	**56**,99
79	3766	52.4	+43 59	6.71	*6.66*	B8	4	..	37878i
80	4407	52.4	+16 44	6.89	*6.95*	A2	6	0,7-	38948i
81	4581	52.4	+13 20	9.5	*10.0*	F8	2	..	6444m
82	4621	52.4	+ 0 13	8.78	*8.92*	A5	4	..	14193b
83	5413	52.4	− 2 38	8.6	*9.7*	K2	3	..	14193b
84	5744	52.4	−16 50	9.0	*9.6*	Go	4	..	40582b
85	15145	52.4	−25 14	9.2	10.0	Ao	3	..	40746b
86	15356	52.4	−26 44	9.9	10.0	K2	3	..	40633b
87	15154	52.4	−27 43	10.6	10.1	Ao	3	..	40633b
88	*13196*	52.4	−49 55	9.5	10.4	Ao	4	0,4	39458b
89	11799	52.4	−52 33	8.1	9.2	G5	6	..	39662b
90	9491	52.4	−55 22	*10.5*	11.3	G5	1	...	39458b
91	*3513*	52.4	−65 55	*10.1*	10.2	A5	4	..	20542b
92	890	52.5	+74 16	7.39	*7.47*	A3	8	..	37224i
93	3112	52.5	+46 42	7.9	*8.9*	Ko	3	..	37946i
94	4289	52.5	+38 59	9.1	*9.2*	A2	1	..	38942i
95	*4327*	52.5	+37 5	8.6	*8.9*	Fo	2	..	38942i
96	*4332*	52.5	+36 0	7.6	*7.6*	Ao	5	..	37912i
97	4574	52.5	+19 15	7.9	*8.7*	G5	1	..	38812i
98	4297	52.5	+15 51	7.67	*9.02*	Mb	2	0,2-	38812i
99	4483	52.5	+14 45	9.5	*9.5*	A	1	..	6444m
100	4421	52.5	+10 47	9.1	*9.4*	F2	2	..	14194b

199500 — $20^h\,52^m.5$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4656	52.5	+ 5 21	9.1	*9.1*	A	1	..	14194b
2	4625	52.5	+ 0 36	8.9	*9.7*	G5	3	..	14193b
3	5455	52.5	− 7 16	8.6	*8.6*	Ao	6	..	40609b
4	5800	52.5	−13 19	10.2	*11.0*	G5	1	..	39479b
5	5846	52.5	−15 33	8.4	*9.2*	G5	5	..	39479b
6	5878	52.5	−21 44	8.6	9.4	F8	5	..	40746b
7	14513	52.5	−36 5	9.0	10.2	F8	3	..	40944b
8	14322	52.5	−41 44	10.2	11.0	G5	1	..	39472b
9	843	52.5	−82 25	6.89	7.7	Go	8	..	21397b
10	2512	52.6	+56 31	8.7	*8.7*	Ao	3	..	37945i
11	*3911*	52.6	+43 2	6.79	*6.74*	B8	..	1,5	**56**,99
12	3913	52.6	+42 23	6.71	*7.71*	Ko	4	..	37878i
13	4362	52.6	+40 16	8.87	*8.87*	Ao	1	..	38942i
14	4111	52.6	+37 42	8.0	*9.1*	K2	3	..	38942i
15	4279	52.6	+31 12	8.6	*8.7*	A2	1	..	37912i
16	4190	52.6	+23 17	8.0	*9.1*	K2	1	..	37940i
17	4485	52.6	+14 30	8.9	*8.9*	Ao	6	0,5	6444m
18	4484	52.6	+14 27	8.9	*9.9*	K	2	..	6444m
19	4582	52.6	+13 58	8.9	*9.0*	A2	6	0,2	6444m
20	4657	52.6	+ 5 58	9.1	*9.4*	F	1	..	14194b
21	*5318*	52.6	− 3 55	9.4	*10.4*	Ko	2	..	14193b
22	*5456*	52.6	− 6 52	9.2	*9.3*	A3	3	..	40609b
23	5876	52.6	−12 21	7.53	*8.53*	Ko	8	..	39479b
24	5803	52.6	−13 0	8.6	*9.2*	Go	6	..	39479b
25	5895	52.6	−14 1	9.2	*9.8*	Go	4	..	39479b
26	5896	52.6	−14 8	10.3	*10.9*	Go	2	..	39479b
27	6135	52.6	−17 5	9.0	*10.0*	Ko	3	..	40582b
28	13285	52.6	−49 32	9.7	11.0	Ko	3	..	39657b
29	9975	52.6	−53 49	8.8	9.3	F2	5	..	39662b
30	*9783*	52.6	−53 59	*9.8*	10.4	Go	1	..	39662b
31	9782	52.6	−54 48	*10.2*	11.3	K2	1	..	39662b
32	1474	52.6	−77 24	5.24	6.5	F2	..	R	**56**,146
33	705	52.6	−83 27	*9.2*	10.0	G5	1	..	21397b
34	4486	52.7	+14 40	9.3	*10.3*	Ko	2	..	6444m
35	4587	52.7	+ 7 19	8.9	*10.0*	K2	1	..	14194b
36	5625	52.7	− 9 3	10.3	*10.3*	Ao	3	..	40609b
37	*5478*	52.7	−10 58	9.2	*9.7*	F8	4	..	40609b
38	5877	52.7	−12 46	9.0	*9.8*	G5	2	..	39479b
39	5878	52.7	−12 49	9.4	*10.0*	Go	1	..	39479b
40	5805	52.7	−13 31	9.2	*9.8*	Go	3	..	39479b
41	5804	52.7	−13 32	9.2	*10.0*	G5	2	..	39479b
42	6137	52.7	−17 24	8.7	*9.7*	Ko	5	..	40582b
43	17028	52.7	−28 37	9.7	10.0	Go	1	..	40633b
44	14291	52.7	−43 16	9.9	10.7	Go	3	..	39472b
45	13737	52.7	−48 8	9.7	10.4	Go	5	..	39657b
46	2520	52.8	+53 25	8.1	*9.1*	Ko	2	..	37945i
47	3767	52.8	+43 31	7.07	*8.07*	Ko	2	..	37878i
48	4334	52.8	+35 23	9.0	*9.0*	Ao	1	..	37912i
49	4576	52.8	+19 46	8.30	*9.30*	Ko	1	..	38812i
50	4409	52.8	+16 31	9.8	*10.4*	Go	2	..	6444m
51	5637	52.8	− 6 34	8.7	*9.2*	F8	5	..	40609b
52	15157	52.8	−27 43	9.7	10.3	F8	3	..	40633b
53	16333	52.8	−32 2	8.13	8.5	F2	6	..	41063b
54	14230	52.8	−44 20	9.5	10.6	G5	3	..	39472b
55	11801	52.8	−52 16	*10.3*	11.3	Ko	2	..	39662b
56	*4112*	52.9	+38 3	8.8	*8.8*	Ao	3	..	38942i
57	4472	52.9	+17 56	8.3	*8.3*	Ao	3	..	38507i
58	4585	52.9	+13 39	9.3	*9.8*	F8	4	..	6444m
59	4584	52.9	+13 32	9.3	*10.4*	K2	3	..	6444m
60	4466	52.9	+ 3 48	6.88	*7.95*	K2	6	0,3	14194b
61	4134	52.9	− 0 25	9.8	*10.1*	Fo	2	..	14193b
62	6086	52.9	−20 32	9.2	10.0	A3	2	..	40582b
63	15358	52.9	−26 23	8.5	9.7	K2	4	..	40633b
64	14328	52.9	−38 43	8.8	10.1	F8	3	..	40944b
65	13652	52.9	−47 30	9.1	10.1	Ko	5	..	39657b
66	12774	52.9	−51 34	9.7	10.7	F8	3	..	39662b
67	9784	52.9	−54 33	*10.2*	10.8	Go	1	..	39662b
68	*4586*	53.0	+14 7	9.3	*10.3*	Ko	1	..	6444m
69	*4589*	53.0	+ 8 0	8.4	*8.7*	F2	2	..	14194b
70	5080	53.0	− 3 31	9.2	*10.6*	Ma	..	..	M
71	5879	53.0	−12 5	10.3	*10.9*	Go	2	..	39479b
72	6087	53.0	−20 42	9.2	10.5	Ko	1	..	40582b
73	5882	53.0	−21 26	9.4	10.2	Go	2	..	40746b
74	15318	53.0	−33 47	10.4	10.9	Go	2	..	41063b
75	4628	53.0	−63 50	*9.0*	9.4	F5	4	..	19897b
76	*2819*	53.0	−69 54	9.18	9.6	Go	3	..	19966b
77	2188	53.0	−73 26	*8.5*	9.5	Ko	2	..	42475b
78	3232	53.1	+50 41	6.35	*6.30*	B8	..	0,9	**56**,99
79	3639	53.1	+44 33	6.01	..	Oe5	..	5,9	**56**,100
80	3915	53.1	+42 30	7.9	*8.9*	Ko	3	..	37878i
81	4117	53.1	+37 22	8.2	*8.2*	B9	3	..	38942i
82	4487	53.1	+14 38	9.5	*10.0*	F8	2	..	6444m
83	4591	53.1	+ 7 41	7.12	*8.12*	Ko	7	..	14194b
84	4706	53.1	+ 6 31	7.7	*8.9*	K5	3	..	14194b
85	5416	53.1	− 2 10	8.8	*8.9*	A5	4	..	14193b
86	5458	53.1	− 7 22	9.6	*9.7*	A5	3	..	40609b
87	5807	53.1	−13 45	7.55	*8.11*	Go	8	..	39479b
88	5747	53.1	−16 22	9.8	*10.6*	G5	1	..	40582b
89	5749	53.1	−16 48	9.4	*9.9*	F8	3	..	40582b
90	15164	53.1	−27 38	9.4	9.7	F5	5	..	40633b
91	*16335*	53.1	−31 58	9.0	10.0	Go	2	..	41063b
92	14297	53.1	−43 53	9.2	10.6	Ma	3	..	39472b
93	*13199*	53.1	−49 59	9.5	10.7	F8	3	0,2	39458b
94	7799	53.1	−58 3	*9.4*	9.8	F5	4	..	39698b
95	1952	53.1	−74 8	*9.0*	9.8	G5	3	..	19964b
96	3118	53.2	+46 48	8.9	*9.0*	A3	2	..	37946i
97	4213	53.2	+34 55	6.77	*7.84*	K2	4	..	37912i
98	*4422*	53.2	+26 1	6.90	*7.46*	Go	5	..	37940i
99	4586	53.2	+ 4 24	8.5	*8.6*	A2	5	..	14194b
100	5417	53.2	− 2 19	9.4	*10.4*	Ko	2	..	14193b

199600

20h 53m.2

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5638	53.2	− 5 57	9.4	10.4	Ko	1	..	40609b
2	5627	53.2	− 9 14	9.2	10.2	Ko	3	..	40609b
3	5848	53.2	−14 52	6.02	6.10	A3	10	..	39479b
4	15153	53.2	−25 45	8.1	8.9	Go	5	..	40746b
5	15179	53.2	−42 6	10.3	11.0	F5	1	..	39472b
6	9495	53.2	−55 18	9.3	10.4	K2	2	..	39662b
7	7662	53.2	−59 7	8.2	9.5	Ko	3	..	19897b
8	844	53.2	−82 49	9.8	9.8	A	2	..	21397b
9	2071	53.3	+62 2	8.0	9.0	Ko	3	..	38795i
10	2296	53.3	+59 38	7.67	8.85	K5	1	..	38795i
11	3233	53.3	+50 20	5.80	6.08	Fo	8	2,7	38796i
12	3249	53.3	+48 48	5.98	6.98	Ko	8	..	37946i
13	4488	53.3	+14 55	9.3	10.4	K2	1	..	6444m
14	5459	53.3	− 7 36	9.6	10.4	G5	1	..	40609b
15	5754	53.3	−16 1	8.8	9.6	G5	3	..	40582b
16	5753	53.3	−16 6	8.6	9.6	Ko	3	..	40582b
17	5977	53.3	−19 33	9.4	10.0	F5	2	..	40582b
18	18315	53.3	−30 54	7.21	7.9	G5	6	..	40732b
19	16341	53.3	−32 24	10.2	10.3	A2	2	..	41063b
20	14779	53.3	−34 0	7.26	7.7	Go	10	..	41063b
21	14777	53.3	−34 42	9.6	9.6	A5	3	..	41063b
22	13287	53.3	−49 26	9.9	11.0	F5	4	..	39657b
23	12778	53.3	−51 39	5.88	6.5	F5	..	0,10	56,146
24	50	53.3	−89 21	9.9	10.0	A5	3	..	22980b
25	474	53.4	+84 15	8.6	8.7	A2	4	..	37294i
26	2264	53.4	+57 42	8.5	9.5	Ko	1	2,1	19317i
27	3340	53.4	+45 56	8.6	8.9	Fo	2	..	37946i
28	3641	53.4	+44 56	8.5	9.5	Ko	2	..	37946i
29	4364	53.4	+40 47	4.04	4.04	Ao	..	R	56,100
30	4423	53.4	+10 15	8.51	8.57	A2	3	..	14194b
31	4595	53.4	+ 8 7	7.9	8.2	F2	6	..	14194b
32	4659	53.4	+ 5 12	8.66	9.73	K2	1	..	14194b
33	5630	53.4	− 9 27	9.6	10.4	G5	2	..	40609b
34	5631	53.4	− 9 44	8.91	9.41	F8	3	..	40609b
35	5819	53.4	−18 15	9.0	10.0	Ko	2	..	40582b
36	5978	53.4	−19 18	8.2	9.0	G5	4	..	40582b
37	17984	53.4	−31 40	8.9	10.0	G5	2	..	41063b
38	14782	53.4	−34 49	9.0	11.1	K2	1	..	41063b
39	14302	53.4	−43 24	7.42	7.3	A2	..	0,10	56,146
40	13788	53.4	−46 0	9.9	10.7	G5	2	..	39472b
41	11803	53.4	−52 4	10.1	10.7	Go	2	..	39662b
42	9785	53.4	−54 7	6.9	7.3	K5	8	..	39662b
43	9498	53.4	−55 0	8.50	9.6	G5	5	..	39662b
44	4629	53.4	−63 42	9.4	9.7	Fo	2	..	19897b
45	2191	53.5	+58 44	8.6	8.6	Ao	2	2,2	19317i
46	3999	53.5	+32 55	8.4	8.5	A2	3	..	37912i
47	4412	53.5	+16 40	7.7	8.8	K2	2	0,2-	38507i
48	4410	53.5	+16 36	9.3	10.3	Ko	1	..	6444m
49	4411	53.5	+16 18	9.3	10.1	G5	1	..	6444m
50	4597	53.5	+ 7 34	8.7	9.0	F2	3	..	14194b
51	5321	53.5	− 4 13	6.81	6.89	A3	4	1,9	22768b
52	5533	53.5	− 8 35	9.4	10.4	Ko	1	..	40609b
53	5632	53.5	− 9 42	9.01	9.57	Go	2	..	40609b
54	5635	53.5	− 9 45	9.26	9.82	Go	2	..	40609b
55	17985	53.5	−30 57	9.7	10.3	G5	1	..	40633b
56	14028	53.5	−37 25	9.4	9.9	Go	4	..	40944b
57	15181	53.5	−42 31	10.6	11.7	Ko	1	..	39472b
58	7800	53.5	−58 37	9.0	9.5	Ko	5	..	39698b
59	2584	53.5	−71 10	9.9	11.0	K2	1	..	19966b
60	1136	53.6	+69 34	7.80	8.80	Ko	3	..	38573i
61	2515	53.6	+56 29	6.14	5.97	B3	8	..	37945i
62	3234	53.6	+47 11	8.1	8.1	Ao	2	..	37878i
63	4200	53.6	+23 52	8.1	8.1	Ao	5	..	37940i
64	4413	53.6	+16 10	8.4	8.4	Ao	5	0,2	6444m
65	4425	53.6	+10 28	5.61	6.61	Ko	9	..	38129i
66	4582	53.6	+ 8 24	8.3	8.6	Fo	5	..	14194b
67	5882	53.6	−11 53	9.6	10.2	Go	2	..	39479b
68	5810	53.6	−13 36	8.5	8.8	Fo	6	..	39479b
69	5901	53.6	−14 29	9.0	10.1	K2	2	..	39479b
70	5979	53.6	−19 34	9.8	10.5	Fo	1	..	40582b
71	15173	53.6	−27 24	8.0	8.9	G5	7	..	40633b
72	14491	53.6	−35 13	8.4	9.4	G5	5	..	40944b
73	14029	53.6	−37 6	10.0	10.3	Go	2	..	40944b
74	14058	53.6	−39 6	10.0	10.4	Ko	2	..	40944b
75	13655	53.6	−47 24	9.2	10.1	G5	4	..	39657b
76	9580	53.6	−56 18	9.9	10.5	Go	1	..	39698b
77	9579	53.6	−56 50	9.3	10.2	G5	2	..	39698b
78	939	53.6	−81 16	9.7	9.8	A3	2	..	21397b
79	3943	53.7	+41 18	7.14	7.20	A2	2	..	37878i
80	4782	53.7	+20 50	8.7	8.8	A2	1	..	38812i
81	5084	53.7	− 3 43	7.8	8.1	F2	7	..	14193b
82	5980	53.7	−19 34	9.6	10.2	F8	1	..	40582b
83	6090	53.7	−20 50	7.8	8.4	Go	6	..	40582b
84	14530	53.7	−36 31	6.12	7.0	Fo	10	..	40939b
85	14125	53.7	−40 30	8.1	9.2	Ko	6	..	39472b
86	14330	53.7	−41 48	10.0	11.1	Ko	1	..	39472b
87	14305	53.7	−43 15	11.0	11.0	Go	1	..	39472b
88	14139	53.7	−45 42	9.1	9.8	Fo	4	..	39657b
89	12784	53.7	−51 30	9.7	11.0	F8	2	..	39458b
90	11805	53.7	−52 22	10.4	11.0	Go	2	..	39662b
91	7801	53.7	−58 0	9.5	10.0	F8	3	..	39698b
92	516	53.7	−85 36	6.97	8.3	Ko	8	..	15173b
93	3944	53.8	+42 3	7.49	8.49	Ko	1	..	37878i
94	4382	53.8	+39 16	7.50	7.48	B9	7	..	38942i
95	3951	53.8	+29 0	7.7	8.1	F5	3	..	21671i
96	4201	53.8	+23 30	8.0	9.2	K5	1	..	21671i
97	4424	53.8	+21 56	5.57	6.75	K5	8	..	37940i
98	4414	53.8	+16 53	7.9	9.0	K2	4	3,1	6444m
99	4299	53.8	+15 42	9.1	9.6	F8	2	..	6444m
100	4491	53.8	+14 26	8.6	9.1	F8	4	..	6444m

199700 — $20^h 53^m.8$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4136	53.8	− 0 49	9.1	*9.2*	A5	4	..	14193b
2	5460	53.8	− 7 18	7.9	*8.0*	A3	8	0,4	40609b
3	5561	53.8	−10 39	8.7	*8.7*	Ao	4	..	40599b
4	5484	53.8	−11 6	8.8	*9.8*	Ko	5	..	39479b
5	5902	53.8	−14 32	9.0	*10.0*	Ko	4	..	39479b
6	6140	53.8	−17 16	8.6	*8.9*	F2	7	..	40582b
7	16399	53.8	−24 5	9.7	10.0	Go	3	..	39402b
8	16347	53.8	−32 5	10.2	11.2	Ko	1	..	41063b
9	14308	53.8	−43 6	10.1	11.0	Go	2	..	39472b
10	*13744*	53.8	−47 59	11.6	11.6	Ao	2	..	39657b
11	1475	53.8	−77 46	*8.9*	9.2	F2	4	..	19964b
12	594	53.9	+83 22	9.0	*10.0*	Ko	2	..	37294i
13	1518	53.9	+65 18	7.25	*7.23*	B9	6	0,8	37401i
14	3237	53.9	+47 54	8.5	*8.5*	Ao	3	..	38796i
15	*3344*	53.9	+46 7	8.6	*8.9*	Fo	3	..	37946i
16	4254	53.9	+30 55	8.0	*9.1*	K2	2	R	37912i
17	3952	53.9	+28 53	8.4	*9.4*	Ko	1	..	21671i
18	4202	53.9	+23 50	9.0	*9.1*	A2	1	..	21671i
19	4254	53.9	+22 39	6.57	*7.35*	G5	6	..	37940i
20	4415	53.9	+16 24	9.1	*9.9*	G5	4	..	6444m
21	*4300*	53.9	+16 2	7.17	*7.17*	Ao	4	R	6444m
22		53.9	+16 2			B9	8		
23	4493	53.9	+14 33	7.82	*8.82*	Ko	4	0,5	38129i
24	4663	53.9	+ 5 58	8.5	*9.7*	K5	1	..	14194b
25	5085	53.9	− 3 9	9.6	*10.1*	F8	1	..	14193b
26	5534	53.9	− 8 36	9.6	*10.1*	F8	2	..	40609b
27	5852	53.9	−15 12	9.0	*10.4*	Mb	2	..	39479b
28	5982	53.9	−19 26	6.23	6.3	Aop	..	R	**56**,146
29	16402	53.9	−24 16	9.7	10.9	Ko	2	..	39402b
30	16401	53.9	−24 36	10.6	10.0	F8	2	..	39402b
31	17469	53.9	−29 22	9.5	11.2	K5	1	..	40633b
32	14532	53.9	−36 29	9.0	9.9	G5	2	..	40944b
33	14033	53.9	−37 15	9.0	10.0	F8	4	..	40944b
34	14309	53.9	−43 50	9.2	9.5	Go	6	..	39472b
35	14140	53.9	−45 4	9.5	11.0	K5	1	..	39472b
36	13293	53.9	−49 32	11.0	11.6	Go	1	..	39657b
37	9787	53.9	−54 14	*8.9*	9.9	Ko	2	..	39662b
38	*1676a*	54.0	+64 8	8.3	*8.3*	Ao	3	R	37401i
39	2516	54.0	+56 32	8.5	*8.5*	B8	3	..	37945i
40	4257	54.0	+22 51	7.8	*7.9*	A5	2	..	37940i
41	4494	54.0	+14 45	8.9	*9.0*	A3	3	..	6444m
42	4591	54.0	+13 56	9.0	*10.4*	Mc	2	..	6444m
43	4590	54.0	+13 46	9.1	*10.1*	Ko	2	..	6444m
44	5323	54.0	− 4 34	8.4	*9.0*	Go	4	..	14193b
45	5641	54.0	− 6 39	9.0	*9.1*	A3	4	..	40609b
46	5636	54.0	− 9 16	9.2	*10.0*	G5	4	..	40609b
47	*5562*	54.0	− 9 53	8.06	*8.14*	A3	7	..	40609b
48	5485	54.0	−11 6	9.4	*9.9*	F8	4	..	39479b
49	5811	54.0	−13 21	9.8	*10.4*	Go	1	..	39479b
50	*5821*	54.0	−17 52	9.6	*10.6*	Ko	2	..	40582b
51	*5888*	54.0	−20 52	9.1	9.3	G5	3	..	40582b
52	17471	54.0	−29 52	8.83	10.3	K5	3	..	40633b
53	*17995*	54.0	−30 58	8.5	9.4	F8	3	..	40633b
54	16348	54.0	−32 10	9.3	10.6	K2	1	..	41063b
55	14788	54.0	−34 37	7.05	7.7	Ao	10	..	41063b
56	14534	54.0	−36 41	9.4	9.9	Go	3	..	40944b
57	14310	54.0	−43 2	9.3	9.8	A2	4	..	39472b
58	*13792*	54.0	−45 55	11.0	11.3	K2	1	..	39472b
59	6521	54.0	−61 12	8.9	8.9	A2	5	..	19897b
60	3150	54.0	−69 33	*8.7*	9.2	F8	6	..	19966b
61	3121	54.1	+46 48	8.1	*8.6*	F8	2	..	37946i
62	4386	54.1	+39 53	7.62	*7.62*	Ao	5	3,3	38942i
63	*4253*	54.1	+30 0	6.64	*7.64*	Ko	6	..	37912i
64	4416	54.1	+16 31	8.3	*8.3*	Ao	3	1,7	38129i
65	*4302*	54.1	+16 1	7.9	*8.3*	F5	3	3,5	38129i
66	4473	54.1	+ 3 55	5.29	*5.71*	F5	7	0,10	38045i
67	4137	54.1	− 0 50	9.1	*10.2*	K2	1	..	14193b
68	5535	54.1	− 8 1	8.0	*9.0*	Ko	6	..	40609b
69	5637	54.1	− 9 15	9.8	*10.4*	Go	2	..	40609b
70	14332	54.1	−41 34	8.7	9.2	F8	5	..	39472b
71	13205	54.1	−50 9	9.3	10.4	F5	4	0,4	39458b
72	7663	54.1	−59 31	*10.0*	10.5	F8	2	..	39382b
73	4088	54.1	−64 21	*8.4*	9.5	K2	3	..	20542b
74	4254	54.2	+29 17	8.1	*8.1*	Ao	2	..	37912i
75	4684	54.2	+ 9 36	8.1	*8.5*	F5	3	..	14667b
76	4402	54.2	+ 1 13	8.54	*9.54*	Ko	3	2,2	14193b
77	5583	54.2	−22 0	8.8	9.4	Go	4	..	40746b
78	14333	54.2	−41 46	9.6	10.9	F8	1	..	39472b
79	13296	54.2	−49 38	11.0	11.6	K2	2	2,1	39657b
80	12786	54.2	−51 45	10.3	11.6	G5	1	..	39458b
81	3346	54.3	+45 37	8.5	*8.9*	F5	3	..	37946i
82	4369	54.3	+40 31	8.2	*8.3*	A2	3	..	38942i
83	4786	54.3	+20 25	8.2	*9.3*	K2	1	..	38812i
84	4478	54.3	+17 27	7.78	*7.92*	A5	4	..	38507i
85	4418	54.3	+16 44	9.8	*9.9*	A2	3	..	6444m
86	4497	54.3	+14 15	9.3	*9.7*	F5	2	..	6444m
87	*4592*	54.3	+14 4	8.9	*9.2*	Fo	4	..	6444m
88	*4087*	54.3	− 0 55	9.5	*9.8*	F2	4	..	14193b
89	*5421*	54.3	− 1 52	8.0	*9.0*	Ko	4	..	14193b
90	5642	54.3	− 6 20	9.4	*10.6*	K5	1	..	40609b
91	6144	54.3	−17 40	8.8	*8.9*	A5	5	..	40582b
92	6093	54.3	−20 0	8.93	9.3	F8	3	..	40582b
93	16630	54.3	−23 5	8.3	8.4	F8	6	..	40746b
94	16631	54.3	−23 8	9.2	9.6	G5	2	..	40746b
95	17473	54.3	−29 23	9.7	10.3	A5	2	..	40633b
96	14144	54.3	−45 30	10.3	11.0	Go	1	..	39472b
97	3770	54.3	−67 47	*9.0*	9.3	Fo	4	..	20542b
98	793	54.4	+77 49	8.1	*8.2*	A2	4	3,2	37266i
99	3649	54.4	+44 24	8.0	*9.4*	Ma	1	5,1	37878i
100	4259	54.4	+22 10	8.6	*8.7*	A2	1	..	37940i

199800 — $20^h\,54^m.4$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4585	54.4	+ 8 15	8.5	*9.7*	K5	1	..	14194b
2	4632	54.4	+ 0 43	8.7	*9.3*	G	2	..	14193b
3	4633	54.4	+ 0 40	8.7	*9.7*	Ko	3	R	12331b
4	5324	54.4	− 4 47	8.85	*9.41*	Go	3	..	14193b
5	5643	54.4	− 6 38	9.4	*10.4*	Ko	2	..	40609b
6	6094	54.4	−20 22	9.0	10.0	Ko	2	..	40582b
7	5584	54.4	−22 43	9.0	9.6	Go	3	..	40746b
8	16406	54.4	−24 30	10.9	10.9	Go	2	..	39402b
9	15178	54.4	−27 44	7.7	8.5	Ko	6	..	40633b
10	14501	54.4	−35 41	6.70	7.4	Ko	8	..	40939b
11	14130	54.4	−40 37	9.4	10.1	F5	3	..	39472b
12	14335	54.4	−41 24	9.8	10.4	Go	2	..	39472b
13	15188	54.4	−42 32	9.7	11.1	Ko	1	..	39472b
14	14241	54.4	−44 48	9.7	11.0	Ko	5	R	39472b
15	14240	54.4	−44 49	9.5	11.0				
16	*13796*	54.4	−45 58	10.3	10.6	F5	2	..	39472b
17	*13297*	54.4	−48 54	11.6	11.6	Ko	2	..	39657b
18	13298	54.4	−49 44	7.78	8.9	F5	8	3,9	39458b
19	2822	54.4	−70 49	*9.0*	9.5	F8	5	..	19966b
20	707	54.4	−83 43	8.95	9.7	Go	4	..	21397b
21	3652	54.5	+44 39	8.6	*9.1*	F8	2	..	37946i
22	*4303*	54.5	+16 3	10.1	*10.6*	F8	1	..	6444m
23	*4499*	54.5	+15 10	10.1	*10.1*	A	2	..	6444m
24	4593	54.5	+13 18	10.1	*10.7*	G	1	..	6444m
25	4665	54.5	+ 5 28	8.7	*9.9*	K5	2	..	14194b
26	4634	54.5	+ 0 27	8.5	*9.5*	Ko	5	2,4	14193b
27	5814	54.5	−13 5	9.8	*10.3*	F8	3	..	39479b
28	5813	54.5	−13 27	6.59	*6.67*	A3	9	..	39479b
29	6145	54.5	−17 4	9.6	*9.6*	Ao	3	..	40582b
30	5984	54.5	−19 25	9.2	10.2	G5	2	..	40582b
31	5891	54.5	−21 33	9.6	9.6	Go	2	..	40746b
32	*14037*	54.5	−36 55	8.7	8.7	F8	3	..	40939b
33	13658	54.5	−47 42	9.9	10.1	Go	3	..	39657b
34	2823	54.5	−70 30	*8.7*	9.8	K2	4	..	19966b
35	*4301*	54.6	+39 5	7.66	*7.80*	A5	3	2,3-	37878i
36	4219	54.6	+34 20	7.84	*8.84*	Ko	2	..	37912i
37	4292	54.6	+31 15	7.17	*7.15*	B9	7	..	37912i
38	4426	54.6	+21 57	7.04	*8.22*	K5	2	..	37940i
39	4304	54.6	+15 11	7.99	*8.07*	A3	6	2,7	38129i
40	4475	54.6	+ 3 41	9.5	*9.6*	A2	1	..	12331b
41	5985	54.6	−19 26	9.6	10.2	Go	1	..	40582b
42	16633	54.6	−23 37	9.4	9.6	A2	3	..	40746b
43	16408	54.6	−24 0	9.9	10.6	F8	2	..	39402b
44	14797	54.6	−34 19	8.7	9.6	Go	4	..	41063b
45	14542	54.6	−36 27	6.68	7.4	Ko	7	..	40939b
46	14338	54.6	−41 7	10.4	11.0	Ko	1	..	39472b
47	6191	54.6	−62 16	*8.6*	9.2	Go	4	..	19897b
48	..	54.6	−66 25	..	..	G5	1	..	20542b
49	*2179*	54.7	+61 10	8.0	*8.4*	F5	4	..	38795i
50	2193	54.7	+58 26	7.9	*7.9*	Ao	3	..	37945i
51	4128	54.7	+37 45	8.0	*8.8*	G5	2	..	38942i
52	4476	54.7	+ 3 52	8.9	*10.1*	K5	1	..	12331b
53	*5859*	54.7	−14 52	8.81	*9.81*	Ko	4	..	39479b
54	5858	54.7	−15 30	8.4	*8.5*	A3	4	..	40582b
55	5758	54.7	−16 18	9.4	*10.4*	Ko	2	..	40582b
56	16411	54.7	−24 7	10.2	10.3	F8	2	..	39402b
57	16412	54.7	−24 49	10.4	10.9	G5	1	..	39402b
58	17476	54.7	−29 10	9.4	9.7	F2	5	..	40633b
59	18001	54.7	−31 37	8.9	10.3	K5	1	..	41063b
60	16351	54.7	−32 44	9.8	10.3	Ko	2	..	41063b
61	15338	54.7	−33 21	8.0	9.2	G5	5	..	41063b
62	14067	54.7	−39 8	8.0	8.7	K2	5	..	40939b
63	14339	54.7	−41 0	9.4	9.5	Ao	6	..	39472b
64	14340	54.7	−41 20	9.8	10.9	G5	2	..	39472b
65	14244	54.7	−44 48	9.7	11.0	K2	1	..	39472b
66	R	54.7	−59 39	..	..	Ko	1	..	39382b
67	4630	54.7	−63 38	*8.5*	9.7	K5	2	..	19897b
68	3399	54.7	−68 28	*7.8*	8.3	F8	8	..	20542b
69	1519	54.8	+65 26	7.65	*8.83*	K5	2	E	37277i
70	*3777*	54.8	+44 4	5.76	*6.76*	Ko	..	0,7	56,100
71	4373	54.8	+40 58	7.7	*8.9*	K5	4	*3,3*	38942i
72	4374	54.8	+40 18	8.07	*8.35*	Fo	4	5,2	38942i
73	4348	54.8	+36 35	8.8	*8.9*	A2	2	..	37912i
74	*4222*	54.8	+35 7	8.32	*8.82*	F8	2	0,4-	38942i
75	*4262*	54.8	+31 5	7.9	*9.1*	K5	1	..	32009i
76	4789	54.8	+20 36	8.2	*8.7*	F8	2	..	38812i
77	4500	54.8	+14 51	9.1	*9.6*	F8	3	..	6444m
78	4587	54.8	+ 8 30	9.1	*9.5*	F5	1	..	14194b
79	5645	54.8	− 6 5	9.4	*10.2*	G5	2	..	40609b
80	5644	54.8	− 6 37	9.2	*10.0*	G5	3	..	40609b
81	5491	54.8	−11 1	7.35	*7.77*	F5	7	..	40599b
82	*5907*	54.8	−13 53	8.6	*9.7*	K2	4	..	39479b
83	5906	54.8	−14 20	9.4	*10.4*	Ko	1	2,1	40582b
84	5759	54.8	−16 9	8.6	*9.4*	G5	4	..	40582b
85	17047	54.8	−28 43	9.1	9.4	Ko	5	..	40633b
86	18004	54.8	−31 9	9.2	10.3	Go	2	..	41063b
87	13301	54.8	−49 16	9.9	9.9	Fo	5	0,4	39657b
88	13211	54.8	−50 0	10.3	11.6	K2	1	..	39657b
89	3257	54.9	+48 22	8.3	*8.3*	Ao	3	..	38796i
90	3240	54.9	+47 13	7.25	*7.20*	B8	..	1,3-	56,100
91	3124	54.9	+46 12	7.31	*7.81*	F8	3	..	37878i
92	3949	54.9	+41 33	6.03	*6.01*	B9	7	..	37878i
93	4422	54.9	+16 49	10.5	*11.1*	Go	2	..	6444m
94	4283	54.9	+ 2 29	8.9	*9.4*	F8	3	..	12331b
95	*5646*	54.9	− 5 56	9.0	*9.1*	A5	4	..	40609b
96	5464	54.9	− 7 49	9.4	*10.0*	Go	3	..	40599b
97	5492	54.9	−11 24	8.0	*8.1*	A5	6	..	40599b
98	5761	54.9	−16 45	9.6	*10.2*	Go	2	..	40582b
99	5829	54.9	−18 3	9.2	*10.2*	Ko	2	..	40582b
100	15183	54.9	−27 26	8.3	8.9	F5	6	..	40633b

199900 — 20h 54m.9

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	17050	54.9	−28 18	10.2	10.1	Ko	2	..	40633b
2	15340	54.9	−33 5	9.6	9.4	A2	4	..	41063b
3	14506	54.9	−35 21	8.7	8.7	Go	5	..	40939b
4	13750	54.9	−48 3	10.1	11.3	Go	2	..	39657b
5	9791	54.9	−54 15	*10.1*	11.1	Ko	1	..	39458b
6	2825	54.9	−70 36	*8.7*	9.8	K2	3	..	19966b
7	2268	55.0	+57 36	8.1	*9.2*	K2	1	..	37945i
8	*2452*	55.0	+55 6	7.31	*7.59*	Fo	6	..	37945i
9	3125	55.0	+46 26	8.7	*9.0*	Fo	2	..	37946i
10	*4389*	55.0	+40 7	8.52	*9.52*	Ko	1	..	38942i
11	*4112*	55.0	+34 5	8.0	*8.8*	G5	1	..	37912i
12	4297	55.0	+31 50	8.1	*8.6*	F8	2	..	37912i
13	4424	55.0	+16 42	9.8	*11.0*	K5	1	..	6444m
14	4717	55.0	+ 6 25	9.3	*9.4*	A3	1	..	14194b
15	*16639*	55.0	−22 55	10.6	10.5	Fo	2	..	39402b
16	17051	55.0	−28 38	8.5	9.4	K2	5	..	40633b
17	18336	55.0	−30 7	7.10	7.7	Ao	8	..	40732b
18	14509	55.0	−35 34	7.52	8.0	Go	7	..	40939b
19	14341	55.0	−41 17	10.0	11.0	Ko	1	..	39472b
20	14317	55.0	−43 50	9.7	9.8	Go	4	..	39472b
21	2300	55.1	+59 23	9.5	*9.5*	A	1	..	38795i
22	4483	55.1	+17 47	8.9	*9.0*	A2	1	..	38812i
23	4596	55.1	+13 39	9.1	*10.1*	Ko	3	..	6444m
24	4601	55.1	+ 7 19	9.1	*9.6*	F8	1	..	14667b
25	4143	55.1	− 0 25	8.9	*8.9*	Ao	5	..	14193b
26	5087	55.1	− 3 12	9.1	*10.1*	Ko	1	..	14193b
27	5493	55.1	−11 26	9.2	*10.4*	K5	1	..	40599b
28	17478	55.1	−29 16	9.2	10.0	G5	4	..	40633b
29	18337	55.1	−30 8	8.04	8.5	A5	4	..	40732b
30	R	55.1	−43 49	*9.7*	10.7	Ko	2	..	39472b
31	13213	55.1	−50 26	8.1	9.0	Fo	5	..	39662b
32	*12794*	55.1	−50 59	9.3	10.4	F5	3	..	39662b
33	11807	55.1	−52 41	9.3	10.7	K2	2	..	39662b
34	9503	55.1	−55 48	*9.8*	10.4	Go	1	..	39698b
35	3400	55.1	−68 36	*8.9*	9.9	Ko	3	..	20542b
36	*1169*	55.2	+69 0	8.7	*9.7*	Ko	1	..	38573i
37	2195	55.2	+58 26	7.66	*7.66*	Ao	4	..	37945i
38	2494	55.2	+55 44	7.9	*8.2*	Fo	3	..	37945i
39	*3779*	55.2	+44 1	7.9	*9.1*	K5	1	..	37946i
40	4589	55.2	+19 40	8.4	*8.7*	Fo	2	..	38812i
41	4425	55.2	+16 26	6.53	*6.87*	F2	8	2,10	38129i
42	*4718*	55.2	+ 7 7	6.03	*6.17*	A5	9	..	14667b
43	4477	55.2	+ 3 43	8.5	*9.0*	F8	3	..	12331b
44	*5650*	55.2	− 5 52	6.58	*6.58*	Ao	5	..	22768b
45	5494	55.2	−11 40	9.4	*9.4*	Ao	2	..	40599b
46	5764	55.2	−16 14	8.4	*9.4*	Ko	4	..	40582b
47	*5831*	55.2	−17 56	6.54	*7.54*	Ko	9	..	40582b
48	6096	55.2	−20 19	8.4	8.7	F2	4	..	40582b
49	16642	55.2	−23 51	10.6	9.6	A2	3	..	39402b
50	17052	55.2	−28 34	10.9	10.0	Go	2	..	40633b
51	16353	55.2	−32 39	4.71	*5.49*	G5	..	R	**28,215**
52	15341	55.2	−33 17	6.76	7.0	Ao	8	..	40732b
53	*14802*	55.2	−33 56	9.0	10.5	K2	2	..	41063b
54	1878	55.3	+62 27	8.1	*8.1*	Ao	4	0,3	38795i
55	*3426*	55.3	+50 4	5.48	*5.43*	B8	..	0,9	**56,100**
56	3780	55.3	+43 40	6.75	*7.75*	Ko	4	..	37878i
57	4131	55.3	+37 32	7.8	*9.0*	K5	1	..	38942i
58	4427	55.3	+16 23	9.3	*9.4*	A2	2	..	6444m
59	4720	55.3	+ 6 42	8.5	*9.5*	Ko	2	..	14194b
60	5433	55.3	− 5 7	6.26	*6.82*	Go	8	0,10	22768b
61	*16644*	55.3	−22 55	9.9	10.2	Go	3	..	39402b
62	16419	55.3	−24 3	10.2	10.6	F5	2	..	39402b
63	14346	55.3	−41 19	9.3	9.5	Ao	4	..	39472b
64	7444	55.3	−60 46	*9.5*	10.0	F8	1	..	19897b
65	6523	55.3	−61 1	9.2	10.3	K2	1	..	19897b
66	*3401*	55.3	−67 57	*9.2*	9.3	A2	6	..	20542b
67	2181	55.4	+60 57	7.9	*8.7*	G5	5	..	38795i
68	4394	55.4	+39 40	8.6	*8.7*	A3	2	..	37878i
69	4355	55.4	+36 21	8.0	*9.4*	Mb	2	..	31134i
70	*4229*	55.4	+35 5	8.52	*8.50*	B9	2	..	37912i
71	4668	55.4	+18 14	7.28	*8.28*	Ko	3	..	38507i
72	*4504*	55.4	+15 4	9.49	*9.49*	Ao	5	..	6444m
73	4405	55.4	+ 1 12	8.19	*8.27*	A3	6	..	10252b
74	5434	55.4	− 5 45	8.0	*8.3*	F2	6	..	40609b
75	5543	55.4	− 8 11	9.4	*9.9*	F8	2	..	40599b
76	5544	55.4	− 8 44	8.2	*8.8*	Go	7	..	40609b
77	5821	55.4	−13 31	10.3	*11.3*	Ko	1	..	40621b
78	16421	55.4	−24 42	8.7	10.9	Ko	3	..	39402b
79	17054	55.4	−28 6	8.7	10.0	K2	5	..	40633b
80	18012	55.4	−31 38	9.9	10.0	Go	3	..	41063b
81	*15343*	55.4	−32 54	10.2	11.2	K2	1	..	41063b
82	14347	55.4	−41 50	9.4	10.1	Go	3	..	39472b
83	15199	55.4	−42 28	7.6	9.5	K5	5	..	39472b
84	13303	55.4	−49 13	10.1	11.3	K2	1	..	39657b
85	3402	55.4	−68 7	*10.4*	10.4	Ao	2	..	20542b
86	3352	55.5	+45 52	7.03	*7.09*	A2	6	2,5	37946i
87	*4344*	55.5	+36 2	7.7	*7.7*	B9	5	..	37912i
88	4603	55.5	+ 7 32	8.5	*9.3*	G5	2	..	14667b
89	4092	55.5	− 1 18	8.7	*9.9*	K5	1	..	14193b
90	*5586*	55.5	−21 50	9.3	9.4	F8	6	..	39402b
91	16648	55.5	−23 16	8.1	8.3	F5	9	..	39402b
92	14515	55.5	−35 52	9.8	10.5	K2	3	..	40944b
93	14249	55.5	−44 8	9.9	11.3	Ko	1	..	39472b
94	13214	55.5	−50 23	7.6	8.2	A2	8	..	39662b
95	9583	55.5	−56 19	9.1	9.6	F5	5	..	39698b
96	7802	55.5	−58 53	9.1	9.5	F8	5	..	39698b
97	4631	55.5	−63 52	*7.2*	8.2	Ko	6	..	20542b
98	3243	55.6	+47 15	8.5	*9.5*	K	1	..	37946i
99	4590	55.6	+19 33	7.40	*7.82*	F5	5	..	38507i
100	4589	55.6	+ 8 28	9.1	*9.6*	F8	2	..	14194b

200000 — $20^h\ 55^m.6$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4479	55.6	+ 3 36	9.1	*9.6*	F8	2	..	12331b
2	*5886*	55.6	−11 52	8.6	*9.6*	Ko	4	..	40621b
3	*5822*	55.6	−12 58	9.2	*10.0*	G5	1	..	40621b
4	*5908*	55.6	−13 55	6.63	*7.41*	G5	8	..	39479b
5	6152	55.6	−17 48	10.7	*11.3*	Go	1	..	45421b
6	5899	55.6	−21 39	10.3	11.0	Go	1	..	39402b
7	17057	55.6	−28 11	7.38	8.5	Ko	8	..	40633b
8	*14049*	55.6	−36 58	7.14	8.3	K2	5	..	40939b
9	14344	55.6	−38 16	9.4	10.1	F8	3	..	40944b
10	15202	55.6	−42 37	9.5	11.0	K2	1	..	39472b
11	14325	55.6	−43 23	6.51	6.5	G5	..	5,10	**56**,146
12	13757	55.6	−48 17	10.6	11.6	K2	1	..	39657b
13	13216	55.6	−50 42	10.6	11.6	G5	1	..	39458b
14	13215	55.6	−50 53	9.3	9.9	K2	3	..	39662b
15	11809	55.6	−52 18	8.9	10.4	K2	3	..	39662b
16	11810	55.6	−52 43	*10.8*	11.6	G5	1	..	39662b
17	2495	55.7	+55 15	8.21	*8.21*	Ao	4	..	37945i
18	*3353*	55.7	+46 3	8.2	*9.2*	Ko	2	..	37878i
19	3658	55.7	+44 24	7.8	*8.6*	G5	3	..	37878i
20	3931	55.7	+42 54	8.2	*8.2*	Ao	2	..	37946i
21	4378	55.7	+40 34	7.02	*8.02*	Ko	2	..	37878i
22	4690	55.7	+ 9 36	8.6	*8.6*	Ao	3	..	14667b
23	4638	55.7	+ 0 43	9.1	*10.3*	K5	1	..	10252b
24	16649	55.7	−23 28	7.6	9.4	K5	8	..	39402b
25	14346	55.7	−38 35	8.7	10.1	F5	3	..	40944b
26	14327	55.7	−43 23	6.94	8.0	G5	..	0,8	**56**,146
27	14326	55.7	−43 53	9.5	9.5	A5	5	..	39472b
28	13758	55.7	−48 53	9.9	11.6	Go	2	..	39657b
29	2197	55.8	+58 33	8.1	*9.2*	K2	1	..	37945i
30	3956	55.8	+41 56	6.51	*6.49*	B9	6	..	37878i
31	4306	55.8	+38 25	6.69	*7.47*	G5	7	5,4	38942i
32	4673	55.8	+18 13	8.7	*9.1*	F5	1	..	38812i
33	4604	55.8	+ 7 50	8.5	*9.6*	K2	1	..	14667b
34	4480	55.8	+ 3 59	8.5	*9.5*	Ko	3	..	12331b
35	5991	55.8	−19 19	8.4	9.6	G5	3	..	40582b
36	15345	55.8	−33 52	8.2	8.5	F8	6	..	41063b
37	6193	55.8	−62 34	*9.5*	10.6	K2	1	..	19897b
38	1955	55.8	−74 34	*9.5*	10.7	K5	1	..	19966b
39	764	55.9	+75 32	6.21	*6.99*	G5	9	0,9	38025i
40	1343	55.9	+66 21	7.8	*8.8*	K	1	..	37401i
41	3246	55.9	+47 55	9.1	*9.1*	A	2	..	37946i
42	3932	55.9	+42 40	8.2	*8.2*	B8	4	2,2	1338f
43	*4304*	55.9	+32 6	7.16	*8.51*	Mb	3	..	37912i
44	4675	55.9	+18 57	5.96	*7.31*	Ma	6	..	38507i
45	..	55.9	+16 58	..	..	K5	1	..	6444m
46	4597	55.9	+13 33	9.1	*10.5*	Mb	1	..	6444m
47	4693	55.9	+ 9 36	7.6	*7.6*	Ao	7	..	14667b
48	4093	55.9	− 1 11	8.3	*9.3*	Ko	5	..	14193b
49	5909	55.9	−14 46	9.4	*9.9*	F8	2	..	45421b
50	6154	55.9	−17 15	9.2	*9.8*	Go	4	..	40582b
51	16423	55.9	−24 12	8.3	8.9	Go	6	..	39402b
52	15197	55.9	−27 17	5.92	6.4	A2	..	..	**56**,146
53	18346	55.9	−30 3	9.2	10.9	Ko	1	..	40633b
54	18345	55.9	−30 40	8.9	10.9	K5	1	..	40633b
55	14349	55.9	−38 6	8.4	10.4	Ko	3	..	40944b
56	14350	55.9	−41 3	10.0	10.4	Go	2	..	39472b
57	14349	55.9	−41 14	9.6	10.1	A3	3	..	39472b
58	15204	55.9	−42 24	9.5	11.0	Go	2	..	39472b
59	9978	55.9	−53 9	7.9	8.4	G5	7	..	39662b
60	3782	56.0	+43 50	7.49	*8.49*	Ko	2	..	37878i
61	4429	56.0	+16 41	9.3	*10.5*	K5	2	..	6444m
62	4605	56.0	+ 7 39	8.5	*9.7*	K5	1	..	14667b
63	4639	56.0	+ 0 39	7.45	*8.63*	K5	5	..	10252b
64	4145	56.0	− 0 44	9.1	*9.6*	F8	3	..	14193b
65	*5332*	56.0	− 3 50	8.0	*9.2*	K5	3	3,3	14193b
66	5498	56.0	−11 9	9.1	*9.4*	Fo	3	..	40599b
67	*5825*	56.0	−12 56	8.6	*9.6*	Ko	3	..	40621b
68	5863	56.0	−15 45	9.4	*10.0*	Go	2	..	45421b
69	*6155*	56.0	−16 50	8.0	*9.1*	K2	4	..	40582b
70	5588	56.0	−22 38	10.3	11.2	G5	2	..	39402b
71	16424	56.0	−24 0	10.6	10.6	F8	2	..	39402b
72	14810	56.0	−34 26	8.7	9.3	F5	5	R	41063b
73	*14079*	56.0	−38 55	5.94	7.3	Ko	..	0,9	**56**,146
74	6524	56.0	−61 18	9.1	10.3	K2	1	..	19897b
75	1956	56.0	−74 11	*9.5*	10.6	K2	1	..	19964b
76	1344	56.1	+66 28	8.9	*8.9*	A	1	..	37401i
77	4400	56.1	+39 51	6.64	*7.14*	F8	6	2,4	38942i
78	*4430*	56.1	+17 3	7.9	*8.7*	G5	3	0,7	38129i
79	4306	56.1	+15 40	7.9	*8.9*	Ko	3	5,7	38129i
80	4506	56.1	+14 12	9.5	*10.7*	K5	1	..	6444m
81	*5092*	56.1	− 2 55	8.0	*8.6*	Go	6	..	14193b
82	5864	56.1	−15 6	8.4	*9.4*	Ko	5	..	39479b
83	*16657*	56.1	−22 58	9.9	10.2	Ko	3	..	39402b
84	14080	56.1	−39 10	10.0	10.7	K2	3	..	40944b
85	9584	56.1	−56 32	8.8	9.9	F8	3	..	39698b
86	3403	56.1	−68 0	*9.4*	9.9	F8	3	..	20542b
87	1681	56.1	−75 35	*10.0*	10.1	A2	2	..	19964b
88	1133	56.1	−79 40	*8.2*	8.6	F5	7	..	21397b
89	3131	56.2	+46 25	8.5	*8.6*	A2	3	..	37946i
90	4507	56.2	+14 40	8.5	*9.6*	K2	4	3,1	6444m
91	4695	56.2	+ 9 22	7.9	*8.3*	F5	3	..	14667b
92	4407	56.2	+ 1 47	8.5	*9.1*	Go	4	..	10252b
93	*5911*	56.2	−13 54	9.2	*10.3*	K2	1	..	39479b
94	*6100*	56.2	−19 56	9.4	10.5	G5	2	..	40582b
95	16428	56.2	−24 38	10.4	11.2	Ko	2	..	39402b
96	14082	56.2	−39 40	9.4	10.1	Ko	3	..	40944b
97	14142	56.2	−40 42	10.0	10.7	Go	1	..	39472b
98	7803	56.2	−58 53	*9.7*	10.0	Fo	2	..	39698b
99	1170	56.3	+68 40	7.07	*8.14*	K2	3	..	37277i
100	2200	56.3	+58 45	9.3	*9.3*	Ao	1	..	19317i

200100 — $20^h\,56^m.3$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	3431	56.3	+49 49	8.9	*9.0*	A5	2	..	38796i
2	3661	56.3	+44 36	6.79	*7.57*	G5	4	..	37878i
3	3934	56.3	+42 32	7.66	*7.74*	A3	3	..	37878i
4	4365	56.3	+36 34	7.93	*9.11*	K5	1	..	37912i
5	4235	56.3	+34 50	8.4	*9.4*	Ko	2	..	37912i
6	4431	56.3	+16 50	9.1	*9.9*	G5	3	..	6444m
7	4508	56.3	+14 23	9.5	*10.5*	Ko	2	..	6444m
8	4641	56.3	+ 0 41	7.28	*8.46*	K5	5	..	10252b
9	5472	56.3	− 7 44	9.4	*10.2*	G5	2	..	40599b
10	5570	56.3	−10 12	9.2	*10.3*	K2	2	..	40599b
11	5836	56.3	−18 34	9.4	*10.4*	Ko	2	..	40582b
12	5995	56.3	−19 38	9.1	9.4	Go	3	..	40582b
13	13808	56.3	−46 26	11.0	11.0	Go	2	..	39657b
14	9979	56.3	−53 17	7.8	8.4	Ma	6	..	39662b
15	4090	56.3	−64 26	*8.2*	9.4	K5	5	..	20542b
16	3514	56.3	−66 39	*8.9*	9.5	Go	5	..	20542b
17	305	56.3	−87 36	*8.3*	9.5	K5	6	*5,3*	22980b
18	731	56.4	+78 6	8.8	*9.1*	Fo	1	..	38512i
19	795	56.4	+77 51	8.1	*9.1*	Ko	1	..	38512i
20	*3133*	56.4	+47 8	4.86	*4.62*	Bop	..	R	56,100
21	4116	56.4	+33 46	8.2	*8.3*	A2	2	..	37912i
22	4509	56.4	+14 59	10.1	*10.9*	G5	2	..	6444m
23	4452	56.4	+11 34	7.7	*8.0*	F2	4	..	38129i
24	5900	56.4	−21 31	9.2	10.2	Ko	3	..	39402b
25	5901	56.4	−21 44	9.0	9.6	G5	5	..	39402b
26	5902	56.4	−21 49	9.6	10.2	Go	4	..	39402b
27	16660	56.4	−23 10	10.6	10.2	Go	2	..	39402b
28	15202	56.4	−27 29	var.	var.	Md	..	R	M
29	14060	56.4	−37 35	9.4	9.6	F2	4	..	40944b
30	14352	56.4	−41 28	9.4	10.1	F8	3	..	39472b
31	14257	56.4	−44 50	9.5	10.6	G5	3	..	39472b
32	13809	56.4	−46 9	8.3	8.6	Fo	7	..	39657b
33	3771	56.4	−67 21	*9.0*	9.5	F8	4	..	20542b
34	2579	56.4	−72 39	*9.4*	10.4	Ko	2	..	19966b
35	4510	56.5	+14 46	9.8	*10.8*	Ko	1	..	6444m
36	4511	56.5	+14 16	10.1	*11.1*	Ko	2	..	6444m
37	4696	56.5	+ 9 43	8.7	*8.7*	Ao	4	..	14667b
38	*4642*	56.5	+ 1 7	8.24	*8.24*	Ao	3	..	38045i
39	5337	56.5	− 4 32	7.40	*8.75*	Mb	6	0,6	14193b
40	15203	56.5	−27 26	9.7	10.0	F5	2	..	40633b
41	18025	56.5	−31 10	8.1	9.2	F5	5	..	41063b
42	14815	56.5	−34 11	9.4	10.2	A3	3	..	41063b
43	14523	56.5	−35 12	9.4	10.5	Ko	2	..	41063b
44	14524	56.5	−35 42	8.7	9.9	Ko	5	..	40944b
45	14558	56.5	−36 12	9.0	9.0	A2	3	..	40939b
46	14087	56.5	−39 29	7.24	7.8	Go	..	*5,8*	56,146
47	11812	56.5	−52 51	9.1	11.0	K5	1	..	39662b
48	2829	56.5	−70 18	*8.9*	9.9	Ko	2	..	19966b
49	1279	56.6	+67 22	7.78	*8.96*	K5	2	..	37277i
50	*2077*	56.6	+62 7	7.9	*8.9*	Ko	3	2,1	38795i
51	4803	56.6	+20 12	9.00	*9.06*	A2	1	..	38812i
52	4307	56.6	+15 29	8.9	*9.7*	G5	3	..	6444m
53	*4512*	56.6	+15 7	8.24	*9.24*	Ko	5	5,1	6444m
54	4727	56.6	+ 6 46	8.6	*9.1*	F8	3	..	14667b
55	*5338*	56.6	− 3 54	9.0	*9.1*	A2	4	..	14193b
56	5440	56.6	− 5 4	8.0	*8.4*	F5	4	..	14193b
57	5890	56.6	−12 5	7.07	*7.49*	F5	9	..	40621b
58	*6101*	56.6	−19 59	9.8	11.0	G5	1	..	40582b
59	6102	56.6	−20 44	8.6	10.0	Ko	5	0,3	39402b
60	15183	56.6	−25 1	9.4	11.2	Ma	2	..	39402b
61	15354	56.6	−33 45	9.0	11.3	K2	2	..	41063b
62	14817	56.6	−34 31	9.6	10.5	F8	2	..	41063b
63	14089	56.6	−39 1	5.35	*5.63*	Fo	..	R	56,146
64	14354	56.6	−41 37	10.2	10.7	F8	2	..	39472b
65	7666	56.6	−59 0	9.2	9.5	F8	4	..	39698b
66	*4091*	56.6	−63 54	*8.2*	8.2	Ao	6	..	20542b
67	2497	56.7	+55 31	6.90	*7.97*	K2	5	..	37945i
68	4403	56.7	+39 56	8.0	*9.0*	Ko	1	..	38942i
69	4309	56.7	+31 46	8.0	*8.4*	F5	2	..	37912i
70	*4308*	56.7	+16 3	9.1	*9.1*	B9	4	..	6444m
71	6158	56.7	−17 42	8.2	*8.3*	A3	8	..	40582b
72	15184	56.7	−25 16	7.6	9.2	G5	4	..	40637b
73	13811	56.7	−46 44	9.9	9.8	F8	3	..	39657b
74	13307	56.7	−49 21	11.0	11.6	F5	1	..	39657b
75	13221	56.7	−50 12	9.3	10.4	Go	3	0,2	39657b
76	1471	56.7	−76 42	*9.8*	10.4	Go	3	..	19964b
77	3260	56.8	+48 17	7.08	*7.08*	Ao	5	..	37946i
78	*3936*	56.8	+43 10	8.2	*8.3*	A2	2	..	37878i
79	3963	56.8	+41 48	8.9	*8.9*	Ao	1	..	38942i
80	4309	56.8	+15 36	10.5	*11.5*	Ko	1	..	6444m
81	5340	56.8	− 4 16	9.2	*10.2*	Ko	2	..	14193b
82	5867	56.8	−15 49	9.2	*9.2*	Ao	2	..	40582b
83	5840	56.8	−18 0	9.2	*9.3*	A5	3	..	40582b
84	5839	56.8	−18 22	9.8	*10.2*	F5	4	..	40582b
85	5903	56.8	−21 10	9.8	11.0	Ko	1	..	39402b
86	5591	56.8	−22 43	9.2	10.2	Ko	3	..	39402b
87	*15356*	56.8	−32 58	8.4	8.5	F5	8	..	41063b
88	13762	56.8	−48 53	11.0	11.0	F5	4	..	39657b
89	12798	56.8	−51 6	9.7	10.4	F2	3	..	39662b
90	9794	56.8	−54 47	8.6	9.0	G5	5	..	39662b
91	9505	56.8	−55 44	8.6	9.7	Go	6	R	39698b
92	9506	56.8	−55 44		9.9				
93	4382	56.9	+40 17	8.62	*8.62*	Ao	3	..	38942i
94	4524	56.9	+12 32	10.5	*11.9*	Mb	..	..	M
95	*4728*	56.9	+ 7 8	7.9	*7.9*	Ao	6	..	14667b
96	4148	56.9	− 0 24	8.9	*9.7*	G5	4	..	14193b
97	5575	56.9	−10 4	9.1	*9.7*	Go	4	..	40599b
98	6104	56.9	−20 50	9.2	10.2	Go	4	..	39402b
99	17504	56.9	−29 30	6.77	7.0	Ao	9	..	40633b
100	18031	56.9	−31 52	8.9	9.4	Go	2	..	41063b

200200 — $20^h 56^m.9$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14821	56.9	−34 5	10.2	10.8	G5	1	..	41063b
2	14062	56.9	−37 51	10.2	10.2	F2	1	..	40944b
3	7667	56.9	−59 19	7.9	7.4	A2	4	0,9	44240b
4	517	56.9	−85 9	7.76	8.2	F8	5	3,7	15173b
5	*2201*	57.0	+59 2	5.75	*6.82*	K2	7	..	37945i
6	2456	57.0	+54 49	7.06	*8.13*	K2	4	..	37945i
7	4141	57.0	+37 15	8.0	*8.8*	G5	3	..	38942i
8	4366	57.0	+36 58	8.02	*8.10*	A3	4	1,3 R	38942i
9	*4120*	57.0	+34 1	8.6	*8.6*	Ao	3	..	37912i
10	4488	57.0	+ 3 22	8.3	*8.7*	F5	2	..	38045i
11	5576	57.0	−10 39	9.4	*10.4*	Ko	1	..	40599b
12	*5830*	57.0	−12 51	7.30	*8.37*	K2	6	..	40621b
13	*5769*	57.0	−15 52	7.76	*8.54*	G5	6	..	40582b
14	5841	57.0	−18 25	10.3	*11.1*	G5	1	..	40582b
15	14063	57.0	−37 9	9.3	9.9	F5	3	..	40944b
16	14352	57.0	−38 27	9.0	10.4	Go	2	..	40944b
17	15214	57.0	−42 10	10.6	11.1	F8	1	..	39472b
18	7668	57.0	−59 41	8.9	9.4	F8	5	..	39698b
19	3405	57.0	−68 1	*9.6*	10.4	G5	3	..	20542b
20	1472	57.0	−76 22	*7.5*	8.0	F8	8	..	19964b
21	*389*	57.0	−85 57	*8.5*	8.6	A2	6	..	15173b
22	4408	57.1	+39 35	8.0	*8.0*	Ao	3	..	37878i
23	4050	57.1	+26 20	8.4	*8.5*	A2	2	..	21671i
24	4439	57.1	+21 27	8.4	*9.4*	Ko	1	..	38812i
25	..	57.1	+16 42	..	..	A	2	..	6444m
26	5341	57.1	− 4 6	9.4	*10.5*	K2	2	..	14193b
27	*5577*	57.1	− 9 51	7.76	*8.83*	K2	6	..	40599b
28	5578	57.1	−10 24	6.82	*8.17*	Mb	9	..	40599b
29	5502	57.1	−11 35	8.6	*8.9*	Fo	7	..	40621b
30	*5831*	57.1	−12 54	9.2	*9.5*	F2	3	..	40621b
31	5915	57.1	−14 32	9.0	*10.2*	K5	3	0,2	39479b
32	5770	57.1	−16 13	9.4	*10.2*	G5	2	..	45421b
33	5998	57.1	−19 39	7.14	8.4	Ko	6	..	40582b
34	14823	57.1	−34 9	9.6	10.8	K2	1	..	41063b
35	14537	57.1	−35 48	10.0	10.5	Go	2	..	41063b
36	14146	57.1	−40 4	8.8	10.1	Go	5	..	40944b
37	15216	57.1	−42 29	9.1	11.0	Ko	1	..	39472b
38	13813	57.1	−46 46	10.1	11.0	Ko	1	..	39657b
39	9586	57.1	−56 44	9.3	10.2	Go	2	..	39698b
40	2846	57.2	+52 17	8.7	*8.8*	A2	1	..	38796i
41	3669	57.2	+44 23	9.1	*9.7*	G	1	..	37946i
42	4525	57.2	+12 56	8.1	*8.1*	B9	7	..	38129i
43	5771	57.2	−16 47	9.6	*10.7*	K2	1	..	40582b
44	16666	57.2	−23 19	10.6	10.5	Go	2	..	39402b
45	17077	57.2	−28 7	6.19	7.4	Ko	..	0,9	56,146
46	14094	57.2	−39 18	9.4	10.7	Go	2	..	40944b
47	13814	57.2	−46 50	10.6	11.0	G5	1	..	39657b
48	13768	57.2	−48 21	7.02	8.1	Ko	9	..	39657b
49	13225	57.2	−50 50	6.51	8.3	K2	8	..	39662b
50	3406	57.2	−68 20	*9.2*	9.2	Ao	6	..	20542b
51	765	57.3	+75 20	6.86	*7.93*	K2	5	..	38936i
52	3140	57.3	+46 42	9.3	*9.3*	Ao	1	..	37946i
53	4357	57.3	+35 38	6.08	*7.08*	Ko	6	0,7	37948i
54	4806	57.3	+20 42	7.57	*8.35*	G5	2	..	37940i
55	4599	57.3	+13 59	9.8	*10.8*	Ko	1	..	6444m
56	4731	57.3	+ 6 48	6.64	*7.14*	F8	8	..	14667b
57	5552	57.3	− 8 43	10.3	*10.3*	Ao	2	..	40599b
58	5580	57.3	−10 37	8.7	*9.7*	Ko	4	..	40599b
59	6105	57.3	−20 3	9.2	10.2	F8	2	..	40582b
60	5592	57.3	−22 22	8.2	9.0	Ko	7	..	39402b
61	14359	57.3	−41 5	9.4	8.6	Ao	7	..	39472b
62	14360	57.3	−41 6	8.0	8.9	G5	6	..	39472b
63	14265	57.3	−44 15	10.1	11.5	Ko	1	..	39472b
64	11815	57.3	−52 17	8.3	9.0	F2	7	..	39662b
65	1682	57.3	−75 44	*9.6*	10.7	K2	1	..	19964b
66	1473	57.3	−76 36	6.46	7.2	Ko	5	0,10	36826b
67	390	57.3	−86 3	7.37	9.2	K5	4	..	15173b
68	1487	57.4	+64 49	9.3	*9.4*	A5	2	E	37277i
69	3141	57.4	+46 11	7.7	*7.7*	B8	..	0,4	56,100
70	3946	57.4	+27 42	7.6	*8.1*	F8	5	..	21671i
71	4680	57.4	+18 37	8.5	*9.9*	Mb	..	..	M
72	*4516*	57.4	+15 5	9.29	*9.71*	F5	3	..	6444m
73	*4600*	57.4	+14 2	8.6	*8.7*	A5	4	3,6	38129i
74	*4596*	57.4	+ 5 10	9.01	*10.08*	K2	1	..	14194b
75	4644	57.4	+ 0 14	8.78	*9.56*	G5	3	..	14193b
76	*5657*	57.4	− 5 54	9.2	*10.3*	K2	1	..	40599b
77	5917	57.4	−14 47	9.21	*9.21*	Ao	4	0,3	40621b
78	*5772*	57.4	−15 57	9.8	*10.4*	Go	1	..	45421b
79	5842	57.4	−18 49	9.4	*9.9*	F8	2	..	40582b
80	*16368*	57.4	−31 59	9.0	9.4	Go	3	..	41063b
81	14168	57.4	−45 10	10.1	10.4	Fo	4	..	39472b
82	*13819*	57.4	−45 58	10.6	10.1	F8	3	..	39657b
83	13818	57.4	−46 33	11.0	10.6	Go	2	..	39657b
84	9508	57.4	−55 44	*9.2*	9.7	F8	3	..	39698b
85	3155	57.4	−69 2	*8.1*	9.3	K5	5	..	20542b
86	..	57.4	−82 30	var.	var.	Md	..	R	M
87	1172	57.5	+68 38	9.5	*9.6*	A5	1	..	38573i
88	*4025*	57.5	+33 9	8.6	*9.7*	K2	1	..	38894i
89	4282	57.5	+29 14	7.8	*7.8*	B8	5	..	21671i
90	4216	57.5	+23 16	7.84	*8.34*	F8	2	..	37940i
91	4434	57.5	+16 51	9.8	*10.3*	F8	2	..	6444m
92	4601	57.5	+13 41	9.1	*10.5*	Ma	1	..	6444m
93	*5581*	57.5	− 9 56	9.8	*10.8*	Ko	1	..	40599b
94	5504	57.5	−11 18	9.1	*10.2*	K2	1	..	40599b
95	5871	57.5	−15 35	9.8	*10.3*	F8	2	..	45421b
96	5843	57.5	−18 37	10.0	*10.6*	Go	3	..	40582b
97	5999	57.5	−19 43	8.33	9.3	Go	4	..	40582b
98	6107	57.5	−20 43	9.8	10.5	F5	2	..	39402b
99	15195	57.5	−25 28	7.56	8.1	Ao	7	..	40637b
100	17508	57.5	−29 6	9.7	10.6	Go	2	..	40633b

200300

$20^h\,57^m.5$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14360	57.5	−38 38	9.1	10.1	F8	2	..	40944b
2	12801	57.5	−51 40	7.3	8.6	Ko	8	..	39662b
3	9786	57.5	−57 29	*10.3*	11.3	Ko	2	..	39382b
4	7445	57.5	−60 48	8.38	9.5	Ko	4	..	19897b
5	6194	57.5	−62 7	*8.9*	9.7	G5	3	..	19897b
6	4092	57.5	−64 10	*9.5*	10.0	F8	3	..	20542b
7	709	57.5	−83 40	7.58	9.4	Ko	6	..	21397b
8	2078	57.6	+61 28	8.1	*8.2*	A2	4	2,2	38795i
9	2500	57.6	+55 22	8.7	*9.8*	K2	1	..	37945i
10	3364	57.6	+45 46	5.24	*5.07*	B3	..	3,10	**56**,100
11	3786	57.6	+43 19	7.9	*7.9*	Ao	4	..	37878i
12	4435	57.6	+16 45	9.8	*11.0*	K5	1	..	6444m
13	4436	57.6	+16 24	8.5	*8.8*	Fo	6	0,3	6444m
14	4314	57.6	+15 22	9.5	*10.6*	K2	1	..	6444m
15	5476	57.6	− 7 44	7.8	*8.3*	F8	7	..	40599b
16	16438	57.6	−24 12	9.9	11.2	Ko	1	..	39402b
17	17079	57.6	−28 18	9.4	10.0	Go	3	..	40633b
18	18038	57.6	−31 6	8.9	10.3	K5	1	..	41063b
19	14151	57.6	−40 25	9.0	9.5	A3	4	..	39472b
20	14342	57.6	−43 21	8.9	9.5	F8	6	..	39472b
21	14171	57.6	−45 32	10.6	11.0	K2	2	..	39472b
22	9587	57.6	−56 31	8.6	9.9	Ko	3	..	39698b
23	3515	57.6	−66 36	*10.0*	10.6	Go	2	..	20542b
24	2830	57.6	−70 0	8.68	9.3	A2	6	..	19966b
25	4389	57.7	−40 13	7.12	*7.54*	F5	4	3,3	38942i
26	4289	57.7	+ 2 57	6.68	*7.68*	Ko	4	..	38045i
27	5506	57.7	−11 28	9.2	*9.3*	A3	4	..	40621b
28	5872	57.7	−15 14	8.6	*9.8*	K5	3	..	40621b
29	*5844*	57.7	−17 52	8.6	*9.6*	Ko	7	..	40582b
30	6108	57.7	−20 8	8.4	8.7	Ao	5	..	40582b
31	*5595*	57.7	−21 56	8.5	9.4	Ko	6	..	39402b
32	*15361*	57.7	−32 54	9.0	9.4	F8	6	..	41063b
33	14172	57.7	−45 5	10.6	11.3	Go	1	..	39472b
34	13822	57.7	−46 39	7.14	7.5	F8	9	..	39657b
35	12802	57.7	−51 0	9.7	10.4	Ao	3	..	39662b
36	11817	57.7	−52 8	8.7	9.5	F5	5	..	39662b
37	7804	57.7	−58 31	*9.7*	10.3	Go	2	..	39382b
38	*2204*	57.8	+59 1	8.9	*9.7*	G5	1	..	19317i
39	4647	57.8	+ 0 59	8.7	*9.8*	K2	4	..	10252b
40	4095	57.8	− 1 19	6.31	*6.26*	B8	7	1,6-	23752i
41	5555	57.8	− 8 12	8.6	*9.2*	Go	4	..	40599b
42	5507	57.8	−11 27	8.7	*8.7*	Ao	7	..	40621b
43	15364	57.8	−33 41	9.4	11.3	Go	1	..	41063b
44	*14364*	57.8	−37 56	8.0	9.2	Go	5	..	40944b
45	*14344*	57.8	−42 56	9.5	10.4	G5	4	..	39472b
46	14345	57.8	−43 29	7.4	8.3	Ko	6	..	39472b
47	13226	57.8	−50 0	9.9	11.6	K5	1	..	39657b
48	9589	57.8	−56 51	9.3	10.2	Go	2	..	39698b
49	7670	57.8	−59 32	*9.2*	10.2	Ko	2	..	39698b
50	1959	57.8	−74 11	*9.3*	10.1	G5	1	..	19966b
51	4316	57.9	+31 50	8.8	*8.8*	Ao	2	..	37912i
52	4278	57.9	+22 56	7.21	*7.19*	B9	6	..	37940i
53	4492	57.9	+17 34	8.5	*9.5*	Ko	1	E	38129i
54	4457	57.9	+11 16	7.35	*7.43*	A3	7	..	38129i
55	4598	57.9	+ 4 50	8.7	*9.0*	Fo	4	..	14194b
56	4098	57.9	− 1 43	7.32	*7.66*	F2	7	0,4	14193b
57	5659	57.9	− 6 34	8.8	*9.8*	Ko	2	..	40599b
58	5846	57.9	−18 6	10.3	*10.9*	Go	1	..	45421b
59	16668	57.9	−23 2	9.2	9.4	Go	5	..	39402b
60	14577	57.9	−36 12	9.0	9.4	F5	4	..	40944b
61	14270	57.9	−44 51	9.16	9.8	G5	3	..	39657b
62	14173	57.9	−45 54	10.6	10.6	F8	2	..	39657b
63	13308	57.9	−49 30	10.6	11.3	Go	2	..	39657b
64	9797	57.9	−54 12	9.3	9.9	Fo	3	..	39662b
65	9509	57.9	−55 7	5.20	6.4	Ko	..	0,7 R	**56**,146
66	7446	57.9	−60 29	*9.2*	10.3	K2	1	..	39382b
67	..	57.9	−63 29	..	..	K5	1	..	19897b
68	2205	58.0	+58 12	8.1	*8.1*	Ao	2	..	37945i
69	3144	58.0	+46 48	8.9	*9.0*	A2	2	..	37946i
70	4318	58.0	+38 51	7.50	*7.78*	Fo	4	0,3	38942i
71	4375	58.0	+36 18	8.14	*9.32*	K5	1	..	38894i
72	4444	58.0	+21 16	7.7	*8.7*	Ko	2	..	38812i
73	4449	58.0	+10 52	7.9	*8.2*	Fo	3	..	38129i
74	4413	58.0	+ 1 18	7.47	*8.47*	Ko	5	..	10252b
75	*4648*	58.0	+ 1 8	6.50	*6.92*	F5	7	..	38045i
76	5508	58.0	−11 14	10.0	*10.0*	Ao	2	..	40599b
77	5896	58.0	−12 17	9.4	*9.7*	F2	3	..	40621b
78	5874	58.0	−15 34	8.7	*9.7*	Ko	2	..	40582b
79	16443	58.0	−24 43	7.74	8.1	F5	6	..	40637b
80	15217	58.0	−27 26	9.1	10.1	K2	2	..	40637b
81	15366	58.0	−33 30	10.9	10.3	Go	3	..	41063b
82	14547	58.0	−35 12	9.4	10.5	Ko	2	..	41063b
83	14581	58.0	−36 46	9.0	9.3	A5	5	..	40944b
84	14273	58.0	−44 8	9.9	11.0	K5	1	..	39472b
85	9798	58.0	−54 34	9.1	9.6	F2	4	..	39662b
86	*2190*	58.1	+61 6	7.43	*8.43*	Ko	4	0,2	38795i
87	2982	58.1	+51 44	7.87	*8.94*	K2	3	..	38796i
88	4413	58.1	+39 55	7.77	*7.77*	Ao	2	..	37878i
89	4376	58.1	+36 34	7.8	*7.9*	A2	3	..	37948i
90	*4284*	58.1	+30 8	7.81	*7.87*	A2	3	..	37912i
91	3952	58.1	+27 24	7.16	*7.72*	Go	6	..	21671i
92	4445	58.1	+21 17	7.9	*8.2*	Fo	3	..	38812i
93	4317	58.1	+15 35	7.04	*8.39*	Ma	4	0,7	38129i
94	4532	58.1	+12 33	8.3	*8.3*	Ao	5	..	38129i
95	*5645*	58.1	− 8 59	9.4	*10.4*	Ko	2	..	40599b
96	5921	58.1	−14 7	9.2	*10.3*	K2	1	..	40621b
97	5875	58.1	−15 40	9.4	*10.0*	Go	2	..	45421b
98	*6162*	58.1	−16 52	10.3	*10.9*	Go	1	..	45421b
99	5906	58.1	−21 15	9.8	10.5	Ko	1	..	39402b
100	5598	58.1	−22 7	10.5	10.5	F8	2	..	39402b

200400 — $20^h\,58^m.1$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	5597	58.1	−22 43	10.0	10.2	F5	4	..	39402b
2	16444	58.1	−24 2	10.2	10.9	Go	2	..	39402b
3	14101	58.1	−39 24	10.0	10.9	F8	2	..	40944b
4	1960	58.1	−74 1	*10.0*	10.4	F5	1	..	19966b
5	3256	58.2	+47 31	8.6	*8.7*	A2	2	..	37946i
6	*3145*	58.2	+47 6	7.7	*8.2*	F8	3	..	37946i
7	3789	58.2	+43 47	6.72	*6.78*	A2	6	..	37878i
8	4246	58.2	+34 23	8.7	*10.1*	Mb	..	..	M
9	4125	58.2	+33 20	7.72	*8.14*	F5	4	5,4	38942i
10	4318	58.2	+15 49	8.7	*9.7*	Ko	4	0,1	6444m
11	*5101*	58.2	− 2 59	8.0	*8.3*	Fo	6	0,6	14193b
12	5446	58.2	− 5 2	9.4	*10.5*	K2	2	..	40599b
13	5447	58.2	− 5 46	8.0	*9.0*	Ko	6	..	14193b
14	5837	58.2	−13 15	8.0	*8.0*	Ao	9	..	40621b
15	6165	58.2	−17 35	10.3	*10.4*	A2	2	..	40582b
16	5847	58.2	−18 31	9.8	*10.4*	Go	1	..	45421b
17	6112	58.2	−20 1	8.4	9.4	G5	3	..	40582b
18	5907	58.2	−21 9	8.4	8.7	F5	6	..	39402b
19	17521	58.2	−29 32	8.20	8.8	F8	6	..	40633b
20	14584	58.2	−36 26	10.0	9.9	Ko	3	..	40944b
21	15226	58.2	−42 52	9.0	10.4	Ko	3	..	39472b
22	13228	58.2	−50 53	9.9	10.1	F5	3	..	39662b
23	9788	58.2	−57 15	8.5	9.7	Ko	4	..	39698b
24	7805	58.2	−58 8	8.7	8.8	F8	7	..	39698b
25	4442	58.3	+25 46	8.0	*8.8*	G5	2	..	37940i
26	4448	58.3	+21 25	7.34	*7.32*	B9	6	..	37940i
27	4438	58.3	+16 10	9.1	*10.1*	Ko	2	..	6444m
28	4320	58.3	+15 23	7.69	*8.47*	G5	6	R	6444m
29		58.3	+15 23			A5			
30	4518	58.3	+14 20	6.38	*7.73*	Ma	7	0,8	38129i
31	4603	58.3	+13 36	9.1	*9.4*	F2	4	6,1	6444m
32	4613	58.3	+ 7 31	8.9	*9.2*	F2	2	..	14667b
33	*5434*	58.3	− 1 58	6.78	*7.20*	F5	8	3,6	14193b
34	5435	58.3	− 2 31	8.8	*9.8*	Ko	1	..	14193b
35	5433	58.3	− 2 43	7.06	*8.06*	Ko	6	5,7	22768b
36	5897	58.3	−12 23	9.4	*9.7*	Fo	3	..	40621b
37	6166	58.3	−17 46	9.6	*10.6*	Ko	1	..	40582b
38	5849	58.3	−18 31	8.0	*8.3*	F2	8	..	40582b
39	5848	58.3	−18 33	9.4	*9.7*	Fo	2	..	45421b
40	*14550*	58.3	−34 54	9.1	10.0	F8	3	..	41063b
41	14156	58.3	−40 52	9.1	11.1	K5	1	..	39472b
42	14365	58.3	−41 11	10.4	10.1	Go	4	..	39472b
43	*14178*	58.3	−44 55	10.1	10.7	Go	2	..	39472b
44	14177	58.3	−45 9	9.9	10.4	Go	3	..	39472b
45	7448	58.3	−60 7	*9.7*	10.3	Go	3	..	39382b
46	3772	58.3	−67 30	*10.7*	11.5	G5	2	..	20542b
47	1037	58.4	+71 57	8.19	*8.25*	A2	3	..	38025i
48	3257	58.4	+47 25	8.0	*9.1*	K2	2	..	38796i
49	3146	58.4	+46 10	8.8	*9.6*	G5	1	..	37946i
50	4293	58.4	+30 18	8.61	*9.11*	F8	1	..	32009i
51	*4443*	58.4	+26 6	7.42	*8.60*	K5	1	..	37940i
52	4519	58.4	+14 11	9.1	*9.4*	F	1	..	6444m
53	4490	58.4	+ 3 10	8.1	*8.2*	A2	3	..	38045i
54	5661	58.4	− 6 39	8.6	*9.2*	Go	4	..	40599b
55	5584	58.4	−10 19	8.6	*9.6*	Ko	5	..	40599b
56	5850	58.4	−18 38	9.2	*9.3*	A3	3	..	40582b
57	6113	58.4	−20 4	9.4	9.6	A2	3	..	40582b
58	*17089*	58.4	−27 56	8.2	9.2	Ko	5	..	40633b
59	15374	58.4	−33 3	9.4	10.0	Go	3	..	41063b
60	..	58.4	−33 40	var.	var.	Md	2	R	41063b
61	14367	58.4	−41 39	9.4	10.1	F8	3	..	39472b
62	*7806*	58.4	−57 59	8.4	9.2	Ko	7	..	39698b
63	944	58.4	−81 44	*8.8*	9.2	F5	4	..	21397b
64	2506	58.5	+55 52	8.1	*8.1*	Ao	3	..	37945i
65	*4321*	58.5	+39 6	6.54	*7.61*	K2	5	..	38942i
66	4153	58.5	+37 15	7.7	*8.5*	G5	2	..	37948i
67	4248	58.5	+34 57	8.6	*8.7*	A5	2	..	38894i
68	3953	58.5	+27 55	7.7	*7.8*	A2	4	..	21671i
69	*4440*	58.5	+17 4	9.5	*9.5*	A	3	..	6444m
70	4441	58.5	+16 14	9.8	*10.8*	Ko	2	..	6444m
71	5509	58.5	−11 34	9.2	*10.2*	Ko	1	..	40621b
72	15228	58.5	−42 53	9.0	10.9	Ko	2	..	39472b
73	11819	58.5	−52 14	8.9	9.8	Go	3	..	39662b
74	9789	58.5	−57 32	8.4	8.4	Go	7	..	39698b
75	2191	58.5	−73 48	*7.9*	8.0	A3	7	..	42475b
76	1173	58.6	+68 25	9.0	*10.0*	Ko	1	..	38573i
77	3264	58.6	+47 13	7.9	*8.7*	G5	2	..	37946i
78	3149	58.6	+46 37	7.68	*7.68*	Ao	2	..	37878i
79	*4294*	58.6	+31 5	8.6	*8.6*	Ao	2	..	37912i
80	5878	58.6	−15 0	9.6	*9.7*	A2	3	..	40621b
81	*6008*	58.6	−18 56	8.5	8.4	Fo	6	..	40582b
82	5909	58.6	−21 43	10.8	11.2	F8	1	..	39402b
83	5600	58.6	−22 35	9.8	10.0	F5	4	..	39402b
84	*15404*	58.6	−25 59	9.7	10.9	Ko	3	..	39402b
85	15402	58.6	−26 2	11.4	10.9	Fo	2	..	39402b
86	15222	58.6	−27 8	8.28	8.5	A2	8	..	40637b
87	14371	58.6	−41 13	10.7	11.7	Ko	2	..	39472b
88	13823	58.6	−46 6	9.2	9.2	F2	5	..	39657b
89	13231	58.6	−50 32	9.5	9.5	F5	4	..	39662b
90	6196	58.6	−62 11	*8.9*	10.0	K2	3	..	19897b
91	3970	58.7	+28 35	8.2	*9.2*	Ko	2	..	21671i
92	4442	58.7	+16 30	9.8	*10.4*	Go	3	..	6444m
93	4520	58.7	+14 57	9.1	*9.1*	Ao	5	2,2	6444m
94	4294	58.7	+ 2 32	7.9	*8.9*	Ko	2	..	38045i
95	5348	58.7	− 4 4	8.7	*9.7*	Ko	4	..	14193b
96	5664	58.7	− 6 13	7.31	*7.39*	A3	10	R	22768b
97		58.7	− 6 13	5.89	*6.31*	F5			
98	*5851*	58.7	−17 56	8.9	*9.5*	Go	4	..	40582b
99	6115	58.7	−20 15	4.93	*5.01*	A3	..	R	28,215
100	14834	58.7	−34 14	10.2	10.8	A2	2	..	41063b

200500 — 20h 58m.7

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	14182	58.7	−45 7	8.9	9.8	Ko	4	..	39657b
2	14179	58.7	−45 38	7.9	8.6	F5	7	..	39657b
3	13776	58.7	−48 13	9.5	10.1	K2	6	..	39657b
4	13313	58.7	−49 9	11.6	11.3	F5	1	..	39657b
5	3408	58.7	−68 19	*8.5*	9.5	Ko	5	..	20542b
6	1156	58.8	+70 35	8.04	*8.10*	A2	4	0,4	38936i
7	1174	58.8	+68 58	8.7	*9.5*	G5	1	..	38573i
8	3150	58.8	+46 18	8.8	*9.8*	K	1	..	37946i
9	3792	58.8	+43 45	8.7	*8.7*	A	2	..	37946i
10	4320	58.8	+31 57	7.17	*8.24*	K2	3	2,3	37912i
11	4444	58.8	+25 30	8.0	*8.1*	A2	2	..	37940i
12	*4222*	58.8	+24 3	7.74	*9.09*	Ma	1	..	37940i
13	4609	58.8	+19 56	9.1	*10.2*	K2	1	..	38812i
14	4498	58.8	+17 19	9.0	*9.0*	Ao	3	..	38129i
15	5562	58.8	− 8 35	9.0	*10.0*	Ko	3	..	40599b
16	5511	58.8	−11 46	Neb.	Neb.	Pe	5	R	40621b
17	5898	58.8	−12 22	9.6	*9.6*	Ao	3	..	40621b
18	5779	58.8	−16 12	8.8	*9.9*	K2	1	..	40582b
19	5778	58.8	−16 50	8.4	*9.4*	Ko	4	..	40582b
20	16677	58.8	−23 27	10.9	11.0	Go	1	..	39402b
21	14086	58.8	−37 37	6.94	7.9	Ko	..	0,8	**56**,146
22	*14157*	58.8	−39 58	9.3	10.1	F8	5	..	40944b
23	9985	58.8	−53 49	*10.5*	10.5	Ao	2	..	39662b
24	9801	58.8	−54 6	*10.4*	10.8	F5	1	..	39662b
25	2192	58.8	−73 34	5.83	6.5	Go	..	2,10	**56**,146
26	518	58.8	−85 42	*7.8*	7.9	A2	8	..	15173b
27	3679	58.9	+44 25	6.38	*7.73*	Mb	4	5,4	37946i
28	4393	58.9	+40 53	var.	var.	Ao	3	R	38942i
29	4323	58.9	+38 11	8.7	*10.1*	Mb	2	..	16270m
30	4379	58.9	+36 45	7.84	*8.84*	Ko	3	..	38894i
31	4252	58.9	+34 38	8.2	*8.5*	F2	3	3,2	38894i
32	*4444*	58.9	+17 4	10.1	*10.1*	Ao	4	..	6444m
33	4443	58.9	+16 24	9.3	*10.1*	G5	3	..	6444m
34	4736	58.9	+ 6 35	8.1	*8.7*	Go	2	..	14667b
35	4492	58.9	+ 3 42	8.5	*9.7*	K5	3	..	12331b
36	6010	58.9	−19 7	9.4	10.0	F8	2	..	40582b
37	*16384*	58.9	−31 56	9.4	10.3	Ko	1	..	41063b
38	15379	58.9	−33 13	7.5	8.2	Go	9	..	41063b
39	*13682*	58.9	−46 54	7.9	8.3	Fo	7	..	39657b
40	11821	58.9	−52 46	8.1	9.2	F5	6	..	39662b
41	9986	58.9	−53 18	8.3	8.4	F5	7	..	39662b
42	9512	58.9	−55 38	*9.4*	10.2	G5	2	..	39698b
43	3517	58.9	−66 4	*9.9*	10.3	F5	1	..	20542b
44	357	59.0	+85 11	8.98	*9.48*	F8	1	..	37294i
45	596	59.0	+83 33	7.22	*7.56*	F2	5	..	37294i
46	4062	59.0	+26 56	7.23	*8.41*	K5	3	..	21671i
47	*4522*	59.0	+15 7	9.04	*10.11*	K2	3	..	6444m
48	4417	59.0	+ 1 34	8.9	*10.1*	K5	2	..	14193b
49	5351	59.0	− 4 4	9.8	*9.9*	A2	2	..	14193b
50	5780	59.0	−16 2	8.7	*9.2*	F8	4	..	40582b
51	R	59.0	−22 53	9.7	11.0	Ko	1	..	39402b
52	16386	59.0	−32 45	8.0	7.9	A2	9	..	41063b
53	*14278*	59.0	−43 55	7.2	7.9	Ko	..	0,9	**56**,146
54	14186	59.0	−45 21	7.1	7.9	Ko	9	5,10	39657b
55	13826	59.0	−46 6	11.6	10.7	Ao	2	..	39657b
56	13779	59.0	−48 35	11.0	11.6	Go	1	..	39657b
57	7671	59.0	−59 36	*9.9*	10.0	A2	3	..	39698b
58	1683	59.0	−75 46	*8.9*	9.2	Fo	6	..	19964b
59	3443	59.1	+49 15	8.0	*8.0*	Ao	4	..	37946i
60	3371	59.1	+45 29	8.1	*9.2*	K2	3	..	37946i
61	3680	59.1	+44 14	7.7	*8.7*	Ko	2	5,2	37878i
62	4321	59.1	+31 37	8.2	*9.2*	Ko	1	..	37912i
63	4224	59.1	+23 35	7.45	*8.80*	Mb	3	..	37940i
64	4445	59.1	+16 48	10.1	*11.3*	K5	2	..	6444m
65	4493	59.1	+ 3 36	8.5	*9.3*	G5	4	..	12331b
66	4100	59.1	− 1 6	9.1	*9.5*	F5	2	..	14193b
67	5479	59.1	− 7 27	8.4	*9.4*	Ko	6	..	40599b
68	5648	59.1	− 9 39	9.11	*10.11*	Ko	2	..	40599b
69	5910	59.1	−21 39	10.0	10.5	F8	2	..	39402b
70	15230	59.1	−27 37	9.9	10.0	G5	1	..	40637b
71	14358	59.1	−43 19	10.6	11.0	Go	2	..	39472b
72	*14279*	59.1	−43 59	9.9	11.3	Go	1	..	39472b
73	3773	59.1	−67 18	*9.7*	10.2	F8	2	..	20542b
74	3156	59.1	−69 38	*8.4*	8.7	Fo	7	..	20542b
75	2523	59.2	+56 40	6.70	*6.65*	B8	7	..	37945i
76	3266	59.2	+47 39	6.95	*8.13*	K5	4	..	37946i
77	4325	59.2	+38 16	6.22	*7.22*	Ko	..	0,5	2742c
78	3974	59.2	+28 43	6.97	*7.97*	Ko	6	..	21671i
79	4454	59.2	+21 42	8.8	*8.9*	A2	2	..	38812i
80	4295	59.2	+ 2 36	8.1	*8.6*	F8	3	..	38045i
81	*5438*	59.2	− 1 55	9.4	*10.2*	G5	1	..	14193b
82	6167	59.2	−17 33	7.23	*7.37*	A5	8	..	40582b
83	*5911*	59.2	−20 53	9.6	10.5	F8	2	..	39402b
84	16454	59.2	−24 1	8.9	9.4	Go	6	..	39402b
85	15409	59.2	−26 2	9.4	10.9	G5	2	..	39402b
86	18055	59.2	−31 45	9.2	11.3	Ko	1	..	41063b
87	14162	59.2	−40 40	10.4	11.3	G5	2	..	39472b
88	11822	59.2	−52 18	*9.6*	9.9	Fo	2	..	39662b
89	9513	59.2	−55 21	7.5	7.6	F2	8	0,7-	39662b
90	*7450*	59.2	−59 56	8.7	9.1	F5	4	3,5-	39698b
91	7449	59.2	−60 14	*9.5*	10.3	G5	3	..	39382b
92	6528	59.2	−61 21	9.1	10.0	Ko	2	..	19897b
93	2273	59.3	+57 23	6.93	*6.91*	B9	7	..	37945i
94	2854	59.3	+52 11	7.9	*7.9*	Ao	3	..	38796i
95	3374	59.3	+45 27	6.23	*6.18*	B8	..	3,8	**56**,100
96	4418	59.3	+39 36	8.4	*9.0*	Go	1	..	38942i
97	4382	59.3	+36 22	8.0	*8.0*	Ao	2	..	37948i
98	4607	59.3	+13 59	7.9	*8.0*	A2	6	2,7	38129i
99	4538	59.3	+12 18	8.3	*9.5*	K5	1	..	38129i
100	4465	59.3	+11 22	8.9	*10.0*	K2	1	..	38129i

200600 — $20^h\ 59^m.3$

H.D.	DM.	R.A. 1900	Dec. 1900	Ptm.	Ptg.	Sp.	Int.	Rem.	Pl. No.
		m.	° ′						
1	4713	59.3	+ 9 37	8.9	*9.0*	A2	3	..	14667b
2	*5108*	59.3	− 2 52	9.4	*9.9*	F8	1	..	14193b
3	5588	59.3	−10 2	9.6	*10.1*	F8	2	..	40599b
4	5781	59.3	−16 10	9.4	*9.4*	Ao	2	..	40582b
5	5601	59.3	−22 10	9.4	10.5	K5	2	..	39402b
6	16680	59.3	−23 5	10.2	10.2	F8	3	..	39402b
7	17535	59.3	−29 51	9.5	9.7	F8	1	..	40637b
8	14591	59.3	−36 52	8.0	9.3	Go	6	..	40944b
9	14107	59.3	−39 7	9.4	10.4	F8	3	..	40944b
10	14375	59.3	−41 29	10.4	10.9	Ao	2	..	39472b
11	13829	59.3	−46 41	10.1	10.4	G5	3	..	37657b
12	3774	59.3	−67 26	*9.7*	10.2	F8	3	..	20542b
13	1532	59.4	+65 11	8.80	*8.80*	A	1	E	37277i
14	2524	59.4	+56 16	5.74	*5.72*	B9	9	1,10	37945i
15	*3267*	59.4	+48 8	8.0	*8.0*	B9	4	..	37946i
16	4159	59.4	+37 46	8.02	*8.08*	A2	5	..	38894i
17	4687	59.4	+18 21	7.9	*8.9*	Ko	3	0,2	38812i
18	4694	59.4	+ 5 26	8.7	*9.7*	Ko	1	..	14667b
19	*5110*	59.4	− 2 58	9.6	*10.2*	Go	1	..	14193b
20	5650	59.4	− 9 11	8.4	*9.2*	G5	5	..	40599b
21	*5881*	59.4	−14 56	8.30	*9.30*	Ko	6	..	40621b
22	18374	59.4	−30 42	8.3	9.4	F8	3	..	41063b
23	14592	59.4	−36 6	8.4	9.1	A2	6	..	40944b
24	14593	59.4	−36 45	8.7	10.0	K5	3	..	40944b
25	*13321*	59.4	−48 55	7.43	7.9	Go	10	..	39657b
26	13317	59.4	−49 43	10.3	11.6	G5	1	..	39657b
27	12809	59.4	−51 15	9.3	10.7	G5	2	..	39662b
28	3976	59.5	+41 17	8.8	*9.4*	Go	1	..	38942i
29	4421	59.5	+39 51	8.0	*8.0*	Ao	2	..	37878i
30	4135	59.5	+33 20	8.0	*8.0*	Ao	4	..	38894i
31	4299	59.5	+30 41	7.81	*8.88*	K2	1	..	37912i
32	4525	59.5	+14 20	9.3	*10.3*	Ko	2	..	6444m
33	5452	59.5	− 5 13	8.4	*9.2*	G5	4	..	14193b
34	5589	59.5	−10 46	10.4	*10.5*	A2	1	..	40599b
35	*5516*	59.5	−10 56	9.1	*10.2*	K2	1	..	40599b
36	5841	59.5	−13 34	9.0	*10.1*	K2	1	..	40621b
37	5785	59.5	−16 38	9.2	*9.3*	A2	4	..	40582b
38	6012	59.5	−19 7	9.6	10.0	Ko	1	..	40582b
39	5913	59.5	−21 35	8.6	9.4	Ko	7	..	39402b
40	*14372*	59.5	−37 54	9.3	11.0	G5	2	..	40944b
41	15237	59.5	−42 52	10.1	11.7	Go	1	..	39472b
42	7672	59.5	−59 27	9.3	10.2	K2	2	..	39698b
43	4617	59.6	+ 7 23	7.9	*8.2*	F2	5	..	14667b
44	*4606*	59.6	+ 5 7	5.93	*7.00*	K2	6	..	14667b
45	5442	59.6	− 2 21	10.0	*10.0*	Ao	2	..	14193b
46	5481	59.6	− 7 9	9.4	*10.0*	Go	3	..	40599b
47	5590	59.6	−10 4	10.4	*10.8*	F5	1	..	40599b
48	5515	59.6	−11 30	8.6	*9.1*	F8	6	..	40621b
49	5925	59.6	−14 33	9.1	*10.1*	Ko	3	..	40621b
50	6119	59.6	−20 14	10.3	10.2	A5	1	..	39402b
51	6118	59.6	−20 31	8.4	10.2	K2	4	..	39402b
52	15382	59.6	−33 53	8.0	9.4	Go	4	..	41063b
53	14281	59.6	−44 17	10.3	11.3	Go	1	..	39472b
54	13237	59.6	−50 21	9.2	9.5	Go	5	0,3	39657b
55	7451	59.6	−60 23	6.76	7.5	G5	..	0,3-	56,146
56	1475	59.6	−76 34	*9.7*	10.8	K2	1	..	19964b
57	3271	59.7	+48 39	8.7	*8.8*	A3	2	..	37946i
58	4500	59.7	+17 13	9.1	*9.7*	Go	3	..	6444m
59	*4448*	59.7	+17 6	8.3	*8.4*	A5	6	3,5	6444m
60	*4298*	59.7	+ 3 9	8.1	*8.7*	Go	5	..	10252b
61	4297	59.7	+ 2 33	6.55	*7.55*	Ko	5	..	38045i
62	4296	59.7	+ 2 24	8.5	*8.5*	Ao	3	..	12331b
63	4418	59.7	+ 1 54	6.42	*7.20*	G5	7	5,6	12331b
64	5444	59.7	− 2 35	9.2	*10.2*	Ko	1	..	14193b
65	*5915*	59.7	−20 56	9.6	11.0	F8	1	..	39402b
66	5603	59.7	−22 38	10.0	11.0	G5	3	..	39402b
67	15218	59.7	−25 9	9.4	10.0	F8	4	..	39402b
68	15235	59.7	−27 39	9.9	10.0	Ao	3	..	40637b
69	17539	59.7	−29 32	9.7	10.0	F2	1	..	40637b
70	14598	59.7	−36 39	7.82	8.0	F5	8	..	40944b
71	14283	59.7	−44 45	10.3	10.7	A5	2	..	39472b
72	*13832*	59.7	−45 59	8.4	8.9	G5	6	..	39657b
73	13831	59.7	−46 12	7.5	8.6	Ko	7	..	39657b
74	13833	59.7	−46 24	10.3	9.8	F5	3	..	39657b
75	13685	59.7	−47 12	9.9	11.0	K5	1	..	39657b
76	9791	59.7	−57 26	8.9	9.7	G5	5	0,4	39382b
77	7809	59.7	−58 10	9.1	8.9	F5	5	..	39698b
78	1686	59.8	+63 18	7.9	*9.1*	K5	1	..	38795i
79	4450	59.8	+25 59	8.2	*9.3*	K2	2	E	38051i
80	5592	59.8	−10 28	9.0	*9.6*	Go	4	..	40599b
81	6013	59.8	−19 10	10.3	10.2	G5	1	..	40582b
82	15236	59.8	−27 26	9.7	10.0	F8	2	..	40637b
83	15384	59.8	−33 14	8.4	9.7	K2	3	..	41063b
84	14373	59.8	−38 38	9.0	10.1	Go	2	..	40944b
85	9989	59.8	−53 43	*9.4*	10.5	K2	2	..	39662b
86	4039	59.9	+32 51	8.0	*9.1*	K2	1	..	37912i
87	4230	59.9	+23 26	var.	var.	Md	..	R	M
88	4449	59.9	+16 47	10.5	*11.5*	Ko	1	..	6444m
89	4468	59.9	+11 38	7.5	*8.5*	Ko	3	..	38129b
90	4606	59.9	+ 8 27	8.1	*8.4*	F2	7	..	14667b
91	4101	59.9	− 1 27	9.1	*9.2*	A3	5	..	14193b
92	5445	59.9	− 2 24	10.3	*10.3*	Ao	2	..	14193b
93	5458	59.9	− 5 30	9.2	*9.8*	G	2	..	40599b
94	5457	59.9	− 5 34	9.4	*10.0*	G	2	..	40599b
95	5593	59.9	−10 25	10.0	*10.5*	F8	1	..	40599b
96	5844	59.9	−13 8	9.0	*10.0*	Ko	2	..	40621b
97	6170	59.9	−17 25	9.2	*9.7*	F8	2	..	40582b
98	5916	59.9	−21 37	10.0	10.5	Go	2	..	39402b
99	16686	59.9	−23 16	10.2	10.5	Ko	2	..	39402b
100	18381	59.9	−30 16	8.9	9.4	F8	3	..	40637b

200700 **20h 59m.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	14853	59.9	−34 1	9.4	10.5	G5	1	..	41063b	4	13783	59.9	−48 15	9.9	11.6	Ko	1	..	39657b
2	14379	59.9	−41 47	5.56	7.8	Ko	..	R	56,146	5	13325	59.9	−49 49	10.3	11.6	K5	1	..	39657b
3	13835	59.9	−46 40	9.1	9.2	Go	5	..	39657b	6	4634	59.9	−63 21	7.2	8.2	Ko	7	..	19897b

REMARKS

177517. The lines 4128.1 and 4131.1 are strong.

177567. The observation, K5, on B 41441, residual *15*, was rejected. The image is confused on that plate by superposition on the spectra of adjacent stars. Suspected of variability.

177639. This star is C. P. D. −21° 7196, and is not contained in the Southern Bonn Durchmusterung.

177656. N. G. C. 6751. Planetary nebula.

177666. U Telescopii. Variable. Class II. Max. *9.5*. Min. *<12.7*. Period, 437^d. On a photograph taken June 10, 1899, the spectrum is of Class Mc, having the line Hδ very bright.

177692. RU Telescopii. Variable. Class II. Max. *9.3*. Min. *14.9*. Period, 271^d. On a photograph taken June 10, 1899, the spectrum is of Class Mb, having the line Hδ twice as bright as Hγ.

177716. τ Sagittarii.

177724. ζ Aquilae. The lines are very wide.

177732. This star is C. DM. −22° 13612, and is not contained in the Southern Bonn Durchmusterung.

177756. λ Aquilae.

177800. This star is C. DM. −22° 13615, and is not contained in the Southern Bonn Durchmusterung.

177868. AG Sagittarii. Variable. Class II. Max. *9.0*. Min. *<13*. On a photograph taken June 19, 1908, the spectrum is of Class Mb, having the line Hδ 1.5 as bright as Hγ. This star is C. P. D. −29° 5883, magn. 9.6, and is not contained in the Cordoba Durchmusterung.

177873. δ Coronae Austrinae.

177918,9. C. DM. −32° 14879 = C. P. D. −32° 5759 and 5761. The latter star follows 3^s.5, in the same approximate declination.

177940. R Aquilae. Variable. Class II. Max. 6.2. Min. 11.2. Period, 355^d.5. On a photograph taken July 20, 1895, the spectrum is of Class Mc, having the line Hδ 10 times as bright as Hγ.

177951. RZ Coronae Austrinae. Variable. Class II. Max. *10.4*. Min. *<13.5*. Period, unknown. On a photograph taken August 29, 1896, the spectrum is of Class Mb, having the line Hδ 3 times as bright as Hγ.

177984. The spectrum is composite. The fainter spectrum appears to be of Class G.

178058. N. G. C. 6752. Globular cluster. One variable star has been found in this cluster.

178078,9. H. D. 178078 precedes 2^s, and is slightly fainter than H. D. 178079.

178125. Y Aquilae. Variability not confirmed. See H.A. **55**, 71.

178196. This star is C. P. D. −20° 7428, and is not contained in the Southern Bonn Durchmusterung.

178253. α Coronae Austrinae.

178332. This spectrum resembles those of Class G5 in the distribution of the light.

178345. β Coronae Austrinae. Read 5,10 R, for 5,R.

178359. TT Aquilae. Variable. Class IV. Max. *7.6*. Min. *9.0*. Period, 13^d.753. The spectrum changes from G5 at maximum to K2 at minimum.

178416. This star is C. P. D. −19° 7318, and is not contained in the Southern Bonn Durchmusterung.

178452,3. The spectrum is composite.

178465. This star is C. P. D. −19° 7319, and is not contained in the Southern Bonn Durchmusterung.

178475. ι Lyrae. Read 4,10 R, for 4,R.

178520. This star is C. P. D. −19° 7324, and is not contained in the Southern Bonn Durchmusterung.

178524. π Sagittarii. Typical star of Class F2. See page 7. The lines are narrow.

178600. The star −12° 5296, ptm. magn. 9.3, precedes 1^s.0, south 0′.7. The spectrum is superposed and is also of Class A.

178671. This star is C. DM. −22° 13670, and is not contained in the Southern Bonn Durchmusterung.

178876. V Lyrae. Variable. Class II. Max. 9.2. Min. 15.5. Period, 375^d. On a photograph taken November 1, 1898, the spectrum although faint, appears to be of Class Mc, having bright hydrogen lines.

178911. The hydrogen lines are strong for this class.

178929. The lines 4077.9, 4128.1 and 4131.1 are the strongest except those of hydrogen.

179009. τ Pavonis. Read 0,10 R, for 0,R.

179116,7. H. D. 179116 precedes 0^s.7, south 0′.2. The magnitudes in the Cordoba Durchmusterung are 7.7 and 7.6, respectively.

179143,4. The spectrum is composite.

179153. − Aquilae. Variable. Class III. Max. *10.8*. Min. *11.7*. Period, irregular.

179167. The star +21° 3683, ptm. magn. 8.0, follows 2^s.9, north 4′.8. The spectrum is partly superposed and is of some division of Class A.

179248. This star is C. P. D. −20° 7472, and is not contained in the Southern Bonn Durchmusterung.

179273. This star is C. P. D. −31° 5929.

179370. RT Vulpeculae. Variable. Class V?. Max. 8.0. Min. 9.0. Perhaps not variable.

179407. Hβ is suspected to be bright.

179450. This star is C. P. D. −21° 7260, and is not contained in the Southern Bonn Durchmusterung.

179451. TW Sagittarii. Variable. Class II. Max. *8.2*. Min. <*11.5*. On a photograph taken July 30, 1908, the spectrum is of Class Mb, having the line Hδ 0.7 as bright as Hγ.

179546. This star is C. DM. −22° 13732 and is not contained in the Southern Bonn Durchmusterung.

179604. RW Sagittarii. Variable. Class III. Max. *9.0*. Min. *11.7*. Period, probably irregular.

179607. This star is C. P. D. −21° 7263 and is not contained in the Southern Bonn Durchmusterung.

179631. TX Sagittarii. Variable. Class II. Max. *9.2*. Min. <*11.7*. Period, unknown. On a photograph taken July 30, 1908, the spectrum although faint, is probably of Class Ma. The line Hδ is very bright.

179636. This star is C. P. D. −21° 7265, and is not contained in the Southern Bonn Durchmusterung.

179660. This star is C. P. D. −21° 7266, and is not contained in the Southern Bonn Durchmusterung.

179661. This star is C. P. D. −21° 7267, and is not contained in the Southern Bonn Durchmusterung.

179693. This star is C. P. D. −21° 7268, and is not contained in the Southern Bonn Durchmusterung.

179769. RX Sagittarii. Variable. Class II. Max. *9.5*. Min. <*13.3*. Period, 332^d. On a photograph taken August 16, 1895, a faint spectrum is seen, having the line Hδ twice as bright as Hγ.

179787,8. H. D. 179787 precedes 3^s, and is in the same approximate declination as H.D. 179788.

179827. This star is C. P. D. −21° 7271 and is not contained in the Southern Bonn Durchmusterung.

179950. ψ Sagittarii. Read 0,10 R, for 0,R.

179957,8. Bu. 9137. P. A. 217°.0, Dist. 9″.21, combined photometric magn. 5.97. The hydrogen lines are as strong as in Class Go. The region of shorter wavelength than the (K) band is very strong. Both spectra are alike, or nearly alike.

180004. SZ Draconis. Variable. Max. *8.9*. Min. *9.8*. Class and period, unknown.

180011,2. H. D. 180011 precedes 1^s, north 0′.3, and is about 0.3 magn. fainter than H. D. 180012 on ordinary plates. It is uncertain to which star the spectrum of Class Ma belongs.

180028. The lines are narrow and the spectrum resembles that of δ Canis Majoris, H. D. 54605.

180050. U Draconis. Variable. Class II. Max. 9.0. Min. 13.5. Period, $318^d.5$. On a photograph taken October 21, 1905 the spectrum is of Class Mc, having the line Hδ 4 times as bright as Hγ.

180093. RY Sagittarii. Variable. Class III. Max. 6.5. Min. <11.5. Period, irregular. The light curve and the spectrum resemble those of R Coronae Borealis, H. D. 141527.

180162. SS Lyrae. Variable. Class II. Max. 9.2. Min. <13. Period, 352^d. On a photograph taken October 17, 1905, a faint spectrum is seen, which is probably of Class M. The line Hδ is bright.

180163. η Lyrae. The lines are broad.

180196. T Sagittarii. Variable. Class II. Max. 7.2. Min. <13.1. The spectrum belongs to Class S. On a photograph taken July 26, 1895, the lines Hβ, Hγ, and Hδ are bright. The relative intensities are 15, 10, and 3, respectively.

180202. This star is C. DM. −22° 13774, and is not contained in the Southern Bonn Durchmusterung.

180206. I. C. 1297. Gaseous nebula. The variable star, RU Coronae Austrinae, is in nearly the same right ascension as the centre of the nebula, north 14″.

180209. V Telescopii. Variable. Class III. Max. *9.2*. Min. *10.6*. Period, irregular.

180219. The star +6° 4070, ptm. magn. 10.1, follows $2^s.1$, south 1′.0. The spectrum is partly superposed and is probably also of Class K5.

180262. The spectrum resembles those of the Cepheid variables in the narrowness of the lines and in the strength of enhanced lines, such as 4172.

180275. R Sagittarii. Variable. Class II. Max. 7.0. Min. <13.0. Period, $269^d.0$. On a photograph taken July 30, 1908, the spectrum is of Class Mb, having the lines Hγ, Hδ, Hζ and Hη bright. The relative intensities are 10, 12, 1, and 1, respectively.

180298,9. H. D. 180298 precedes 3^s, south 0′.3, and is 0.4 magn. fainter than H. D. 180299.

180324. I. C. 4846. Planetary nebula.

180491. TY Sagittarii. Variable. Class II. Max. *8.5*. Min. <*13.8*. Period, unknown. On a photograph taken October 9, 1907, a faint spectrum is seen, which is probably of Class M, and which has the lines Hγ and Hδ equally bright.

180540. d Sagittarii.

180583. The enhanced lines are strong and the spectrum may resemble that of δ Canis Majoris, H. D. 54605.

180697,8. H. D. 180697 precedes 2^s, north 0′.1.

180711. δ Draconis.

180809. θ Lyrae. Read 0,10 R, for 0,R.

180868. ω^1 Aquilae.

180871. N. G. C. 6778. Planetary nebula.

180908. The star C. DM. −51° 12040, ptm. magn. 9.3, precedes $1^s.4$, south 0′.3. The spectrum is superposed and probably resembles that of H. D. 180908.

180939. RS Vulpeculae. Variable. Class V. Max. 7.4. Min. 8.1. Period, $4^d.47750$. Photometric magnitude at maximum, 6.87.

180953. Probably variable in a small range.

180958. SW Sagittarii. Variable. Class II. Max. *9.1*. Min. <*11.7*. Period, 289^d. On a photograph taken July 25, 1903, a faint spectrum is seen in which the line Hδ is bright.

180993. N. G. C. 6781. Planetary nebula.

181005. S Sagittarii. Variable. Class II. Max. 7.7. Min. 14.5. Period, $230^d.7$. On a photograph taken August 31, 1907, the spectrum is faint, and probably of Class Ma. The lines Hγ and Hδ are equally bright.

181023. The star +36° 3486, ptm. magn. 8.0, precedes $3^s.8$,

south 1′.2. The spectrum is partly superposed on that of H. D. 181023, and is of Class K.

181060. Z Sagittarii. Variable. Class II. Max. 8.1. Min. 14.0. Period, $452^d.3$. On a photograph taken July 20, 1898, the spectrum is of Class Ma, having the line Hδ 1.3 as bright as Hγ.

181179,80. H. D. 181179 precedes 1^s, north 0′.3. Both spectra are probably of Class G5.

181182. U Sagittae. Variable. Class V. Max. 6.8. Min. 9.4. Period, $3^d.380603$.

181276. κ Cygni. Read 5,10 R, for 5,R.

181296. η Telescopii.

181332. W Sagittae. Variable. Class II. Max. *10.0*. Min. *13.2*. Period, 278^d. On a photograph taken October 23, 1905, the spectrum is of Class Mc, having the line Hδ very bright.

181333. A Aquilae. Read 0,10 R, for 0,R.

181334. The line (K) is faint for this class of spectrum. Perhaps the spectrum is composite. If so, the companion is of Class A.

181347,8. H. D. 181347 precedes $0^s.6$, south 0′.1.

181365. The star +5° 4114, ptm. magn. 7.9, precedes $0^s.5$, north 0′.5. The spectrum is superposed and is probably similar to that of H. D. 181365.

181383. ω^2 Aquilae.

181391. f Aquilae.

181394,5. The spectrum is composite.

181419. Nova Aquilae, No. 1. The first spectrum was taken on July 3, 1899, 73 days after the star appeared on a chart plate. The spectrum was that of a gaseous nebula. See also H.A. **76**, 38.

181440. d Aquilae.

181454. β^1 Sagittarii.

181577. ρ^1 Sagittarii.

181580. This star is C. P. D. −21° 7339, and is not contained in the Southern Bonn Durchmusterung.

181601,2. H. D. 181601 follows $1^s.0$, north 1′.0.

181615,6. υ Sagittarii. The spectrum is composite and variable. The line Hβ is sometimes dark and sometimes bright. The lines of both components are narrow. A spectroscopic binary of Class A. See H.A. **56**, 108, Remark 135.

181623. β^2 Sagittarii.

181645. ρ^2 Sagittarii.

181657,8. The spectrum is composite. Bu. 9230. P. A. 315°.4, Dist. 10″.37, magn. 8.0 and 8.7. The spectrum of Class K probably belongs to the brighter visual component.

181731,2. The spectrum is composite.

181810. This star is C. P. D. −21° 7349, and is not contained in the Southern Bonn Durchmusterung.

181869. α Sagittarii.

181903. T Sagittae. Variable. Class III. Max. 8.3. Min. 9.5. Period, probably irregular.

181984. τ Draconis. The spectrum resembles that of α Cassiopeiae.

181987. Z Vulpeculae. Variable. Class V. Max. 7.3. Min. 8.8. Period, $2^d.45492$.

182040. Typical star of Class Ro. See page 10.

182083. N. G. C. 6790. Planetary nebula.

182219,20. Bu. 9262. P. A. 180°.8, Dist. 8″.66, magn. 8.5 and 8.5.

182289. This star is C. DM. −59° 7176, magn. 9.5, and is not contained in the Cape Photographic Durchmusterung.

182369. χ^1 Sagittarii.

182416. χ^3 Sagittarii.

182471. The star +55° 2191, ptm. magn. 8.7, follows $7^s.5$, north 7′.6. The spectrum is partly superposed and is of Class A.

182480. TT Sagittarii. Variable. Class II. Max. *9.3*. Min. *12.5*. Period, 345^d. On a photograph taken August 31, 1907, the spectrum is of Class Mb, having the line Hδ twice as bright as Hγ.

182564. π Draconis.

182568. The lines are wide.

182572. b Aquilae.

182610. SW Telescopii. Variable. Class II. Max. *11.0*. Min. *14*. Period, unknown. On a photograph taken July 27, 1908, the spectrum is of Class Mb, having Hγ and Hδ nearly equally bright.

182640. δ Aquilae.

182697, 8. H. D. 182698 follows $0^s.24$, south 27″.0, and on a chart photograph is 0.1 magn. brighter than H. D. 182697.

182779. The spectrum is probably intermediate between Classes K5 and Ma. A star which precedes 6^s, north 1′, has spectrum of Class F, and is about 0.3 magn. fainter than H. D. 182779.

182794. AN Sagittarii. Variable. Class II. Max. *9.4*. Min. *15.0*. Period, 340^d. On a photograph taken September 2, 1910, the spectrum is of Class Mb, having the lines Hγ and Hδ equally bright.

182824. This star is C. DM. −59° 7187, and is not contained in the Cape Photographic Durchmusterung.

182835. ν Aquilae. Read 2,10, R, for 2,R.

182989. RR Lyrae. Variable. Class IV. Max. 6.8. Min. 7.7. Period, $0^d.566826$.

183030. λ Ursae Minoris.

183056. The lines 4128.1 and 4131.1 are strong. See also H.A. **56**, 109, Remark 136.

183143. The spectrum appears to be nearly continuous.

183324. c Aquilae.

183344. U Aquilae. Variable. Class IV. Max. 6.2. Min. 6.9. Period, $7^d.02387$. The lines are narrow. The hydrogen lines are fainter at or near minimum than at maximum.

183382. The observation, F5, on I 37266, residual 10, was rejected. The spectrum is too near the edge of that plate to be in good focus.

183511. Nearly all the light is in the portion of the spectrum between Hβ and Hγ, and the star is probably redder than normal stars of Class K5. Strong absorption lines are present at about the wave length 4383.

183556. UX Draconis. Variable. Class III. Other facts concerning the variation are not known.

183580. This star is C. DM. −60° 7200, magn. 9.4, and is not contained in the Cape Photographic Durchmusterung.

183630. e Aquilae.
183806. The lines 4128.1 and 4131.1 are strong. Read *1*,10 R, for *1*,R.
183810. This star is C. DM. −60° 7204, magn. 9.6, and is not contained in the Cape Photographic Durchmusterung.
183826. C. P. D. −66°3439, magn. 9.5, follows 1ˢ.0, north 0′.6. On a chart plate this star is at least 0.6 magn. fainter than −66° 3438, and is too faint to affect the spectrum.
183847. Z Pavonis. Variable. Max. *8.7*. Min. *10.4*. Other facts are unknown.
183857. This star is S. D. −23° 393, and C. DM. −22° 14037.
183862. This star is C.DM. −60° 7205, magn. 10, and is not contained in the Cape Photographic Durchmusterung.
183889. N. G. C. 6803. Planetary nebula.
183899. The presence of bright lines is suspected.
183912,3,4. β Cygni. H. D. 183912 and H. D. 183914 are the known double, Bu. 9374. P. A. 55°.5, Dist. 34″.69, combined magn. 3.10. The spectrum of the brighter component is composite. See H. C. 221.
183932. N. G. C. 6804. Planetary nebula.
184006. ι Cygni. The lines are rather broad and few faint lines are present.
184008. AF Cygni. Variable. Class III. Max. 6.9. Min. 8.0. Period, unknown.
184106. The star +36° 3589, ptm. magn. 8.0, follows 3ˢ.0, north 0′.3. The spectrum is superposed and is of Class F8 or Go.
184127. ι Telescopii.
184204. In the Bonn Durchmusterung for the minutes of declination, instead of 4.8, read 14.8.
184271. This star is C.DM. −58° 7484, magn. 9.8, and is not contained in the Cape Photographic Durchmusterung.
184283. AQ Sagittarii. Variable. Class III. Max. *8.5*. Min. *9.7*. Period, irregular.
184364. The observation, F5, on B 10123, residual 10, was rejected. The focus is poor on that plate.
184398,9. The spectrum is composite. The lines are narrow.
184406. μ Aquilae.
184488. N. G. C. 6807. Planetary nebula. One bright line is seen, which appears to be 5007.
184524. TY Cygni. Variable. Class II. Max. 8.7. Min. 13.5. Period, 354ᵈ.3.
184552. h^1 Sagittarii. The lines 4077.9, 4128.1 and 4131.1 are strong.
184670. On B 40459, this spectrum was classified K2, because the end of greater wave length resembles that class. This appearance was not confirmed on several other photographs which were examined.
184695. The second observation was made on C 18348.
184707. h^2 Sagittarii.
184733. Classified F5 on B 39680, with the remark "Very faint, perhaps A5."
184738. The bright lines Hβ, 4653, Hγ, Hδ and 4059 are seen. See H.A. **76**, 26.
184759,60. The spectrum is composite.
184815. C. DM. −31° 16887 = C. P. D. −31° 6097, magn. 9.6, and 6098, magn. 9.6. The latter star follows 0ˢ.5, south 0′.4. The spectrum given in Table I belongs to the preceding star. The spectrum of the following star is not defined.
184883. The lines are somewhat narrow.
184905. The lines 4128.1 and 4131.1 are strong.
184915. κ Aquilae. The lines are wide.
184927. The line Hβ is not distinctly seen as a dark line. Perhaps it is bright.
184930. ι Aquilae. Read 4,10 R, for 4,R.
184943. The lines are faint and show only slight contrast to the continuous spectrum.
184989. BM Sagittarii. Variable. Class II. Max. *10.5*. Min. *<13*. Period, unknown. On a photograph taken September 17, 1908, a faint spectrum is seen, which is probably of Class Ma, and which has the lines Hγ and Hδ equally bright.
185059. U Vulpeculae. Variable. Class IV. Max. 6.5. Min. 7.6. Period, 7ᵈ.98950. The spectrum changes from Class G5 to K2. On one photograph, bright lines appear to be present.
185080,1. H. D. 185080 precedes 0ˢ.5, south 0′.5. The lines are wide and both spectra may be of Class A2.
185111. Z Telescopii. Variable. Class II. Max. *9.2*. Min. <13.5. Period, 230ᵈ. On a photograph taken June 9, 1899, the spectrum is of Class Mb, having the lines Hγ and Hδ equally bright.
185144. σ Draconis. Parallax, 0″.20. Proper motion, 1″.83, 163°.8. Read 0,10 R, for 0,R.
185194. ε Sagittae.
185234. C. P. D. −36° 8899. The star C. P. D. −36° 8898, magn. 9.8, precedes 1ˢ.0, south 0′.3. The spectrum is superposed and is also of Class F.
185268. The second observation was made on C 18344.
185269. The second observation was made on C 18344.
185286. The second observation was made on C 18348.
185293. RT Aquilae. Variable. Class II. Max. 8.0. Min. <13. Period, 326ᵈ. On a photograph taken June 6, 1907, the spectrum is of Class Ma, having the line Hδ 8 times as bright as Hγ.
185336. Perhaps of Class B8. The lines appear to be narrow.
185385. N. G. C. 6809. Globular cluster. Two variable stars have been found in this cluster.
185395. θ Cygni. Read *5*,10 R, for *5*,R.
185456. R Cygni. Variable. Class II. Max. 6.6. Min. 13.9. Period, 425ᵈ.9. The lines Hβ, Hγ and Hδ are bright at or near maximum. Hβ is the strongest bright line.
185499. Variability suspected between the limits 9.0 and 9.5.
185507. σ Aquilae.
185535. This star is S.D. −23° 398, and C. DM. −22° 14148.
185558. BO Sagittarii. Variable. Class II. Max. *12.5*. Min. *<15.0*. Period, unknown. On a photograph taken June 9, 1899, the spectrum is of Class M, having Hδ twice as bright as Hγ.
185644. e^1 Sagittarii.
185734. φ Cygni. Read 0,10 R, for 0,R.
185758. α Sagittae. Read 5,10 R, for 5,R.

185780. The line Hβ is suspected to be bright.

185821. RV Aquilae. Variable. Class II. Max. 8.9. Min. <14. Period, 218^d.2. On a photograph taken June 22, 1911, the spectrum is of Class Ma, having the line Hγ 3 times as bright as Hδ.

185845. The spectrum is peculiar and probably composite. In the region of Hβ, it bears some resemblance to Class Ma. The star −21° 5485, ptm. magn. 10.4, follows 2^s.0, south 0′.4. This star is at least 0.7 magn. fainter than H. D. 185845.

185958. β Sagittae.

185970. The absorption is strong in the region of 4227.

186005. e^2 Sagittarii.

186047. TT Cygni. Variable. Class III. Max. 7.3. Min. 8.4. Period probably irregular.

186087. TV Sagittarii. Variable. Class II. Max. *9.0*. Min. *13.2*. Period, 263^d. On a photograph taken May 7, 1900, a faint spectrum is seen in which the line Hδ is very bright.

186097,8. The spectrum is composite. Bu. 9524. P. A. 266.°2, Dist. 0″.83, magn. 6.8. and 9.5.

186203,4. χ Aquilae. The spectrum is composite. Bu. 9531. P. A. 73°.2, Dist. 0″.58, magn. 6.0 and 7.2.

186205. The line (K) is strong for this class.

186251. The spectrum is probably intermediate between Classes K5 and Ma.

186282. N. G. C. 6818. Planetary nebula. Photometric magn. 9.33.

186343. The lines 4128.1 and 4131.1 are strong.

186357. The lines 4077.9, 4128.1, and 4131.1 are strong.

186408. This star and H. D. 186427 = c Cygni. Bu. 9560. P. A. 134°.8, Dist. 38″.18, combined magn. 5.56.

186427. See H. D. 186408.

186484. T Pavonis. Variable. Class II. Max. 7.3. Min. 12.5. Period, 244^d.0. On a photograph taken September 9, 1896, the spectrum is of Class Ma, having the lines Hγ and Hδ nearly equal in brightness.

186518,9. The spectrum is composite. Bu. 9569. P. A. 295°.2, Dist. 0″.57, magn. 6.5 and 10.0. The brighter component is probably double, which causes the composite spectrum. The lines are narrow and sharply defined. Line 4215 is strong. From 4215 to Hη, the spectrum of Class A predominates.

186543. ν Telescopii. Read *2*,10 R, for *2*,R.

186547. ψ Aquilae.

186570,1. The spectrum is composite.

186648. f Sagittarii.

186665. UW Sagittarii. Variable. Class III. Max. *8.4*. Min. *10.2*. Period, unknown.

186669. Variability suspected between the limits 9.1 and 9.9.

186686. RT Cygni. Variable. Class II. Max. 6.7. Min. 12.0. Period, 190^d.5. On a photograph taken December 7, 1904, the spectrum is of Class Ma, having the line Hγ twice as bright as Hδ.

186688. SU Cygni. Variable. Class IV. Max. 6.2. Min. 7.0. Period, 3^d.845612. Lines 4077.9, 4128.1, 4131.1, and 4172.3 are strong.

186689. υ Aquilae.

186745,6. The spectrum is very peculiar. It can best be explained by assuming that it consists of two spectra of equal photographic brightness. The lines of the spectrum of Class B8 are very narrow.

186791. γ Aquilae. Read 3,10 R, for 3,R.

186882. δ Cygni. The lines are broad and line (K) appears to be double. The helium lines 4026.3, and 4471.6 are clearly seen.

186901,2. Bu. 9607. P. A. 124°.8, Dist. 15″.09, magn. 6.51 and 7.06. The two spectra are alike, or nearly alike.

186916. This star is C. P. D. −41° 9196, and is not contained in the Cordoba Durchmusterung.

186924. N. G. C. 6826. Planetary nebula. Typical nebula of Class Pd. See page 5.

186947. A slightly fainter star is in nearly the same right ascension, north 1′.4.

186994. The lines are narrow.

187076,7. δ Sagittae. The spectrum is composite. This star is a spectroscopic binary.

187113. W Telescopii. Variable. Class II. Max. *9.7*. Min. *<12.7*. Period, 305^d. On a photograph taken June 12, 1899, the spectrum is of Class Mb, having the lines Hγ, Hδ, Hζ and Hη bright. The relative intensities are 10, 30, 2, and 1, respectively.

187159. TU Cygni. Variable. Class II. Max. 8.5. Min. 13.9. Period, 218^d. On a photograph taken September 20, 1890, a faint spectrum has the lines Hγ and Hδ bright.

187203. The lines are narrow. Line 4077.9 is strong.

187205. WX Aquilae. Variable. Class III. Max. *10.5*. Min. *11.6*. Period, unknown.

187242. This star is also S. D. −2° 5125.

187258. The lines are narrow.

187259,60. π Aquilae. The spectrum is composite. Bu. 9634. P. A. 117°.2, Dist. 1″.44, magn. 6.0 and 6.8.

187311. The lines are probably narrow.

187321,2. The spectrum is composite.

187362. ζ Sagittae. The lines are broad. Read *2*,10 R, for *2*,R.

187431. The observation, G5, on I 38506, residual 13, was rejected. The spectrum is very faint and near the edge of that plate.

187452. This star is S. D. −23° 402, and C.DM. −22° 14286.

187474. The lines 4128.1 and 4131.1 are strong.

187526. The identification is uncertain, as the declination of this star is 7′ north of the Durchmusterung position. A chart plate shows no star in the given declination. It may, however, be very red or variable.

187566. The lines 4128.1 and 4131.1 are strong.

187642. α Aquilae. The lines are broad. Parallax, 0″.22.

187673. The lines are broad.

187691. o Aquilae.

187739. The spectrum was incorrectly given in H.A. **56**, 145, as Fo, due to error in identification of the star.

187757. X Aquilae. Variable. Class II. Max. 8.5. Min. <13.5. Period, 348^d. On a photograph taken August 10, 1893, the spectrum is of Class Mb, having the lines Hγ and Hδ equally bright.

187796. χ Cygni. Variable. Class II. Max. 4.0. Min. 13.5. Period, 406^d.0. On a photograph taken November 7, 1893, the spectrum is of Class Ma, having the lines Hβ,

Hγ, Hδ, Hζ and Hη bright. The relative intensities are 2, 10, 20, 7, and 3, respectively.

187835. S Pavonis. Variable. Class III. Max. 7.0. Min. 8.7. Period, irregular.

187836. N. G. C. 6833. Planetary nebula.

187879. The lines are narrow.

187908,9. S. D. −21° 5560 = C. P. D. −21° 7531 and 7532. H. D. 187908 precedes 1ˢ.5, south 0′.3. The combined spectrum is very hazy. Both spectra may be of Class F5.

187921. SV Vulpeculae. Variable. Class IV. Max. *7.7.* Min. *9.6.* Period, $44^d.7$. The spectrum changes from Ko at maximum to Ma at minimum.

187929. η Aquilae. Variable. Class IV. Max. 3.7. Min. 4.5. Period, $7^d.176382$. The lines are somewhat narrow and peculiarities are seen which are connected with the variation in light.

187982,3. The spectrum is composite.

188001. The line Hβ appears to be partially reversed. Read 5,10 R, for 5,R.

188037. On a photograph taken June 4, 1921, with the 8-inch Telescope, a bright band is present, having slightly greater wavelength than Hβ. Not seen on other plates.

188041,2. The spectrum is composite and very peculiar. The line (K) is only about 0.5 as strong as (H). Lines 4077.9, 4128.1 and 4131.1 are strong. The band (G) is not well formed, in which respect it resembles spectra having narrow lines.

188056. d Cygni.

188114. ι Sagittarii.

188119. ε Draconis. The line Hδ is strong for this class. In the distribution of light the spectrum resembles that of α Bootis.

188136,7. The spectrum is composite.

188178. This star is S. D. −23° 405 and C. DM. −22° 14345.

188228. ε Pavonis.

188260. The spectrum is slightly peculiar. Line 4026.3 is seen, and line 4481.3 is very narrow. Read 0,10 R, for 0,R.

188262,3. The spectrum is composite.

188293,4. H. D. 188294 follows 0ˢ.8, south 0′.7, and is perhaps also of Class B3. The fainter lines are lost by the superposition upon the spectrum of H. D. 188293.

188310. ξ Aquilae.

188376. ω Sagittarii. Line 4077.9 is 0.8 as strong as in the spectrum of α Reticuli, the typical star.

188378. RR Sagittarii. Variable. Class II. Max. *7.5.* Min. *<12.6.* Period, 335^d. On a photograph taken September 1, 1905, the spectrum is of Class Mb, having the lines Hγ, Hδ, Hζ and Hη bright. The relative intensities are 10, 70, 3, and 1, respectively.

188474. The line 4227 is strong, and the spectrum shows characteristics of the dwarfs.

188512. β Aquilae. Read *5,*10 R, for *5,*R.

188524. A star about 0.3 magn. fainter than H. D. 188524 follows 3ˢ, south 0′.3. Its spectrum is probably also of Class A.

188584. μ^1 Pavonis. Read *5,*10 R, for *5,*R.

188603. b Sagittarii.

188727. S Sagittae. Variable. Class IV. Max. 5.5. Min. 6.1. Period, $8^d.381613$. The spectrum has narrow lines. The lines of hydrogen, as well as 4077.9 and 4172.2, are very strong.

188728. φ Aquilae. Read *2,*10 R, for *2,*R.

188813. RU Sagittarii. Variable. Class II. Max. *9.0.* Min. *13.1.* Period, 242^d. On a photograph taken September 24, 1908, the spectrum is of Class Mb, having the lines Hγ and Hδ equally bright.

188854. The line 4077.9 appears stronger than normal.

188887. μ^2 Pavonis. Read 0,10 R, for 0,R.

188899. g Sagittarii.

188915. RR Aquilae. Variable. Class II. Max. *8.4.* Min. *<13.5.* Period, 395^d. On a photograph taken October 10, 1898, the spectrum is of Class Mb, having the line Hδ 5 times as bright as Hγ.

188947. η Cygni.

188978. This star is S. D. −23° 407, and C. DM. −22° 14385.

189005. A Sagittarii.

189037. ψ Cygni.

189103. θ^1 Sagittarii.

189118. θ^2 Sagittarii.

189119. Variability was suspected during observations for the Cordoba Durchmusterung.

189191. RS Aquilae. Class II. Max. *10.0.* Min. *<12.4.* Period, 406^d. On a photograph taken May 24, 1895, a faint spectrum is seen in which Hδ is bright.

189256. AX Cygni. Variable. Class III. Max. 7.4. Min. 7.9. Period, unknown.

189319. γ Sagittae. Read 5,10 R, for 5,R.

189401,2. C.DM. −37° 13480 = C. P. D. −37° 8646 and 8647. The former star precedes 0ˢ.0, and is north 0′.1.

189439. This star is S. D. −23° 409, and C. DM. −22° 14412.

189507,8. H. D. 189507 precedes 0ˢ.5, north 0′.2.

189524. The observation, F5, on I 37224, residual 12, was rejected. The spectrum is too faint on that plate.

189567. Proper motion, 1″.25, 122°.3. Read *5,*10 R, for *5,*R.

189604. This star is also S. D. −2° 5166.

189711. A variability of 0.3 magn. has been found in this star.

189763. c Sagittarii.

189832. The spectrum resembles that of ξ Phoenicis, H. D. 3980. The lines 4077.9, 4128.1, and 4131.1 are the strongest lines except those of hydrogen and calcium. Read *5,*10 R, for *5,*R.

189854. The spectrum was classified Go on B 20510, where the image is very dense.

189902. Perhaps of Class B8.

189993. RR Pavonis. Variable. Class II. Max. *8.9.* Min. <12.2. Period, unknown. On a photograph taken June 29, 1908, the spectrum is of Class Ma, having the line Hδ 1.2 as bright as Hγ.

189997. The observation, F2, on I 37224, residual 9, was rejected. The spectrum is too faint on that plate.

190018. The spectrum contains a wide band of absorption at 4227, and very strong dark lines are present between Hβ and Hγ.

190048. This is the following of two stars, both of which may be included in the Durchmusterung number.

190066. Hβ appears to be a narrow bright line superposed on a dark band. Traces of bright lines are seen between Hβ and Hγ.

190113. The absorption at 4227 is strong and there are conspicuous dark bands between Hβ and Hγ.

190145. The lines 4128.1 and 4131.1 are strong.

190147. e Cygni.

190163. Z Cygni. Variable. Class II. Max. 7.1. Min. 13.8. Period, 265^d. On a photograph taken November 27, 1905, the spectrum is of Class Mc, having the line Hγ twice as bright as Hδ.

190203. This star is −38° 7937 in the Cape Photographic Durchmusterung, if we assume that the minutes of declination should read 25.2, instead of 15.2. There is a star at about 15′.2, but it is very faint on several chart plates.

190248. δ Pavonis. Proper motion, 1″.65, 135°.5.

190250. R Cephei. Erroneously listed in several catalogues as a variable star. See H.A. **55**, 71.

190323. The lines are narrow and the spectrum resembles that of δ Canis Majoris, H. D. 54605.

190327. τ Aquilae.

190350. This star is S. D. −23° 411, and C. DM. −22° 14472.

190421. ξ Telescopii. Read 5,10 R, for 5,R.

190466. The star +37° 3743, ptm. magn. 10.0, precedes $2^s.0$, north 0′.6. The spectrum is superposed and appears to be of Class A.

190467. The class of spectrum is not well defined. The line (K) is strong for a spectrum of Class B2. The estimate, F2, on I 37891, appears to be certainly wrong, but the class may be composite.

190526. N. G. C. 6864. A globular cluster, extremely condensed. On chart plates taken with the 8-inch telescope, the object resembles a large nebulous star. The spectrum appears to be of Class G5 with nebulous haze superposed. The absorption bands (G), (H), and (K) are seen, as well as other dark lines. It is probable that the brighter stars in this cluster have spectrum of the solar type. Eleven variable stars are known in this cluster.

190544. e Draconis.

190549. Perhaps of Class B8.

190576. The lines 4128.1 and 4131.1 are well marked.

190606. X Sagittae. Variable. Class III. Max. *10.0*. Min. *12.0*. Period, unknown.

190608. η Sagittae.

190629. AA Cygni. Variable. Class III. Max. 8.4. Min. 9.2. Period, unknown. The spectrum is faint, and it is uncertain whether it belongs to Class N or Class S.

190643. Suspected to be variable.

190850. Perhaps of Class Ao. The spectrum is partly superposed on that of H. D. 190849, which follows $0^s.4$, north 1′.5.

190864. The star +35° 3948, ptm, magn. 9.6, precedes $3^s.5$, north 1′.5. The spectrum is partly superposed and appears to be also of Class B.

190918. The lines are very indistinct and show slight contrast to the continuous spectrum. See H.A. **76**, 30.

190940. ρ Draconis. Read 0,10 R, for 0,R.

190944. The line Hβ is bright. The dark lines are indistinct, perhaps due to faintness of the star.

190970. SY Aquilae. Variable. Class II. Max. 9.0. Min. 13.1. Period, 357^d. On a photograph taken July 26, 1905, the line Hδ is bright, and superposed on a faint continuous spectrum, which may be of Class Ma.

191026. b^1 Cygni.

191139. The lines are narrow.

191171. X Pavonis. Variable. Class III. Max. *9.0*. Min. *10.2*. Period, unknown.

191226. Parallax, 0″.17.

191240 SW Cygni. Variable. Class V. Max. 9.9. Min. 12.5. Period, $4^d.572820$.

191244. The lines are somewhat broad.

191337. The hydrogen lines are strong, and the helium lines are faint for this class.

191396. The classification is difficult owing to the partial superposition on the spectrum of H. D. 191424, which follows $2^s.0$, north 0′.7.

191408. Line 4227 is strong, and also several other lines characteristic of low luminosity. Proper motion, 1″.70, 164°.7.

191418. The spectrum is very faint.

191420. The spectrum is suspected to be composite. The metallic lines are strong while the line (K) is less intense than (H). Classified F2 on I 37349.

191490. The lines are broad.

191566,7. Bu. 9956. P. A. 302°.3, Dist. 5″.87, magn. 7.7 and 8.7. The spectrum is composite. Helium lines are present in one spectrum, and the other appears to contain indistinct solar lines.

191570. θ Sagittae.

191600,1. C. DM. −41° 13910 = C. P. D. −41° 9312 and 9313. The former star precedes $0^s.5$, south 0′.4. All the facts given in Table I except the photographic magnitudes refer to the combined light of the two stars.

191610. b^2 Cygni. The line Hβ is bright and superposed on a faint dark band. Hγ is very wide and may have a central bright line. The helium lines are wide.

191630. The spectrum is peculiar and may be intermediate between Classes M and S.

191652. W Vulpeculae. Variable. Class II? Max. 8.9. Min. 10.3. Period, 249^d?.

191692. θ Aquilae. Line 4026.3, due to helium, is well marked for this class.

191738. SV Cygni. Variable. Class III. Max. 8.5. Min. 9.4. Period, irregular.

191756. C. DM. −35° 13988 = C. P. D. −35° 8764 and 8765. The latter star follows $0^s.5$, north 0′.2.

191761. The observation, G5, on I 37224, residual 10, was rejected. The spectrum is faint on that plate.

191765. A typical star of Class Ob. See page 5.

191766. The spectrum is suspected to be composite. On one plate, there is an appearance of the band (G) as in spectra of the solar type. Classified F2 on I 9896.

191783. RY Cygni. Variable. Class III. Max. 9.2. Min. 11.0. Period, irregular.

191862. ξ Capricorni.

191880. The spectrum is probably of Class Ao. The region of the line (K) is superposed on the spectrum of H. D. 191879, which follows $2^s.4$, north 12′.2.

191916. N. G. C. 6884. Planetary nebula.

191917. On one plate, there is an appearance of a bright edge to Hβ.

191992. This star is C. D. M. −52° 9424, magn. 11¼, and is not contained in the Cape Photographic Durchmusterung.

192009. The star −9° 5393, ptm. magn. 10.0, precedes 0ˢ.6, north 1′.3. The spectrum is partly superposed and is also of Class A.

192016. R Telescopii. Variable. Class II. Max. *8.4*. Min. *11.6*. Period, 462ᵈ. On a photograph taken September 27, 1908, the spectrum is of Class Mc, having the line Hδ 4 times as bright as Hγ.

192035. The supposed variable star RX Cygni. Probably not variable. The lines are poorly defined. The observation Go, on I 37874, was rejected.

192044. The lines are wide. No bright lines are seen on the Harvard photographs, although Hα and Hβ appear as emission lines on photographs taken at Mt. Wilson.

192057,8. H. D. 192058 follows 2ˢ.36, north 3″.59. On chart plates the magnitudes appear equal.

192081. RU Aquilae. Variable. Class II. Max. 7.9. Min. 14.5. Period, 276ᵈ. On a photograph taken October 19, 1909, the spectrum is of Class Mb, having the line Hδ 0.6 as bright as Hγ.

192082. TV Aquilae. Variable. Class II. Max. *10.0*. Min. *13.9*. Period, 240ᵈ. On a photograph taken June 6, 1907, the spectrum is of Class Mb, having the lines Hγ and Hδ bright, and of nearly equal intensity.

192103. A typical star of Class Oa. See page 5.

192194. RZ Sagittarii. Variable. Class II. Max. 8.0. Min. 10.2. Period, 212ᵈ.4. A spectrum of strong intensity is seen only between Hβ and Hγ. It does not appear to be of Class N, but its nature is not well defined, due to its appearance near the edge of the plate where the focus is poor.

192277. Perhaps composite.

192310. Proper motion, 1″.28, 100°.8.

192343,4. H. D. 192343 precedes 0ˢ.0, south 0′.6. The two spectra are so nearly superposed that classification is difficult. Both may be of Class G5.

192388. R Sagittae. Variable. Class III. Max. 8.5. Min. 10.4. Period, 70ᵈ.56.

192407. WZ Aquilae. Variable. Class II. Max. *10.2*. Min. *<12.0*. Period, unknown. On a photograph taken June 6, 1907, the spectrum is of Class Mc, having the line Hδ twice as bright as Hγ.

192410. The lines are narrow. Hδ appears to be bright.

192425. ρ Aquilae. Read 0,10 R, for 0,R.

192440. AC Cygni. Variable. Class III. Max. *9.2*. Min. 10.0. Period, unknown.

192443. RS Cygni. Variable. Class III. Max. 7.5. Min. 8.7. Period, 412ᵈ. The spectrum is partly superposed on that of H. D. 192444. It is probably of Class S.

192502. R Delphini. Variable. Class II. Max. 7.6. Min. 13.7. On a photograph taken July 8, 1894, the spectrum is of Class Mb having the line Hδ 4 times as bright as Hγ.

192514. Star D of Bu. 10036. This star together with H. D. 192577,8 and 192579 = o^1 Cygni. Read *2*, 10 R, for *2*,R.

192563. N. G. C. 6891. Planetary nebula.

192577,8. Star A of Bu. 10036. The spectrum is composite. See H. D. 192514.

192579. Star C of Bu. 10036. See H. D. 192514.

192639. Hβ is suspected to be bright, and traces of other bright lines are seen.

192640. b^3 Cygni. Read 0,10 R, for 0,R.

192644,5. The spectrum is composite.

192678. The lines 4077,9, 4121.1 and 4131.1 are stronger than normal.

192685. The lines are wide.

192702. RT Sagittarii. Variable. Class II. Max. 7.0. Min. <12.0. Period, 301ᵈ. On a photograph taken September 15, 1909, the spectrum is of Class Mb, having the lines Hγ and Hδ bright, and nearly equal in intensity.

192713. Lines 4077.9, 4215.7 and Hγ are stronger than normal.

192725. X Telescopii. Variable. Class II. Max. *10.5*. Min. *12.9*. Period, unknown. On a photograph taken June 12, 1899, the spectrum is of Class Mb, having the line Hδ twice as bright as Hγ. This star is C. DM. −53° 8478, magn. 11, and is not contained in the Cape Photographic Durchmusterung.

192737. RT Capricorni. Variable. Class III. Max. *8.6*. Min. *10.4*. Period, unknown.

192748. This star is also S. D. −2° 5216, magn. 8.3.

192788. SX Cygni. Variable. Class II. Max. 9.0. Min. 14.5. Period, 409ᵈ. On a photograph taken June 27, 1906, the line Hδ is bright and superposed on a faint spectrum which appears to be of Class M.

192832. Bright lines are probably present.

192876. α^1 Capricorni. The lines are narrow. Lines 4077.9, 4215.7 are very strong.

192900. RW Capricorni. Variable. Class V. Max. 9.2. Min. 10.5. Period, 3ᵈ.392.

192907. κ Cephei.

192909,10. σ^2 Cygni. The spectrum is composite.

192913. The lines 4128.1 and 4131.1 are strong.

192947. α^2 Capricorni.

193009. The line Hβ is bright.

193025. — Telescopii. Variable to the extent of 0.7 magn. Other facts are unknown.

193026. Y Telescopii. Variable. Class II. Max. *8.1*. Min. *9.7*. Period, unknown.

193028. SZ Cephei. Variable. Class II. Max. 9.3. Min. <14. Period, 327ᵈ.1. The spectrum may be of Class S. On a photograph taken September 22, 1914, the line Hβ is very bright, and Hγ has about one-fifth of the intensity of Hβ.

193076. The lines are indistinct.

193077. A typical star of Class Oc. See page 5.

193104. This star is probably variable in a small range.

193150. σ Capricorni.

193237. P Cygni. Nova Cygni, No. 1. This star was first seen on August 18, 1600, when it was of about the third magnitude. Large variations in the brightness occurred until 1677, since when the light has been constant near the fifth magnitude. The spectrum is characterized by bright and dark hydrogen and helium lines, the dark lines

lying to the violet, as in all cases of new stars. A careful description of the spectrum as shown on the Harvard photographs, was given by Miss Maury in H.A. 28, 101, Remark 165. See also H.A. 76, 31.

193249. The observation G5, on I 37908, residual 10, was rejected. The spectrum is too faint on that plate.

193322. The line Hβ appears to have a bright edge on the side of greater wave length.

193345. AU Cygni. Variable. Class II. Max. *9.9*. Min. *12.5*. Period, unknown. On a photograph taken October 23, 1905, the spectrum is of Class Mb, having the lines Hγ and Hδ nearly equally bright.

193349,50. Bu. 10099. P. A. 18°.0, Dist. 3″.32, magn. 6.5 and 9.2. The spectrum is composite. The lines belonging to the spectrum of Class G are faint and are most conspicuous in the region of the (G) band.

193368. WX Cygni. Variable. Class II. Max. 9.0. Min. 12.2. Period, 176^d.

193370. The lines are narrow. See also H.A. 28, 96, Remark 89. Read 0,10 R, for 0,R.

193391,2. H. D. 193391 precedes $0^s.14$, north 22″.0.

193410,1. The spectrum is composite.

193426. Probably of Class Bo.

193432. ν Capricorni.

193443. The line Hβ appears to be bright.

193495,6. β Capricorni. The spectrum is composite. The star is a spectroscopic binary.

193516. Hβ is bright.

193517. The metallic lines are strong for the class.

193538. I. C. 4997. Planetary nebula. Typical nebula of Class Pc. See page 5.

193571. κ^1 Sagittarii.

193592. Bu. 10135. P.A. 340°.2, Dist. 3″.28, magn. 6.0 and 7.4. Both spectra are probably of the same, or nearly the same, class.

193610. The lines are indistinct.

193662. This star is C. DM. −60° 7427, magn. 10, and is not contained in the Cape Photographic Durchmusterung.

193664. Parallax, 0″.11.

193680. U Cygni. Variable. Class II. Max. 6.1. Min. 11.8. Period, $461^d.3$. On a photograph taken October 22, 1919, the lines Hβ, Hγ, and Hδ are bright. Hβ and Hγ are of nearly equal intensity, while Hδ has only about one-twentieth of their brightness.

193682. This spectrum was classified on a plate taken with the 10-inch Metcalf Telescope.

193722. The lines 4128.1 and 4131.1 are well marked.

193807. κ^2 Sagittarii.

193901. Proper motion, 1″.22, 154°.7.

193911. The presence of a bright Hβ, which was found on photographs taken at the Yerkes Observatory, has not been confirmed on the Harvard plates. Five photographs taken between 1898 and 1912 show all the lines dark.

193924. α Pavonis. A typical star of Class B3. See page 6.

193949. N. G. C. 6905. Planetary nebula.

194032. The observation, A3, on I 38510, residual 12, was rejected. The spectrum is indistinct on several plates which were examined.

194057. The lines are very faint and the classification is uncertain. Perhaps of Class Oe5.

194093. γ Cygni. The lines are narrow and the spectrum resembles that of δ Canis Majoris, H. D. 54605.

194194. Perhaps of Class B8.

194245. This star is also S. D. −2° 5270, magn. 8.0.

194280. Perhaps of Class Oe5. The spectrum was classified on a plate taken with the 10-inch Metcalf Telescope. On I 38508, it was incorrectly classified Ko, owing to the partial superposition of several faint spectra.

194308. This star is S. D. −23° 420, magn. 9.0, and C. DM. −22° 14704, magn. 8.9.

194332. This star is C. DM. −61° 6394, magn. 9.7, and is not contained in the Cape Photographic Durchmusterung.

194348. This star is S. D. −23° 421, magn. 9.4, and C. DM. −22° 14707, magn. 9.2.

194359,60. The spectrum is composite.

194383,4. Bu. 10186. P.A. 182°.0, Dist. 20″, magn. 9.0 and 9–10. The combined spectrum resembles Class F8, but each class is uncertain. At least one star may have spectrum of Class A.

194401. The observation, F2, on I 37224, residual 10, was rejected. The focus is poor on that plate.

194440. This star is C. DM. −60° 7458, magn. 10, and is not contained in the Cape Photographic Durchmusterung.

194563. This star is S. D. −23° 422, magn. 8.7, and C. DM. −22° 14716, magn. 8.2.

194636. π Capricorni.

194676. T Microscopii. Variable. Max. *7.4*. Min. *8.4*. Class and period unknown. On a photograph taken June 29, 1895, the spectrum is of Class Mc, having the lines Hγ, Hδ, and Hζ bright. The small range of variation is anomalous for the class of spectrum. The period appears to be irregular.

194687. A variation of about 0.5 magn. has been suspected in this star on the Harvard photographs.

194734. This star is C. DM. −59° 7475, magn. 9.8, and is not contained in the Cape Photographic Durchmusterung.

194735. This star is C. DM. −60° 7464, magn. 9.5, and is not contained in the Cape Photographic Durchmusterung.

194764. This star is also S. D. −2° 5281, magn. 7.8.

194765,6. H. D. 194765 follows $0^s.5$, north 1′.2.

194779. The lines are indistinct. Perhaps of Class B2.

194804. This star is C. DM. −59° 7478, magn. 9.6, and is not contained in the Cape Photographic Durchmusterung.

194814. U Microscopii. Variable. Class II. Max. *8.5*. Min. *<12.5*. Period, 325^d. On a photograph taken August 6, 1896, the spectrum is of Class Mc, having the line Hδ 3 times as bright as Hγ.

194839. The lines are very faint, so that the spectrum appears to be nearly continuous.

194943. ρ Capricorni.

195043. This star is C. DM. −59° 7484, magn. 9.7, and is not contained in the Cape Photographic Durchmusterung.

195068,9. The spectrum is composite.

195093. This star and H. D. 195094 = ο Capricorni.

195094. See H. D. 195093.

195144. This star is C. DM. −59° 7490, magn. 9.7, and is not contained in the Cape Photographic Durchmusterung.

195147. The lines 4077.9, 4128.1 and 4131.1 are strong.
195162. RS Delphini. Variable. Class III. Max. *8.9*. Min. *9.8*. Period, unknown.
195237. TZ Aquilae. Variable. Class III. Max. *9.6*. Min. *10.5*. Period probably irregular.
195295. The lines are narrow.
195324. The lines are narrow.
195351. UU Draconis. Variable. Class III. Max. *8.3*. Min. *10.5*. Period, irregular.
195482,3. Bu. 10281. P.A. 256°.0, Dist. 15″.62, combined magn. 6.39.
195556. ω^1 Cygni. Read 0,10 R, for 0,R.
195569. ν Microscopii.
195592. The lines are very faint and indistinct.
195593. The lines are very narrow.
195611. On I 38510, the spectrum was incorrectly classified as of Class Ko. The letters A and K were probably confused.
195627. ϕ^1 Pavonis. Read *5*,10 R, for *5*,R.
195665. AD Cygni. Variable. Class III. Max. *8.5*. Min. *9.5*. Period, irregular. The spectrum resembles that of AA Cygni, H. D. 190629.
195691. AI Cygni. Variable. Class III. Max. 8.4. Min. 9.7. Period, probably irregular.
195692,3. Bu. 10305. P. A. 80°.6, Dist. 1″.21, magn. 6.2 and 8.0. The spectrum is composite. A trace of the (G) band is seen, and other faint lines which do not belong to the spectrum of Class A. While these lines are very faint, they show that the spectrum of the fainter component is probably of Class G.
195725. θ Cephei.
195763. Z Delphini. Variable. Class II. Max. 8.2. Min. 14.0. Period, $303^d.4$. On a photograph taken November 20, 1903, the line Hγ is twice as bright as Hδ. The class of spectrum is not well defined. The brightest portion is between Hβ and Hγ.
195774. ω^2 Cygni.
195810. ϵ Delphini. Read 0,10 R, for 0,R.
195894. The region of the line (K) is indistinct.
195907. The star +31° 4125, ptm. magn. 8.0, precedes $2^s.3$, north 4′.4. The spectrum is partly superposed and is probably of Class K.
195943. η Delphini. Read *2*,10 R, for *2*,R.
195961. ρ Pavonis. Read *3*,10 R, for *3*,R.
196018. SZ Cygni. Variable. Class IV. Max. 8.6. Min. 9.9. Period, $15^d.1126$.
196051. μ^1 Octantis. Read 5,10 R, for 5,R.
196059. The star −12° 5772, ptm. magn. 10.3, follows $2^s.7$, north 0′.6. The spectrum is partly superposed and is probably also of Class K.
196067,8. μ^2 Octantis. Innes $20^h\,52$. P. A. 16°.0, Dist. 17″.7, combined magn. 6.56. Both spectra are probably of the same, or nearly the same, class. Read *5*,10 R, for *5*,R.
196070. ST Cygni. Variable. Class II. Max. 9.3. Min. 14. Period, 337^d. On a photograph taken November 12, 1904, a faint spectrum which is probably of Class M, has the line Hδ 3 times as bright as Hγ.
196088,9. The spectrum is composite. The band (G) and other faint lines are seen which are not of Class Ao.
196093,4. The spectrum is composite. Read 0,10 R, for 0,R.
196171. α Indi. The line 4226.9 is 0.8 as strong as in the spectrum of α Phoenicis.
196173. This star is C. DM. −60° 7499, magn. 9.6, and is not contained in the Cape Photographic Durchmusterung.
196180. ζ Delphini. The lines are somewhat wide.
196231. This star is also S.D. −2° 5319, magn. 8.8.
196238. The star C. P. D. −65° 3857, magn. 9.3, precedes $0^s.0$, north 0′.3. The photometric magnitude refers to the combined light of these two stars.
196270. The lines 4128.1 and 4131.1 are strong.
196378. ϕ^2 Pavonis. Read 0,10 R, for 0,R.
196434. Probably variable with range of 0.8 magn.
196502. Lines 4077.9, 4128.1, 4131.1, and several other metallic lines are strong. The spectrum resembles that of θ^1 Microscopii. Read 0,10 R, for 0,R.
196519. υ Pavonis.
196524. β Delphini. The lines are somewhat narrow.
196544. ι Delphini.
196574. l Aquilae.
196634. A star about 0.6 fainter than H. D. 196634, follows 1^s, north 0′.6. The spectrum is partly superposed and makes the observation uncertain.
196662. τ Capricorni.
196704. This star is C. DM. −59° 7534, magn. 9.7, and is not contained in the Cape Photographic Durchmusterung.
196717. R Microscopii. Variable. Class II. Max. 8.0. Min. 12.0. Period, $138^d.8$. On a photograph taken June 29, 1895, the spectrum is of Class Mb, having the line Hδ twice as bright as Hγ.
196725. θ Delphini.
196743. The star C.DM. −23° 16408, ptm. magn. 9.7, follows $2^s.4$, north 2′.0. The spectrum is partly superposed and is probably of Class G.
196753,4. The spectrum is composite.
196755. κ Delphini.
196775. The lines are wide.
196777. υ Capricorni.
196792. RU Vulpeculae. Variable. Class II. Max. 8.8. Min. 10.8. Period, 159^d. On a photograph taken September 28, 1897, the spectrum is of Class Ma, having the lines Hγ and Hδ equally bright.
196803. This star is C.DM. −60° 7517, magn. 9.5, and is not contained in the Cape Photographic Durchmusterung.
196850. Bu. 10402. P. A. 330°.0, Dist. 27″.66, magn. 7.0 and 8.7. The spectrum of the fainter component is seen on a plate taken with short dispersion, and is of Class G.
196867. α Delphini. The spectrum is slightly peculiar. The line K is as strong as in Class Ao, and other solar lines are strong.
196877. The spectrum appears to be somewhat peculiar in the presence of strong dark lines.
196899. U Indi. Variable. Class III. Max. *9.5*. Min. *10.9*. Period unknown and probably irregular.
196982. This spectrum appears on the photographs to be nearly continuous, except that Hγ, Hδ, Hϵ, and Hζ are bright. The region of Hβ is not well defined.
196990. The observation Ao, on I 38507, residual *10*, was rejected. The image is defective on that plate.

197051. β Pavonis.
197076. The hydrogen lines are as strong as in Class Go.
197105. The observation, F8, on B 10252, residual 13, was rejected. The spectrum is too near the edge of that plate.
197157. η Indi. Read 5,10 R, for 5,R.
197177,8. Bu. 10437. P. A. 48°.4, Dist. 2″.86, magn. 6.0 and 8.1. The spectrum is composite.
197242. This star is C. DM. −61° 6470, magn. 9.8, and is not contained in the Cape Photographic Durchmusterung.
197312,3. H. D. 197312 precedes 2^s.0, in the same declination. Both spectra appear to be of Class F5.
197345. α Cygni. The lines are very narrow. See H.A. 28, 186, Remark 154, for notes on special lines in the spectrum.
197378. Bright lines are suspected to be present.
197381. The lines appear to be narrow.
197419. Suspected to be a variable of Class V, with a range of 0.25 magn.
197420. S Delphini. Variable. Class II. Max. 8.4. Min. 12.0. Period, $277^d.5$. The star +16° 4350, ptm. magn. 8.3, precedes $1^s.3$, north 1′.1. The spectrum is partly superposed and is of Class K.
197433. The spectrum appears to be somewhat peculiar, and may resemble in some respects that of R Coronae Borealis. The definition is not very good.
197461. δ Delphini. Read 5,10 R, for 5,R.
197557. This star is C. P. D. −38° 8099.
197568. This star is C.DM −61° 6474, magn. 9.3, and is not contained in the Cape Photographic Durchmusterung.
197572. X Cygni. Variable. Class IV. Max. 6.2. Min. 7.4. Period, $16^d.38543$. The lines are narrow. At or near maximum, the hydrogen lines, also 4077.9, 4215.7, and a group near 4200 are very strong. On a photograph taken July 24, 1912, the spectrum is fainter from Hγ to the end of shorter wave length, and the above-named strong lines are of lessened intensity.
197633. This star is C. DM. −61° 6475, magn. 9.7, and is not contained in the Cape Photographic Durchmusterung.
197635. σ Pavonis.
197637. The lines are somewhat narrow.
197692. ψ Capricorni.
197772. T Delphini. Variable. Class II. Max. 8.3. Min. 14.2. Period, $331^d.2$. On a photograph taken September 28, 1905, the spectrum is of Class Mb, having the lines Hγ and Hδ bright, and of nearly equal intensity. On October 28, 1904, the line Hδ was 8 times as bright as Hγ.
197812. U Delphini. Variable. Class III. Max. 6.4. Min. 7.5. Period, irregular.
197911. The line (K) is strong for this class.
197937. ι Microscopii. Read 0, 10 R, for 0,R.
197942. V Aquarii. Variable. Class II. Max. 8.3. Min. 10.2. Period, $245^d.5$. On a photograph taken September 9, 1893, the spectrum is of Class Mb, having the line Hγ bright. The line Hδ is suspected to be bright, but, if so, it has not more than one tenth of the intensity of Hγ.
197963,4. γ Delphini. Bu. 10509. P. A. 271°.0, Dist, 11″.16. The two spectra show only a slight separation in right ascension. The fainter spectrum is not very distinct, but appears to be of Class F8.
197989. ϵ Cygni.
198001. ϵ Aquarii.
198018,9. H. D. 198018 precedes $0^s.4$, north 0′.7. The combined spectrum is very faint.
198026. k Aquarii.
198048. ζ Indi. Read 5,10 R, for 5,R.
198087. The star +34° 4151, ptm. magn. 9.0, follows $0^s.2$, north 2′.5. The spectrum is partly superposed and is of Class F8 or Go.
198134. T Cygni. This star has been suspected of variability.
198136. V Delphini. Variable. Class II. Max. 7.7. Min. 17.1. Period, 532^d. On a photograph taken November 21, 1914, the spectrum is of Class Ma, having the line Hδ twice as bright as Hγ.
198149. η Cephei.
198160,1. Innes 20^h 72. P. A. 95°.2, Dist. 2″.6. No peculiarity is seen in the combined spectrum and both are probably alike. Read 2,10 R, for 2,R.
198164. This is a very red star. The spectrum was taken with the 24-inch Reflector on a plate stained with pinacyanol. Nearly all the light is between Hα and Hβ. Several absorption lines are visible in this region. The spectrum does not resemble Class N.
198183. λ Cygni.
198232. α Microscopii. The line 4226.9 is only 0.8 as intense as in the spectrum of α Phoenicis, the typical star. Read 5,10 R, for 5,R.
198287,8. The spectrum is composite. Aitken No. 1434. P. A. 256°.5, Dist. 2″.30, magn. 6.7 and 13.7. The brighter star must be a close double, either visual or spectroscopic, as the spectrum seems to be a blend of two spectra of nearly equal brightness.
198308. ι Indi.
198373. T Aquarii. Variable. Class II. Max. 6.8. Min. 13.4. Period, $203^d.3$. On a photograph taken July 15, 1898, the spectrum is of Class Ma, having the line Hδ 0.8 as bright as Hγ.
198459. The observation, F2, on I 37938, residual 12, was rejected. The image is too faint on that plate.
198501. The line 4077.9 is stronger than normal.
198508. This star is C. DM. −58° 7893, magn. 10, and is not contained in the Cape Photographic Durchmusterung.
198512. The exact character of the spectrum is not well defined. On the best plates, it is nearly continuous, with the presence of bright lines suspected. It is apparently of a late division of Class O, or of an early Class B.
198526. The absorption between 4227 and 4241 is strong.
198529. β Microscopii. Read 2,10 R, for 2,R.
198542. ω Capricorni.
198601. The spectrum is very hazy. This is probably due to duplicity. The star is Bu. 10564, P. A. 240°.8, Dist. 6″.74, magn. 8.8 and 9.6.
198648. All lines are very faint except those of hydrogen. The line K is not distinctly seen. Lines 4077.9, 4128.1, and 4131.1 are present, but not of marked intensity.
198700. β Indi.
198722. The star −54° 9763, magn. 9.0, follows $1^s.0$, south

3′.2. The spectrum is partly superposed and is probably also of Class G.

198726. T Vulpeculae. Variable. Class IV. Max. 5.5. Min. 6.4. Period, $4^d.435521$. The lines are narrow, and the enhanced lines characteristic of Cepheid variables are strong.

198735. U Pavonis. Variable. Class II. Max. *8.6*. Min. *<12*. Period, 277^d. On a photograph taken July 18, 1911, the spectrum is of Class Mb, having the lines Hγ and Hδ nearly equally bright.

198743. μ Aquarii.

198797. The star +38° 4255, ptm. magn. 9.1, follows $12^s.2$, north 0′.2. The spectrum, which is partly superposed on that of H.D. 198797, appears to be of Class K2.

198810,1. The spectrum is composite. Bu. 10581. P. A. 171°.2, Dist. 0″.40, magn. 8.0 and 8.0.

198846. Y Cygni. Variable. Class V. Max. 7.1. Min. 7.9. Period, $2^d.996332$. On one photograph, the hydrogen lines and (K), which is strong for the class, are wide and almost double.

199003. S Indi. Variable. Class II. Max. *8.6*. Min. *<12.5*. Period, $402^d.7$. On a photograph taken September 7, 1896, the spectrum is of Class Mb, having the line Hδ bright.

199170. X Delphini. Variable. Class II. Max. 8.4. Min. <13.8. Period, 277^d. On a photograph taken November 21, 1914, the spectrum is of Class Ma, having the line Hδ twice as bright as Hγ.

199223. The spectrum is peculiar. In the distribution of light, it resembles Class G5 or Ko, while the hydrogen lines are as strong as in Class Go.

199252. UX Cygni. Variable. Class II. Max. 7.4. Min. <13.0. Period, 565^d. On a photograph taken November 7, 1904, the spectrum is of Class Mc, having the line H twice as bright as Hγ.

199288. Proper motion, 1″.12, 208°.1.

199303. — Indi. Variable. Max. *9.4*. Min. *10.2*. Class and period, unknown.

199306,7. The spectrum is composite. Bu. 10618. P. A. 33°.9, Dist. 0″.16, magn. 7.4 and 7.8.

199356. The line Hβ is bright, and other bright lines are present between Hβ and Hγ. The hydrogen lines seem to be narrow, and the spectrum may resemble that of ζ^1 Scorpii, which is described in H.A. **28**, 177, Remark 43.

199378,9. The spectrum is composite.

199454. S Equulei. Variable. Class V. Max. *8.4*. Min. *10.3*. Period, $3^d.436$.

199478. The lines are narrow, and the spectrum resembles that of β Orionis, H. D. 34085.

199532. α Octantis.

199629. ν Cygni.

199716. The star +30°4255, ptm. magn. 9.2, follows $0^s.8$, north 3′.0. The spectrum is partly superposed and appears to be of Class F.

199721,2. H. D. 199721 precedes 1^s, south 0′.1.

199728. The lines 4128.1 and 4131.1 are strong.

199738. The star +63° 1677, whose magnitude in the Durchmusterung is 7.7, follows 7^s, south 0′.4. The spectrum of this star was looked for on several plates, and was found on a photograph taken with short dispersion. Although faint, it appears to be of Class K5.

199803. The observation, Go, on B 14193, residual *10*, was rejected. The spectrum is partly superposed on that of H. D. 199802.

199814,5. H. D. 199814 follows $0^s.3$, north 0′.9. The two spectra may be alike.

199866. This star is C.DM. −59° 7624, magn. 9.8, and is not contained in the Cape Photographic Durchmusterung.

199930. This star is C. P. D. −43° 9355, magn. 9.4, and is not contained in the Cordoba Durchmusterung.

199951. γ Microscopii.

200072. Proper motion, 1″.22, 154°.7.

200120. f^1 Cygni. The lines Hβ, Hγ, Hδ, Hε, and Hζ are bright, and superposed on dark bands, which appear to be strongest on the side of greater wave length. See also H.A. 56, 110, Remark 148.

200128. RR Capricorni. Variable. Class II. Max. 8.0. Min. <12. Period, 240^d. On a photograph taken October 28, 1899, the spectrum is of Class Mc, having the line Hδ twice as bright as Hγ.

200163. ζ Microscopii.

200191,2. H. D. 200191 precedes $0^s.0$, south 0′.3.

200208. The observation, F5, on I 37948, residual 12, was rejected. The focus is too poor on that plate.

200286. T Octantis. Variable. Class II. Max. *9.0*. Min. *<12.5*. Period, 205^d. On a photograph taken August 2, 1894, a faint spectrum is seen, having the line Hδ 0.2 as bright as Hγ.

200365. μ Indi.

200428,9. The spectrum is composite.

200460. X Microscopii. Variable. Class II. Max. *9.3*. Min. *15.0*. Period, unknown. On a photograph taken November 2, 1909, the spectrum is of Class Ma, having Hγ and Hδ equally bright. On October 24, 1911, Hδ was 5 times as bright as Hγ.

200496,7. The spectrum is composite. Bu. 10698. P. A. 191°.1, Dist. 2″.79, combined magn. 5.63.

200499. η Capricorni.

200516. N. G. C. 7009. Planetary nebula. Photometric magn. 7.86.

200528. YZ Cygni. The variablity, if real, is probably very small.

200551. This star is C.DM. −22° 15182, magn. 9.0, and S.D. −23° 434, magn. 9.1.

200687. R Vulpeculae. Variable. Class II. Max. 7.5. Min. 12.1. Period, $136^d.8$. On a photograph taken July 25, 1894, the spectrum is of Class Mb, having the line Hδ 0.4 as bright as Hγ.

200702. η Microscopii.

END OF VOLUME 98.