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Catalogue of 2436 Stars from Observations with the Reversible Meridian Circle, made at the Dominion Observatory, Ottawa, during the Years 1911-1923

BY

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OTTAWA
EDMOND CLOUTIER, C.M.G., B.A., L.Ph.,
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
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ABSTRACT

This catalogue is the result of observations taken at Ottawa between the years 1911 and 1923. Primarily the program was undertaken to improve star positions needed in carrying out field observations for latitude and longitude in Canada. Right ascensions are determined differentially with a selected list of stars from Boss P.G.C. used as the fundamental catalogue. Declinations were computed from nadir readings with 45° 23′ 39″·0 used as a provisional latitude of the meridian circle. No correction for flexure was applied and Pulkowa refraction tables were used. Corrections for variation of latitude were taken from values given by the International Latitude Variation stations. Tables of pivot errors, circle division errors, etc., are given. Clamp errors were investigated and a solution from pole stars at upper and lower culmination gave as a correction to the provisional latitude used

$$\phi = 45° 23' 38''\cdot 67$$

A reversing prism was used with the eye-piece throughout the work. Tables give comparisons of the Ottawa values with those of Boss P.G.C., Eichelberger's positions for 1925 and the First Greenwich Catalogue for 1925·0.

INTRODUCTION

The Meridian Circle in use at Ottawa was made by Troughton and Simms. A description of it and the many difficulties overcome to get it mounted are given in the Report of the Chief Astronomer for the years 1908, 1909, 1910 and 1911. The observations were started in 1911 and completed in 1923. The list comprised:

(1) One hundred and eighty clock stars in a belt approximately twenty degrees north and south of the equator.

(2) Twenty-one azimuth stars, over 80° declination.

(3) Two hundred and fifty-four standard stars distributed amongst nearly 2,000 stars for which recent observations were needed.

During these years the meridian circle observations were the basis of the time service, and the longitude observations throughout Canada consequently were based on the meridian circle. The work throughout most of these years was under the direction of Mr. R. Meldrum Stewart, M.A., who had complete charge of bringing the meridian circle into operation, the development of the program of observing, and who took a regular part in the night observations. Mr. C. C. Smith, B.A., was in charge of the division from 1921 to the time of his retirement in 1937. He carried out much of the work of investigating various errors connected with the declinations and right ascensions. Mr. D. B. Nugent, M.A., was associated with the work from its beginning, and observed up to 1923, as well as doing considerable work on the right ascension computations. R. J. McDiarmid, Ph.D., joined the staff in 1911 and observed throughout most of the years of the program, besides taking a major part in the right ascension computations. W. S. McClenahan, B.A., joined the staff in 1914 and observed from that time on except for a period of three years during the First Great War.

To the above five men goes the credit of taking observations and doing a great part of the computing. Others who assisted in the computations were Messrs. W. C. Jaques, M.A., E. C. Arbogast, M.A., and A. H. Swinburn. Mr. Dave Robertson assisted mostly in the scaling, and since his death Miss K. C. Nevins has done this work and assisted in

other computing. Much of the computing had been completed for some years, but there were certain errors, such as clamp differences, correction to the provisional latitude, and other errors, about which no definite decision had been made. These have been cleared up in the past year or two and the list of stars prepared for publication. Mr. E. G. Woolsey, B.Sc., who joined the staff in 1946, has assisted in this latter part of the work.

Right Ascensions

The mean places of the clock and azimuth stars were computed from Boss' Preliminary General Catalogue for each year. The right ascensions for the date required were computed, except for eight stars, from the American Ephemeris and corrected by the difference between (mean place from Boss) and (mean place from American Ephemeris). The other eight stars were taken from other ephemerides and corrected in a similar manner. Boss' proper motions were used except for the fraction of a year up to the date of observation. Corrections for short-period terms were also applied. No results for right ascension were retained unless at least six clock stars, distributed over a period of three hours, were observed by the same observer. Table I is a list of clock stars used.

TABLE I

No.	Name	Mag.	Dec.	Right Ascension 1925·0 Ottawa Ledgers	Boss -Ottawa	No.	Name	Mag.	Dec.	Right Ascension 1925·0 Ottawa Ledgers	Boss -Ottawa
			° ′	h m s	s				° ′	h m s	s
F 1	γ Pegasi	2·9	+14 46·0	0 9 22·270	+0·004	F 34	ε Tauri	3·6	+19 0·9	24 14·060	+ ·026
F 2	ι Ceti	3·7	− 9 14·4	15 36·394	+ ·016	F 35	α Tauri	0·9	+16 21·6	31 36·883	+ ·022
F 3	13 Ceti	5·4	− 4 0·3	31 23·209	− ·006	F 36	μ Eridani	4·2	− 3 23·4	41 45·072	+ ·003
F 4	δ Piscium	4·6	+ 7 10·6	44 47·352	− ·007	F 37	π^5 Orionis	3·8	+ 2 19·1	50 20·578	+ ·011
F 5	20 Ceti	5·0	− 1 33·0	49 10·409	− ·016	F 38	β Eridani	2·8	− 5 10·9	5 4 9·699	+ ·020
F 6	ε Piscium	4·5	+ 7 29·2	59 2·904	+ ·010	F 39	β Orionis	0·0	− 8 17·2	10 55·983	− ·007
F 7	η Ceti	3·5	−10 34·8	1 4 48·997	− ·019	F 40	τ Orionis	3·7	− 6 55·4	13 57·835	·000
F 8	89 Piscium	5·4	+ 3 13·2	13 55·701	− ·002	F 41	γ Orionis	1·6	+ 6 17·0	21 6·460	− ·007
F 9	θ Ceti	3·7	− 8 34·2	20 16·449	− ·009	F 42	δ Orionis	2·2	− 0 21·2	28 10·455	+ ·004
F 10	η Piscium	3·8	+14 57·6	27 27·990	+ ·023	F 43	ε Orionis	1·6	− 1 15·0	32 24·453	− ·018
F 11	ν Piscium	4·7	+ 5 6·5	37 31·567	+ ·001	F 44	κ Orionis	2·1	− 9 41·7	44 11·931	+ ·014
F 12	ο Piscium	4·4	+ 8 46·8	41 25·812	+ ·005	F 45	α Orionis	0·1–1·2	+ 7 23·7	51 6·673	+ ·001
F 13	ζ Ceti	3·8	−10 42·3	47 45·451	+ ·015	F 46	ν Orionis	4·4	+14 46·7	6 3 17·367	+ ·009
F 14	ξ Piscium	4·8	+ 2 49·1	49 40·248	− ·004	F 47	5 Monocerotis	4·2	− 6 15·0	11 11·861	− ·007
F 15	β Arietis	2·7	+20 26·5	50 29·556	+ ·004	F 48	8 Monocerotis	4·5	+ 4 37·9	19 47·608	+ ·029
F 16	ξ^1 Ceti	4·6	+ 8 29·7	2 9 1·317	− ·016	F 49	10 Monocerotis	5·0	− 4 42·9	24 15·373	− ·017
F 17	θ Arietis	5·7	+19 33·3	13 56·969	− ·007	F 50	γ Geminorum	1·8	+16 27·9	33 22·795	+ ·008
F 18	ξ^2 Ceti	4·4	+ 8 7·5	24 10·114	− ·005	F 51	ξ Geminorum	3·3	+12 58·7	41 4·829	+ ·008
F 19	δ Ceti	4·1	+ 0 0·3	35 38·165	·000	F 52	θ Canis Majoris	4·2	−11 56·6	50 42·321	+ ·007
F 20	μ Ceti	4·3	+ 9 48·0	40 53·098	− ·016	F 53	ζ Geminorum	3·7–4·3	+20 40·9	59 39·721	+ ·005
F 21	η Eridani	4·0	− 9 11·7	52 45·760	− ·014	F 54	γ Canis Majoris	4·1	−15 31·3		
F 22	α Ceti	2·7	+ 3 47·8	58 21·397	− ·011	F 55	22 Monocerotis	4·1	− 0 22·0	7 8 2·084	+ ·027
F 23	δ Arietis	4·6	+19 26·6	3 7 20·171	+ ·011	F 56	λ Geminorum	3·5	+16 40·6	13 47·051	− ·004
F 24	ο Tauri	3·6	+ 8 46·0	20 46·467	+ ·007	F 57	β Canis Minoris	3·1	+ 8 26·5	23 5·094	− ·013
F 25	5 Tauri	4·4	+12 40·8	26 43·755	− ·006	F 58	6 Canis Majoris	4·9	+12 9·8	25 37·383	+ ·010
F 26	ε Eridani	3·7	− 9 42·7	29 23·740	+ ·021	F 59	25 Monocerotis	5·2	− 3 56·5	33 32·967	+ ·009
F 27	δ Eridani	3·7	−10 1·0	39 39·236	+ ·018	F 60	α Canis Minoris	0·5	+ 5 25·1	35 22·626	+ ·045
F 28	γ Eridani	3·1	−13 43·2	54 31·751	+ ·019	F 61	9 Puppis	5·3	−13 41·9	48 17·936	− ·002
F 29	λ Tauri	3·5	+12 16·8	56 31·349	− ·005	F 62	8 Cancri	5·2	+13 20·0	8 0 53·931	− ·003
F 30	ν Tauri	4·0	+ 5 47·0	59 9·867	− ·008	F 63	β Cancri	3·7	+ 9 25·1	12 26·972	− ·011
F 31	ο Eridani	4·2	− 7 2·0	4 8 12·187	− ·003	F 64	30 Monocerotis	3·9	− 3 39·6	21 54·817	+ ·012
F 32	γ Tauri	3·8	+15 26·9	15 31·382	− ·022	F 65	β Hydrae	4·2	+ 5 58·0	33 41·220	+ ·003
F 33	δ Tauri	4·0	+17 22·1	18 36·398	+ ·016	F 66	δ Cancri	4·1	+18 25·9	40 25·542	− ·003

TABLE I—*Concluded*

No.	Name	Mag.	Dec.	Right Ascension 1925·0 Ottawa Ledgers	Boss –Ottawa	No.	Name	Mag.	Dec.	Right Ascension 1925·0 Ottawa Ledgers	Boss –Ottawa
			° ′	h m s	s				° ′	h m s	s
F 67	ζ Hydrae	3·3	+ 6 13·9	51 25·845	·000	F 124	ζ Ophiuchi	2·7	−10 25·0	33 1·602	− ·011
F 68	α Cancri	4·3	+12 8·9	54 23·236	+ ·028	F 125	κ Ophiuchi	3·4	+ 9 29·4	54 7·014	+ ·013
F 69	κ Cancri	5·1	+10 58·3	9 3 41·206	+ ·024	F 126	η Ophiuchi	2·6	−15 38·0	17 6 4·511	− ·009
F 70	θ Hydrae	3·8	+ 2 37·9	10 27·828	− ·002	F 127	σ Ophiuchi	4·4	+ 4 12·2	22 47·548	− ·001
F 71	α Hydrae	2·2	− 8 20·0	23 54·146	− ·003	F 128	α Ophiuchi	2·1	+12 36·8	31 27·114	+ ·014
F 72	ι Hydrae	4·1	− 0 48·1	36 1·602	+ ·005	F 129	β Ophiuchi	2·9	+ 4 35·8	39 46·000	+ ·009
F 73	o Leonis	3·8	+10 14·1	37 9·001	− ·012	F 130	γ Ophiuchi	3·7	+ 2 44·1	44 7·873	− ·003
F 74	π Leonis	4·9	+ 8 24·3	56 15·101	+ ·002	F 131	ν Ophiuchi	3·5	− 9 45·9	54 53·974	+ ·020
F 75	η Leonis	3·6	+17 7·6	10 3 14·796	·000	F 132	67 Ophiuchi	3·9	+ 2 56·0	56 53·277	+ ·020
F 76	α Leonis	1·3	+12 20·1	4 22·796	+ ·017	F 133	72 Ophiuchi	3·7	+ 9 33·1	18 3 47·601	·000
F 77	λ Hydrae	3·8	−11 59·0	6 55·913	− ·019	F 134	η Serpentis	3·4	− 2 55·2	17 25·705	− ·010
F 78	22 Sextantis	5·5	− 7 41·6	13 54·202	− ·020	F 135	γ Scuti	4·7	−14 36·9	24 55·363	+ ·007
F 79	μ Hydrae	4·1	−16 27·2			F 136	1 Aquilae	4·1	− 8 17·9	31 7·509	+ ·015
F 80	ρ Leonis	3·8	+ 9 41·6	28 51·837	− ·001	F 137	2 Aquilae	4·7	− 9 7·5	38 10·025	+ ·015
F 81	1 Leonis	5·3	+10 56·5	45 19·003	+ ·008	F 138	6 Aquilae	4·5	− 4 49·8	43 11·716	− ·018
F 82	d Leonis	5·0	+ 4 1·2	56 41·288	− ·019	F 139	θ Serpentis pr.	4·5	+ 4 6·3	52 29·458	+ ·002
F 83	χ Leonis	4·7	+ 7 44·5	11 1 8·971	− ·014	F 140	ε Aquilae	4·2	+14 57·9	56 13·109	− ·049
F 84	θ Leonis	3·4	+15 50·4	10 18·394	− ·003	F 141	λ Aquilae	3·6	− 4 59·8	19 2 16·130	+ ·006
F 85	δ Crateris	3·8	−14 22·4	15 35·372	+ ·003	F 142	ω Aquilae	5·1	+11 27·5	14 17·765	− ·014
F 86	σ Leonis	4·1	+ 6 26·4	17 16·200	+ ·005	F 143	δ Aquilae	3·4	+ 2 57·8	21 43·021	+ ·001
F 87	ν Leonis	4·5	− 0 24·6	33 6·504	+ ·003	F 144	π Aquilae	5·0	− 7 11·7	32 51·436	·000
F 88	β Leonis	2·2	+14 59·5	45 14·151	− ·005	F 145	γ Aquilae	2·8	+10 25·8	42 41·635	+ ·010
F 89	β Virginis	3·8	+ 2 11·2	46 47·311	+ ·002	F 146	δ Sagittae	3·8	+18 20·9	44 2·587	+ ·005
F 90	π Virginis	4·6	+ 7 1·9	57 1·799	− ·002	F 147	α Aquilae	0·9	+ 8 40·1	47 7·462	− ·010
F 91	o Virginis	4·2	+ 9 9·0	12 1 23·350	+ ·011	F 148	β Aquilae	3·9	+ 6 13·1	51 37·753	− ·014
F 92	η Virginis	4·0	− 0 15·0	16 4·101	− ·010	F 149	γ Sagittae	3·7	+19 17·2	55 25·282	− ·007
F 93	δ Corvi	3·1	−16 5·9	25 58·842	+ ·021	F 150	θ Aquilae	3·4	− 1 2·7	20 7 26·153	− ·003
F 94	24 Comae Seq.	5·2	+18 47·4	31 22·129	+ ·026	F 151	α^2 Capricorni	3·8	−12 46·7		
F 95	χ Virginis	4·8	− 7 35·0	35 22·400	+ ·009	F 152	β Capricorni	3·2	−15 1·2	16 47·956	− ·009
F 96	δ Virginis	3·7	+ 3 48·3	51 49·486	− ·008	F 153	ε Delphini	4·0	+11 2·8	29 37·780	+ ·018
F 97	ε Virginis	3·0	+11 21·7	58 26·582	+ ·033	F 154	β Delphini	3·7	+14 20·0	34 1·920	− ·011
F 98	θ Virginis	4·4	− 5 8·3	13 6 3·875	− ·001	F 155	α Delphini	3·9	+15 38·8	36 9·252	+ ·007
F 99	σ Virginis	5·0	+ 5 51·9	13 48·990	− ·009	F 156	ε Aquarii	3·8	− 9 46·3	43 37·039	+ ·006
F 100	α Virginis	1·2	−10 46·2	21 14·376	− ·013	F 157	μ Aquarii	4·8	− 9 15·9	48 36·612	− ·012
F 101	ζ Virginis	3·4	− 0 12·8	30 52·238	− ·041	F 158	ν Aquarii	4·5	−11 40·6	21 5 30·620	+ ·022
F 102	τ Bootis	4·5	+17 49·8	43 41·882	− ·001	F 159	α Equulei	4·1	+ 4 56·2	12 4·514	+ ·002
F 103	η Bootis	2·8	+18 46·4	51 6·808	+ ·011	F 160	1 Pegasi	4·2	+19 29·0	18 37·032	− ·006
F 104	τ Virginis	4·3	+ 1 54·4	57 49·670	+ ·016	F 161	β Aquarii	3·1	− 5 54·1	27 36·721	− ·008
F 105	κ Virginis	4·3	− 9 55·5	14 8 53·509	+ ·015	F 162	ξ Aquarii	4·8	− 8 11·5	33 45·645	− ·005
F 106	α Bootis	0·2	+19 34·3	12 14·415	− ·004	F 163	ε Pegasi	2·5	+ 9 31·8	40 30·128	− ·001
F 107	λ Virginis	4·6	−13 1·6	15 2·880	− ·001	F 164	δ Capricorn	3·0	−16 28·1	42 54·227	− ·004
F 108	φ Virginis	5·0	− 1 53·5	24 20·159	+ ·009	F 165	μ Capricorn	5·2	−13 54·3	49 12·556	− ·006
F 109	μ Virginis	4·0	− 5 20·0	39 6·317	·000	F 166	α Aquarii	3·2	− 0 41·1	22 1 55·961	− ·018
F 110	109 Virginis	3·8	+ 2 12·5	42 27·311	+ ·013	F 167	θ Pegasi	3·7	+ 5 49·7	6 24·988	+ ·011
F 111	α^2 Librae	2·9	−15 43·9	46 43·547	+ ·005	F 168	θ Aquarii	4·3	− 8 9·4	12 52·653	− ·024
F 112	δ Librae	4·8–6·2	− 8 13·3	56 57·762	+ ·033	F 169	γ Aquarii	4·0	− 1 45·9	17 46·957	+ ·015
F 113	β Librae	2·7	− 9 6·4	15 12 58·078	+ ·022	F 170	σ Aquarii	4·9	−11 3·7	26 40·763	+ ·022
F 114	γ Librae	4·0	−14 32·4	31 19·661	− ·001	F 171	η Aquarii	4·1	− 0 30·3	31 30·169	+ ·012
F 115	α Serpentis	2·8	+6 39·6	40 34·363	− ·022	F 172	ζ Pegasi	3·6	+10 26·4	37 43·246	− ·001
F 116	β Serpentis	3·7	+15 39·3	42 43·504	+ ·018	F 173	λ Aquarii	3·5	− 7 58·7	48 42·181	+ ·016
F 117	μ Serpentis	3·6	− 3 12·1	45 42·240	+ ·002	F 174	α Pegasi	2·6	+14 48·1	23 1 1·402	·000
F 118	ε Serpentis	3·8	+ 4 42·2	47 4·552	− ·010	F 175	φ Aquarii	4·4	− 6 27·2	10 26·332	− ·030
F 119	γ Serpentis	3·9	+15 54·3	52 59·241	+ ·016	F 176	γ Piscium	3·8	+ 2 52·3	13 16·617	− ·013
F 120	δ Ophiuchi	3·0	− 3 30·1	16 10 24·809	− ·021	F 177	κ Piscium	4·9	+ 0 50·7	23 5·245	+ ·005
F 121	ε Ophiuchi	3·3	− 4 30·5	14 21·071	− ·026	F 178	ι Piscium	4·3	+ 5 13·2	36 5·501	− ·001
F 122	γ Herculis	3·8	+19 19·7	18 36·649	− ·012	F 179	φ Pegasi	5·2	+18 42·2	48 40·137	+ ·025
F 123	β Herculis	2·8	+21 39·1	26 59·702	− ·027	F 180	ω Piscium	4·0	+ 6 26·9	55 27·517	+ ·010

TABLE II

$\Delta \alpha$ (BOSS — OTTAWA) (from Clock Stars)

h h	s	h h	s	h h	s
0 — 1	−.002	8 — 9	·004	16 — 17	−·014
1 — 2	·002	9 — 10	·002	17 — 18	·007
2 — 3	−·010	10 — 11	−·006	18 — 19	−·005
3 — 4	·007	11 — 12	−·001	19 — 20	−·003
4 — 5	·008	12 — 13	·011	20 — 21	−·001
5 — 6	·001	13 — 14	−·005	21 — 22	−·001
6 — 7	·005	14 — 15	·009	22 — 23	·004
7 — 8	·010	15 — 16	·004	23 — 24	−·001

The accidental differences between the right ascensions of Boss and the Ottawa ledgers as shown in Table I are in all cases small, while Table II indicates that these differences are not in any way dependent on right ascension. The Ottawa places are, however, affected by the periodic errors in right ascension introduced through the medium of the mean places of Boss.

The collimation error was measured before and after each series of observations. In making observations for the coincidence of the north collimator on the south mark (1911 to 1920) or the south collimator on the north collimator (1920-1923) the view was taken through the pierced cube of the meridian circle.

Ten readings of the micrometer of the north collimator on the south mark were taken and the north collimator was set at the mean of these readings just prior to the observations of the collimator and the mark with the meridian circle. In 1920 a collimator was mounted on the pier south of the meridian circle. Ten readings were made by the micrometer of the south collimator on the north collimator and the former was set at the mean of the readings in order to set the wire systems of the one with the other. Observations on these collimators were then made with the meridian circle.

Readings of the twenty contacts, for the transit micrometer, both the make and the break, were generally taken once a month, and from these readings the mean of the contacts and the width of the contact strip were determined. Denoting the mean of these readings by M and the reading for the line of collimation by C the following formulae give the collimation errors,

$$\text{Cl. E.} \qquad c = (C - M)\ R - {}^{s}\cdot 0023$$

$$\text{Cl. W.} \qquad c = (M - C)\ R + {}^{s}\cdot 0018$$

where the constants are corrections for pivot irregularities and R is the micrometer value.

The collimation error used was the mean of the two determinations made at the start and the end of a night's work. In the computations of the stars, the collimation error, diurnal aberration, pivot error, and one-half strip width, were applied as one error. The error of collimation is positive when a positive correction has to be added to the time of transit of a star at upper culmination.

The value of one revolution of the right ascension micrometer is $3^{s}\cdot 217$.

Considerable difficulty with the pivots was experienced and an account of this is contained in the Report of the Chief Astronomer for 1909. Pivot errors were measured in 1912 by R. M. Stewart and C. C. Smith and the following is a table of these errors applied as a correction to the collimation. Pivot errors have been measured since then and it was not found necessary to change the original values. The method used was similar to the one used at the Cape of Good Hope Observatory, only at Ottawa each pivot was measured separately.

TABLE III.—PIVOT ERRORS

Clamp East			Clamp West			Clamp East			Clamp West		
W. Pointer		Δ c	E. Pointer		Δ c	W. Pointer		Δ c	E. Pointer		Δ c
°	′	s	°	′	s	°	′	s	°	′	s
269	07		269	02				−0·002			0·002
		0·002			−0·002	333	02		332	57	
271	02		270	57		334	52	− ·001	334	47	·001
		·001			− ·001			·000			·000
272	57		272	52		336	37		336	32	
		·000			·000			·001			− ·001
274	52		274	47		338	27		338	22	
		− ·001			·001			·002			− ·002
276	52		276	47		340	12		340	07	
		− ·002			·002			·003			− ·003
278	52		278	47		341	57		341	52	
		− ·003			·003			·004			− ·004
280	52		280	47		343	42		343	37	
		− ·004			·004			·005			− ·005
283	02		282	57		345	32		345	27	
		− ·005			·005			·006			− ·006
285	22		285	17		347	27		347	22	
		− ·006			·006			·007			− ·007
287	52		287	47		349	27		349	22	
		− ·007			·007			·008			− ·008
290	42		290	37		351	37		351	32	
		− ·008			·008			·009			− ·009
294	07		294	02		354	02		353	57	
		− ·009			·009			·010			− ·010
298	57		298	52		356	52		356	47	
		− ·010			·010			·011			− ·011
311	42		311	37		0	52		0	47	
		− ·009			·009			·012			− ·012
316	27		316	22		11	07		11	02	
		− ·008			·008			·011			− ·011
319	47		319	42		14	52		14	47	
		− ·007			·007			·010			− ·010
322	32		322	27		17	27		17	22	
		− ·006			·006			·009			− ·009
324	57		324	52		19	32		19	27	
		− ·005			·005			·008			− ·008
327	12		327	07		21	27		21	22	
		− ·004			·004			·007			− ·007
329	12		329	07		23	07		23	02	
		− ·003			·003			·006			− ·006
331	12		331	07		24	42		24	37	
		− ·002			·002			·005			− ·005

TABLE III.—PIVOT ERRORS—*Continued*

Clamp East			Clamp West			Clamp East			Clamp West		
W. Pointer		Δ c	E. Pointer		Δ c	W. Pointer		Δ c	E. Pointer		Δ c
°	′	s	°	′	s	°	′	s	°	′	s
		0·005			−0·005			−0·006			0·006
26	12		26	07		80	22		80	17	
		·004			− ·004			− ·005			·005
27	37		27	32		81	42		81	37	
		·003			− ·003			− ·004			·004
29	02		28	57		82	57		82	52	
		·002			− ·002			− ·003			·003
30	22		30	17		84	17		84	12	
		·001			− ·001			− ·002			·002
31	42		31	37		85	32		85	27	
		·000			·000			− ·001			·001
33	02		32	57		86	47		86	42	
		− ·001			·001			·000			·000
34	17		34	12		88	02		87	57	
		− ·002			·002			·001			− ·001
35	37		35	32		89	17		89	12	
		− ·003			·003			·002			− ·002
36	57		36	52		90	32		90	27	
		− ·004			·004			·003			− ·003
38	17		38	12		91	52		91	47	
		− ·005			·005			·004			− ·004
39	37		39	32		93	12		93	07	
		− ·006			·006			·005			− ·005
40	57		40	52		94	37		94	32	
		− ·007			·007			·006			− ·006
42	27		42	22		96	02		95	57	
		− ·008			·008			·007			− ·007
43	57		43	52		97	32		97	27	
		− ·009			·009			·008			− ·008
45	32		45	27		99	12		99	07	
		− ·010			·010			·009			− ·009
47	17		47	12		100	57		100	52	
		− ·011			·011			·010			− ·010
49	12		49	07		102	57		102	52	
		− ·012			·012			·011			− ·011
51	32		51	27		105	17		105	12	
		− ·013			·013			·012			− ·012
54	37		54	32		108	17		108	12	
		− ·014			·014			·013			− ·013
65	32		65	27		122	12		122	07	
		− ·013			·013			·012			− ·012
68	37		68	32		125	22		125	17	
		− ·012			·012			·011			− ·011
70	57		70	52		127	57		127	52	
		− ·011			·011			·010			− ·010
72	47		72	42		130	12		130	07	
		− ·010			·010			·009			− ·009
74	32		74	27		132	17		132	12	
		− ·009			·009			·008			− ·008
76	07		76	02		134	07		134	02	
		− ·008			·008			·007			− ·007
77	37		77	32		135	57		135	52	
		− ·007			·007			·006			− ·006
79	02		78	57		137	42		137	37	
		− ·006			·006			·005			− ·005

TABLE III.—PIVOT ERRORS—*Concluded*

Clamp East			Clamp West			Clamp East			Clamp West		
W. Pointer		Δ c	E. Pointer		Δ c	W. Pointer		Δ c	E. Pointer		Δ c
°	′	s	°	′	s	°	′	s	°	′	s
		0·005			−0·005			−0·003			0·003
139	22		139	17		207	07		207	02	
		·004			− ·004			− ·002			·002
141	02		140	57		208	57		208	52	
		·003			− ·003			− ·001			·001
142	42		142	37		210	52		210	47	
		·002			− ·002			·000			·000
144	22		144	17		212	37		212	32	
		·001			− ·001			·001			− ·001
146	02		145	57		214	27		214	22	
		·000			·000			·002			− ·002
147	42		147	37		216	22		216	17	
		− ·001			·001			·003			− ·003
149	27		149	22		218	12		218	07	
		− ·002			·002			·004			− ·004
151	12		151	07		220	12		220	07	
		− ·003			·003			·005			− ·005
152	57		152	52		222	12		222	07	
		− ·004			·004			·006			− ·006
154	52		154	47		224	22		224	17	
		− ·005			·005			·007			− ·007
156	52		156	47		226	47		226	42	
		− ·006			·006			·008			− ·008
159	02		158	57		229	27		229	22	
		− ·007			·007			·009			− ·009
161	22		161	17		232	42		232	32	
		− ·008			·008			·010			− ·010
163	57		163	52		237	37		237	32	
		− ·009			·009			·011			− ·011
167	07		167	02		247	22		247	17	
		− ·010			·010			·010			− ·010
171	22		171	17		252	17		252	12	
		− ·011			·011			·009			− ·009
186	27		186	22		255	37		255	32	
		− ·010			·010			·008			− ·008
190	42		190	37		258	22		258	17	
		− ·009			·009			·007			− ·007
193	52		193	47		260	47		260	42	
		− ·008			·008			·006			− ·006
196	37		196	32		263	02		262	57	
		− ·007			·007			·005			− ·005
198	57		198	52		265	07		265	02	
		− ·006			·006			·004			− ·004
201	12		201	07		267	07		267	02	
		− ·005			·005			·003			− ·003
203	12		203	07		269	07		269	02	
		− ·004			·004			·002			− ·002
205	12		205	07		271	02		270	57	
		− ·003			·003						

The level error was determined by a nadir observation. Using a Bohnenberger eye piece, the image of the travelling wire of the right ascension micrometer, reflected in a basin of mercury, was made to coincide with the image of the wire itself. Readings for

level error were always taken at the beginning and end of a night's work at least. Denoting the above reading by L the following formulae give the level errors.

Cl. E. $b = (C - L)\ R - {}^s\cdot 0135$

Cl. W. $b = (L - C)\ R + {}^s\cdot 0130$

where the constants are corrections for pivots. The level error is positive when the western end of axis is too high. The mean of the two or more determinations was used as the level error for the night.

To determine the azimuth error six clock stars along with two azimuth stars at upper culmination and two at lower culmination were observed whenever possible. Two azimuth marks were also used to keep a check on the azimuth of the instrument. Readings with the transit micrometer on these marks were taken at the beginning and end of each night's work so that the azimuth of the line joining the marks was known. From 1911 to 1922 weights were assigned to these values according to the number of polars observed during the night's work, and a weighted mean value adopted, usually over a period of one month. A correction was then applied to each night's work.

The marks, as observed by the telescope, consist each of a small hole in a plate illuminated by an electric light, and mounted so that they in turn can be referred to the optical centre of a lens mounted at the base of the pier. From 1923 all azimuth readings are referred to these two points underground and corrections applied as above.

A comparison between azimuth error determined from upper and lower culminating polars was made with the following result.

$$a_u - a_l = -{}^s\cdot 04$$

The azimuth error is positive when the western end of the axis is too far south.

The following stars were used to determine the azimuth error of the meridian circle.

TABLE IV.—AZIMUTH STARS

Compiled from Observations 1911-23 Meridian Circle, Ottawa

	Name	R. A. 1925			Dec. 1925			Obs. C.W.	Obs. C.E.	Boss-Ottawa
		h	m	s	°	′	″			s
43	H Cephei	0	58	11·056	85	51	20·3	101	89	·204
α	Ursae Minoris	1	34	13·533	88	54	11·1	39	34	·167
	Gr 642	3	42	25·197	86	24	46·3	34	46	·113
	Gr 750	4	12	24·132	85	21	23·1	68	69	·048
	Gr 944	5	37	43·235	85	9	46·7	80	93	·075
51	H Cephei	7	05	56·834	87	10	9·8	85	77	·156
25	H Camel	7	15	23·806	82	33	38·7	31	48	·104
	Gr 1119	8	23	37·326	88	51	27·9	76	53	·084
1	H Draconis	9	26	31·653	81	39	35.8	92	57	·167
29	H Camel	10	18	59·919	84	38	4·5	69	50	·211
30	H Camel	10	22	5·060	82	56	28·6	54	28	·050
	Br 1672	12	14	31·745	88	6	56·1	58	55	−·015
32²	H Camel	12	48	33·940	83	49	13·9	89	80	·080
	Gr 2283	15	01	7·489	87	31	18·1	72	72	·391
ε	Ursae Minoris	16	53	35·582	82	09	47·5	65	90	·018
δ	Ursae Minoris	17	56	25·156	86	36	50·5	77	81	·314
λ	Ursae Minoris	18	52	56·375	89	01	42·3	11	14	−·385
76	Draconis	20	48	6·964	82	15	17·7	132	104	·116
	Gr 3548	21	14	36·633	86	43	45·3	65	46	·438
32	H Cephei	22	19	30·334	85	43	53·3	20	21	·206
39	H Cephei	23	27	43·366	86	53	37·9	97	77	·234

The right ascensions of these stars for each night's work were computed in the same manner as those of the clock stars. No result was set down here unless at least two azimuth stars at upper culmination and two at lower culmination, or at least one at upper culmination and one at lower culmination combined with readings on the azimuth marks, were observed. Results were examined for a difference between upper and lower culmination observations. These were examined in each clamp and gave a weighted mean value of $^{s}\cdot002$. From this result it was considered correct to combine upper and lower observations. Next the results were examined for a clamp difference. This gave a value

$$\text{Cl. W}-\text{Cl. E} = {}^{s}\cdot003.$$

Clock corrections and clock rates were determined from the meridian circle observations. No result was kept unless at least four clock stars and one azimuth star were observed. The clock rates were obtained by striking a rate from each observer's results provided these were less than ten days apart. These were weighted according to the length of interval between observations and, over whatever length of time the behaviour of the primary clock warranted, either a mean rate was taken, or a determination by least squares was made.

Programme stars were observed along with the clock stars and polars. No results were retained unless at least four clock stars and one polar were observed during the observations. The apparent places of the stars were computed for each night and corrections to reduce these to mean place applied. The positions were then tabulated and differences of the order of $^{s}\cdot1 \text{ Sec } \delta$ were again checked. The positions were then reduced to a mean epoch. Two observations were attempted in each clamp and for standard stars as many observations as possible, in order to have a differential correction to apply to the stars whose positions were not well determined.

A reversing prism was used with the eye piece throughout the observations. The standard stars were used to investigate any difference with regard to clamps, and these were so small that no clamp correction was used and final values are the mean of all observations. Tables V and VI give a summary of these values.

TABLE V

Star		Δ α (Upper-Lower)				Δ α (Clamp W-Clamp E)			
		Δ α (U-L)	Number of obs.		Wt.	Δ α (C_w-C_e)	Number of obs.		Wt.
			U.	L.			W.	E.	
		s				s			
43	H. Cephei	−·107	84	106	47	−·049	101	89	47
α	Ursae Minoris	+·486	25	47	16	+·255	38	34	18
	Gr. 642	+·127	21	59	15	+·034	34	46	19
	Gr. 750	+·065	39	99	28	−·016	61	77	34
	Gr. 944	+·049	46	127	34	+·002	80	93	43
51	H. Cephei	−·140	43	112	31	+·096	78	77	39
25	H. Camel	+·041	21	58	15	+·038	31	48	19
	Gr. 1119	+·175	42	85	28	+·139	79	53	31
1	H. Draconis	−.021	55	94	35	+·048	92	57	35
29	H. Camel	+·093	53	66	29	−·064	69	50	29
30	H. Camel	−·084	40	38	19	−·041	54	24	17
	Br. 1672	+·003	68	47	28	−·075	59	46	26
32[2]	H. Camel	+·012	91	78	42	−·027	96	73	41
	Gr. 2283	−·186	107	37	27	+·171	72	72	36
ε	Ursae Minoris	+·027	118	37	28	+·020	65	90	38
δ	Ursae Minoris	−·070	126	32	26	−·035	77	81	39
λ	Ursae Minoris	−·459	12	13	6	−·503	11	14	6
76	Draconis	−·010	150	86	56	−·041	132	104	58
	Gr. 3548	+·020	64	41	25	−·077	65	40	26
32	H. Cephei	+·083	28	13	9	+·030	20	21	10
39	H. Cephei	−·012	98	69	40	−·094	92	75	41

Weighted mean U − L = ˢ·002

Weighted mean $C_W - C_E$ = ˢ·003

The observations of the pole stars were combined without applying any corrections for clamp difference or for an observation at upper or lower culmination.

TABLE VI

Δ α (Clamp W. − Clamp E.)

Zone	Δ α (Cl. W. − Cl. E.)	Number of Stars	Zone	Δ α (Cl. W. − Cl. E.)	Number of Stars
° °	s		° °	s	
−20 to −15	−·015	5	20 to 30	−·001	53
−15 to −10	−·009	15	30 to 40	+·007	38
−10 to − 5	·000	30	40 to 50	+·013	46
− 5 to 0	·000	20	50 to 60	+·001	40
0 to + 5	+·005	21	60 to 70	+·010	31
+ 5 to +10	·000	30	70 to 80 U.	+·007	38
10 to 15	+·009	22	70 to 80 L.	+·022	37
15 to 20	+·003	24			

The number of observations in each zone was some hundreds and it was decided not to apply any correction for clamp difference in right ascension.

DECLINATIONS

The declinations were derived from the nadir readings taken at intervals of one and a half hours, and an assumed value for the mean latitude of the meridian circle—45° 23′ 39″·00.

Pulkowa refractions were used. Barometric readings were taken before and after each night's work, while temperature was read for each star. The thermometer was mounted just above the circle microscopes. Determinations for horizontal flexure by means of the north and south collimators were made periodically and gave a mean value of (−″·19 Sin zen. dist.). The individual determinations varied a great deal among themselves, giving both positive and negative values, and for this reason no corrections for flexure were applied. Each observation was corrected for inclination of the declination wires. Usually four pointings were made on the star with the zenith distance micrometer and these were reduced to the meridian by the following formula:—

Reduction to meridian

$$= -\tfrac{1}{2}\, c^2 \text{ Sin } 1'' \tan \delta - \text{n.c. Sin } 1'' \text{ Sec } \delta - \tfrac{1}{2}\, n^2 \text{ Sin } 1'' \tan \delta$$

where c is equatorial interval in seconds of arc between line of collimation and the thread at which the bisection was made, and n the polar deviation of the instrument.

Only two circle microscopes were used and correction for run was applied. In the case of the nadir each microscope was read before and after the declination micrometer readings for the coincidence of the wires and their reflected images. The usual procedure was to set the circle so that the same part of the circle microscope screw was used during a night, and no correction for screw error of the circle microscopes was applied.

The division errors of both Circle A and Circle B were measured during 1920 and the following tables give the errors as applied:—

TABLE VII

CIRCLE A. CORRECTIONS FOR GRADUATION ERRORS. TWO MICROSCOPES

Pointer											Pointer
°	″	°	°	″	°	°	″	°	°	″	°
0	0·53	180	50	−0·14	230	90	0·52	270	130	−0·45	310
1	·58	181	51	− ·21	231	91	·47	271	131	− ·49	311
2	·59	182	52	− ·28	232	92	·43	272	132	− ·58	312
3	·52	183	53	− ·30	233	93	·44	273	133	− ·66	313
4	·50	184	54	− ·32	234	94	·47	274	134	− ·69	314
5	·45	185	55	− ·29	235	95	·50	275	135	− ·66	315
6	·44	186	56	− ·22	236	96	·54	276	136	− ·66	316
7	·41	187	57	− ·14	237	97	·59	277	137	− ·68	317
8	·38	188	58	− ·10	238	98	·65	278	138	− ·72	318
9	·32	189	59	− ·08	239	99	·72	279	139	− ·76	319
10	·26	190	60	− ·12	240	100	·75	280	140	− ·76	320
11	·19	191	61	− ·18	241	101	·78	281	141	− ·72	321
12	·12	192	62	− ·30	242	102	·78	282	142	− ·66	322
13	·02	193	63	− ·40	243	103	·85	283	143	− ·63	323
14	− ·03	194	64	− ·49	244	104	·90	284	144	− ·61	324
15	− ·04	195	65	− ·58	245	105	·96	285	145	− ·56	325
16	− ·03	196	66	− ·68	246	106	·96	286	146	− ·43	326
17	·02	197	67	− ·77	247	107	·95	287	147	− ·30	327
18	·06	198	68	− ·78	248	108	·90	288	148	− ·18	328
19	·10	199	69	− ·77	249	109	·86	289	149	− ·11	329
20	·11	200	70	− ·73	250	110	·78	290	150	− ·06	330
21	·10	201	71	− ·72	251	111	·72	291	151	− ·04	331
22	·09	202	72	− ·68	252	112	·64	292	152	− ·01	332
23	·07	203	73	− ·62	253	113	·62	293	153	·05	333
24	·06	204	74	− ·52	254	114	·56	294	154	·10	334
25	·05	205	75	− ·43	255	115	·52	295	155	·14	335
26	·03	206	76	− ·38	256	116	·39	296	156	·18	336
27	·02	207	77	− ·37	257	117	·28	297	157	·24	337
28	·03	208	78	− ·40	258	118	·15	298	158	·31	338
29	·06	209	79	− ·44	259	119	·07	299	159	·37	339
30	·06	210	80	− ·46	260	120	− ·00	300	160	·41	340
31	·00	211	81	− ·46	261	121	− ·07	301	161	·38	341
32	− ·03	212	82	− ·44	262	122	− ·15	302	162	·34	342
33	− ·04	213	83	− ·42	263	123	− ·23	303	163	·31	343
34	− ·02	214	84	− ·38	264	124	− ·29	304	164	·32	344
35	− ·03	215	85	− ·32	265	125	− ·33	305	165	·30	345
36	− ·04	216	86	− ·24	266	126	− ·35	306	166	·21	346
37	− ·07	217	*87	− ·14	267	127	− ·40	307	167	·08	347
38	− ·08	218	88	·56	268	128	− ·43	308	168	− ·04	348
39	− ·12	219	89	·56	269	129	− ·46	309	169	− ·08	349
40	− ·17	220							170	− ·14	350
41	− ·22	221							171	− ·12	351
42	− ·22	222		° ′	″	° ′			172	− ·12	352
43	− ·22	223		*87 15	−0·00	267 15			173	·00	353
44	− ·17	224		87 30	·01	267 30			174	·13	354
45	− ·12	225		87 45	− ·10	267 45			175	·29	355
46	− ·05	226		87 50	− ·18	267 50			176	·36	356
47	− ·01	227		87 55	− ·28	267 55			177	·39	357
48	− ·00	228							178	·39	358
49	− ·04	229							179	·44	359

TABLE VIII

CIRCLE B. CORRECTIONS FOR GRADUATION ERRORS. TWO MICROSCOPES

Pointer												Pointer
°	″	°	°	″	°	°	″	°	°	″	°	°
0	0·49	180	45	−0·13	225	90	−0·29	270	135	0·65	315	
1	·52	181	46	− ·09	226	*91	− ·26	271	136	·63	316	
2	·58	182	47	− ·05	227	92	—	272	137	·64	317	
3	·63	183	48	− ·01	228	93	—	273	138	·68	318	
4	·63	184	49	− ·02	229	94	—	274	139	·76	319	
5	·64	185	50	·01	230	95	—	275	140	·81	320	
6	·67	186	51	·00	231	96	—	276	141	·85	321	
7	·72	187	52	·01	232	97	− ·10	277	142	·83	322	
8	·72	188	53	·05	233	98	− ·12	278	143	·80	323	
9	·70	189	54	·06	234	99	− ·12	279	144	·75	324	
10	·68	190	55	·04	235	100	− ·15	280	145	·70	325	
11	·67	191	56	− ·03	236	101	− ·22	281	146	·64	326	
12	·63	192	57	− ·12	237	102	− ·30	282	147	·56	327	
13	·63	193	58	− ·18	238	103	− ·37	283	148	·43	328	
14	·71	194	59	− ·22	239	104	− ·40	284	149	·30	329	
15	·84	195	60	− ·22	240	105	− ·40	285	150	·16	330	
16	·96	196	61	− ·20	241	106	− ·39	286	151	·08	331	
17	1·01	197	62	− ·15	242	107	− ·36	287	152	− ·01	332	
18	1·04	198	63	− ·11	243	108	− ·34	288	153	− ·11	333	
19	1·03	199	64	− ·09	244	109	− ·34	289	154	− ·25	334	
20	1·02	200	65	− ·10	245	110	− ·41	290	155	− ·39	335	
21	1·02	201	66	− ·08	246	111	− ·49	291	156	− ·51	336	
22	1·00	202	67	− ·06	247	112	− ·50	292	157	− ·57	337	
23	·97	203	68	·01	248	113	− ·42	293	158	− ·57	338	
24	·92	204	69	·07	249	114	− ·26	294	159	− ·56	339	
25	·86	205	70	·12	250	115	− ·12	295	160	− ·56	340	
26	·75	206	71	·13	251	116	− ·02	296	161	− ·56	341	
27	·58	207	72	·15	252	117	·03	297	162	− ·57	342	
28	·40	208	73	·12	253	118	·06	298	163	− ·59	343	
29	·28	209	74	·10	254	119	·10	299	164	− ·63	344	
30	·25	210	75	·03	255	120	·17	300	165	− ·62	345	
31	·30	211	76	− ·01	256	121	·24	301	166	− ·57	346	
32	·35	212	77	− ·08	257	122	·29	302	167	− ·48	347	
33	·37	213	78	− ·12	258	123	·35	303	168	− ·39	348	
34	·32	214	79	− ·16	259	124	·42	304	169	− ·31	349	
35	·25	215	80	− ·21	260	125	·48	305	170	− ·24	350	
36	·19	216	81	− ·24	261	126	·53	306	171	− ·16	351	
37	·20	217	82	− ·27	262	127	·58	307	172	− ·11	352	
38	·26	218	83	− ·27	263	128	·64	308	173	− ·05	353	
39	·28	219	84	− ·26	264	129	·64	309	174	·00	354	
40	·21	220	85	− ·26	265	130	·61	310	175	·09	355	
41	·10	221	86	− ·28	266	131	·54	311	176	·22	356	
42	− ·01	222	87	− ·31	267	132	·55	312	177	·37	357	
43	− ·07	223	88	− ·32	268	133	·60	313	178	·49	358	
44	− ·11	224	89	− ·31	269	134	·64	314	179	·51	359	

°	′	″	°	′	°	′	″	°	′
*91	00	−0·26	271	00	93	55	−8·27	273	55
91	55	− ·25	271	55	94	25	−8·36	274	25
92	00	·16	272	00	94	55	−7·92	274	55
92	05	− ·15	272	05	95	00	− ·46	275	00
92	10	− ·76	272	10	95	05	− ·48	275	05
92	15	−8·36	272	15	95	10	− ·60	275	10
92	20	−8·21	272	20	95	25	− ·59	275	25
92	25	−8·18	272	25	95	55	− ·56	275	55
92	55	−8·49	272	55	96	25	− ·38	276	25
93	25	−8·35	273	25	96	55	− ·10	276	55

TABLE IX

CORRECTIONS FOR GRADUATION ERRORS. CIRCLE A. CLAMP E. FOUR MICROSCOPES

Pointer				Pointer					
°	°	″	°	°	°	°	″	°	°
0	90	0·52	180	270	45	135	−0·39	225	315
1	91	·52	181	271	46	136	− ·35	226	316
2	92	·51	182	272	47	137	− ·34	227	317
3	93	·48	183	273	48	138	− ·36	228	318
4	94	·48	184	274	49	139	− ·40	229	319
5	95	·48	185	275	50	140	− ·45	230	320
6	96	·49	186	276	51	141	− ·47	231	321
7	97	·50	187	277	52	142	− ·47	232	322
8	98	·51	188	278	53	143	− ·46	233	323
9	99	·52	189	279	54	144	− ·47	234	324
10	100	·51	190	280	55	145	− ·43	235	325
11	101	·48	191	281	56	146	− ·33	236	326
12	102	·45	192	282	57	147	− ·22	237	327
13	103	·44	193	283	58	148	− ·14	238	328
14	104	·44	194	284	59	149	− ·10	239	329
15	105	·46	195	285	60	150	− ·09	240	330
16	106	·46	196	286	61	151	− ·11	241	331
17	107	·48	197	287	62	152	− ·15	242	332
18	108	·48	198	288	63	153	− ·18	243	333
19	109	·48	199	289	64	154	− ·20	244	334
20	110	·44	200	290	65	155	− ·22	245	335
21	111	·41	201	291	66	156	− ·25	246	336
22	112	·36	202	292	67	157	− ·26	247	337
23	113	·34	203	293	68	158	− ·24	248	338
24	114	·31	204	294	69	159	− ·20	249	339
25	115	·29	205	295	70	160	− ·16	250	340
26	116	·21	206	296	71	161	− ·17	251	341
27	117	·15	207	297	72	162	− ·17	252	342
28	118	·09	208	298	73	163	− ·15	253	343
29	119	·06	209	299	74	164	− ·10	254	344
30	120	·02	210	300	75	165	− ·07	255	345
31	121	− ·03	211	301	76	166	− ·09	256	346
32	122	− ·09	212	302	77	167	− ·14	257	347
33	123	− ·13	213	303	78	168	− ·22	258	348
34	124	− ·16	214	304	79	169	− ·26	259	349
35	125	− ·18	215	305	80	170	− ·30	260	350
36	126	− ·20	216	306	81	171	− ·29	261	351
37	127	− ·23	217	307	82	172	− ·28	262	352
38	128	− ·26	218	308	83	173	− ·21	263	353
39	129	− ·29	219	309	84	174	− ·13	264	354
40	130	− ·31	220	310	85	175	− ·02	265	355
41	131	− ·36	221	311	86	176	·06	266	356
42	132	− ·40	222	312	*87	177	·12	267	357
43	133	− ·44	223	313	88	178	·48	268	358
44	134	− ·43	224	314	89	179	·50	269	359

°	′	°	′	″	°	′	°	′
*87	00	177	00	0·12	267	00	357	00
87	15	177	15	·19	267	15	357	15
87	30	177	30	·20	267	30	357	30
87	45	177	45	·15	267	45	357	45
87	50	177	50	·11	267	50	357	50
87	55	177	55	·06	267	55	357	55
88	00	178	00	·48	268	00	358	00

TABLE X

CORRECTIONS FOR GRADUATION ERRORS. CIRCLE B. CLAMP W. FOUR MICROSCOPES

Pointer									Pointer	
°	°	″	°	°	°	°	″	°	°
0	90	0·10	180	270	45	135	0·26	225	315
*1	91	·13	181	271	46	136	·27	226	316
2	92	—	182	272	47	137	·30	227	317
3	93	—	183	273	48	138	·35	228	318
4	94	—	184	274	49	139	·39	229	319
5	95	—	185	275	50	140	·41	230	320
6	96	—	186	276	51	141	·42	231	321
7	97	·31	187	277	52	142	·42	232	322
8	98	·30	188	278	53	143	·42	233	323
9	99	·29	189	279	54	144	·41	234	324
10	100	·26	190	280	55	145	·37	235	325
11	101	·22	191	281	56	146	·30	236	326
12	102	·17	192	282	57	147	·22	237	327
13	103	·13	193	283	58	148	·13	238	328
14	104	·16	194	284	59	149	·04	239	329
15	105	·22	195	285	60	150	− ·03	240	330
16	106	·29	196	286	61	151	− ·06	241	331
17	107	·33	197	287	62	152	− ·08	242	332
18	108	·35	198	288	63	153	− ·11	243	333
19	109	·34	199	289	64	154	− ·17	244	334
20	110	·30	200	290	65	155	− ·24	245	335
21	111	·27	201	291	66	156	− ·29	246	336
22	112	·25	202	292	67	157	− ·31	247	337
23	113	·28	203	293	68	158	− ·28	248	338
24	114	·33	204	294	69	159	− ·24	249	339
25	115	·37	205	295	70	160	− ·22	250	340
26	116	·36	206	296	71	161	− ·22	251	341
27	117	·31	207	297	72	162	− ·21	252	342
28	118	·23	208	298	73	163	− ·24	253	343
29	119	·19	209	299	74	164	− ·26	254	344
30	120	·21	210	300	75	165	− ·28	255	345
31	121	·27	211	301	76	166	− ·29	256	346
32	122	·32	212	302	77	167	− ·28	257	347
33	123	·36	213	303	78	168	− ·26	258	348
34	124	·37	214	304	79	169	− ·24	259	349
35	125	·36	215	305	80	170	− ·22	260	350
36	126	·36	216	306	81	171	− ·20	261	351
37	127	·39	217	307	82	172	− ·19	262	352
38	128	·45	218	308	83	173	− ·16	263	353
39	129	·46	219	309	84	174	− ·13	264	354
40	130	·41	220	310	85	175	− ·08	265	355
41	131	·32	221	311	86	176	− ·03	266	356
42	132	·27	222	312	87	177	·03	267	357
43	133	·27	223	313	88	178	·08	268	358
44	134	·27	224	314	89	179	·10	269	359

°	′	°	′	″	°	′	°	′	°	′	°	′	″	°	′	°	′
*1	55	91	55	0·17	181	55	271	55	4	25	94	25	−3·86	184	25	274	25
2	00	92	00	·37	182	00	272	00		30		30	−3·83		30		30
	05		05	·22		05		05		55		55	−3·64		55		55
	10		10	− ·08		10		10	5	00	95	00	·09	185	00	275	00
	15		15	−3·88		15		15		05		05	·08		05		05
	20		20	−3·80		20		20		10		10	·02		10		10
	25		25	−3·79		25		25		30		30	·03		30		30
	55		55	−3·93		55		55		55		55	·00		55		55
3	25	93	25	−3·86	183	25	273	25	6	30	96	30	·18	186	30	276	30
3	55	93	55	−3·82	183	55	273	55	6	55	96	55	·31	186	55	276	55

Declination Micrometer Screw Value

By using the north azimuth mark, the north collimator and the nadir as reference points, and shifting the telescope through an arc of 10 minutes, the value of 12·4 revolutions of the screw was measured by the circle microscopes in each clamp. The effect of the progressive error of the screw ($+ \cdot 000192\ t^2 - \cdot 0000224\ t^3$) was applied to the micrometer readings. The difference in division error between the two divisions 10 minutes apart is negligible. The following results were obtained:—

—	Cl. E.	Wt.	Cl. W.	Wt.
North mark	48″·404	20	48″·401	10
North coll.	58·396	20	48·382	10
Nadir	48·414	20	48·404	10

The mean of the six sets was adopted as the value of the screw, viz. 48″·400. In the computations the value 48″·300 was used. The difference between this and the value 48″·400 was included in the correction applied as screw error. (See Table XII.)

n = indicated number of revolutions
f (n) = correction for progressive error at readings (n)
Δ = correction to assumed value 48″·3
R = 48″·3 + Δ
Value in arc = (n + f (n)) [48″·3 + Δ]
Screw error as applied = Rf (n) + n Δ

TABLE XI—PROGRESSIVE ERROR OF DECLINATION MICROMETER SCREW

$\Delta n = (+ \cdot 000192\ t^2 - \cdot 0000224\ t^3)$, where $t = (n^R - 25^R)$

Unit = ·00001^R

Rev.	0	1	2	3	4	5	6
0·0	0	17	59	112	164	200	207
·1	0	20	64	118	168	202	206
·2	1	24	69	123	173	204	204
·3	2	28	74	129	177	206	202
·4	3	32	80	134	181	207	199
·5	5	36	85	139	185	208	196
·6	6	40	90	144	188	209	192
·7	9	45	96	149	192	209	188
·8	11	49	101	154	195	209	184
·9	14	54	107	159	198	208	178
Rev.	−0	−1	−2	−3	−4	−5	−6
0·0	0	21	95	233	451	760	1175
·1	0	26	105	251	477	797	1223
·2	1	32	117	270	505	834	1272
·3	2	37	129	290	533	873	1322
·4	3	44	142	310	563	913	1374
·5	5	51	155	331	593	954	1426
·6	7	58	169	353	624	996	1480
·7	10	67	184	376	657	1039	1536
·8	13	75	200	400	690	1083	1592
·9	17	85	216	425	725	1128	1650

TABLE XII—DECLINATION MICROMETER CORRECTIONS

Rev.	18	19	20	21	22	23	24	
0·0	2″627	2″469	2″368	2″318	2″313	2″346	2″410	0·0
·1	·609	·456	·361	·316	·315	·351	·418	·1
·2	·591	·444	·354	·314	·317	·356	·426	·2
·3	·573	·433	·348	·312	·319	·362	·435	·3
·4	·556	·422	·342	·311	·322	·368	·443	·4
·5	·540	·412	·337	·310	·325	·375	·452	·5
·6	·525	·402	·332	·310	·329	·381	·461	·6
·7	·510	·393	·328	·310	·332	·388	·471	·7
·8	·496	·384	·324	·311	·337	·395	·481	·8
·9	·482	·376	·321	·312	·341	·403	·490	·9
1·0	·469	·368	·318	·313	·346	·410	·500	1·0
Rev.	**25**	**26**	**27**	**28**	**29**	**30**	**31**	
0·0	2″500	2″608	2″729	2″854	2″979	3″097	3″200	0·0
·1	·510	·620	·741	·867	·991	·108	·210	·1
·2	·521	·632	·753	·879	3·004	·119	·219	·2
·3	·531	·644	·766	·892	·017	·130	·228	·3
·4	·541	·656	·779	·905	·028	·140	·236	·4
·5	·552	·667	·791	·917	·040	·151	·245	·5
·6	·563	·679	·804	·930	·051	·161	·253	·6
·7	·574	·692	·816	·942	·063	·171	·261	·7
·8	·585	·704	·829	·955	·074	·181	·269	·8
·9	·597	·716	·842	·967	·086	·191	·276	·9
1·0	·608	·729	·854	·979	·097	·200	·284	1·0

Corrections for the variation of latitude were computed from the values given by International Latitude Variation Stations. These corrections, applicable to the declinations, are given in the following table.

TABLE XIII—VARIATION OF LATITUDE

	0·0	0·1	0·2	0·3	0·4	0·5	0·6	0·7	0·8	0·9	
1911	−0″30	−0″30	−0″21	−0″05	0″12	0″25	0″31	0″29	0″18	0″06	1911
1912	− ·08	− ·18	− ·22	− ·20	− ·13	− ·03	·06	·10	·13	·13	1912
1913	·10	·06	·01	− ·06	− ·11	− ·13	− ·14	− ·13	− ·10	− ·04	1913
1914	·03	·09	·13	·13	·07	− ·01	− ·11	− ·20	− ·25	− ·21	1914
1915	− ·12	·04	·18	·26	·28	·19	·08	− ·06	− ·22	− ·28	1915
1916	−0″24	−0″17	0″02	0″13	0″22	0″22	0″15	0″01	−0″14	−0″23	1916
1917	− ·26	− ·21	− ·13	− ·01	·10	·13	·11	·06	− ·01	− ·09	1917
1918	− ·16	− ·14	− ·07	− ·02	·06	·11	·12	·09	·05	·05	1918
1919	·07	·06	·03	− ·02	− ·04	− ·06	− ·07	− ·06	− ·04	·02	1919
1920	·09	·13	·14	·12	·06	− ·01	− ·08	− ·13	− ·17	− ·17	1920
1921	−0″12	−0″03	0″03	0″07	0″10	0″06	0″01	−0″09	−0″15	−0″13	1921
1922	− ·10	− ·05	·04	·12	·15	·14	·08	·01	− ·08	− ·13	1922
1923	− ·14	− ·10	− ·02	·10	·18	·21	·22	·18	·10	·01	1923
1924	− ·05	− ·08									

Lower culmination observations use opposite sign.

A comparison was made between the results Cl. East and Cl. West, using chiefly clock stars, standard stars and azimuth stars. These results are given in the following tables. The subscript numbers indicate the weight computed from the formula $\frac{m\,n}{m+n}$ where m and n are the number of observations in each clamp.

TABLE XIV

COMPARISONS OF DECLINATIONS CLAMP EAST AND CLAMP WEST

CLOCK STARS

$\Delta\,\delta$ (E-W)

R.A. Zone	h h 0 to 4	h h 4 to 8	h h 8 to 12	h h 12 to 16	h h 16 to 20	h h 20 to 0	Mean
°	″	″	″	″	″	″	″
−15	$-0\cdot22_{5}$	$-0\cdot29_{4}$	$+0\cdot34_{3}$	$+0\cdot10_{21}$	$+0\cdot04_{17}$	$+0\cdot46_{13}$	$+0\cdot13_{63}$
−10	$+\cdot06_{29}$	$+\cdot31_{11}$	$+\cdot14_{13}$	$-\cdot37_{30}$	$-\cdot24_{33}$	$-\cdot19_{53}$	$-\cdot13_{169}$
− 5	$+\cdot12_{6}$	$+\cdot07_{31}$	$-\cdot09_{7}$	$-\cdot16_{31}$	$+\cdot13_{34}$	$-\cdot09_{16}$	$+\cdot00_{125}$
0	$-\cdot03_{9}$	$+\cdot10_{21}$	$+\cdot12_{17}$	$-\cdot14_{38}$	—	$+\cdot35_{42}$	$+\cdot11_{127}$
5	$-\cdot13_{25}$	$-\cdot05_{22}$	$+\cdot05_{40}$	$-\cdot47_{21}$	$-\cdot11_{70}$	$+\cdot06_{55}$	$-\cdot07_{233}$
10	$-\cdot16_{49}$	$-\cdot10_{12}$	$-\cdot03_{90}$	$-\cdot21_{13}$	$-\cdot09_{37}$	$-\cdot28_{26}$	$-\cdot11_{227}$
15	$-\cdot44_{23}$	$-\cdot08_{43}$	$\cdot00_{36}$	$-\cdot25_{23}$	$+\cdot09_{18}$	$-\cdot03_{22}$	$-\cdot11_{165}$
20	$-\cdot18_{12}$	$+\cdot07_{10}$	$-\cdot26_{12}$	$+\cdot24_{21}$	$-\cdot09_{25}$	$-\cdot18_{13}$	$-\cdot04_{93}$
Mean.....	$-\cdot14_{158}$	$+\cdot01_{184}$	$+\cdot01_{218}$	$-\cdot15_{198}$	$-\cdot06_{234}$	$+\cdot01_{240}$	$-\cdot05_{1232}$

TABLE XV

STANDARD STARS $< 70°$

$\Delta\,\delta$ (E-W)

R.A. Zone	h h 0 to 6	h h 6 to 12	h h 12 to 18	h h 18 to 24	Mean
° °	″	″	″	″	″
0 — 20	—	$1\cdot51_{3}$	$0\cdot33_{6}$	—	$0\cdot73_{9}$
20 — 30	$-0\cdot18_{37}$	$-\cdot21_{52}$	$-\cdot16_{30}$	$-0\cdot22_{48}$	$-\cdot19_{165}$
30 — 40	$-\cdot33_{30}$	$-\cdot49_{44}$	$-\cdot56_{35}$	$-\cdot63_{22}$	$-\cdot50_{131}$
40 — 50	$-\cdot51_{42}$	$-\cdot03_{42}$	$-\cdot21_{27}$	$-\cdot40_{28}$	$-\cdot29_{149}$
50 — 60	$-\cdot36_{30}$	$-\cdot34_{26}$	$-\cdot37_{36}$	$-\cdot49_{26}$	$-\cdot39_{118}$
60 — 70	$-\cdot10_{20}$	$\cdot13_{22}$	$-\cdot20_{32}$	$-\cdot05_{22}$	$-\cdot07_{96}$
Mean.....	$-0\cdot34_{159}$	$-0\cdot17_{189}$	$-0\cdot28_{166}$	$-0\cdot36_{155}$	$-0\cdot28_{669}$

TABLE XVI
STANDARD STARS > 70°

Mean Dec.	Δ δ (E-W)
°	″
70	−0·18$_{12}$
71	+ ·03$_{9}$
72	− ·41$_{18}$
73	− ·97$_{8}$
74	− ·54$_{13}$
75	− ·40$_{10}$
76	− ·76$_{8}$
77	− ·06$_{15}$
78	− ·92$_{6}$
79	+ ·09$_{8}$
80	− ·36$_{2}$
100	− ·68$_{2}$
101	+ ·76$_{9}$
102	− ·38$_{4}$
103	− ·03$_{15}$
104	− ·10$_{8}$
105	− ·17$_{8}$
106	+ ·34$_{12}$
107	+1·08$_{2}$
108	− ·12$_{17}$
109	− ·12$_{11}$
110	− ·32$_{10}$
Weighted mean	− 0″·17$_{202}$

TABLE XVII
AZIMUTH STARS

Mean Dec.	Δ δ (E-W)
°	″
82	−0·52$_{45}$
83	− ·22$_{12}$
84	− ·39$_{18}$
85	− ·67$_{33}$
86	− ·54$_{30}$
87	− ·16$_{43}$
88	− ·39$_{27}$
89	+ ·18$_{13}$
91	+ ·27$_{17}$
92	− ·18$_{18}$
93	+ ·29$_{35}$
94	+ ·19$_{29}$
95	+ ·59$_{42}$
96	+ ·78$_{10}$
97	+ ·26$_{12}$
98	+ ·38$_{38}$
Weighted mean	− ″·30$_{402}$

A similar comparison of other stars between 0° and 70° gave a value Δ δ (E-W) = −″·22. This value was not used, however, in determining the final Δ δ (E-W), since the δ's were reduced to 1925 without proper motion. However, since the epoch in each clamp is nearly the same, it does give some information.

TABLE XVIII—SUMMARY Δ δ (E-W)

—	Δ δ (E-W)
Azimuth Stars > 70	−0″·30$_{402}$
Clock Stars	− ·05$_{1202}$
Standard Stars < 70	− ·28$_{869}$
Standard Stars > 70	− ·17$_{202}$

Value adopted Δ δ (E-W) = −″·20
δ = δ_E + ″·10 : δ = δ_W −″·10

In forming the final catalogue places, the mean was taken when number of observations in each clamp was equal. The number of observations in each clamp being unequal, the above corrections were applied and the mean taken. Each observation then enters with full weight.

TABLE XIX—DIFFERENCES IN DECLINATIONS ABOVE AND BELOW POLE

Name of Star	Approx. Dec.		Seconds of Dec.		Δ δ	Weight
			Above	Below		
	°	′			″	
ϵ Draconis	70	4	37·84	37·18	0·66	6
α Ursae Maj	70	9	40·74	39·85	·89	6
χ Draconis	70	12	5·44	4·88	·56	5
β Cephei	70	13	53·27	52·65	·62	5
5 H Camel	71	6	11·86	11·38	·48	5
ν Draconis	71	11	50·75	50·18	·57	5
φ Draconis	71	17	54·38	53·75	·63	5
24 Cephei	71	58	18·29	18·20	·09	5
50 Cassiopeiae	72	3	34.61	33.32	1.29	5
γ Ursae Minoris	72	6	3.66	2.95	·71	5
ψ Draconis	72	11	10·37	9·96	·41	6
36 H Cassiopeiae	72	29	30·49	29·82	·67	5
40 Cassiopeiae	72	39	31·38	30·50	·88	5
χ Draconis	72	42	3·00	2·35	·65	4
Gr. 2001	72	46	50·61	50·08	·53	5
τ Draconis	73	13	61·51	60·48	1·03	5
β Ursae Minoris	74	27	44·08	42·97	1·11	5
21 Cassiopeiae	74	34	42·66	42·40	·26	5
73 Draconis	74	41	52·74	51·98	·76	5
π Cephei	74	58	54·99	54·67	·32	6
Gr. 966	74	59	50·85	50·00	·85	6
Gr. 848	75	48	27·78	27·07	·71	7
η Ursae Minoris	75	55	43·99	43·32	·67	6
Br. 1147	75	59	18·21	17·42	·79	6
5 Ursae Minoris	76	1	45·95	45·03	·92	6
19 Ursae Minoris	76	4	1·72	0·44	1·28	4
9 H Draconis	76	5	60·54	59·02	1·52	6
24 H Camel	77	4	34.80	34·02	·78	6
γ Cephei	77	12	50·06	48·73	1·33	6
48 H Cephei	77	27	41·91	40·79	1·12	5
κ Cephei	77	29	10·96	10·16	·80	5
77 Draconis	77	49	21·64	20·58	1·06	5
4 Ursae Minoris	77	53	60·21	59·10	1·11	5
ζ Ursae Minoris	78	1	33·85	33·35	·50	5
4 H Draconis	78	1	58·28	57·44	·84	5
19 H Camel	79	8	55·80	55·01	·79	6
44 H Cephei	79	16	31·54	30·57	·97	6
23 H Camel	79	38	59·03	58·45	·58	5
Br. 2749	80	16	18·91	17·90	1·01	5
1 H Draconis	81	39	36·20	35·36	·84	25
ϵ Ursae Minoris	82	9	47·74	47·35	·39	23
76 Draconis	82	15	17·83	17·61	·22	37
25 H Camel	82	33	39·10	38·28	·82	15
30 H Camel	82	56	28·81	28·32	·49	10
32^2 H Camel	83	49	14·28	13·59	·69	25
29 H Camel	84	38	4·57	4·18	·39	20
Gr. 944	85	9	47·04	46·39	·65	33
Gr. 750	85	21	23·52	22·90	·62	27
43 H Cephei	85	51	20·63	20·01	·62	35
Gr. 642	86	24	46·80	45·85	·95	15
δ Ursae Minoris	86	36	50·74	50·20	·54	23
39 H Cephei	86	53	38·31	37·46	·85	30
51 H Cephei	87	10	10·13	9·48	·65	30
Gr. 2283	87	31	18·53	17·95	·58	17
Br. 1672	88	06	56·35	55·80	·55	20
Gr. 1119	88	51	28·24	27·77	·47	20
α Ursae Minoris	88	54	11·44	10·74	·70	13

To determine a correction to the adopted mean latitude, the stars near the pole that were observed at both upper and lower culmination, were compared. Weights were computed by means of the formula

$$\frac{m\,n}{m+n}$$

where m and n denote the number of observations made at upper and lower culmination.

Table XIX is a list of stars observed above and below the pole. These are arranged in order of declination and the following table summarizes the results.

TABLE XX—$\Delta\,\delta$ (Above-Below)

Approx. Dec.	$\Delta\,\delta$	Weight
°	″	
70	0·69	22
71	·44	20
72	·73	35
73	1·03	5
74	·65	27
75	·72	19
76	1·23	16
77	1·03	32
78	·67	10
79	·79	17
80	1·01	5
Weighted mean $\Delta\,\delta = 0''.787_{208}$		
°	″	
81	0·84	25
82	·40	85
83	·69	25
84	·39	20
85	·63	95
86	·77	68
87	·62	47
88	·56	53
Weighted mean $\Delta\,\delta = 0''.601_{418}$		

Final adopted correction

$\Delta\,\phi = \frac{1}{2}\,\Delta\,\delta$ (below-above) $= -''.33$ (Weight 626)

Corrected latitude = 45° 23′ 38″.67

A night correction was applied to all the stars not brought to 1925 with proper motion. This was a mean nightly error determined from standard, fundamental and azimuth stars by taking differences between a star's position on a night and its mean position from all the determinations in either clamp east or clamp west as the case might be.

The following tables are comparisons of the Ottawa values with Boss' positions from Boss' Preliminary General Catalogue, Eichelberger's positions for 1925 and the First Greenwich Catalogue of Stars for 1925·0.

The subscript numbers indicate the number of stars used in forming the values.

TABLE XXI—$\Delta\ \alpha$ (0 - Boss)

Dec. \ R.A.	h h 0 – 3	h h 3 – 6	h h 6 – 9	h h 9 – 12	h h 12 – 15	h h 15 – 18	h h 18 – 21	h h 21 – 0	Mean
° °	s	s	s	s	s	s	s	s	s
90 – 80	−0·185$_2$	−0·079$_3$	−0·113$_3$	−0·147$_3$	−0·032$_2$	−0·242$_2$	−0·076$_2$	−0·288$_2$	−0·149$_{22}$
80 – 70	+ ·004$_5$	− ·032$_5$	+ ·011$_3$	− ·052$_2$	− ·087$_6$	− ·162$_5$	− ·057$_7$	− ·099$_6$	− ·064$_{38}$
70 – 60	− ·060$_6$	− ·057$_2$	− ·060$_3$	− ·024$_5$	− ·034$_4$	− ·064$_4$	− ·041$_4$	− ·015$_5$	− ·042$_{32}$
60 – 50	− ·029$_8$	− ·019$_3$	− ·047$_4$	− ·023$_5$	− ·030$_5$	− ·074$_7$	− ·024$_5$	− ·016$_4$	− ·029$_{41}$
50 – 40	− ·014$_4$	− ·024$_{10}$	− ·021$_7$	− ·012$_6$	− ·005$_5$	− ·019$_5$	− ·038$_5$	− ·015$_7$	− ·029$_{48}$
40 – 30	− ·024$_4$	− ·015$_6$	− ·013$_6$	− ·009$_6$	− ·008$_4$	− ·021$_6$	·000$_5$	− ·004$_2$	− ·013$_{39}$
30 – 20	− ·009$_9$	− ·006$_5$	− ·006$_{13}$	+ ·007$_4$	− ·003$_4$	− ·009$_8$	+ ·014$_6$	− ·003$_9$	− ·003$_{56}$
20 – 10	− ·007$_3$	− ·006$_7$	− ·007$_8$	− ·008$_8$	− ·013$_5$	− ·010$_6$	+ ·004$_3$	− ·004$_4$	− ·006$_{49}$
10 – 0	+ ·004$_{11}$	+ ·000$_5$	− ·009$_5$	+ ·004$_3$	− ·005$_5$	− ·001$_7$	+ ·004$_5$	− ·003$_7$	− ·000$_{54}$
0 – −10	− ·006$_5$	− ·004$_9$	− ·005$_5$	+ ·005$_4$	+ ·007$_3$	+ ·037$_5$	+ ·000$_9$	+ ·010$_3$	+ ·006$_{53}$
−10 – −20	+ ·002$_2$	− ·018$_2$	− ·002$_2$	+ ·008$_2$	− ·003$_4$	·000$_2$	+ ·001$_3$	− ·008$_4$	− ·003$_{22}$

$\Delta\ \delta$ (0 - Boss)

° °	″	″	″	″	″	″	″	″	′
90 – 80	+0·07$_2$	−0·12$_3$	−0·12$_3$	−0·20$_3$	−0·16$_2$	+0·37$_2$	−0·09$_2$	+0·36$_2$	+0·02$_{22}$
80 – 70	+ ·02$_5$	− ·04$_5$	+ ·17$_3$	− ·27$_2$	·00$_6$	+ ·24$_5$	+ ·43$_7$	+ ·28$_5$	+ ·14$_{38}$
70 – 60	+ ·20$_5$	− ·10$_2$	− ·13$_3$	+ ·19$_5$	+ ·23$_4$	+ ·36$_4$	+ ·46$_4$	+ ·10$_5$	+ ·19$_{32}$
60 – 50	+ ·39$_3$	− ·16$_3$	+ ·30$_4$	+ ·23$_5$	+ ·34$_5$	+ ·35$_7$	+ ·70$_5$	+ ·42$_4$	+ ·35$_{41}$
50 – 40	+ ·46$_4$	+ ·20$_{10}$	+ ·27$_7$	+ ·13$_5$	+ ·51$_5$	+ ·15$_5$	+ ·73$_5$	+ ·52$_7$	+ ·34$_{48}$
40 – 30	+ ·42$_4$	+ ·47$_6$	− ·09$_6$	+ ·13$_6$	+ ·26$_4$	+ ·53$_6$	+ ·40$_5$	+ ·38$_2$	+ ·30$_{39}$
30 – 20	+ ·24$_9$	+ ·29$_5$	+ ·25$_{13}$	+ ·15$_4$	+ ·41$_4$	+ ·58$_6$	+ ·56$_6$	+ ·57$_9$	+ ·38$_{56}$
20 – 10	+ ·39$_3$	+ ·28$_7$	+ ·43$_8$	+ ·37$_8$	+ ·62$_5$	+ ·61$_6$	+ ·58$_3$	+ ·42$_4$	+ ·46$_{49}$
10 – 0	+ ·47$_{11}$	+ ·53$_5$	+ ·23$_6$	+ ·30$_3$	+ ·56$_5$	+ ·53$_7$	+ ·57$_5$	+ ·38$_7$	+ ·41$_{54}$
0 – −10	+ ·17$_5$	+ ·40$_9$	+ ·02$_5$	+ ·14$_4$	+ ·56$_3$	+ ·45$_5$	+ ·51$_9$	+ ·33$_3$	+ ·36$_{53}$
−10 – −20	+ ·40$_2$	+ ·37$_3$	+ ·09$_2$	+ ·13$_2$	+ ·38$_4$	+ ·61$_3$	+ ·54$_3$	+ ·69$_4$	+ ·44$_{22}$

TABLE XXII—$\Delta\ \alpha$ (0 - Ei)

° °	s	s	s	s	s	s	s	s	s
90 – 80	−0·560$_2$	−0·121$_3$	−0·331$_3$	+0·009$_2$	−0·208$_2$	+0·125$_3$	+0·125$_3$	+0·088$_3$	−0·084$_{22}$
80 – 70	+ ·062$_5$	− ·002$_5$	+ ·018$_3$	+ ·101$_2$	+ ·008$_6$	+ ·042$_5$	+ ·053$_7$	+ ·023$_5$	+ ·031$_{38}$
70 – 60	+ ·039$_5$	+ ·020$_2$	+ ·047$_3$	+ ·063$_5$	+ ·069$_4$	+ ·035$_4$	+ ·029$_4$	+ ·054$_5$	+ ·047$_{32}$
60 – 50	+ ·057$_8$	+ ·050$_3$	+ ·053$_4$	+ ·053$_5$	+ ·064$_5$	+ ·040$_7$	+ ·040$_5$	+ ·044$_4$	+ ·050$_{41}$
50 – 40	+ ·033$_4$	+ ·037$_{10}$	+ ·065$_7$	+ ·058$_5$	+ ·069$_5$	+ ·044$_5$	+ ·025$_5$	+ ·040$_7$	+ ·046$_{48}$
40 – 30	+ ·047$_4$	+ ·062$_6$	+ ·066$_6$	+ ·073$_6$	+ ·055$_4$	+ ·060$_6$	+ ·066$_5$	+ ·060$_2$	+ ·062$_{39}$
30 – 20	+ ·037$_9$	+ ·061$_5$	+ ·082$_{13}$	+ ·074$_4$	+ ·084$_4$	+ ·060$_6$	+ ·069$_6$	+ ·060$_9$	+ ·065$_{56}$
20 – 10	+ ·037$_3$	+ ·050$_7$	+ ·069$_8$	+ ·061$_8$	+ ·058$_5$	+ ·057$_6$	+ ·044$_3$	+ ·030$_4$	+ ·053$_{49}$
10 – 0	+ ·037$_{11}$	+ ·051$_5$	+ ·066$_6$	+ ·055$_3$	+ ·042$_5$	+ ·056$_7$	+ ·039$_5$	+ ·032$_7$	+ ·046$_{54}$
0 – −10	+ ·026$_5$	+ ·051$_9$	+ ·080$_5$	+ ·058$_4$	+ ·058$_3$	+ ·057$_5$	+ ·030$_9$	+ ·028$_3$	+ ·046$_{53}$
−10 – −20	+ ·016$_2$	+ ·029$_2$	+ ·060$_2$	+ ·062$_2$	+ ·045$_4$	+ ·046$_3$	+ ·029$_3$	+ ·014$_4$	+ ·033$_{22}$

$\Delta\ \delta$ (0 − Ei)

Dec. \ R.A.	h h 0 − 3	h h 3 − 6	h h 6 − 9	h h 9 − 12	h h 12 − 15	h h 15 − 18	h h 18 − 21	h h 21 − 0	Mean
° °	″	″	″	″	″	″	″	″	″
90 − 80	+0·06$_{2}$	−0·09$_{3}$	−0·27$_{4}$	−0·20$_{3}$	−0·10$_{2}$	+0·24$_{3}$	−0·03$_{3}$	+0·32$_{3}$	−0·01$_{22}$
80 − 70	+ ·13$_{5}$	+ ·01$_{5}$	+ ·11$_{3}$	− ·37$_{2}$	− ·06$_{6}$	+ ·15$_{5}$	+ ·24$_{7}$	+ ·07$_{5}$	+ ·07$_{38}$
70 − 60	+ ·26$_{5}$	− ·15$_{2}$	− ·28$_{3}$	+ ·08$_{5}$	+ ·40$_{4}$	+ ·37$_{4}$	+ ·28$_{4}$	+ ·03$_{5}$	+ ·15$_{32}$
60 − 50	·00$_{8}$	+ ·15$_{3}$	− ·05$_{4}$	− ·11$_{5}$	+ ·02$_{5}$	+ ·06$_{7}$	+ ·36$_{5}$	+ ·06$_{4}$	+ ·05$_{41}$
50 − 40	+ ·17$_{4}$	− ·19$_{10}$	− ·08$_{7}$	− ·24$_{5}$	− ·07$_{5}$	− ·14$_{5}$	+ ·18$_{5}$	− ·10$_{7}$	− ·08$_{48}$
40 − 30	− ·04$_{4}$	− ·15$_{6}$	− ·48$_{6}$	− ·20$_{6}$	− ·20$_{4}$	+ ·21$_{6}$	+ ·17$_{5}$	− ·12$_{2}$	− ·11$_{39}$
30 − 20	− ·09$_{9}$	− ·16$_{5}$	− ·18$_{13}$	− ·35$_{4}$	− ·21$_{4}$	− ·03$_{6}$	− ·08$_{6}$	− ·15$_{9}$	− ·14$_{56}$
20 − 10	− ·24$_{3}$	− ·19$_{7}$	− ·11$_{8}$	− ·06$_{8}$	+ ·13$_{5}$	+ ·04$_{6}$	− ·05$_{8}$	− ·26$_{4}$	− ·08$_{49}$
10 − 0	− ·09$_{11}$	− ·09$_{5}$	− ·10$_{6}$	− ·06$_{8}$	+ ·01$_{5}$	+ ·01$_{7}$	+ ·02$_{5}$	− ·09$_{7}$	− ·06$_{54}$
0 − −10	− ·30$_{5}$	− ·03$_{9}$	+ ·05$_{5}$	− ·32$_{4}$	+ ·12$_{8}$	− ·02$_{5}$	+ ·06$_{9}$	− ·10$_{8}$	− ·03$_{53}$
−10 − −20	+ ·08$_{2}$	− ·17$_{2}$	− ·07$_{2}$	− ·28$_{2}$	+ ·24$_{4}$	+ ·04$_{3}$	+ ·14$_{3}$	+ ·24$_{4}$	+ ·06$_{22}$

TABLE XXIII—$\Delta\ \alpha$ (0 − Gr.$^{h}_{25}$)

° °	s	s	s	s	s	s	s	s	s
90 − 80	−0·422$_{2}$	−0·053$_{3}$	−0·374$_{3}$	−0·043$_{3}$	−0·318$_{2}$	−0·305$_{3}$	−0·264$_{3}$	−0·371$_{3}$	−0·260$_{22}$
80 − 70	+ ·016$_{5}$	+ ·011$_{4}$	+ ·069$_{3}$	+ ·058$_{2}$	+ ·005$_{6}$	− ·077$_{5}$	− ·036$_{7}$	− ·055$_{5}$	− ·011$_{38}$
70 − 60	− ·019$_{5}$	− ·006$_{2}$	+ ·021$_{3}$	+ ·010$_{5}$	− ·012$_{4}$	− ·057$_{4}$	− ·042$_{4}$	− ·015$_{5}$	− ·016$_{32}$
60 − 50	− ·010$_{8}$	− ·002$_{3}$	− ·002$_{4}$	+ ·003$_{5}$	− ·016$_{5}$	− ·058$_{7}$	− ·055$_{5}$	− ·024$_{4}$	− ·023$_{41}$
50 − 40	− ·013$_{4}$	− ·002$_{10}$	+ ·025$_{7}$	− ·009$_{5}$	− ·006$_{5}$	− ·018$_{5}$	− ·045$_{5}$	− ·026$_{7}$	− ·010$_{48}$
40 − 30	− ·009$_{4}$	+ ·020$_{6}$	+ ·007$_{5}$	− ·001$_{6}$	− ·021$_{4}$	− ·025$_{6}$	− ·011$_{5}$	− ·001$_{2}$	− ·004$_{39}$
30 − 20	− ·014$_{9}$	+ ·009$_{5}$	+ ·013$_{13}$	+ ·018$_{4}$	+ ·008$_{4}$	− ·015$_{6}$	+ ·004$_{6}$	− ·006$_{9}$	+ ·001$_{56}$
20 − 10	− ·011$_{3}$	·000$_{7}$	+ ·003$_{8}$	+ ·002$_{8}$	− ·011$_{5}$	− ·011$_{6}$	− ·010$_{8}$	− ·022$_{4}$	− ·006$_{49}$
10 − 0	+ ·001$_{11}$	+ ·009$_{5}$	+ ·010$_{6}$	+ ·008$_{8}$	+ ·003$_{5}$	+ ·004$_{7}$	·000$_{5}$	+ ·007$_{7}$	+ ·005$_{54}$
0 − −10	− ·003$_{5}$	+ ·011$_{9}$	+ ·026$_{5}$	+ ·014$_{4}$	+ ·022$_{8}$	+ ·052$_{5}$	− ·006$_{9}$	+ ·005$_{8}$	+ ·013$_{53}$
−10 − −20	− ·002$_{2}$	− ·003$_{2}$	+ ·011$_{2}$	+ ·023$_{2}$	+ ·006$_{4}$	+ ·019$_{3}$	− ·019$_{3}$	− ·004$_{4}$	+ ·004$_{22}$

$\Delta\ \delta$ (0 − Gr.$^{h}_{25}$)

° °	″	″	″	″	″	″	″	″	″
90 − 80	+0·15$_{2}$	−0·09$_{3}$	−0·11$_{3}$	−0·15$_{3}$	−0·13$_{2}$	+0·22$_{3}$	−0·12$_{3}$	+0·05$_{2}$	−0·03$_{22}$
80 − 70	+ ·39$_{5}$	+ ·13$_{5}$	+ ·01$_{3}$	− ·14$_{2}$	− ·06$_{6}$	+ ·14$_{5}$	+ ·25$_{7}$	+ ·43$_{5}$	+ ·27$_{38}$
70 − 60	+ ·49$_{5}$	− ·13$_{2}$	+ ·00$_{3}$	+ ·23$_{5}$	+ ·22$_{4}$	+ ·50$_{4}$	+ ·41$_{4}$	+ ·37$_{5}$	+ ·30$_{32}$
60 − 50	+ ·39$_{8}$	+ ·44$_{3}$	+ ·30$_{4}$	+ ·13$_{5}$	+ ·26$_{5}$	+ ·30$_{7}$	+ ·53$_{5}$	+ ·54$_{4}$	+ ·35$_{41}$
50 − 40	+ ·33$_{4}$	+ ·02$_{10}$	+ ·06$_{7}$	− ·32$_{5}$	+ ·06$_{5}$	− ·19$_{5}$	+ ·29$_{5}$	+ ·01$_{7}$	+ ·02$_{48}$
40 − 30	+ ·26$_{4}$	+ ·22$_{6}$	− ·23$_{6}$	+ ·15$_{6}$	·00$_{4}$	+ ·38$_{6}$	+ ·50$_{5}$	+ ·28$_{2}$	+ ·19$_{39}$
30 − 20	+ ·34$_{9}$	+ ·09$_{5}$	+ ·21$_{13}$	− ·06$_{4}$	+ ·03$_{4}$	+ ·24$_{6}$	+ ·33$_{6}$	+ ·20$_{9}$	+ ·20$_{56}$
20 − 10	+ ·15$_{3}$	+ ·39$_{7}$	+ ·34$_{8}$	+ ·31$_{8}$	+ ·51$_{5}$	+ ·08$_{6}$	+ ·38$_{8}$	+ ·19$_{4}$	+ ·31$_{49}$
10 − 0	+ ·44$_{11}$	+ ·43$_{5}$	+ ·21$_{6}$	+ ·36$_{8}$	+ ·29$_{5}$	+ ·31$_{7}$	+ ·44$_{5}$	+ ·38$_{7}$	+ ·36$_{54}$
0 − −10	+ ·17$_{5}$	+ ·32$_{9}$	+ ·20$_{5}$	+ ·00$_{4}$	+ ·26$_{8}$	+ ·20$_{5}$	+ ·27$_{9}$	+ ·31$_{8}$	+ ·24$_{53}$
−10 − −20	+ ·09$_{2}$	+ ·33$_{2}$	+ ·25$_{2}$	− ·19$_{2}$	+ ·16$_{4}$	− ·03$_{3}$	+ ·26$_{3}$	+ ·48$_{4}$	+ ·19$_{22}$

EXPLANATION OF THE SEPARATE COLUMNS

Column 1—The ordinal number of this catalogue for the stars arranged in order of right ascension.

Column 2—The star's name used in a list prepared for latitude work in Canada by R. Meldrum Stewart. These were taken from Boss' P.G.C., various Greenwich catalogues, and the Astronomiche Gesellschaft Catalogues for 1875.

Column 3—The magnitude of the star.

Column 4—The mean right ascension for 1925. Positions given to two places of decimals have not been reduced with proper motion. Positions given to three decimal places have been reduced with Boss P.G.C. proper motion.

Columns 5 and 6—Precession and secular variation. Many of these were computed, using Downing's Tables. Others were taken from Boss P.G.C., and the first Greenwich Catalogue of Stars for 1925·0.

Column 7—The proper motion, taken from either Boss P.G.C., or Boss G.C. Stars indicated by an asterisk (*) have been reduced with proper motion. The other stars have not been reduced with proper motion.

Column 8—The mean declination for 1925·0. Stars appearing to only one decimal place have been reduced without proper motion. Stars given to two decimal places have been reduced with proper motion.

Columns 9 and 10—The precession and secular variation—some computed using Downing's Tables. Others taken from Boss' P.G.C., and the First Greenwich Catalogue of Stars for 1925·0.

Column 11—Proper motion in declination taken from Boss' P.G.C., or Boss' G.C. Stars indicated by an asterisk (*) have been reduced with proper motion. Other stars were reduced without proper motion.

Column 12—The number indicates the observations in right ascension and declination, respectively. A few stars had observations in only one co-ordinate.

Columns 13 and 14—Mean epochs of observations for right ascension and declination, respectively.

Column 15—The number in Boss' P.G.C., or in Boss' G.C.

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
1	9 Cass	6·1	0	0	21·27	+3·0766	+·0578	− 9	+61	52	13·2	+20·045	−·010	+ 6	2, 3	17·81, 16·81	6180
2	Gr. 4219	6·3		0	45·13	+3·0767	+·0286	+ 6	+41	40	31·4	+20·045	−·010	− 23	6, 6	12·23, 12·05	6183
3	Gr. 4220	6·0		0	47·30	+3·0835	+·0718	+160	+64	44	54·2	+20·045	−·011	+ 36	3, 3	19·73, 20·76	6184
4	Pi 23h, 267	6·3		0	57·32	+3·0766	+·0222	+610	+34	14	24·6	+20·044	−·010	+100	7, 6	19·65, 20·94	44
5	Br. 3207	6·9		1	2·27	+3·0826	+·0503	+ 22	+58	6	53·3	+20·045	−·011	− 25	3, 3	20·84, 20·84	6186
6	Pi 23h, 268	6·7	0	1	4·13	+3·0758	+·0167	+ 79	+26	13	53·0	+20·044	−·011	− 9	6, 5	21·22, 21·12	47
7	Gr. 4222	6·0		1	12·91	+3·0855	+·0560	+ 19	+60	53	47·3	+20·045	−·011	+ 12	5, 5	13·56, 12·95	6187
8	Br. 3210	6·2		2	19·55	+3·0946	+·0505	+330	+58	1	6·9	+20·044	−·014	+ 38	5, 5	21·33, 21 33	3
9	10 Cass	5·6		2	31·83	+3·1028	+·0638	+ 12	+63	46	43·9	+20·044	−·014	+ 5	1, 1	11·79, 11·79	5
10	α Andr S	2·0		4	30·398	+3·0872	+·0186	+106*	+28	40	35·14	+20·041	−·017	−161*	22, 21	16·84, 17·22	10
11	BD + 35°, 8	5·9	0	4	49·02	+3·0934	+·0242	− 87	+36	12	45·5	+20·040	−·018	−145	6, 5	17·11, 17·60	131
12	BD + 24°, 3	6·2		4	59·59	+3·0864	+·0162	+ 81	+25	2	39·7	+20·040	−·018	+ 33	6, 7	20·58, 20·47	138
13	β Cass	2·2		5	9·825	+3·1224	+·0529	+679*	+58	44	10·65	+20·040	−·019	−181*	11, 12	19·48, 18·83	12
14	87 Pegs	5·8		5	10·07	+3·0824	+·0119	+ 92	+17	47	42·3	+20·040	−·019	− 33	3, 3	20·80, 20·80	13
15	22 Andr	5·2		6	24·93	+3·1111	+·0335	+ 4	+45	39	18·2	+20·037	−·021	− 1	9, 9	13·76, 13·31	19
16	Gr. 9	6·3	0	8	3·25	+3·1244	+·0362	+ 54	+47	44	5·8	+20·032	−·025	+ 18	3, 5	13·15, 13·20	204
17	γ Pegs F	2·9		9	22·270	+3·0872	+·0103	0*	+14	45	59·88	+20·028	−·027	− 13*	14, 38	17·13, 17·36	27
18	BD + 26°, 13	6·3		9	31·00	+3·1005	+·0176	− 9	+26	34	16·4	+20·027	−·027	− 44	4, 5	18·25, 16·95	243
19	BD + 32°, 21	6·0		10	8·33	+3·1109	+·0221	− 12	+32	47	22·7	+20·025	−·029	− 21	5, 6	20·99, 20·80	256
20	Pi 0h, 13	6·7		10	38·06	+3·1259	+·0289	+ 38	+40	36	54·6	+20·023	−·030	+ 27	5, 7	21·80, 21·97	269
21	χ Pegs	5·0	0	10	43·11	+3·0953	+·0134	+ 66	+19	47	23·2	+20·023	−·030	+ 11	2, 2	21·26, 21·26	31
22	BD + 21°, 13	6·0		11	2·84	+3·0987	+·0147	+ 44	+21	52	2·7	+20·021	−·030	− 10	7, 8	22·44, 22·35	281
23	Pi 0h, 18	6·5		11	12·72	+3·1122	+·0209	+ 24	+31	7	8·1	+20·021	−·031	− 4	5, 5	21·47, 21·50	290
24	Br. 6	6·5		11	56·97	+3·3636	+·1506	+ 69	+76	32	2·9	+20·017	−·034	− 1	4, 5	11·74, 11·73	37
25	Gr. 30	6·0		12	24·76	+3·1406	+·0317	+ 35	+43	10	44·0	+20·015	−·033	− 29	6, 5	20·74, 20·74	310
26	θ Andr	4·5	0	13	10·08	+3·1333	+·0270	− 41	+38	15	55·0	+20·012	−·035	− 20	1, 2	11·62, 11·70	43
27	Gr 33	6·0		13	11·18	+3·1568	+·0369	+ 28	+47	31	50·9	+20·012	−·035	− 12	4, 4	18·80, 18·80	44
28	Gr 35	6·2		13	44·01	+3·1717	+·0418	− 12	+51	00	59·4	+20·008	−·036	− 1	3, 3	20·84, 20·84	46
29	Pi 0h, 38	6·0		14	42·93	+3·1245	+·0213	+ 67	+31	6	3·2	+20·003	−·038	− 3	4, 4	20·77, 20·77	51
30	ι Ceti F	3·7		15	36·394	+3·0580	−·0020	− 12*	− 9	14	22·31	+19·998	−·039	− 32*	6, 21	19·66, 20·09	53
31	Gr 43	6·2	0	15	44·55	+3·1506	+·0293	− 27	+40	18	48·6	+19·997	−·040	− 8	5, 5	20·94, 20·94	394
32	Gr 44	7·0		16	5·71	+3·1786	+·0386	0	+48	26	58·6	+19·995	−·041	− 16	6, 6	21·25, 21·25	400
33	BD + 30°, 42	5·6		16	29·02	+3·1293	+·0210	+ 13	+30	31	9·7	+19·993	−·041	+ 5	5, 5	19·98, 19·98	408
34	BD + 32°, 45	6·0		16	49·89	+3·1352	+·0225	− 23	+32	29	43·5	+19·991	−·042	− 13	5, 5	19·38, 17·35	414
35	Gr 57	7·0		20	5·46	+3·1852	+·0337	0	+43	50	57·6	+19·968	−·049	− 15	4, 4	20·09, 20·09	66
36	Gr 58	5·6	0	20	12·67	+3·2214	+·0441	+ 17	+51	36	16·0	+19·967	−·050	− 5	5, 6	14·01, 13·64	67
37	Br 23	5·9		21	2·38	+3·2332	+·0460	+ 35	+52	37	53·6	+19·960	−·052	− 3	5, 5	12·77, 12·73	71
38	47 Pisc	5·4		24	8·08	+3·1170	+·0129	+ 81	+17	28	40·4	+19·933	−·057	+ 16	7, 6	19·82, 20·15	81
39	Pi 0h, 74	5·3		24	11·28	+3·2087	+·0344	+ 92	+43	58	47·4	+19·933	−·058	− 18	5, 6	12 72, 12·53	82
40	BD + 36°, 66	6·6		24	57·41	+3·1803	+·0267	− 13	+36	29	7·1	+19·926	−·059	+ 4	9, 10	15·57, 15·48	563
41	BD + 59°, 68	6·0	0	26	8·08	+3·3317	+·0623	+ 42	+59	33	47·5	+19·914	−·064	− 34	4, 5	19·27, 17·74	87
42	12 Ceti	6·3		26	12·66	+3·0611	+·0011	+ 5	− 4	22	17·6	+19·914	−·059	− 7	2, 2	12·77, 12·77	90
43	49 Pisc	7·2		26	53·19	+3·1163	+·0119	− 27	+15	37	24·0	+19·907	−·062	− 7	3, 3	20·72, 20·72	93
44	B.A.C. 120	6·0		27	26·30	+3·1771	+·0240	+ 35	+33	10	4·5	+19·901	−·064	− 19	6, 5	18·70, 18·87	611
45	λ Cass	4·9		27	37·40	+3·2948	+·0501	+ 52	+54	6	30·5	+19·900	−·066	− 12	4, 3	13·27, 13·75	97
46	κ Cass S	4·2	0	28	43·328	+3·3939	+·0722	+ 16*	+62	31	5·49	+19·888	−·070	+ 1*	12, 16	15·86, 15·65	103
47	Br. 42	6·6		28	49·35	+3·5479	+·1133	+ 96	+70	34	5·2	+19·886	−·074	+ 3	7, 9	20·81, 20·79	105
48	Pi 0h, 103	6·7		28	51·44	+3·1616	+·0200	+ 10	+27	51	59·0	+19·886	−·067	+ 6	2, 2	20·76, 20·76	106
49	BD + 54°, 101	6·5		29	0·09	+3·3089	+·0512	+ 79	+54	28	55·4	+19·885	−·069	− 39	6, 6	20·52, 20·52	650
50	Pi 0h, 114	7·5		31	18·00	+3·3213	+·0505	+ 65	+53	47	25·1	+19·858	−·074	+ 14	4, 4	20·78, 20·78	115

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
51	13 Ceti……F	5·4	0 31 23·209	+3·0600	+·0016	+272*	− 4 00 19·65	+19·857	−·070	− 18*	8, 25	21·03, 21·33	116
52	Br. 49……	5·3	31 57·15	+3·3262	+·0506	+ 22	+53 45 20·0	+19·851	−·076	+ 7	3, 3	20·43, 20·43	118
53	BD + 26°, 91……	6·1	32 21·80	+3·1680	+·0195	+ 6	+26 50 31·6	+19·845	−·074	− 13	5, 5	20·77, 20·77	722
54	Pi 0h, 124……	5·5	32 41·39	+3·2567	+·0357	− 21	+44 4 30·5	+19·841	−·076	+ 26	3, 3	20·82, 20·82	121
55	ζ Cass……S	3·8	32 46·953	+3·3301	+·0502	+ 23*	+53 29 4·14	+19·840	−·078	− 9*	10, 10	16·00, 15·98	122
56	π Andr……S	4·4	0 32 52·174	+3·1982	+·0246	+ 17*	+33 18 24·26	+19·839	−·075	− 9*	9, 9	15·57, 15·58	123
57	Pi 0h, 127……	6·5	33 10·02	+3·1570	+·0173	− 12	+23 36 8·6	+19·835	−·075	− 42	5, 5	20·45, 20·45	735
58	Pi 0h, 128……	5·7	33 19·86	+3·2083	+·0261	− 2	+34 59 13·0	+19·832	−·076	+ 19	4, 4	18·75, 18·75	125
59	ε Andr……	4·5	34 35·44	+3·1837	+·0212	−173	+28 54 17·7	+19·817	−·078	−248	5, 4	14·99, 15·80	130
60	Gr. 113……	5·8	35 0·63	+3·3062	+·0427	+ 14	+48 56 33·4	+19·811	−·082	− 13	4, 5	13·69, 13·89	131
61	δ Andr……	3·4	0 35 18·59	+3·1934	+·0225	+107	+30 27 3·5	+19·807	−·080	− 86	9, 6	13·13, 13·78	132
62	55 Pisc……	5·6	35 58·47	+3·1531	+·0158	+ 19	+21 1 38·1	+19·798	−·081	− 38	2, 2	18·38, 18·38	134
63	α Cass……S	2·3	36 14·381	+3,3863	+·0566	+ 61*	+56 7 34·99	+19·795	−·086	− 31*	12, 11	18·90, 18·35	135
64	32 Andr……	5·5	37 2·83	+3·2473	+·0305	− 5	+39 2 50·2	+19·783	−·085	− 4	6, 6	17·34, 17·34	138
65	Gr. 118……	7·1	37 5·33	+3·5445	+·0881	+132	+65 27 29·7	+19·783	−·092	− 61	7, 7	20·16, 20·62	816
66	Gr. 120……	5·9	0 37 34·25	+3·5568	+·0897	− 8	+65 44 11·2	+19·776	−·093	− 4	5, 5	20·60, 20·60	825
67	Br. 64……	6·9	37 56·15	+3·2594	+·0319	− 20	+40 16 42·8	+19·771	−·087	− 62	5, 5	17·82, 17·82	829
68	Br. 63……	6·5	38 11·53	+3·4323	+·0628	+ 45	+58 20 33·2	+19·767	−·092	− 3	6, 5	17·72, 16·92	837
69	Br. 68……	5·8	40 15·82	+3·3273	+·0413	− 24	+47 27 12·6	+19·736	−·093	+ 9	4, 4	15·30, 15·30	149
70	ο Cass……S	4·9	40 32·191	+3·3328	+·0420	+ 22*	+47 52 27·19	+19·732	−·094	− 5*	11, 12	18·37, 17·83	152
71	21 Cass……S	5·7	0 40 39·884	+3·9278	+·1696	− 53*	+74 34 42·54	−19·730	−·110	− 24*	20, 20	19·05, 20·45	150
72	BD + 68°, 49……	6·4	41 54·98	+3·7029	+·1113	+365	+68 54 55·1	+19·710	−·106	+ 7	5, 5	20·08, 20·08	921
73	Gr. 137……	6·6	41 56·94	+3·4189	+·0552	+ 16	+54 53 44·5	+19·710	−·099	− 9	5, 5	19·62, 19·62	916
74	Gr. 140……	5·9	42 1·17	+3·3118	+·0374	+ 24	+44 27 6·2	+19·709	−·096	− 7	4, 4	15·73, 15·02	918
75	BD + 58°, 101……	6·7	42 19·34	+3·4838	+·0664	− 11	+59 9 53·1	+19·704	−·102	+ 3	5, 6	19·02, 17·81	926
76	BD + 71°, 37……	6·0	0 43 13·47	+3·8561	+·1425	+289	+72 15 54·1	+19·689	−·114	+ 30	10, 9	20·58, 20·68	943
77	ζ Andr……S	4·2	43 21·529	+3·1840	+·0182	− 74*	+23 51 33·96	+19·687	−·096	− 80*	11, 10	20·09, 21·21	164
78	61 Pisc……	6·8	43 55·82	+3·1681	+·0160	+115	+20 30 56·7	+19·677	−·097	+ 10	3, 3	21·07, 21·07	167
79	ν Cass……	5·0	44 34·40	+3·3867	+·0472	+ 35	+50 33 33·6	+19·666	−·104	− 11	1, 1	11·84, 11·84	172
80	δ Pisc……F	4·6	44 47·352	+3·1055	+·0081	+ 55*	+ 7 10 37·85	+19·663	−·096	− 44*	20, 37	17·37, 19·14	173
81	64 Pisc……	5·3	0 45 2·01	+3·1503	+·0134	− 14	+16 32 8·3	+19·659	−·098	−203	3, 2	21·39, 21·24	174
82	Pi 0h, 196……	6·4	46 6·45	+3·3361	+·0381	+ 65	+44 35 37·6	+19·640	−·106	− 3	3, 2	20·81, 20·32	180
83	Pi 0h, 199……	6·6	46 39·25	+3·4075	+·0483	+135	+51 5 59·8	+19·631	−·109	− 2	2, 3	21·75, 21·51	183
84	BD + 61°, 178……	6·2	46 46·49	+3·5696	+·0752	− 3	+61 23 50·9	+19·629	−·114	+ 11	5, 5	21·34, 21·34	1014
85	Pi 0h, 203……	6·4	47 16·42	+3·1428	+·0486	− 13	+51 9 48·7	+19·621	−·110	− 12	2, 2	21·41, 21·41	186
86	20 Ceti……F	5·0	0 49 10·409	+3·0651	+·0038	− 4*	− 1 33 5·01	+19·585	−·104	− 16*	6, 6	16·24, 16·24	191
87	BD + 36°, 148……	6·6	49 20·66	+3·2880	+·0296	+ 8	+37 0 43·0	+19·582	−·111	− 45	5, 5	20·44, 20·44	1060
88	Pi 0h, 211……	6·5	49 27·18	+3·4427	+·0512	+ 94	+52 16 58·0	+19·580	−·116	− 26	3, 3	12·79, 12·79	192
89	26 Cass……	5·1	50 32·17	+3·5510	+·0670	− 38	+58 34 1·9	+19·559	−·122	− 44	1, 3	20·74, 14·77	193
90	Gr. 171……	6·3	50 48·93	+3·4023	+·0441	− 26	+48 16 20·4	+19·554	−·117	− 5	4, 4	20·10, 20·10	1090
91	BD + 23°, 126……	6·3	0 51 13·56	+3·2056	+·0188	+ 13	+24 9 3·6	+19·546	−·112	− 13	4, 4	21·59, 22·04	1096
92	BD + 57°, 172……	7·0	51 44·89	+3·5439	+·0644	+ 46	+57 35 27·2	+19·536	−·124	− 11	5, 5	21·40, 21·40	1104
93	χ Pisc……	6·2	51 56·12	+3·2245	+·0208	− 1	+26 48 11·2	+19·532	−·114	+ 6	2, 2	20·77, 20·77	198
94	γ Cass……S	2·0	52 9·992	+3·6017	+·0731	+ 4*	+60 18 40·04	+19·528	−·127	− 2*	10, 11	20·53, 19·74	199
95	28 Cass……	4·9	52 11·05	+3·5705	+·0680	−116	+58 46 35·1	+19·527	−·125	− 42	3, 3	20·21, 20·21	200
96	Gr. 184 (m)……	5·8	0 52 15·02	+3·5951	+·0719	+ 52	+59 57 25·6	+19·526	−·127	0	3, 3	22·20, 22·20	201
97	Gr. 188……	6·7	52 18·32	+3·3505	+·0362	− 9	+42 34 22·8	+19·525	−·119	− 7	3, 3	21·55, 21·55	1118
98	μ Andr……S	3·9	52 34·981	+3·3110	+·0310	+128*	+38 5 34·36	+19·519	−·118	+ 27*	14, 13	18·85, 19·70	203
99	η Andr……	4·6	53 11·88	+3·2034	+·0181	− 31	+23 0 46·7	+19·507	−·116	− 42	2, 2	20·38, 20·38	206
100	Gr. 193……	6·2	53 24·46	+3·3861	+·0403	+ 8	+45 26 3·3	+19·503	−·122	+ 7	5, 5	20·16, 20·77	1142

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
101	Gr. 192	6·1	0 53 44·98	+3·7686	+·0989	+ 72	+65 56 49·5	+19·495	−·136	+ 13	2, 2	21·76, 21·76	208
102	Pi 0h, 242	6·4	54 7·18	+3·2801	+·0266	+ 37	+33 32 50·4	+19·488	−·120	− 58	6, 6	21·83, 21·83	1159
103	Gr. 198	6·6	54 26·42	+3·4057	+·0421	+ 16	+46 37 55·4	+19·482	−·125	− 1	5, 5	21·36, 21·36	1169
104	43H Ceph. P	4·6	58 11·056	+7·7048	+1·6047	+ 79*	+85 51 20·31	+19·402	−·291	− 6*	190, 142	18·44, 17·53	218
105	Gr. 220	6·2	58 41·98	+3·4354	+·0431	+ 82	+46 58 24·8	+19·391	−·135	− 14	5, 5	21·34, 21·34	1257
106	Gr. 219	6·2	0 58 58·95	+3·6782	+·0765	− 7	+60 40 19·7	+19·384	−·145	+ 9	6, 7	21·81, 21·66	1263
107	ϵ Pisc. F	4·5	59 2·904	+3·1176	+·0090	− 54*	+ 7 29 11·90	+19·383	−·124	+ 28*	2, 4	19·76, 20·10	226
108	BD + 51°, 220	6·4	59 37·23	+3·5144	+·0526	+ 10	+52 6 3·8	+19·370	−·140	− 56	5, 5	21·17, 21·17	1275
109	Gr. 225	5·9	59 40·71	+3·6981	+·0786	− 96	+61 10 41·9	+19·369	−·147	− 17	6, 6	22·38, 22·38	1279
110	B.A.C. 299	6·7	1 00 21·35	+3·2677	+·0232	+ 62	+29 15 33·9	+19·354	−·132	−113	5, 5	21·89, 21·89	1290
111	Gr. 232	6·9	1 00 22 91	+3·3606	+·0334	+ 73	+39 35 22·5	+19·353	−·136	− 21	4, 5	22·84, 22·86	231
112	74¹ Pisc.	5·5	01 39·43	+3·2097	+·0173	+ 37	+21 4 19·9	+19·324	−·133	− 17	3, 3	21·85, 21·85	235
113	74² Pisc.	5·8	01 40·16	+3·2097	+·0172	+ 28	+21 3 51·6	+19·323	−·133	− 25	2, 2	21·28, 21·28	236
114	76 Pisc.	6·8	02 3·36	+3·2943	+·0255	+ 4	+31 46 50·3	+19·314	−·137	− 19	3, 3	21·08, 21·08	241
115	BD + 56°, 196	6·5	02 26·16	+3·6166	+·0638	+134	+56 32 11·1	+19·305	−·150	−128	5, 5	19·31, 19·31	1339
116	Pi 0h, 279	6·9	1 02 41·18	+3·5535	+·0553	+ 23	+53 5 50·1	+19·300	−·148	+ 2	5, 5	21·50, 21·50	1343
117	μ Cass.	5·4	03 10·89	+3·5844	+·0588	+3930	+54 33 11·1	+19·286	−·150	−1562	4, 4	12·55, 13·28	244
118	79 Pisc.	5·7	03 55·54	+3·2092	+·0168	+ 60	+20 20 27·4	+19·270	−·137	− 92	3, 3	20·53, 20·53	249
119	η Ceti. F	3·5	04 48·997	+3·0032	+·0002	+141*	−10 34 45·80	+19·248	−·130	−133*	16, 28	20·63, 21·04	255
120	β Andr. S	2·1	05 31·554	+3·3389	+·0290	+149*	+35 13 23·88	+19·231	−·145	−115*	10, 11	15·16, 15·12	259
121	44H Ceph. S	5·8	1 05 43·718	+5·0687	+·3522	+328*	+79 16 31·06	+19·226	−·217	+ 8*	20, 73	20·30, 20·33	256
122	44 Andr.	5·9	06 2·87	+3·4111	+·0363	−122	+41 41 0·1	+19·218	−·148	− 46	3, 3	17·09, 17·09	262
123	Pi 0h, 311	6·9	06 12·62	+3·1768	+·0185	+ 19	+15 16 30·7	+19·214	−·140	− 20	5, 5	21·03, 21·03	1411
124	Pi 0h, 310	6·1	06 14·99	+3·2509	+·0342	− 2	+25 3 39·4	+19·213	−·143	−112	5, 6	21·77, 21·65	1415
125	θ Cass.	4·5	06 31·05	+3·6139	+·0600	+265	+54 45 6·0	+19·206	−·159	− 18	2, 3	11·77, 11·83	264
126	45 Andr.	6·0	1 6 57·00	+3·3663	+·0312	− 18	+37 19 32·1	+19·195	−·149	− 3	5, 5	21·01, 21·01	268
127	g Pisc.	5·3	6 58·28	+3·3043	+·0251	− 17	+31 1 34·2	+19·195	−·147	− 14	2, 2	20·82, 20·82	269
128	χ Pisc.	4·8	7 25·06	+3·2187	+·0172	+ 14	+20 38 10·8	+19·184	−·144	+ 6	3, 3	18·52, 18·52	270
129	τ Pisc.	4·6	7 31·40	+3·2941	+·0240	+ 55	+29 41 31·3	+19·181	−·148	− 38	5, 4	14·24, 14·84	271
130	Pi 1h, 9	6·7	8 12·89	+3·4638	+·0411	+ 33	+44 56 21·1	+19·163	−·156	+ 23	3, 3	20·11, 20·11	274
131	Br. 153	6·5	1 8 51·24	+3·2981	+·0455	+ 13	+29 40 2·2	+19·147	−·150	− 32	5, 5	16·37, 16·37	1462
132	ψ Pisc.	4·7	9 40·29	+3·2524	+·0198	+ 16	+24 11 13·3	+19·126	−·150	− 41	2, 3	12·67, 12·42	281
133	Br. 137	6·4	9 48·65	+5·2378	+·3750	−174	+79 30 43·8	+19·122	−·237	+ 62	10, 9	20·04, 20·90	276
134	BD + 27°, 196	6·5	9 57·30	+3·2875	+·0229	+ 58	+28 8 1·3	+19·118	−·152	− 46	5, 5	18·88, 18·88	1480
135	Br. 151	6·4	10 46·76	+4·2761	+·1554	+ 15	+71 20 51·4	+19·096	−·198	+ 10	9, 11	18·95, 19·62	1505
136	Gr. 277	6·8	1 11 58·64	+3·5263	+·0459	+ 15	+47 41 10·9	+19·064	−·167	− 2	6, 6	20·79, 20·79	1519
137	Pi 1h, 29	6·5	12 7·56	+3·3385	+·0270	+ 11	+32 43 10·7	+19·060	−·159	− 32	4, 5	16·54, 15·79	1521
138	Gr. 281	6·8	12 42·57	+3·4826	+·0409	+ 11	+44 30 26·7	+19·044	−·166	− 43	4, 5	21·32, 21·61	1539
139	B.A.C. 379	7·1	13 9·32	+4·0814	+·1182	− 13	+67 25 17·9	+19·032	−·194	+ 1	2, 2	21·82, 21·82	289
140	BD + 30°, 196	6·8	13 13·99	+3·3285	+·0258	− 43	+31 20 57·6	+19·030	−·160	+ 4	5, 6	22·04, 22·18	1544
141	Pi 1h, 31	6·3	1 13 44·30	+3·5264	+·0449	+ 14	+47 1 29·7	+19·016	−·171	− 1	3, 3	20·77, 17·13	1565
142	89 Pisc. F	5·4	13 55·701	+3·0966	+·0074	− 34*	+ 3 13 11·68	+19·011	−·151	− 23*	19, 28	18·88, 20·07	295
143	ν Pisc. S	4·8	15 20·352	+3·2914	+·0221	+ 17*	+26 52 12·86	+18·971	−·163	− 12*	16, 14	13·32, 16·98	300
144	φ Cass$_e$	5·2	15 21·02	+3·7590	+·0706	+ 12	+57 50 16·4	+18·971	−·185	+ 5	1, 2	11·69, 12·22	298
145	35 Cass.	6·6	16 3·45	+3·9761	+·0985	+ 90	+64 15 56·1	+18·951	−·198	− 14	2, 2	20·78, 20·78	301
146	l Pisc.	5·5	1 16 58·23	+3·3104	+·0234	+ 18	+28 20 48·5	+18·925	−·167	− 76	2, 3	20·86, 17·88	303
147	Br. 166	6·2	17 6·62	+5·2097	+·3314	− 17	+78 20 1·7	+18·921	−·259	+ 2	10, 11	20·00, 20·39	1642
148	ξ Andr.	5·1	17 54·89	+3·5205	+·0423	+ 39	+45 8 10·6	+18·897	−·179	+ 4	4, 7	12·33, 12·23	304
149	BD + 19°, 226	6·3	19 21·55	+3·2385	+·0173	− 8	+20 4 39·2	+18·855	−·168	− 6	5, 4	19·92, 19·42	1677
150	Pi 1h, 56	6·3	19 21·89	+3·3770	+·0285	+182	+33 51 6·3	+18·855	−·311	+118	5, 4	19·48, 20·87	1680

No.	STAR	M	1925·0 R A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
151	47 Andr.	5·7	1 19 22·67	+3·4187	+·0321	+ 62	+37 19 26·4	+18·854	−·177	− 14	5, 6	20·25, 20·17	307
152	Pi 1h, 52	6·5	20 13·81	+4·3735	+·1525	+ 35	+70 35 23·3	+18·829	−·227	− 7	12, 15	20·22, 20·28	1700
153	θ Ceti F	3·7	20 16·449	+3·0037	+·0020	− 54*	− 8 34 11·87	+18·828	−·158	−213*	12, 23	16·62, 17·13	313
154	ψ Cass. S	5·1	20 36·642	+4·1975	+·1242	+140*	+67 44 21·33	+18·818	−·219	+ 34*	9, 9	19·39, 19·39	310
155	δ Cass. S	2·6	20 53·592	+3·8680	+·0789	+401*	+59 50 45·97	+18·809	−·203	− 46*	9, 12	19·96, 18·83	314
156	BD + 22°, 226	6·3	1 21 29·57	+3·2714	+·0195	+ 12	+23 7 19·2	+18·791	−·174	− 37	6, 6	21·57, 21·57	1722
157	Pi 1h, 69	6·1	21 53·50	+3·5098	+·0395	+ 92	+43 4 9·8	+18·778	−·187	− 58	4, 5	21·62, 19·64	1729
158	BD + 33°, 234	6·6	22 50·07	+3·3914	+·0288	+122	+33 59 18·7	+18·750	−·183	− 10	5, 6	20·66, 20·73	1744
159	Gr. 315	7·0	24 21·04	+3·8939	+·0789	+ 14	+59 38 51·8	+18·702	−·212	+ 9	5, 5	20·59, 20·59	1784
160	BD + 65°, 175	6·2	25 36·47	+4·1533	+·1107	+139	+65 42 41·5	+18·662	−·229	− 5	5, 6	20·63, 20·87	1811
161	38 Cass.	6·0	1 25 36·81	+4·4040	+·1473	+278	+69 52 45·4	+18·662	−·242	− 66	1, 1	11·77, 11·77	327
162	η Pisc. F	3·8	27 27·990	+3·2058	+·0143	+ 20*	+14 57 34·93	+18·603	−·182	− 10*	16, 35	19·17, 18·80	335
163	BD + 35°, 292	6·7	28 29·47	+3·4312	+·0305	− 9	+35 27 30·7	+18·569	−·196	− 55	5, 5	20·94, 20·94	1867
164	BD + 57°, 320	5·8	28 32·76	+3·8769	+·0733	+ 14	+57 56 33·4	+18·587	−·221	+ 6	5, 5	21·35, 21·35	1870
165	χ Cass.	4·9	29 0·98	+3·9100	+·0768	− 44	+58 50 53·0	+18·551	−·224	− 16	1, 1	14·70, 14·70	338
166	Pi 1h, 104	6·1	1 29 56·40	+3·4558	+·0321	+ 16	+36 51 9·3	+18·521	−·200	− 16	1, 1	11·77, 11·77	340
167	BD + 40°, 328	6·6	31 26·49	+3·5192	+·0369	+122	+40 41 35·4	+18·470	−·207	+ 1	7, 6	17·42, 17·86	1925
168	Gr. 344	7·0	31 49·26	+3·6305	+·0464	− 10	+46 56 35·8	+18·457	−·214	− 14	5, 6	20·78, 20·83	1935
169	Br. 207	6·4	31 51·50	+3·6587	+·0490	− 4	+48 20 25·8	+18·456	−·216	− 13	3, 3	16·92, 16·92	346
170	ν Andr.	4·2	32 23·42	+3·5290	+·0373	−159	+41 1 51·0	+18·438	−·210	−378	3, 2	14·92, 15·94	350
171	40 Cass. S	5·6	1 32 29·184	+4·7533	+·1900	− 12*	+72 39 30·92	+18·435	−·280	− 6*	20, 20	20·00, 20·00	349
172	ν Pers. S	3·8	33 22·669	+3·6661	+·0489	+ 61*	+48 14 56·24	+18·404	−·220	−112*	11, 13	19·18, 19·54	357
173	BD + 44°, 341	6·4	34 0·22	+3·6060	+·0433	− 35	+45 1 6·2	+18·382	−·217	+ 16	5, 5	20·65, 20·65	1977
174	α U. Min. P	1·9	34 13·533	+30·9676	+27·3816	+1530*	+88 54 11·08	+18·374	−1·812	− 1*	73, 53	18·89, 18·50	325
175	Pi 1h, 130	6·8	35 26·29	+3·8029	+·0608	− 13	+53 29 17·9	+18·332	−·233	0	5, 5	20·83, 20·83	2010
176	BD + 39°, 376	7·1	1 35 38·93	+3·5322	+·0366	− 45	+40 18 16·0	+18·324	−·216	− 36	5, 5	17·31, 17·31	2014
177	Gr. 360	5·9	36 9·19	+3·5790	+·0402	+122	+42 55 8·9	+18·306	−·220	− 38	2, 3	13·83, 13·15	368
178	43 Cass.	5·7	36 45·55	+4·4056	+·1300	+ 97	+67 39 52·5	+18·285	−·271	− 2	1, 1	11·84, 11·84	370
179	42 Cass.	5·4	37 4·95	+4·6022	+·1573	+146	+70 14 39·9	+18·273	−·283	− 7	4, 5	19·65, 19·67	371
180	Pi 1h, 145	6·4	37 7·04	+3·3333	+·0217	+ 94	+25 22 3·1	+18·271	−·209	− 43	2, 2	20·84, 20·84	373
181	ρ Pisc. F	4·7	1 37 31·567	+3·1221	+·0092	− 14*	+ 5 6 31·61	+18·257	−·196	+ 1*	10, 24	17·87, 18·17	378
182	44 Cass.	5·9	38 14·08	+4·0416	+·0837	+ 32	+60 10 26·5	+18·231	−·253	− 13	3, 2	17·83, 20·90	380
183	Gr. 371	7·0	38 41·98	+3·6296	+·0435	+135	+44 56 41·9	+18·214	−·229	− 15	5, 5	20·80, 20·61	2095
184	Gr. 370	6·8	38 51·91	+3·8012	+·0586	− 7	+52 30 30·5	+18·208	−·240	− 1	5, 5	21·84, 21·84	2100
185	φ Pers. S	4·2	38 56·880	+3·7466	+·0535	+ 29*	+50 18 41·72	+18·205	−·236	− 18*	11, 12	20·34, 19·61	384
186	Br. 226	6·3	1 39 19·77	+3·9423	+·0712	+ 49	+57 9 36·9	+18·191	−·249	− 36	5, 6	17·81, 18·66	2109
187	BD + 56°, 334	6·3	39 49·11	+3·9316	+·0708	+ 17	+56 42 45·1	+18·173	−·250	0	5, 5	21·97, 21·97	2116
188	Gr. 374	6·5	39 51·39	+3·6520	+·0449	− 11	+45 45 49·1	+18·172	−·232	− 26	4, 6	22·44, 22·27	2112
189	o Pisc. F	4·4	41 25·812	+3·1612	+·0113	+ 46*	+ 8 46 51·56	+18·113	−·205	+ 51*	18, 33	19·40, 18·10	393
190	Pi 1h, 159	5·8	42 16·99	+4·2290	+·1010	+878	+63 29 2·7	+18·081	−·274	−237	3, 3	11·80, 11·75	394
191	Gr. 382	7·0	1 43 11·19	+3·6720	+·0452	+ 19	+45 51 24·8	+18·047	−·241	− 55	5, 5	20·28, 20·28	2176
192	Pi 1h, 170	6·3	44 12·83	+3·5245	+·0337	+ 93	+37 34 48·6	+18·008	−·232	− 26	4, 5	13·83, 13·41	402
193	Pi 1h, 171	6·0	44 23·47	+3·4446	+·0280	−138	+32 18 37·7	+18·001	−·229	+308	3, 4	19·15, 19·85	405
194	B.A.C. 547	6·0	44 35·59	+3·7160	+·0483	− 12	+47 31 26·7	+17·993	−·246	− 2	5, 5	20·41, 20·41	2200
195	Pi 1h, 176	6·2	46 8·26	+3·8251	+·0568	+ 47	+51 33 52·5	+17·933	−·257	−113	7, 7	14·60, 14·28	409
196	ζ Ceti F	3·8	1 47 45·451	+2·9584	+·0025	+ 25*	−10 42 17·67	+17·870	−·203	− 32*	15, 29	18·97, 19·58	416
197	Br. 240	6·2	48 2·31	+3·8250	+·0559	− 12	+51 6 17·9	+17·858	−·261	− 7	5, 5	20·44, 20·44	2265
198	α Tria. S	3·4	48 48·019	+3·4144	+·0252	+ 13*	+29 12 50·96	+17·828	−·235	−232*	7, 10	18·21, 17·21	421
199	ε Cass. S	3·4	48 58·700	+4·2892	+·1012	+ 57*	+63 18 5·77	+17·821	−·294	− 17*	11, 11	20·91, 20·92	419
200	ξ Pisc. F	4·8	49 40·248	+3·1031	+·0085	+ 15*	+ 2 49 5·39	+17·793	−·216	+ 25*	6, 10	17·41, 16·63	426

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. " ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
201	126 Andr.	7·4	1 50 7·13	+3·5964	+·0371	− 1	+40 17 16·2	+17·775	−·250	+ 4	6, 7	21·13, 21·12	2302
202	Br. 250	6·9	50 22·49	+3·5984	+·0371	+ 41	+40 20 7·6	+17·765	−·250	− 64	6, 6	22·37, 22·08	2310
203	β Arietis F	2·7	50 29·556	+3·3037	+·0184	+ 68*	+20 26 31·13	+17·760	−·231	−111*	2, 4	21·28, 22·41	428
204	Pi 1h, 200	6·3	50 31·27	+3·5358	+·0327	+ 17	+36 45 38·0	+17·759	−·247	− 8	5, 5	21·63, 21·63	2312
205	Br. 253	6·2	51 27·82	+3·5419	+·0329	− 3	+36 54 39·1	+17·720	−·248	+ 3	2, 2	14·86, 14·86	430
206	BD + 60°, 398	6·9	1 53 13·07	+4·2317	+·0912	+ 22	+61 19 57·8	+17·648	−·300	− 3	8, 8	20·13, 20·00	2362
207	Gr. 416	6·8	53 16·84	+3·7463	+·0472	0	+46 43 48·5	+17·646	−·267	− 2	4, 6	16·38, 14·87	2354
208	Pi 1h, 213	6·8	53 27·78	+3·4025	+·0237	+ 20	+27 26 24·2	+17·638	−·243	− 55	5, 4	19·64, 20·08	2357
209	λ Arie	4·9	53 44·75	+3·3459	+·0205	− 68	+23 13 51·3	+17·626	−·240	− 18	1, 1	12·76, 12·76	441
210	B.A.C. 588	5·4	54 4·78	+4·3961	+·1081	+ 73	+64 15 27·4	+17·612	−·314	− 9	4, 4	13·82, 13·82	440
211	Br. 246	6·4	1 55 17·67	+5·9922	+·3499	+ 3	+77 33 14·5	+17·561	−·429	+ 4	10, 10	19·73, 19·73	2425
212	Pi 1h, 222	6·1	55 25·58	+3·3164	+·0187	+ 98	+20 41 42·2	+17·556	−·241	− 21	6, 6	20·72, 20·72	2398
213	Gr. 422	6·2	56 29·62	+5·2671	+·2202	− 58	+73 29 19·3	+17·510	−·381	0	12, 11	20·97, 20·94	2438
214	50 Cass S	4·0	56 59·627	+5·0894	+·1927	− 83*	+72 3 34·00	+17·489	−·370	+ 23*	19, 11	18·60, 18·04	449
215	52 Cass	6·0	57 15·95	+4·4471	+·1104	+ 6	+64 32 25·1	+17·478	−·324	− 5	2, 2	20·79, 20·79	454
216	γ Andr. S	2·1	1 59 17·226	+3·6706	+·0396	+ 42*	+41 58 14·44	+17·390	−·274	− 52*	20, 22	15·92, 16·39	468
217	Gr. 424	6·0	2 0 3·94	+7·2642	+·6101	−140	+80 56 19·0	+17·356	−·537	+ 8	12, 11	20·39, 20·32	2517
218	Br. 286	6·0	2 33·88	+3·3955	+·0221	+ 12	+25 20 51·4	+17·246	−·260	− 8	5, 6	20·09, 20·24	2534
219	α Arie S	2·0	2 56·444	+3·3642	+·0205	+137*	+23 6 30·96	+17·229	−·258	−146*	11, 12	20·94, 20·94	477
220	58 Andr.	4·8	3 57·12	+3·6008	+·0338	+127	+37 30 15·0	+17·184	−·278	− 41	5, 7	15·11, 14·47	480
221	β Tria S	3·0	2 5 4·468	+3·5519	+·0305	+123*	+34 37 59·92	+17·133	−·276	− 46*	14, 15	15·16, 15·28	482
222	Br. 256	6·9	5 4·95	+8·8997	+1·0327	+356	+83 12 39·8	+17·133	−·681	− 29	13, 13	20·49, 20·49	2622
223	14 Arie	5·1	5 8·87	+3·4051	+·0224	+ 58	+25 35 9·1	+17·130	−·266	− 37	6, 6	20·32, 20·33	483
224	59 Andr.	6·4	6 19·41	+3·6332	+·0352	− 11	+38 41 11·6	+17·076	−·285	− 21	4, 3	14·91, 15·25	489
225	16 Arie	6·3	6 55·77	+3·4093	+·0223	0	+25 35 2·3	+17·048	−·269	− 11	3, 3	20·56, 20·56	493
226	5 Tria.	6·5	2 7 1·65	+3·4983	+·0271	+ 30	+31 10 25·4	+17·044	−·276	− 9	5, 6	19·26, 19·56	2613
227	Pi 2h, 8	6·3	8 22·68	+3·3862	+·0210	+ 29	+23 48 58·0	+16·981	−·270	− 5	5, 4	21·09, 21·38	2638
228	55 Cass S	6·3	8 34·367	+4·6828	+·1243	− 2*	+66 10 26·10	+16·972	−·370	+ 3*	11, 11	18·39, 18·30	498
229	6 Pers	5·5	8 35·87	+3·9422	+·0557	+365	+50 43 6·6	+16·971	−·313	−169	2, 2	12·32, 12·34	500
230	ξ¹ Ceti F	4·6	9 1·317	+3·1793	+·0117	− 17*	+ 8 29 44·56	+16·951	−·254	− 7*	8, 18	21·10, 21·44	505
231	Gr. 470	6·5	2 9 13·50	+3·8423	+·0482	− 64	+47 8 6·7	+16·942	−·307	− 58	4, 5	17·60, 16·86	2668
232	BD + 47°, 590	7·1	11 6·37	+3·8614	+·0489	+ 59	+47 27 51·8	+16·853	−·312	− 69	5, 5	18·65, 18·65	2704
233	21 Arie	5·7	11 27·21	+3·4063	+·0217	− 61	+24 41 46·6	+16·837	−·277	− 87	3, 3	20·62, 20·62	509
234	20 Arie	6·0	11 28·08	+3·4178	+·0223	+136	+25 26 9·1	+16·835	−·278	− 60	3, 3	21·63, 21·63	510
235	7 Tria	5·5	11 29·76	+3·5440	+·0288	− 13	+33 0 40·5	+16·835	−·287	− 31	3, 3	20·91, 20·91	508
236	Pi 2h, 22	6·8	2 11 36·27	+4·1782	+·0730	+ 18	+56 42 26·4	+16·830	−·338	0	3, 3	21·68, 21·68	507
237	8 Pers	6·1	12 40·37	+4·2228	+·0761	+ 87	+57 33 11·0	+16·779	−·343	+ 20	2, 4	14·80, 13·26	513
238	γ Tria	4·1	12 50·90	+3·5573	+·0294	+ 34	+33 30 4·6	+16·770	−·291	− 51	4, 4	14, 12 14·12	517
239	67 Ceti	5·9	13 14·50	+2·9857	+·0051	+ 61	− 6 46 0·9	+16·752	−·246	−108	1, 1	12·76, 12·76	578
240	θ Arie F	5·7	13 56·969	+3·3347	+·0181	− 10*	+19 33 17·86	+16·717	−·275	− 6*	17, 32	21·53, 21·89	521
241	BD + 45°, 589	6·5	2 14 21·52	+3·8418	+·0464	− 16	+46 7 37·8	+16·698	−·317	− 8	5, 5	20·68, 20·68	2777
242	c Andr.	5·4	14 25·90	+3·8669	+·0480	− 56	+47 2 5·8	+16·694	−·319	− 11	3, 3	14·97, 13·96	522
243	10 Tria	5·4	14 35·86	+3·4714	+·0245	+ 9	+28 17 50·2	+16·687	−·287	− 2	2, 2	18·35, 18·35	526
244	Gr. 496	6·8	14 59·73	+3·6845	+·0362	+ 28	+39 29 25·5	+16·667	−·305	− 8	5, 5	20·13, 20·13	2793
245	Br. 325	6·4	15 49·57	+3·8724	+·0479	+ 1	+46 58 1·5	+16·626	−·322	− 5	3, 4	20·61, 20·72	529
246	i Pers	5·3	2 17 6·92	+4·1680	+·0690	+ 6	+55 30 12·7	+16·563	−·349	0	4, 3	12·78, 13·08	534
247	Pi 2h, 61	6·1	18 9·85	+3·7327	+·0382	− 76	+41 3 25·8	+16·512	−·316	− 94	4, 5	16·69, 16·13	536
248	Pi 2h, 62	7·5	18 13·06	+3·7349	+·0383	+ 8	+41 8 18·4	+16·509	−·316	+ 1	4, 4	20·67, 20·67	538
249	BD + 54°, 535	6·2	18 37·91	+4·1591	+·0674	+ 9	+55 1 27·2	+16·488	−·352	− 22	6, 6	20·34, 20·34	2863
250	64 Andr.	5·5	19 25·23	+3·9723	+·0533	+ 25	+49 40 3·0	+16·449	−·338	− 40	4, 5	14·36, 13·83	542

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
251	10 Pers.	6·5	2 19 57·43	+4·2205	+·0715	− 5	+56 16 14·2	+16·422	−·359	+ 11	3, 4	20·63, 20·72	544
252	65 Andr.	5·0	20 36·63	+3·9877	+·0539	+ 27	+49 56 24·9	+16·389	−·342	− 16	3, 5	15·52, 14·05	545
253	ξ Arie.	5·6	20 47·67	+3·2124	+·0127	+ 8	+10 16 19·1	+16·380	−·277	− 15	2, 2	12·27, 12·27	546
254	BD + 26°, 409.	6·5	22 46·89	+3·4646	+·0232	− 42	+26 40 37·7	+16·279	−·302	− 62	6, 7	20·58, 20·49	2940
255	12 Tria.	5·5	23 45·80	+3·5136	+·0253	− 14	+29 20 8·9	+16·229	−·307	− 87	2, 3	13·32, 12·78	559
256	ξ² Ceti. F	4·4	2 24 10·114	+3·1850	+·0117	+ 26*	+ 8 7 28·81	+16·208	−·280	− 4*	18, 36	19·80, 19·59	560
257	BD + 22°, 354.	6·1	24 56·81	+3·4103	+·0205	+ 58	+23 8 6·1	+16·168	−·301	− 27	5, 5	20·87, 20·87	2974
258	Gr. 518.	7·0	25 16·66	+3·7092	+·0352	− 6	+38 48 12·5	+16·151	−·327	− 15	3, 5	20·60, 20·33	2980
259	BD + 33°, 445.	6·5	25 45·45	+3·5982	+·0292	+ 56	+33 30 5·1	+16·126	−·318	− 57	5, 5	21·30, 21·30	2991
260	P. 2h, 96.	6·1	26 13·13	+3·4423	+·0217	+ 52	+24 54 13·3	+16·102	−·307	− 83	1, 2	11·78, 11·78	565
261	26 Arie.	6·4	2 26 25·74	+3·3554	+·0180	+ 50	+19 31 23·3	+16·091	−·298	− 33	3, 3	21·27, 21·27	566
262	14 Tria.	5·5	27 31·13	+3·6515	+·0316	+ 32	+35 48 56·3	+16·034	−·326	+ 5	5, 6	15·14, 15·14	571
263	BD + 33°, 454.	5·9	28 20·57	+3·6207	+·0298	− 54	+34 12 44·4	+15·990	−·325	− 12	4, 5	20·67, 20·51	3048
264	29 Arie.	6·3	28 47·42	+3·2848	+·0151	− 11	+14 42 11·4	+15·967	−·296	+ 33	3, 3	20·90, 20·90	576
265	BD + 67°, 215.	6·8	29 17·90	+5·0823	+·1432	+ 84	+68 2 23·3	+15·940	−·456	+ 13	6, 6	19·09, 19·09	3075
266	36 H Cass. S	5·3	2 30 51·803	+5·6642	+·2082	− 50*	+72 29 30·17	+15·857	−·512	+ 20*	22, 22	18·98, 18·98	577
267	BD + 65°, 280.	6·1	31 27·11	+4·8659	+·1190	+ 80	+65 25 10·2	+15·825	−·442	− 7	4, 5	15·58, 14·81	3125
268	BD + 30°, 418.	6·1	32 14·41	+3·5734	+·0269	− 32	+31 16 53·4	+15·783	−·328	− 3	5, 5	20·33, 20·33	3130
269	BD + 38°, 515.	6·0	32 15·71	+3·7261	+·0345	+125	+38 24 40·1	+15·781	−·342	−192	5, 6	20·71, 20·28	3132
270	BD + 32°, 473.	6·5	32 35·24	+3·5999	+·0281	+ 53	+32 33 52·6	+15·764	−·331	+ 63	5, 6	21·10, 21·04	3139
271	BD + 37°, 588.	5·9	2 33 39·03	+3·7077	+·0332	− 33	+37 24 11·6	+15·706	−·343	− 43	5, 5	21·37, 21·37	3159
272	ν Arie. S	5·4	34 33·182	+3·4038	+·0193	− 6*	+21 38 16·80	+15·657	−·316	− 23*	9, 10	21·06, 20·13	597
273	δ Ceti. F	4·1	35 38·165	+3·0729	+·0082	+ 7*	+ 0 0 20·88	+15·598	−·288	+ 1*	13, 36	20·13, 19·61	604
274	Br. 344.	6·1	36 51·10	+8·4882	+·6770	+ 87	+81 8 0·1	+15·531	−·789	− 69	4, 4	12·00, 12·00	599
275	Gr. 540.	6·1	37 41·68	+4·2075	+·0614	+ 79	+53 12 26·5	+15·484	−·396	− 28	6, 5	20·46, 20·76	3254
276	Gr. 543.	6·9	2 37 59·29	+4·0150	+·0490	+ 7	+47 56 46·0	+15·468	−·379	+ 3	5, 5	20·78, 20·78	3258
277	Br. 366.	6·1	38 20·84	+5·1294	+·1373	+ 37	+67 30 25·6	+15·448	−·483	− 28	2, 2	15·43, 15·43	613
278	θ Pers. S	4·2	39 4·002	+4·0531	+·0510	+343*	+48 54 44·67	+15·407	−·384	− 91*	9, 11	18·25, 17·08	617
279	14 Pers.	5·7	39 11·49	+3·8982	+·0419	0	+43 58 45·2	+15·400	−·370	− 4	2, 3	16·76, 17·86	619
280	μ Ceti. F	4·3	40 53·098	+3·2218	+·0125	+190*	+ 9 47 54·28	+15·305	−·310	− 27*	17, 42	20·44, 19·75	629
281	BD + 35°, 553.	6·6	2 42 19·81	+3·6968	+·0309	+ 42	+35 40 9·3	+15·223	−·357	− 4	4, 5	20·93, 20·73	3335
282	Gr. 556.	6·2	43 57·84	+4·4109	+·0721	+ 8	+56 46 21·1	+15·130	−·428	− 7	5, 5	20·95, 20·95	3370
283	η Pers. S	4·0	45 12·705	+4·3603	+·0679	+ 29*	+55 35 7·56	+15·058	−·426	− 16*	9, 12	18·11, 17·98	639
284	41 Arie. S	3·5	45 33·843	+3·5221	+·0228	+ 50*	+26 57 8·33	+15·038	−·346	−113*	9, 10	18·29, 18·88	643
285	BD + 46°, 648.	5·8	46 39·87	+4·0101	+·0458	− 28	+46 32 1·3	+14·974	−·395	− 24	6, 6	20·18, 20·16	3418
286	17 Pers.	4·8	2 46 53·21	+3·6898	+·0296	+ 16	+34 45 8·3	+14·961	−·364	− 74	2, 2	19·52, 19·52	646
287	BD + 47°, 723.	7·2	48 13·94	+4·0763	+·0490	+ 15	+48 15 47·8	+14·883	−·404	− 26	5, 5	20·39, 20·39	3446
288	τ Pers. S	4·1	48 55·681	+4·2415	+·0585	+ 5*	+52 27 24·11	+14·842	−·422	− 6*	9, 8	18·06, 18·85	653
289	Pi 2h, 193.	6·5	49 8·34	+4·1777	+·0545	− 61	+50 51 42·2	+14·829	−·416	− 27	4, 7	21·34, 21·32	3466
290	BD + 60°, 591.	5·8	49 58·98	+4·7160	+·0905	+239	+61 12 58·0	+14·780	−·471	+ 27	2, 2	20·93, 20·93	655
291	BD + 63°, 369.	6·5	2 50 12·02	+4·9278	+·1072	+ 14	+64 1 43·9	+14·767	−·492	+ 3	5, 5	21·50, 21·50	3497
292	Gr. 579.	7·3	50 29·34	+4·0432	+·0464	+ 4	+47 0 2·0	+14·750	−·405	+ 4	5, 5	20·32, 20·32	3494
293	Gr. 585.	5·8	51 28·80	+4·0430	+·0460	+ 4	+46 51 40·0	+14·691	−·407	+ 1	4, 5	21·20, 21·16	3520
294	Pi 2h, 206.	6·5	51 34·53	+4·1945	+·0545	− 10	+50 57 33·0	+14·685	−·422	− 38	5, 4	18·28, 19·90	3525
295	η Erid. F	4·0	52 45·760	+2·9247	+·0052	+ 54*	− 9 11 44·80	+14·614	−·298	−215*	3, 15	20·23, 18·50	665
296	BD + 38°, 599.	6·2	2 53 16·63	+3·7973	+·0333	− 5	+38 18 52·3	+14·583	−·386	− 15	6, 5	20·61, 20·52	3556
297	24 Pers.	5·1	54 24·47	+3·7154	+·0294	− 50	+34 53 0·6	+14·516	−·378	+ 12	4, 5	20·90, 20·71	670
298	Br. 414.	7·0	54 34·91	+3·4327	+·0186	+ 41	+21 19 7·2	+14·504	−·353	− 15	3, 3	21·35, 21·35	673
299	Gr. 592.	6·5	54 48·65	+3·8680	+·0362	+ 19	+40 44 7·4	+14·491	−·396	− 38	5, 5	19·96, 19·96	3587
300	ε Arie. S	4·6	54 55·118	+3·4282	+·0184	− 11*	+21 2 28·87	+14·484	−·352	− 8*	10, 12	21·94, 21·80	674

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
301	BD + 37° 675	5·9	2 55 26·42	+3·7919	+·0326	+ 6	+37 50 3·1	+14·453	−·389	− 27	5, 5	22·91, 22·71	3594
302	Pi 2h, 220	5·6	2 55 30·79	+4·2607	+·0568	+ 37	+52 3 17·0	+14·448	−·438	− 27	3, 3	21·86, 21·86	678
303	47H Ceph	5·9	2 56 2·56	+7·9053	+·4697	−131	+79 7 28·4	+14·416	−·807	+ 11	4, 3	14·77, 14·22	669
304	α Ceti F	2·7	2 58 21·397	+3·1350	+·0098	− 9*	+ 3 47 47·27	+14·275	−·327	− 77*	12, 26	20·02, 18·91	691
305	γ Pers S	3·0	2 59 21·126	+4·3329	+·0594	+ 4*	+53 12 50·23	+14·214	−·451	− 9*	10, 11	20·43, 20·57	694
306	χ Pers	5·1	2 59 53·42	+4·4949	+·0690	− 5	+56 24 45·4	+14·181	−·468	+ 71	3, 3	21·85, 21·85	697
307	BD + 55° 738	6·6	3 0 3·40	+4·4624	+·0669	+ 0	+55 46 40·7	+14·170	−·466	− 36	4, 4	22·20, 22·20	3681
308	ρ Pers S	3–4	3 0 21·797	+3·8270	+·0331	+115*	+38 33 2·59	+14·151	−·401	−108*	9, 10	20·65, 21·30	698
309	BD + 40° 664	6·5	3 0 29·52	+3·8756	+·0352	− 45	+40 17 27·2	+14·143	−·406	+ 2	3, 4	21·58, 21·69	3684
310	BD + 63° 390	6·0	3 1 1·32	+4·9989	+·1037	− 5	+63 46 3·6	+14·110	−·523	− 5	2, 2	22·96, 22·96	699
311	52 Arie	5·6	3 1 2·42	+3·5147	+·0208	+ 3	+24 57 51·8	+14·109	−·370	− 14	3, 3	22·30, 22·30	702
312	BD + 46° 692	7·0	3 2 38·63	+4·0984	+·0452	+ 5	+47 1 12·8	+14·009	−·433	− 7	4, 5	21·19, 20·94	3723
313	Gr. 611	5·8	3 2 40·10	+4·2929	+·0556	+ 36	+51 55 32·8	+14·008	−·454	− 25	5, 5	21·36, 21·36	3725
314	β Pers S	2–4	3 3 16·861	+3·8962	+·0355	+ 6*	+40 40 3·92	+13·969	−·413	− 5*	10, 9	20·20, 21·13	708
315	ι Pers S	4·2	3 3 38·627	+4·1898	+·0496	+1294*	+49 19 41·26	+13·947	−·445	− 84*	10, 10	21·68, 21·68	710
316	Pi 2h, 261	6·4	3 5 1·82	+3·4333	+·0177	+ 33	+20 28 31·8	+13·859	−·368	− 11	4, 5	20·75, 20·59	3760
317	Br. 444	6·0	3 5 59·51	+3·5584	+·0217	+ 4	+26 36 37·3	+13·798	−·382	+ 73	5, 5	20·96, 20·96	3783
318	Gr. 621	6·7	3 7 11·91	+3·9528	+·0370	+ 27	+42 5 37·9	+13·722	−·426	− 12	5, 5	20·75, 20·75	3810
319	BD + 47° 779	6·3	3 7 14·52	+4·1340	+·0455	+ 73	+47 26 44·0	+13·719	−·445	− 77	5, 5	20·51, 20·51	3812
320	δ Arie F	4·6	3 7 20·171	+3·4169	+·0170	+107*	+19 26 38·86	+13·713	−·369	− 6*	7, 13	20·53, 20·83	718
321	Pi 2h, 269	6·5	3 8 10·84	+4·1551	+·0463	+ 30	+47 53 47·0	+13·659	−·449	− 21	5, 5	20·76, 20·76	3830
322	94 Ceti	5·3	3 8 56·49	+3·0475	+·0078	+135	− 1 28 34·0	+13·610	−·332	− 55	1, 1	12·86, 12·86	722
323	Pi 3h, 5	6·7	3 9 57·57	+3·9668	+·0369	+ 65	+42 13 29·1	+13·545	−·432	+ 13	5, 5	20·15, 20·15	3864
324	Gr. 629	6·7	3 10 26·16	+4·2777	+·0517	+ 22	+50 40 42·8	+13·514	−·466	− 20	5, 5	20·61, 20·61	3876
325	48H Ceph S	5·7	3 10 44·516	+7·5159	+·3582	+203*	+77 27 41·37	+13·494	−·816	− 49*	20, 21	20·48, 20·78	721
326	Pi 3h, 9	5·7	3 10 46·11	+3·6497	+·0242	− 30	+30 16 42·1	+13·493	−·398	− 5	3, 3	15·38, 15·38	731
327	Gr. 631	5·3	3 10 49·88	+4·2789	+·0516	− 1	+50 39 38·5	+13·488	−·467	− 17	1, 1	19·00, 19·00	729
328	Gr. 633	7·0	3 10 58·27	+4·0643	+·0410	+ 51	+45 4 10·3	+13·479	−·444	− 43	5, 6	19·37, 19·14	3884
329	BD + 32° 591	6·5	3 11 8·56	+3·7052	+·0262	− 26	+32 34 43·9	+13·468	−·406	+ 9	4, 5	21·50, 21·19	3885
330	Pi 3h, 12	6·5	3 11 19·43	+3·7513	+·0278	+ 37	+34 24 43·9	+13·456	−·411	− 33	5, 5	21·47, 21·47	3888
331	BD + 31° 576	6·5	3 11 57·65	+3·6911	+·0255	− 12	+31 54 34·4	+13·415	−·406	−107	5, 4	20·17, 19·96	3904
332	30 Pers	5·5	3 12 44·05	+4·0262	−·0388	+ 25	+43 45 2·7	+13·365	−·444	− 27	2, 2	19·88, 19·88	740
333	29 Pers	5·3	3 13 16·66	+4·2601	+·0497	+ 34	+49 56 54·7	+13·329	−·470	− 30	2, 1	13·41, 15·01	742
334	Br. 448	4·8	3 13 22·07	+5·2514	+·1122	+ 18	+65 22 47·2	+13·323	−·578	− 5	2, 2	13·36, 13·36	741
335	Pi 3h, 23	5·0	3 14 1·98	+3·7467	+·0273	+ 4	+33 56 58·4	+13·280	−·415	− 12	3, 3	19·94, 19·94	746
336	Pi 3h, 32	4·6	3 15 47·79	+3·6263	+·0227	− 2	+28 46 40·3	+13·164	−·404	− 27	4, 4	20·48, 20·48	755
337	60 Arie	6·6	3 15 58·53	+3·5515	+·0202	+ 15	+25 23 37·7	+13·152	−·397	− 93	3, 3	20·87, 20·87	756
338	l Pers	5·0	3 16 24·62	+4·0168	+·0375	− 52	+43 3 34·8	+13·123	−·449	− 10	3, 3	20·20, 20·20	757
339	Pi 3h, 28	6·3	3 16 32·71	+4·2273	+·0469	+200	+48 48 9·8	+13·114	−·472	− 66	2, 2	20·43, 20·43	758
340	Br. 449	7·4	3 17 44·38	+6·3816	+·2066	+123	+72 56 35·1	+13·036	−·712	− 43	6, 6	20·38, 20·38	760
341	Pi 3h, 37	5·4	3 17 53·77	+4·2391	+·0470	+ 29	+48 56 46·1	+13·025	−·476	− 21	3, 3	19·33, 19·33	767
342	α Pers S	1·7	3 18 57·486	+4·2708	+·0481	+ 28*	+49 35 44·11	+12·954	−·481	− 28*	12, 11	17·43, 17·65	772
343	BD + 33° 636	5·9	3 19 47·91	+3·7440	+·0261	+ 29	+33 16 16·4	+12·897	−·424	− 24	1, 1	11·05, 11·05	774
344	Gr. 659	5·9	3 20 37·34	+4·2472	+·0464	+ 28	+48 51 27·0	+12·843	−·481	− 22	4, 5	20·02, 20·02	4075
345	o Taur F	3·6	3 20 46·467	+3·2311	+·0114	− 45*	+ 8 45 57·68	+12·833	−·367	− 78*	11, 26	20·53, 19·48	778
346	Pi 3h, 52	7·0	3 22 16·84	+4·2744	+·0471	+ 14	+49 20 20·8	+12·731	−·487	− 32	5, 5	20·37, 20·37	4101
347	Br. 459	6·8	3 22 30·87	+6·1792	+·1290	+ 32	+71 36 17·0	+12·715	−·702	− 10	12, 11	20·75, 20·64	4116
348	Br. 476	5·1	3 22 42·52	+4·2538	+·0460	+ 25	+48 48 9·4	+12·702	−·486	− 20	1, 1	11·78, 11·78	780
349	Pi 3h, 51 S	4·4	3 22 58·793	+4·8422	+·0770	+ 5*	+59 40 49·98	+12·684	−·552	− 1*	10, 9	20·64, 21·62	781
350	Pi 3h, 56	5·8	3 23 29·02	+4·2904	+·0474	+ 44	+49 35 22·3	+12·650	−·491	− 24	3, 3	19·87, 19·87	783

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			h m s	s	s		° ′ ″	″	″				
351	Pi 3h, 62	5·9	3 23 37·69	+3·7605	+·0259	+ 31	+33 32 56·1	+12·640	−·431	− 56	3, 5	17·65, 17·60	787
352	34 Pers.	4·8	3 23 59·71	+4·2781	+·0466	+ 30	+49 15 2·1	+12·615	−·490	− 33	3, 3	20·71, 20·71	790
353	BD + 46° 760	7·0	3 24 11·81	+4·1749	+·0419	+ 18	+46 40 46·9	+12·601	−·479	− 35	5, 6	19·95, 19·96	4142
354	σ Pers.	4·7	3 25 16·67	+4·2208	+·0436	+ 6	+47 44 16·0	+12·528	−·486	+ 22	5, 5	15·52, 15·52	795
355	Gr. 690	6·7	3 26 7·58	+4·2744	+·0457	− 4	+48 57 14·4	+12·469	−·493	+ 1	5, 5	20·56, 20·56	4177
356	Gr. 695	7·0	3 26 31·60	+3·9678	+·0329	+ 23	+40 30 19·1	+12·442	−·459	− 28	5, 5	20·91, 20·91	4189
357	5 Taur. F	4·4	3 26 43·755	+3·3087	+·0129	+ 12*	+12 40 50·81	+12·428	−·384	− 4*	13, 30	19·45, 19·75	804
358	Br. 483	5·6	3 26 50·09	+4·2283	+·0432	+ 27	+47 46 9·0	+12·421	−·490	− 29	3, 2	20·99, 21·50	802
359	36 Pers.	5·4	3 27 14·01	+4·1530	+·0401	− 48	+45 48 14·8	+12·393	−·482	− 69	2, 1	20·93, 20·77	805
360	BD + 57° 730	6·8	3 27 44·36	+4·7315	+·0678	− 17	+57 36 53·2	+12·359	−·548	− 1	5, 5	22·03, 22·03	4226
361	BD + 54° 693	5·7	3 27 55·72	+4·5609	+·0587	− 52	+54 43 18·4	+12·346	−·529	− 3	5, 5	21·66, 21·66	4229
362	Gr. 703	6·0	3 28 37·98	+3·9473	+·0315	− 8	+39 38 52·4	+12·298	−·459	− 44	5, 4	17·38, 18·77	809
363	ϵ Erid. F	3·7	3 29 23·740	+2·8917	+·0054	−657*	− 9 42 40·26	+12·244	−·339	+ 15*	11, 23	20·48, 19·98	814
364	Br. 473	6·2	3 30 19·69	+7·1743	+·2637	− 28	+75 29 32·4	+12·180	−·836	+ 11	10, 9	20·47, 20·49	4290
365	ψ Pers.	4·4	3 31 9·03	+4·2525	+·0430	+ 35	+47 56 40·4	+12·123	−·500	− 26	1, 1	11·78, 11·78	817
366	BD + 56° 826	6·6	3 32 25·27	+4·6989	+·0636	+ 30	+56 41 13·8	+12·034	−·553	− 30	7, 8	20·50, 20·45	4315
367	Gr. 716	5·5	3 35 37·80	+5·1898	+·0892	− 9	+62 58 31·5	+11·808	−·616	+ 21	4, 3	13·40, 13·93	826
368	Pi 3h, 104	5·7	3 36 14·51	+3·8982	+·0282	+ 19	+37 20 21·6	+11·765	−·465	− 22	5, 6	20·27, 20·25	833
369	11 Taur.	6·2	3 36 17·25	+3·5794	+·0187	+ 11	+25 5 17·2	+11·762	−·427	− 15	4, 5	13·35, 13·08	836
370	δ Pers. S	3·0	3 37 34·548	+4·2605	+·0412	+ 32*	+47 32 56·53	+11·670	−·510	−033*	12, 15	19·44, 18·68	838
371	40 Pers.	5·1	3 37 37·03	+3·7982	+·0248	+ 8	+33 43 32·2	+11·668	−·455	− 11	2, 2	20·46, 20·46	839
372	BD + 48° 984	6·3	3 38 43·02	+4·2960	+·0423	− 2	+48 17 11·7	+11·589	−·516	− 10	5, 6	21·21, 21·21	4443
373	BD + 45° 804	6·1	3 39 24·92	+4·1989	+·0382	0	+45 51 50·3	+11·539	−·505	− 25	6, 6	21·35, 21·35	4459
374	o Pers.	3·8	3 39 36·61	+3·7573	+·0232	+ 8	+32 3 7·0	+11·525	−·453	− 24	5, 3	12·91 13·65	844
375	δ Erid. F	3·7	3 39 39·236	+2·8797	+·0054	− 62*	−10 0 58·50	+11·522	−·348	+743*	3, 3	20·24, 20·24	848
376	ν Pers. S	3·9	3 40 5·472	+4·0706	+·0333	− 8*	+42 20 34·98	+11·491	−·491	+ 1*	12, 16	19·38, 19·50	847
377	17 Taur.	3·8	3 40 25·11	+3·5580	+·0177	+ 14	+23 52 43·5	+11·467	−·430	− 50	1, 1	12·86, 12·86	852
378	Gr. 733	6·5	3 40 40·70	+3·9435	+·0288	− 34	+38 26 27·9	+11·449	−·477	+ 18	5, 5	22·19, 22·19	4489
379	18 Taur.	6·0	3 40 40·99	+3·5751	+·0181	+ 12	+24 36 19·3	+11·448	−·433	− 55	3, 3	21·57, 21·57	855
380	Gr. 731	5·8	3 40 44·00	+4·1872	+·0373	+ 31	+45 26 52·7	+11·445	−·507	− 15	4, 4	22·02, 22·02	853
381	21 Taur.	6·1	3 41 26·13	+3·5696	+·0179	+ 12	+24 19 17·2	+11·394	−·433	− 41	4, 4	21·54, 21·54	861
382	BD + 55° 824	6·3	3 41 38·88	+4·6848	+·0582	+ 40	+55 41 24·5	+11·379	−·567	− 14	5, 5	21·65, 21·65	4518
383	γ Caml. S	4·7	3 42 24·726	+6·2940	+·1592	+ 60*	+71 6 11·69	+11·324	−·762	− 36*	22, 22	21·30, 20·97	858
384	Gr. 642 P	6·0	3 42 25·197	+20·6622	+3·3502	+·1666*	+86 24 46·30	+11·323	−2·491	− 71*	80, 64	20·07, 20·03	830
385	BD + 50° 825	5·7	3 42 45·96	+4·4121	+·0455	+ 19	+50 30 20·6	+11·298	−·536	− 5	4, 5	21·20, 21·58	4544
386	24 Taur.	7·4	3 42 53·30	+3·5618	+·0175	+ 14	+23 53 4·8	+11·290	−·434	− 54	1, 1	19·81, 19·81	867
387	η Taur. S	2·9	3 43 1·322	+3·5617	+·0175	+ 14*	+23 52 28·24	+11·280	−·434	− 48*	12, 12	20·33, 20·26	869
388	BD + 31° 650	6·5	3 43 6·33	+3·7623	+·0228	− 22	+31 57 53·8	+11·274	−·458	− 47	4, 4	22·67, 22·67	4546
389	BD + 56° 846	6·5	3 43 20·15	+4·7682	+·0613	+ 26	+56 53 20·5	+11·257	−·580	− 25	4, 3	22·47, 22·94	4562
390	Gr. 740	6·0	3 43 57·24	+4·1325	+·0344	+ 4	+43 43 59·2	+11·212	−·504	+ 22	5, 5	21·58, 21·58	4572
391	BD + 68° 286	6·3	3 44 18·85	+5·8565	+·1243	+ 38	+68 16 50·1	+11·186	−·713	− 11	6, 8	22·41, 22·34	4604
392	η Pers.	5·3	3 44 47·92	+3·7901	+·0233	− 32	+32 51 45·7	+11·151	−·463	− 13	5, 4	14·97, 15·77	878
393	Gr. 743	5·9	3 44 50·69	+4·1733	+·0356	− 15	+44 44 24·9	+11·148	−·510	− 33	3, 3	20·26, 20·26	876
394	Pi 3h, 163	7·2	3 45 16·26	+3·5559	+·0171	+ 13	+23 29 4·9	+11·116	−·436	− 48	6, 7	21·56, 21·62	4603
395	Pi 3h, 166	5·9	3 45 30·27	+3·5228	+·0163	+ 13	+22 1 3·1	+11·100	−·432	− 37	4, 6	21·49, 21·17	4610
396	Pi, 3h, 170	5·5	3 45 48·15	+3·6006	+·0182	+ 29	+25 21 16·3	+11·078	−·442	−108	3, 3	21·05, 21·05	883
397	BD + 33° 728	6·0	3 47 5·72	+3·8306	+·0241	+ 9	+34 8 2·7	+10·983	−·472	0	2, 3	12·90, 12·61	886
398	BD + 30° 585	6·5	3 47 23·14	+3·7436	+·0216	− 17	+30 56 41·1	+10·962	−·462	− 45	5, 5	20·76, 20·76	4654
399	ζ Pers. S	2·8	3 49 24·782	+3·7667	+·0219	+ 10*	+31 39 44·12	+10·813	−·467	− 17*	15, 17	17·20, 17·34	894
400	Pi 3h, 186	5·5	3 50 33·56	+4·3113	+·0389	+ 31	+47 39 9·7	+10·728	−·537	− 24	2, 2	20·79, 20·79	898

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
401	χ Cygn	6–7	3	50	41·50	+3·7466	+·0212	− 7	+30	49	34·8	+10·719	−·466	− 7	5, 5	20·59, 20·59	4720
402	Pi 3h, 194	5·6	3	51	38·40	+3·8615	+·0241	− 14	+34	51	46·6	+10·649	−·481	− 10	4, 4	20·67, 20·67	904
403	33 Taur	6·3	3	52	36·74	+3·5537	+·0162	+ 21	+22	57	31·9	+10·577	−·445	− 13	2, 2	21·50, 21·50	909
404	ε Pers S	2·9	3	52	48·877	+4·0189	+·0284	+ 23*	+39	47	40·88	+10·562	−·502	− 29*	11, 13	17·12, 16·24	910
405	BD + 24° 599	6·6	3	52	57·12	+3·5845	+·0169	+ 3	+24	14	44·3	+10·551	−·449	− 11	5, 6	20·82, 20·68	4757
406	Gr. 767	6·5	3	53	29·45	+3·9820	+·0271	+ 36	+38	37	34·1	+10·511	−·499	− 41	7, 7	17·29, 17·70	4770
407	ξ Pers S	4·1	3	54	5·598	+3·8881	+·0244	+ 11*	+35	34	36·34	+10·466	−·488	− 12*	13, 13	19·00, 19·96	913
408	γ Erid F	3·1	3	54	31·751	+2·7942	+·0046	+ 46*	−13	43	15·22	+10·434	−·352	−112*	9, 21	19·38, 20·88	915
409	Gr. 769	6·8	3	54	40·42	+3·9842	+·0270	− 2	+38	36	26·7	+10·423	−·501	0	5, 5	20·01, 20·01	4784
410	λ Taur F	Var.	3	56	31·349	+3·3224	+·0114	− 4*	+12	16	46·71	+10·285	−·420	− 14*	11, 30	19·43, 19·96	920
411	Pi 3h, 208	5·2	3	58	11·35	+4·9862	+·0632	+ 1	+58	56	55·7	+10·159	−·631	+ 7	2, 2	16·46, 16·56	924
412	BD + 68° 303	6·1	3	58	30·07	+5·9957	+·1174	+ 24	+68	28	28·7	+10·136	−·758	+ 12	5, 5	21·40, 21·40	4874
413	ν Taur F	4·0	3	59	9·867	+3·1897	+·0091	+ 1*	+ 5	46	56·64	+10·086	−·406	− 7*	16, 33	20·12, 20·28	932
414	Gr. 773	6·1	3	59	36·83	+5·5885	+·0924	+ 56	+65	19	2·9	+10·052	−·709	− 16	5, 5	21·42, 21·42	4903
415	37 Taur	4·5	4	0	15·40	+3·5378	+·0151	+ 67	+21	52	42·1	+10·003	−·451	− 64	1, 2	12·86, 12·32	936
416	BD + 17° 676	6·8	4	0	21·87	+3·4339	+·0131	− 19	+17	18	45·1	+ 9·995	−·438	+ 12	6, 6	20·55, 20·55	4900
417	BD + 53° 732	6·5	4	0	45·43	+4·6575	+·0480	+ 68	+53	48	28·2	+ 9·965	−·593	− 98	5, 5	21·86, 21·86	4922
418	ψ Taur	5·3	4	2	22·06	+3·7128	+·0186	− 62	+28	47	59·5	+ 9·843	−·476	+ 3	3, 2	13·19, 13·88	944
419	Gr. 778	5·8	4	3	5·62	+5·0692	+·0639	+ 6	+59	42	33·8	+ 9·787	−·649	− 3	5, 4	20·62, 20·50	4972
420	o Pers S	4·0	4	3	12·542	+4·3465	+·0360	+ 32*	+47	30	49·91	+ 9·778	−·557	− 30*	12, 14	18·90, 17·91	947
421	BD + 54° 740	6·5	4	3	26·40	+4·7171	+·0491	+100	+54	37	56·1	+ 9·761	−·605	− 92	5, 6	20·94, 20·77	4977
422	Pi 3h, 254	6·3	4	4	50·11	+3·3475	+·0112	+ 10	+13	12	2·5	+ 9·654	−·432	− 25	2, 2	20·44, 20·44	953
423	BD + 71° 239	6·2	4	5	20·38	+6·6674	+·1524	+ 38	+71	56	0·2	+ 9·615	−·857	− 22	10, 10	19·92, 19·92	5029
424	BD + 68° 310	6·4	4	5	17·68	+6,0200	+·1112	− 74	+68	18	24·0	+ 9·619	−·774	+ 30	5, 7	21·13, 21·25	5022
425	Pi 3h, 255	6·0	4	6	9·89	+3·8473	+·0211	+ 2	+33	23	31·1	+ 9·552	−·497	− 16	4, 5	20·81, 20·62	5018
426	o¹ Erid F	4·2	4	8	12·187	+2·9272	+·0057	+ 6*	− 7	1	55·56	+ 9·395	−·381	+ 81*	6, 10	20·77, 21·90	963
427	Pi 4h, 6	6·2	4	8	24·24	+3·5553	+·0145	− 1	+22	13	19·1	+ 9·380	−·462	− 10	5, 5	20·76, 20·71	5066
428	BD + 57° 785	6·0	4	8	51·85	+4·9122	+·0540	+ 3	+57	16	14·8	+ 9·344	−·638	− 10	6, 7	21·38, 21·34	5091
429	BD + 66° 316	6·9	4	10	28·67	+5·8554	+·0965	+ 60	+66	54	11·8	+ 9·218	−·762	− 11	5, 6	21·86, 21·74	5136
430	Pi 4h, 7	5·3	4	10	51·55	+4·6734	+·0441	− 1	+53	25	30·8	+ 9·189	−·610	− 4	3, 3	19·94, 19·94	974
431	Gr. 750 P	6·8	4	12	24·132	+17·7448	+1·7558	+160*	+85	21	23·13	+ 9·069	−2·311	+ 32*	137, 110	17·55, 17·35	958
432	Gr. 804	6·4	4	12	56·20	+4·1455	+·0272	+ 30	+41	57	29·5	+ 9·027	−·543	− 34	5, 5	20·59, 20·59	5177
433	Gr. 803	5·7	4	13	34·94	+4·4901	+·0369	+ 71	+49	52	3·4	+ 8·977	−·588	− 51	3, 4	22·38, 22·07	990
434	Pi 4h, 10	5·6	4	13	36·08	+5·6304	+·0822	− 34	+64	57	33·6	+ 8·975	−·737	0	2, 2	19·96, 19·96	988
435	b² Pers	5·6	4	14	30·13	+4·5377	+·0382	+ 15	+50	44	25·3	+ 8·904	−·597	+ 3	4, 5	22·36, 22·31	992
436	Pi 4h, 31	6·6	4	15	3·18	+4·1381	+·0264	+ 13	+41	37	42·4	+ 8·861	−·545	− 26	5, 5	21·89, 21·89	5220
437	56 Taur	5·6	4	15	10·10	+3·5473	+·0136	+ 26	+21	35	37·1	+ 8·852	−·468	− 46	2, 2	21·62, 21·62	998
438	BD + 31 757	6·3	4	15	23·24	+3·8158	+·0188	+ 5	+31	46	24·4	+ 8·835	−·503	+ 10	5, 5	21·84, 21·84	5227
439	γ Taur F	3·8	4	15	31·382	+3·4044	+·0113	+ 81*	+15	26	51·42	+ 8·824	−·449	− 27*	5, 7	20·38, 19·59	1000
440	54 Pers	5·2	4	15	32·18	+3·8939	+·0204	− 25	+34	23	13·4	+ 8·823	−·513	− 15	5, 5	11·23, 11·41	999
441	B.A.C. 1318	5·9	4	15	44·92	+4·8747	+·0490	− 13	+56	19	39·7	+ 8·807	−·642	+ 15	5, 6	22·06, 21·91	5253
442	d Pers	4·9	4	16	7·31	+4·3309	+·0313	+ 23	+46	19	16·7	+ 8·777	−·572	− 38	2, 2	13·39, 13·39	1003
443	BD + 59° 793	6·0	4	16	32·74	+5·1093	+·0574	+ 46	+59	26	25·3	+ 8·744	−·674	− 36	5, 6	21·03, 21·05	5276
444	Pi 4h, 53	6·3	4	17	57·87	+3·5273	+·0130	+ 7	+20	38	43·1	+ 8·632	−·468	− 5	4, 4	21·28, 21·28	1014
445	Pi 4h, 46	6·5	4	18	22·23	+4·1694	+·0264	+ 25	+42	15	14·0	+ 8·600	−·553	− 32	5, 6	21·04, 21·05	5305
446	δ Taur F	4·0	4	18	36·398	+3·4505	+·0117	+ 77*	+17	22	4·30	+ 8·582	−·458	− 33*	15, 25	20·33, 20·08	1017
447	BD + 20° 751	5·9	4	19	7·02	+3·5322	+·0130	+ 14	+20	48	30·7	+ 8·541	−·469	− 29	4, 5	21·04, 21·06	5317
448	56 Pers	6·1	4	19	45·44	+3·8829	+·0195	+ 35	+33	47	18·3	+ 8·490	−·517	− 82	3, 3	21·01, 21·01	1021
449	64 Taur	5·0	4	19	46·04	+3·4492	+·0115	+ 82	+17	16	17·0	+ 8·489	−·459	− 41	1, 1	11·78, 11·78	1022
450	BD + 57° 800	6·3	4	20	46·61	+4·9707	+·0498	+ 18	+57	24	56·0	+ 8·410	−·661	− 18	5, 5	20·99, 20·99	5358

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
451	κ^2 Taur	5·5	4	20	56·68	+3·5638	+·0133	+ 84	+22	1	47·7	+ 8·396	−·475	− 60	3, 3	20·26, 20·25	1027
452	68 Taur	4·4	4	21	8·72	+3·4616	+·0116	+ 75	+17	45	27·9	+ 8·380	−·462	− 25	1, 1	11·77, 11·77	1029
453	Pi 4h, 69	5·4	4	21	19·54	+3·8103	+·0177	+ 64	+31	16	17·0	+ 8·366	−·508	−120	2, 2	11·06, 11·06	1030
454	70 Taur	6·8	4	21	20·26	+3·4157	+·0109	+ 77	+15	46	15·1	+ 8·365	−·456	− 29	3, 4	21·44, 21·10	1031
455	69 Taur	4·4	4	21	48·99	+3·5799	+·0134	+ 81	+22	38	42·9	+ 8·328	−·478	− 52	1, 1	12·86, 12·86	1033
456	71 Taur	4·7	4	22	4·16	+3·4089	+·0108	+ 79	+15	26	57·4	+ 8·307	−·456	− 27	3, 3	21·02, 21·02	1034
457	BD + 30° 665	6·2	4	24	7·63	+3·7834	+·0167	+ 11	+30	11	47·0	+ 8·143	−·507	− 23	5, 5	20·84, 20·84	5431
458	ϵ Taur F	3·6	4	24	14·060	+3·4937	+·0118	+ 80*	+19	0	55·52	+ 8·134	−·469	− 38*	9, 21	20·33, 19·86	1044
459	Gr. 828	6·0	4	24	47·29	+6·9199	+·1379	+ 77	+72	22	9·8	+ 8·090	−·926	− 79	10, 14	20·74, 20·83	5478
460	Pi 4h, 67	6·9	4	25	32·60	+6·0245	+·0896	+ 28	+67	28	15·8	+ 8·029	−·808	− 6	5, 7	21·21, 21·33	5492
461	BD + 32° 806	6·5	4	25	49·30	+3·8471	+·0176	+ 0	+32	17	43·5	+ 8·007	−·518	− 12	6, 6	19·41, 21·08	5472
462	1 Caml	6·0	4	26	4·93	+4·7444	+·0398	+ 7	+53	44	57·3	+ 7·986	−·638	− 5	1, 3	15·07, 13·05	1050
463	Br. 616	7·0	4	28	4·63	+4·2150	+·0250	+ 17	+42	52	28·6	+ 7·826	−·570	− 73	3, 4	20·66, 20·61	1060
464	m Pers	6·4	4	28	7·95	+4·2164	+·0249	+ 6	+42	54	18·8	+ 7·821	−·569	+ 1	2, 2	20·50, 20·50	1061
465	Pi 4h, 111	6·0	4	29	56·19	+3·7516	+·0152	+ 4	+28	48	20·3	+ 7·676	−·509	− 22	3, 3	21·05, 21·05	1068
466	α Taur F	0·9	4	31	36·883	+3·4363	+·0103	+ 48*	+16	21	34·89	+ 7·540	−·467	−191*	10, 33	21·26, 19·57	1077
467	BD + 23° 715	6·0	4	31	57·93	+3·6035	+·0126	+ 84	+23	11	22·0	+ 7·512	−·490	− 55	5, 4	20·42, 19·74	5611
468	3 Caml	5·4	4	33	59·86	+4·7187	+·0356	+ 12	+52	55	54·4	+ 7·347	−·643	− 18	3, 2	21·05, 21·02	1082
469	BD + 24° 674	6·8	4	34	48·54	+3·6552	+·0130	+ 16	+25	4	14·6	+ 7·281	−·500	− 4	6, 6	20·02, 20·02	5663
470	Gr. 860	5·9	4	35	48·04	+4·4656	+·0284	+ 40	+48	9	24·1	+ 7·199	−·610	− 34	4, 4	20·00, 20·00	1093
471	BD + 37° 954	6·3	4	36	44·00	+4·0536	+·0194	+204	+38	8	18·2	+ 7·124	−·555	− 98	6, 5	17·58, 18·88	5701
472	59 Pers	5·4	4	37	34·69	+4·2484	+·0231	+ 41	+43	13	26·0	+ 7·054	−·583	+ 50	4, 3	12·35, 12·73	1103
473	Gr. 866	6·0	4	37	39·19	+4·5548	+·0299	+ 4	+49	49	55·5	+ 7·048	−·625	− 27	2, 2	19·98, 19·98	1102
474	τ Taur S	4·3	4	37	44·465	+3·5991	+·0118	+ 4*	+22	48	51·86	+ 7·041	−·494	− 22*	11, 12	20·36, 21·43	1107
475	95 Taur	6·4	4	38	41·19	+3·6293	+·0121	+ 10	+23	56	53·5	+ 6·963	−·500	− 28	2, 2	20·47, 20·47	1109
476	Pi 4h, 112 S	6·1	4	38	42·618	+8·0280	+·1773	+114*	+75	48	27·51	+ 6·962	−1·101	−131*	24, 29	19·07, 19·07	1100
477	BD + 40° 1032	5·9	4	39	1·17	+4·1492	+·0207	+ 6	+40	38	49·4	+ 6·936	−·570	− 8	5, 5	19·00, 19·00	5752
478	Br. 654	7·3	4	41	10·60	+3·6196	+·0117	+ 8	+23	29	29·5	+ 6·759	−·500	− 16	6, 6	20·70, 20·67	5791
479	BD + 40° 1045	6·9	4	41	33·69	+4·1357	+·0198	+ 3	+40	10	39·7	+ 6·727	−·571	− 30	5, 6	21·30, 21·27	5803
480	4 Caml S	5·4	4	41	44·896	+4·9843	+·0392	+ 64*	+56	37	33·19	+ 6·712	−·687	−148*	10, 10	18·32, 18·32	1117
481	μ Erid F	4·2	4	41	45·072	+2·9983	+·0054	+ 13*	− 3	23	27·45	+ 6·712	−·415	− 10*	8, 22	20·44, 19·68	1123
482	BD + 31° 816	5·9	4	44	24·17	+3·8417	+·0144	+ 17	+31	18	31·1	+ 6·493	−·533	−113	2 ,2	11·06, 11·06	1129
483	Pi 4h, 185	6·0	4	44	27·75	+3·8770	+·0149	+ 18	+32	27	29·0	+ 6·488	−·538	− 33	5, 6	20·02, 19·69	5856
484	1 Auri	5·2	4	44	51·53	+4·0386	+·0174	− 29	+37	21	26·0	+ 6·455	−·559	+ 29	5, 3	12·96, 13·96	1133
485	Pi 4h, 170	5·9	4	45	3·41	+5·5977	+·0553	+ 83	+63	22	46·0	+ 6·438	−·776	− 96	3, 2	18·74, 17·58	1128
486	Pi 4h, 184	6·0	4	45	30·66	+4·5099	+·0262	+ 31	+48	36	47·0	+ 6·401	−·624	− 52	5, 5	20·63, 20·63	1134
487	α Caml S	4·3	4	46	34·871	+5·9508	+·0658	+ 12*	+66	13	3·04	+ 6·312	−·826	+ 5*	14, 16	18·76, 18·61	1139
488	Br. 661	7·2	4	47	18·70	+4·0129	+·0164	+ 55	+36	31	1·1	+ 6·251	−·558	− 36	3, 3	20·12, 20·12	1144
489	2 Auri	5·0	4	47	36·56	+4·0153	+·0163	− 11	+36	34	40·4	+ 6·226	−·559	− 22	3, 1	11·35, 11·14	1148
490	Pi 4h, 211	5·9	4	48	5·87	+3·7422	+·0124	+ 39	+27	46	24·4	+ 6·186	−·522	− 32	7, 7	20·92, 20·92	5940
491	4 Orio	5·1	4	48	17·29	+3·3928	+·0083	0	+14	7	37·0	+ 6·170	−·473	− 59	3, 3	21·36, 21·36	1149
492	5 Orio	5·8	4	49	27·94	+3·1259	+·0059	+ 19	+ 2	23	7·8	+ 6·072	−·437	− 20	1, 1	15·07, 15·07	1154
493	Gr. 894	6·1	4	49	27·98	+4·3000	+·0208	+ 29	+43	56	25·0	+ 6·072	−·600	− 55	6, 4	21·25, 20·58	5969
494	π^5 Orio F	3·8	4	50	20·578	+3·1244	+·0060	− 2*	+ 2	19	9·0	+ 5·999	−·437	− 3*	16, 29	20·53, 19·37	1159
495	BD + 35° 930	6·9	4	51	19·51	+4·0022	+·0154	− 12	+36	2	59·2	+ 5·917	−·560	+ 11	5, 4	18·63, 20·51	6011
496	ι Auri S	2·8	4	52	6·398	+3·9044	+·0139	+ 7*	+33	2	55·42	+ 5·852	−·546	− 27*	9, 8	15·59, 16·08	1167
497	Br. 686	5·9	4	53	2·32	+3·4650	+·0086	+ 5	+17	2	13·9	+ 5·774	−·486	− 19	2, 2	21·10, 21·10	1174
498	99 Taur	6·1	4	53	15·50	+3·6383	+·0104	+ 4	+23	49	58·6	+ 5,755	−·510	− 25	3, 3	20·01, 20·01	1175
499	ω Auri	5·1	4	54	9·72	+4·0661	+·0158	+ 42	+37	46	42·8	+ 5·679	−·571	−104	2, 3	21·58, 21·11	1178
500	BD + 60° 853	6·7	4	54	50·86	+5·3843	+·0422	+ 21	+60	58	14·1	+ 5·622	−·756	−174	6, 7	21·94, 21·83	6088

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
501	Pi 4h, 204	6·8	4	54	50·93	+7·4468	+·1134	+ 62	+73	39	19·3	+ 5,622	−1·044	− 14	8, 10	21·08, 21·13	6111
502	Pi 4h, 207	6·0		55	11·14	+7·5360	+·1167	+ 44	+73	57	32·7	+ 5·595	−1·057	− 15	11, 10	20·36, 21·14	6121
503	ε Auri S	3·4		56	34·974	+4·3018	+·0188	+ 5*	+43	42	50·25	+ 5·476	− ·605	− 13*	10, 10	19·22, 19·22	1187
504	β Caml S	4·2		56	44·290	+5·3301	+·0396	+ 3*	+60	20	4·54	+ 5,463	− ·750	− 13*	10, 11	21·58, 21·54	1185
505	Gr. 915	6·8		58	2·75	+4·2055	+·0169	+ 5	+41	20	5·5	+ 5·353	− ·593	− 5	5, 5	20·72, 20·72	6153
506	Gr. 904	6·8	4	58	3·91	+6·4047	+·0691	+ 6	+68	52	6·9	+ 5·351	− ·902	− 15	5, 5	21·67, 21·67	6173
507	ι Tauri S	4·8		58	36·628	+3·5800	+·0091	+ 48*	+21	29	3·11	+ 5·305	− ·506	− 47*	12, 13	21·55, 21·68	1194
508	BD + 60° 857	6·3		59	42·58	+5,4073	+·0395	+ 59	+61	4	8·0	+ 5·212	− ·763	− 73	5, 5	20·64, 20·64	6202
509	Pi 4h, 282	6·6		59	53·31	+3·5727	+·0089	+ 17	+21	10	26·7	+ 5·197	− ·505	− 16	6, 5	21·28, 21·12	6183
510	η Auri S	3·2	5	1	15·108	+4·2018	+·0160	+ 27*	+41	8	4·48	+ 5·082	− ·595	− 75*	15, 14	17·15, 17·54	1204
511	Pi 4h, 284	7·0		1	27·99	+4·2817	+·0172	+ 8	+43	4	26·3	+ 5·064	− ·606	− 1	5, 5	20·21, 20·21	6230
512	l Tauri	5·4		3	21·96	+3·5526	+·0083	− 30	+20	19	15·4	+ 4·903	− ·504	− 50	3, 3	21·05, 21·05	1214
513	103 Tauri	5·7		3	32·29	+3·6543	+·0092	+ 2	+24	10	1·5	+ 4·888	− ·519	− 11	3, 3	20·78, 20·78	1216
514	β Erid F	2·8		4	9·699	+2·9552	+·0044	− 59*	− 5	10	55·95	+ 4·836	− ·420	− 79*	11, 32	20·59, 20·04	1220
515	107 Tauri	6·8		4	24·80	+3·5389	+·0080	+ 3	+19	45	49·9	+ 4·814	− ·503	− 18	2, 2	21·58, 21·58	1221
516	BD + 27° 732	6·0	5	5	2·39	+3·7612	+·0100	+ 47	+27	56	12·6	+ 4·761	− ·535	− 70	5, 5	20·37, 20·37	6301
517	BD + 61° 766	6·2		6	9·99	+5·4924	+·0371	+ 23	+61	45	31·8	+ 4·665	− ·781	+ 7	7, 6	21·11, 21·27	6345
518	Pi 5h, 1	5·4		7	23·02	+3·4448	+·0070	+ 2	+15	57	15·8	+ 4·561	− ·491	+ 2	3, 4	20·75, 18·57	1234
519	μ Auri	4·9		8	17·61	+4·1050	+·0131	− 15	+38	23	50·1	+ 4·484	− ·585	− 74	9, 9	11·97, 12·41	1236
520	BD + 59° 857	6·6		8	35·18	+5·2687	+·0309	+ 22	+59	19	8·3	+ 4·459	− ·751	− 14	5, 5	20·21, 20·21	6385
521	Pi 4h, 315	6·2	5	8	42·92	+4·8099	+·0228	+ 19	+53	7	35·9	+ 4·448	− ·686	0	7, 6	21·05, 21·21	6383
522	19H Caml S	5·2		10	9·836	+9·8810	+·1842	−275*	+79	8	55·40	+ 4·324	−1·408	+156*	25, 26	18·98, 19·04	1235
523	14 Auri	5·2		10	31·21	+3·9077	+·0105	− 10	+32	36	8·0	+ 4·294	− ·558	+ 9	3, 4	16·76, 15·60	1244
524	12 Auri	7·2		10	53·62	+4·4407	+·0166	+ 9	+46	19	56·3	+ 4·262	− ·635	− 8	3, 3	19·92, 19·92	1245
525	β Orio F	0·0		10	55·983	+2·8826	+·0038	+ 1*	− 8	17	13·73	+ 4·259	− ·412	− 1*	5, 13	21·06, 19·23	1250
526	α Auri S	0·0	5	11	8·721	+4·4217	+·0162	+ 81*	+45	55	24·31	+ 4·241	− ·632	−429*	11, 10	20·46, 21·40	1246
527	BD + 34° 980	6·0		11	20·74	+3·9615	+·0110	+ 4	+34	13	39·8	+ 4·224	− ·566	+ 29	2, 2	21·63, 21·63	1249
528	15 Caml	6·4		12	59·44	+5·1697	+·0265	+ 28	+58	2	19·1	+ 4·082	− ·740	− 27	3, 3	21·39, 21·39	1253
529	16 Auri	4·7		13	15·14	+3·9323	+·0103	+ 55	+33	17	43·2	+ 4·060	− ·563	−176	2, 2	11·06, 11·06	1258
530	BD + 62° 742	6·0		13	22·15	+5·5950	+·0341	+ 37	+62	34	31·9	+ 4·050	− ·801	− 21	4, 3	16·54, 17·05	1255
531	17 Auri	6·5	5	13	22·61	+3·9453	+·0104	+ 13	+33	41	16·8	+ 4·050	− ·565	− 33	5, 6	21·30, 21·42	6476
532	Br. 728	6·7		13	26·00	+4·1862	+·0128	+ 18	+40	23	8·5	+ 4·045	− ·599	− 17	5, 5	19·33, 19·33	6481
533	τ Orio F	3·7		13	57·835	+2·9138	+·0038	− 11*	− 6	55	26·87	+ 3·999	− ·418	− 7*	6, 18	21·04, 18·76	1262
534	Gr. 955	7·0		14	35·39	+4·3535	+·0144	+ 7	+44	20	54·7	+ 3·946	− ·624	− 12	5, 5	20·88, 20·88	6508
535	Pi 5h, 42	5·8		16	26·35	+3·8151	+·0086	+ 2	+29	29	43·2	+ 3·787	− ·548	+ 1	6, 6	21·08, 21·08	1275
536	ρ Auri	5·3	5	16	29·72	+4·2433	+·0126	+ 23	+41	43	52·8	+ 3·782	− ·609	− 37	2, 4	14·52, 13·72	1274
537	BD + 40° 1	5·7		17	34·19	+4·2129	+·0121	− 3	+40	57	24·2	+ 3·690	− ·605	+ 2	1, 1	11·17, 11·17	1280
538	σ Auri	5·3		19	33·15	+4·0756	+·0103	− 1	+37	19	0·5	+ 3 519	− ·586	− 27	2, 3	13·08, 14·07	1292
539	Pi 5h, 62	6·4		19	48·24	+3·8683	+·0085	− 30	+31	9	20·4	+ 3·498	− ·557	− 11	5, 6	19·97, 20·15	6642
540	Pi 5h, 63	6·1		19	48·36	+3·8658	+·0085	− 9	+31	4	29·3	+ 3·497	− ·556	− 9	6, 4	20·57, 20·32	1293
541	γ Orio F	1·6	5	21	6·460	+3·2178	+·0046	− 5*	+ 6	16	59·04	+ 3·385	− ·464	− 19*	6, 28	20·78, 19·31	1303
542	β Taur S	1·6		21	32·984	+3·7895	+·0077	+ 24*	+28	32	43·50	+ 3·347	− ·546	−177*	11, 10	17·57, 18·22	1304
543	Br. 755	6·6		21	50·57	+3·9727	+·0090	+ 9	+34	19	37·9	+ 3·322	− ·573	− 14	5, 7	21·32, 21·39	6689
544	BD + 35° 1102	6		21	53·47	+4·0091	+·0092	− 13	+35	23	24·4	+ 3·318	− ·578	− 11	5, 5	19·32, 19·32	6691
545	BD + 33° 1045	5		21	55·83	+3·9351	+·0086	+ 14	+33	11	52·7	+ 3·314	− ·567	− 3	5, 6	21·33, 21·47	6693
546	BD + 30° 898	5·9	5	22	20·22	+3·8384	+·0078	0	+30	8	40·8	+ 3·280	− ·553	− 19	1, 1	11·06, 11·06	1310
547	115 Taur	5·6		22	47·46	+3·4987	+·0057	+ 6	+17	53	57·0	+ 3·240	− ·505	− 14	3, 3	21·10, 21·10	1313
548	Pi 5h, 99	7·0		24	54·64	+3·8087	+·0072	+ 20	+29	7	41·5	+ 3·057	− ·550	− 56	8, 8	20·28, 20·28	6772
549	BD + 41° 1206	7·0		25	30·49	+4·2378	+·0102	− 14	+41	24	17·7	+ 3·005	− ·612	− 42	7, 7	19·01, 17·75	6797
550	χ Auri	4·9		27	50·66	+3·9041	+·0074	+ 5	+32	8	16·2	+ 2·803	− ·565	− 16	4, 3	11·08, 13·33	1333

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
551	Bruss. 2152	6·8	5 27 53·27	+3·4774	+·0051	− 4	+17 0 5·6	+ 2·799	− ·503	+ 7	2, 1	21·07, 22·06	1337
552	δ Orio F	2·2	28 10·455	+3·0646	+·0036	+ 1*	− 0 21 12·09	+ 2·775	− ·444	− 3*	7, 25	21·51, 18·65	1339
553	120 Taur	5·8	29 7·72	+3·5156	+·0051	+ 7	+18 29 17·0	+ 2·692	− ·510	− 6	2, 2	21·15, 21·15	1345
554	Pi 5h, 125	6·1	29 11·27	+3·5659	+·0053	0	+20 25 20·9	+ 2·687	− ·516	− 13	5, 5	21·45, 21·45	6881
555	BD + 66° 401	6·2	29 34·91	+6·1409	+·0297	− 10	+66 38 54·8	+ 2·562	− ·888	− 29	7, 6	21·40, 21·46	6909
556	Gr. 966 S	6·5	5 29 41·042	+8·0155	+·0634	− 9*	+74 59 50·44	+ 2·644	−1·159	+ 19*	20, 23	20·00, 19·75	1334
557	Pi 5h, 117	6·0	30 25·64	+4·9226	+·0146	+ 8	+54 22 50·6	+ 2·579	− ·713	− 1	4, 6	20·81, 19·75	1348
558	Pi 5h, 136	7·1	31 13·03	+3·7664	+·0060	− 16	+27 36 53·9	+ 2·511	− ·546	− 40	5, 5	20·09, 20·09	6930
559	Gr. 991	6·2	31 37·85	+4·1909	+·0083	+ 1	+40 8 8·1	+ 2·475	− ·607	− 12	4, 5	20·31, 20·46	6952
560	ε Orio F	1·6	32 24·453	+3·0439	+·0034	0*	− 1 14 54·60	+ 2·408	− ·442	− 2*	1, 10	19·86, 20·29	1370
561	BD + 33° 1102	6·8	5 32 49·17	+3·9515	+·0067	+ 6	+33 30 51·0	+ 2·372	− ·573	− 3	5, 4	19·09, 21·08	6979
562	ζ Taur S	3·0	33 9·673	+3·5848	+·0050	+ 2*	+21 5 53·47	+ 2·342	− ·520	− 28*	10, 10	21·58, 21·58	1375
563	B.A.C. 1772	6·0	34 32·11	+3·8142	+·0057	+ 12	+29 10 24·8	+ 2·223	− ·554	− 5	5, 6	21·09, 21·25	7026
564	BD + 31° 1048	6·4	35 44·70	+3·8813	+·0058	+ 13	+31 19 7·3	+ 2·117	− ·564	− 8	5, 6	19·11, 19·60	7066
565	BD + 31° 1049	6·6	35 49·44	+3·8993	+·0059	+ 11	+31 52 52·6	+ 2·111	− ·566	+ 4	5, 5	20·87, 20·87	7072
566	Pi 5h, 184	6·8	5 37 31·87	+3·6270	+·0045	− 4	+22 37 27·0	+ 1·962	− ·527	− 22	5, 5	21·39, 21·39	7113
567	Gr. 944 P	6·5	37 43·235	+18·7899	+·3810	+160*	+85 9 46·70	+ 1·945	−2·728	+ 4*	173, 132	17·86, 17·12	1360
568	Pi 5h, 192	6·1	38 46·19	+3·6423	+·0044	+ 3	+23 10 12·9	+ 1·854	− ·529	− 23	5, 6	20·87, 20·76	7148
569	o Auri	5·7	40 5·34	+4·6479	+·0085	− 3	+49 47 43·2	+ 1·739	− ·676	− 8	6, 5	13·59, 14·10	1411
570	28 Caml	7·1	5 40 30·62	+5·1149	+·0111	+ 43	+56 53 41·5	+ 1·702	− ·743	− 28	2, 2	20·02, 20·02	1412
571	Gr. 1018	6·8	41 52·44	+4·2935	+·0063	+ 17	+42 30 2·2	+ 1·584	− ·625	− 86	6, 5	20·70, 20·85	7221
572	BD + 62° 784	6·0	41 59·78	+5·6631	+·0140	− 3	+62 46 56·2	+ 1·573	− ·824	− 9	5, 5	21·44, 21·44	7236
573	129 Taur	6·1	42 26·63	+3·4497	+·0035	+ 7	+15 47 41·3	+ 1·534	− ·502	+ 10	2, 2	21·11, 21·11	1422
574	τ Auri	4·6	43 58·59	+4·1584	+·0052	− 21	+39 9 24·6	+ 1·401	− ·604	− 26	1, 1	11·10, 12·03	1429
575	κ Orio F	2·1	44 11·931	+2·8450	+·0026	+ 2*	− 9 41 42·58	+ 1·381	− ·414	− 5*	5, 17	19·52, 19·34	1435
576	B.A.C. 1813	6·4	5 44 51·30	+6·4495	+·0173	+ 32	+68 27 8·4	+ 1·324	− ·939	− 40	5, 8	21·51, 21·48	7319
577	Gr. 1024	6·7	44 58·57	+4·7488	+·0071	+181	+51 29 36·5	+ 1·313	− ·691	− 40	6, 5	21·60, 21·73	7308
578	30 Caml	6·5	45 40·43	+5·2876	+·0093	+ 14	+58 56 40·3	+ 1·253	− ·770	− 23	5, 5	21·73, 21·73	7327
579	ν Auri	5·1	45 55·44	+4·0884	+·0047	+ 30	+37 17 8·7	+ 1·229	− ·596	− 38	1, 2	11·14, 12·58	1439
580	Pi 5h, 236	5·8	46 14·53	+3·7804	+·0037	− 7	+27 56 48·7	+ 1·203	− ·551	0	2, 3	22·11, 21·46	1444
581	ν Auri	4·2	5 46 17·50	+4·1579	+·0046	− 4	+39 7 41·1	+ 1·198	− ·605	+ 6	9, 9	11·10, 11·10	1442
582	Pi 5h, 237	6·6	46 32·37	+3·9098	+·0040	− 4	+32 6 16·4	+ 1·176	− ·570	+ 4	6, 5	19·11, 20·70	7338
583	Pi 5h, 243	6·5	47 42·21	+3·9695	+·0039	+ 9	+33 53 57·8	+ 1·075	− ·578	+ 3	6, 6	19·57, 19·67	7369
584	54 Orio	4·6	49 56·60	+3·5656	+·0029	−132	+20 15 50·3	+ 0·879	− ·519	− 94	1, 1	12·09, 12·09	1461
585	BD + 66° 413	6·6	49 57·89	+6·0834	+·0099	+ 73	+66 5 6·0	+ 0·877	− ·886	− 23	5, 4	17·66, 19·05	7452
586	Pi 5h, 256	6·2	5 50 6·93	+3·8971	+·0033	− 29	+31 41 31·3	+ 0·864	− ·568	−179	6, 6	15·75, 15·80	7426
587	α Orio F	Var.	51 6·673	+3·2461	+·0025	+ 19*	+ 7 23 39·70	+ 0·777	− ·473	+ 8*	12, 32	19·92, 19·59	1468
588	BD + 49° 1423	7·0	51 18·79	+4·6100	+·0043	+ 22	+49 1 9·5	+ 0·760	− ·672	− 20	5, 5	21·50, 21·50	7470
589	BD + 24, 1033	6·0	52 20·51	+3·6742	+·0027	+ 5	+24 14 23·9	+ 0·670	− ·536	− 2	5, 5	20·87, 20·87	7483
590	δ Auri S	3·8	53 21·086	+4·9304	+·0041	+ 98*	+54 16 50·80	+ 0·581	− ·718	−126*	11, 13	20·46, 19·64	1472
591	Gr. 1046	6·0	5 53 32·20	+4·6601	+·0036	+ 1	+49 55 5·5	+ 0·565	− ·679	− 13	6, 6	20·98, 20·98	7523
592	Br. 854	7·2	53 36·70	+4·9485	+·0040	+ 18	+54 32 31·0	+ 0·559	− ·721	− 37	5, 4	21·52, 21·61	7532
593	β Auri S	1·8	54 1·598	+4·4059	+·0031	− 44*	+44 56 29·64	+ 0·522	− ·642	− 5*	12, 14	19·37, 19·85	1478
594	π Auri	4·6	54 22·07	+4·4529	+·0030	+ 8	+45 55 54·5	+ 0·493	− ·649	− 8	2, 2	13·04, 13·04	1479
595	θ Auri S	2·6	54 36·389	+4·0872	+·0026	+ 45*	+37 12 32·05	+ 0·472	− ·596	− 90*	15, 15	16·11, 16·05	1482
596	Gr. 1030	6·7	5 54 48·72	+8·2708	+·0114	+ 55	+75 35 10·1	+ 0·454	−1·206	− 16	10, 10	21·25, 21·25	7606
597	Gr. 1055	6·6	54 49·88	+4·3898	+·0028	− 27	+44 35 18·4	+ 0·452	− ·639	− 42	1, 1	11·17, 11·17	1483
598	36 Auri	5·9	55 17·21	+4·5514	+·0028	+ 18	+47 53 56·1	+ 0·412	− ·664	− 21	2, 3	16·16, 15·45	1487
599	BD + 48° 1333	6·9	55 57·38	+4·6075	+·0027	− 7	+48 57 27·3	+ 0·354	− ·672	− 8	5, 5	21·08, 21·12	7598
600	Pi 5h, 287	6·7	56 17·63	+3·7704	+·0021	+ 2	+27 34 12·3	+ 0·324	− ·550	− 5	5, 5	21·71, 21·71	7597

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
601	BD + 31° 1164	6·5	5 56 19·36	+3·8766	+·0022	+ 2	+31 1 56·2	+ 0·322	− ·565	+ 6	4, 4	21·60, 21·60	7600
602	Pi 5h, 280	6·8	5 56 58·89	+4·6600	+·0024	+ 39	+49 54 23·3	+ 0·264	− ·679	− 45	3, 4	22·13, 21·88	1493
603	Br. 865	7·3	5 57 28·23	+4·3355	+·0020	+ 21	+43 22 45·1	+ 0·221	− ·632	− 26	5, 4	19·93, 22·12	7625
604	BD + 32° 1166	6·5	5 57 59·98	+3·9288	+·0019	+ 65	+32 38 28·9	+ 0·175	− ·573	−212	7, 8	20·12, 19·12	7636
605	BD + 59° 937	6·4	5 58 28·26	+5·3321	+·0018	+ 13	+59 23 50·7	+ 0·134	− ·777	− 51	5, 7	21·92, 21·70	7667
606	39 Auri	6·2	5 59 39·87	+4·3185	+·0015	− 25	+42 59 22·0	+ 0·030	− ·629	−145	1, 1	11·17, 11·17	1506
607	BD + 35° 1334	6·4	6 1 7·66	+4·0226	+·0012	−102	+35 24 3·4	− 0·099	− ·586	−306	5, 4	18·47, 20·31	7713
608	40 Auri	5·7	6 1 24·82	+4·1355	+·0012	+ 11	+38 29 26·0	− 0·124	− ·603	− 54	2, 1	11·14, 11·18	7723
609	BD + 29° 1112	6·3	6 1 35·15	+3·8295	+·0013	+ 14	+29 31 11·4	− 0·139	− ·558	− 8	5, 6	20·09, 20·42	7725
610	Gr. 1077	6·5	6 2 6·47	+4·2702	+·0008	+ 9	+41 51 47·9	− 0·184	− ·622	− 24	4, 5	18·15, 16·75	7741
611	ν Orio F	4·4	6 3 17·367	+3·4253	+·0014	+ 6*	+14 46 43·51	− 0·288	− ·499	− 36*	12, 24	20·45, 20·78	1525
612	Pi 5h, 338	6·0	6 5 1·11	+3·6181	+·0010	− 10	+22 12 13·1	− 0·439	− ·527	− 15	5, 6	21·05, 21·22	7824
613	30 Gemi	6·0	6 5 10·71	+3·6433	+·0009	+ 11	+23 7 37·5	− 0·453	− ·531	− 13	2, 2	21·50, 21·50	7827
614	36 Caml	5·5	6 5 18·45	+6·0365	−·0042	+ 19	+65 44 8·0	− 0·464	− ·879	− 27	1, 1	15·14, 15·14	1530
615	BD + 52° 1041	6·6	6 5 44·11	+4·8242	−·0013	+ 17	+52 39 52·7	− 0·502	− ·703	− 74	5, 7	21·14, 21·01	7850
616	BD + 32° 1217	6·1	6 7 25·38	+3·9306	+·0001	+ 6	+32 42 41·4	− 0·649	− ·572	− 3	6, 7	14·08, 13·67	7888
617	68 Orio	6·0	6 7 34·81	+3·5539	+·0008	+ 4	+19 48 31·3	− 0·663	− ·517	− 14	4, 5	21·34, 21·49	1545
618	ξ Orio	4·4	6 7 40·55	+3·4114	+·0010	+ 6	+14 13 37·8	− 0·671	− ·497	− 34	1, 1	12·09, 12·09	1548
619	6 Gemi	6·5	6 7 46·27	+3·6377	+·0006	+ 17	+22 55 36·7	− 0·679	− ·530	− 14	3, 4	19·79, 19·86	1549
620	Gr. 1103	6·3	6 7 50·43	+4·7335	+·0019	− 3	+51 11 36·7	− 0·686	− ·689	− 69	5, 5	20·21, 20·21	7907
621	η Gemi S	3·4	6 10 21·035	+3·6266	+·0003	− 45*	+22 31 47·95	− 0·905	− ·528	− 17*	8, 9	19·62, 19·98	1561
622	22H Caml S	4·7	6 10 35·076	+6·6146	−·0124	+ 22*	+69 20 55·81	− 0·925	− ·963	−109*	10, 11	19·90, 19·01	1556
623	I Lync	5·5	6 11 0·05	+5·5354	−·0066	+ 6	+61 32 30·9	− 0·962	− ·805	− 3	2, 2	13·02, 13·02	1560
624	5 Mono F	4·2	6 11 11·861	+2·9266	+·0014	− 3*	− 6 15 2·30	− 0·979	− ·426	− 21*	5, 14	21·54, 20·40	1570
625	8 Gemi	6·4	6 11 44·13	+3·6668	+·0000	− 12	+23 59 44·8	− 1·025	− ·533	− 24	2, 2	19·62, 19·62	1573
626	k Orio	5·3	6 12 13·83	+3·3636	+·0006	+ 60	+12 17 37·9	− 1·069	− ·489	+193	1, 1	12·12, 12·12	1577
627	Gr. 1124	6·4	6 12 48·53	+5·0930	−·0056	− 33	+56 33 30·2	− 1·120	− ·740	− 29	5, 4	18·86, 18·30	8063
628	2 Lync S	4·5	6 13 0·416	+5·2967	−·0067	− 7*	+59 2 24·49	− 1·137	− ·770	+ 21*	10, 10	19·17, 19·16	1575
629	Pi 6h, 43	7·0	6 13 38·82	+3·7596	−·0004	+ 9	+27 14 26·5	− 1·193	− ·547	− 76	5, 7	21·08, 20·84	1583
630	45 Auri	5·5	6 15 40·57	+4·8738	−·0057	+ 34	+53 29 17·4	− 1·370	− ·708	− 94	3, 4	13·10, 12·87	1593
631	BD + 29° 1190	6·3	6 16 24·67	+3·8292	−·0012	+ 30	+29 34 34·5	− 1·434	− ·556	− 41	6, 7	19·09, 18·82	8156
632	μ Gemi S	3·0	6 18 25·401	+3·6260	−·0008	+ 44*	+22 33 12·43	− 1·610	− ·526	−113*	11, 11	20·93, 20·10	1604
633	ψ¹ Auri S	5·0	6 19 7·421	+4·6225	−·0057	+ 13*	+49 19 40·60	− 1·671	− ·670	− 5*	16, 17	15·53, 15·80	1606
634	BD + 70° 401	6·0	6 19 41·63	+6·8490	−·0260	+ 9	+70 34 43·3	− 1·720	− ·994	+ 23	10, 11	20·42, 20·48	8293
635	8 Mono F	4·5	6 19 47·608	+3·1807	+·0005	− 8*	+ 4 37 55·94	− 1·729	− ·461	− 3*	4, 16	18·62, 19·58	1611
636	Pi 6h, 78	6·7	6 20 6·62	+3·6961	−·0013	+ 6	+25 5 22·0	− 1·756	− ·536	− 17	2, 2	21·14, 21·14	1612
637	Pi 6h, 89	6·3	6 20 59·44	+3·6478	−·0012	− 3	+23 22 11·6	− 1·833	− ·529	− 26	5, 5	19·67, 19·67	8290
638	48 Auri	5·6	6 23 44·91	+3·8570	−·0026	− 5	+30 32 27·0	− 2·074	− ·558	− 23	8, 7	11·61, 11·68	1629
639	10 Mono F	5·1	6 24 15·373	+2·9632	+·0008	− 2*	− 4 42 52·30	− 2·117	− ·429	+ 14*	6, 17	19·47, 18·61	1634
640	ν Gemi S	4·1	6 24 30·654	+3·5633	−·0013	− 8*	+20 15 39·71	− 2·140	− ·515	− 21*	10, 11	21·01, 21·02	1635
641	Pi 6h, 126	6·1	6 27 33·63	+3·9183	−·0036	− 13	+32 30 35·1	− 2·404	− ·565	− 31	6, 6	14·09, 14·09	1646
642	B.A.C. 2083	6·2	6 28 27·51	+7·6242	−·0520	−345	+73 45 28·1	− 2·483	−1·102	− 27	11, 9	20·28, 20·21	8540
643	Pi 6h, 144	5·7	6 29 20·65	+3·4086	−·0010	− 15	+14 12 51·0	− 2·559	− ·491	− 94	7, 7	20·29, 20·29	1663
644	8 Lync	6·2	6 30 50·71	+5·5167	−·0201	−274	+61 32 56·9	− 2·689	− ·796	−280	7, 8	14·24, 14·35	1665
645	11 Lync	6·0	6 31 16·06	+5·1052	−·0152	+ 8	+56 55 11·2	− 2·726	− ·736	+ 11	4, 4	20·59, 20·59	1672
646	Gr. 1190	5·9	6 31 23·57	+4·1262	−·0059	+ 8	+38 30 27·5	− 2·737	− ·595	− 35	5, 4	12·95, 13·42	1676
647	BD + 71° 359	6·1	6 31 40·93	+7·1017	−·0470	+ 43	+71 48 50·8	− 2·762	−1·024	+ 5	12, 12	20·00, 20·00	8630
648	10 Lync	7·2	6 31 43·49	+5·5147	−·0207	+ 22	+61 32 30·7	− 2·767	− ·796	− 10	2, 1	21·68, 20·14	1675
649	γ Gemi F	1·8	6 33 22·795	+3·4636	−·0018	+ 31*	+16 27 52·42	− 2·909	− ·498	− 47*	8, 25	19·86, 19·53	1690
650	51 Auri S	5·9	6 33 27·791	+4·1611	−·0066	− 21*	+39 27 30·36	− 2·916	− ·599	−116*	14, 14	14·98, 14·98	1687

No.	STAR	M	1925·0 R.A.			Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.			Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h	m	s	s	s		°	′	″	″					
651	23H Caml	S	5·7	6	33	27·854	+10·3117	−·1390	−287*	+79	38	58·81	− 2·916	−1·486	−615*	20, 19	20·28, 20·70	1673
652	52 Auri		5·3	6	33	35·88	+ 4·1809	−·0068	− 13	+39	58	6·0	− 2·928	− ·601	− 32	3, 1	14·14, 20·09	1688
653	50 Auri		5·0	6	33	58·62	+ 4·2863	−·0078	+ 5	+42	33	24·2	− 2·960	− ·617	− 61	1, 2	11·20, 11·18	1694
654	Gr. 1201		6·5	6	34	31·58	+ 4·3523	−·0086	+ 34	+44	4	53·5	− 3·008	− ·626	− 6	6, 5	19·44, 19·29	8678
655	BD + 22° 1416		6·2	6	34	34·59	+ 3·6092	−·0028	+ 6	+22	5	53·8	− 3·013	− ·519	− 29	5, 6	21·73, 20·97	8672
656	25 Gemi		6·8	6	36	37·38	+ 3·7822	−·0042	+ 6	+28	16	2·9	− 3·190	− ·543	− 15	2, 2	20·51, 20·51	1704
657	15 Mono		5·2	6	36	50·96	+ 3·3046	−·0013	+ 2	+ 9	57	59·0	− 3·209	− ·474	− 7	2, 4	12·17, 12·12	1706
658	55 Auri		5·2	6	37	37·65	+ 4·3728	−·0097	− 36	+44	35	53·5	− 3·276	− ·627	− 39	3, 5	14·16, 14·74	1707
659	BD + 53° 1056		6·4	6	38	8·20	+ 4·8458	−·0154	+ 62	+53	22	29·7	− 3·320	− ·695	−181	6, 6	20·14, 20·14	8769
660	BD + 37° 1567		5·9	6	38	8·24	+ 4·0739	−·0069	+ 33	+37	13	17·2	− 3·320	− ·584	− 45	7, 7	15·88, 16·73	8766
661	ε Gemi	S	3·1	6	39	19·147	+ 3·6926	−·0040	0*	+25	12	24·48	− 3·422	− ·529	− 20*	17, 18	15·62, 16·26	1717
662	ξ Gemi	F	3·3	6	41	4·829	+ 3·3758	−·0020	− 78*	+12	58	40·22	− 3·574	− ·483	−201*	17, 50	19·58, 18·50	1725
663	56 Auri	S	5·6	6	41	20·147	+ 4·3271	−·0102	+ 7*	+43	39	13·37	− 3·596	− ·619	+158*	11, 11	15·50, 16·41	1724
664	57 Auri		5·4	6	41	56·70	+ 4·5775	−·0134	− 9	+48	52	14·0	− 3·648	− ·655	+ 2	3, 3	19·12, 19·12	1728
665	18 Mono		4·8	6	43	57·03	+ 3·1300	−·0008	− 4	+ 2	29	44·3	− 3·820	− ·446	− 25	2, 3	12·17, 12·15	1740
666	BD + 32° 1414		6·0	6	44	48·20	+ 3·9141	−·0069	− 35	+32	41	35·7	− 3·893	− ·557	− 52	4, 4	12·12, 12·12	1745
667	58 Auri		5·2	6	45	27·920	+ 4·2471	−·0104	− 16	+41	52	17·0	− 3·950	− ·605	−135	6, 7	15·96, 15·28	1748
668	43 Caml		5·1	6	45	37·60	+ 6·4814	−·0516	+ 19	+68	58	40·1	− 3·964	− ·924	+ 9	8, 6	14·98, 14·78	1744
669	14 Lync		5·5	6	46	28·55	+ 5·2983	−·0267	0	+59	32	22·8	− 4·037	− ·754	− 47	3, 3	12·12, 12·12	1753
670	B.A.C. 2238		5·9	6	47	26·84	+ 3·6466	−·0047	− 29	+23	41	30·6	− 4·121	− ·518	− 16	2, 2	20·65, 20·65	1760
671	BD + 45° 1359		6·9	6	47	39·58	+ 4·3773	−·0127	+ 11	+44	55	56·7	− 4·138	− ·623	− 85	5, 5	16·75, 16·75	8988
672	θ Gemi	S	3·6	6	47	50·845	+ 3·9563	−·0077	+ 5*	+34	3	11·21	− 4·154	− ·562	− 54*	14, 14	15·24, 15·53	1763
673	59 Auri		6·3	6	47	51·97	+ 4·1299	−·0097	+ 5	+38	57	36·4	− 4·156	− ·588	+ 5	3, 3	14·14, 14·14	1762
674	BD + 35° 1511		6·2	6	48	2·43	+ 4·0183	−·0085	− 14	+35	52	45·4	− 4·171	− ·571	+ 11	5, 5	16·95, 16·95	8995
675	60 Auri		6·6	6	48	4·93	+ 4·1137	−·0096	+ 26	+38	32	0·0	− 4·175	− ·586	−182	2, 2	19·65, 19·65	1764
676	24H Caml	S	4·9	6	49	9·227	+ 8·7629	−·1336	+249*	+77	4	34·40	− 4·266	−1·246	− 15*	23, 26	20·55, 20·64	1758
677	Gr. 1237		6·6	6	49	50·00	+ 4·3331	−·0127	+ 13	+44	0	18·7	− 4·324	− ·615	− 12	2, 5	18·33, 20·32	9042
678	38 Gemi		4·8	6	50	24·82	+ 3·3805	−·0029	+ 50	+13	16	29·4	− 4·374	− ·479	− 85	2, 2	12·14, 12·14	1778
679	37 Gemi		5·9	6	50	42·04	+ 3·6938	−·0056	− 30	+25	28	14·8	− 4·398	− ·523	+ 13	2, 2	20·68, 20·68	1780
680	θ C. Maj	F	4·3	6	50	42·321	+ 2·7970	+·0003	− 93*	−11	56	37·18	− 4·399	− ·396	− 15*	5, 15	20·34, 21·13	1783
681	15 Lync		4·5	6	50	47·29	+ 5·2021	−·0274	+ 6	+58	31	22·2	− 4·406	− ·738	−134	6, 5	13·64, 13·34	1776
682	Pi 6h, 251		6·3	6	50	48·91	+ 5·1318	−·0261	+ 24	+57	39	37·8	− 4·408	− ·728	+ 19	5, 5	20·11, 20·11	9081
683	BD + 46° 1205		6·2	6	51	22·64	+ 4·4605	−·0150	− 96	+46	48	17·1	− 4·456	− ·632	− 96	5, 7	21·33, 21·43	9089
684	BD + 33° 1433		6·3	6	52	5·14	+ 3·9437	−·0084	− 12	+33	46	45·9	− 4·516	− ·558	− 4	8, 8	13·37, 13·37	9109
685	Gr. 1228		5·8	6	52	50·85	+ 6·8320	−·0706	+ 39	+70	54	41·6	− 4·581	− ·968	− 20	12, 13	20·05, 20·14	9152
686	62 Auri		6·3	6	53	56·41	+ 4·0938	−·0106	− 29	+38	9	25·1	− 4·674	− ·578	−128	6, 6	12·66, 14·15	1794
687	40 Gemi		6·6	6	54	50·20	+ 3·7065	−·0063	− 11	+26	1	2·8	− 4·750	− ·523	− 14	5, 5	20·72, 20·72	1798
688	41 Gemi		6·2	6	55	57·29	+ 3·4491	−·0039	− 9	+16	11	1·6	− 4·846	− ·486	− 12	1, 1	12·09, 12·09	1803
689	ζ Gemi	F	Var.	6	59	39·721	+ 3·5603	−·0054	− 3*	+20	40	54·01	− 5·159	− ·499	− 8*	14, 21	20·99, 20·97	1815
690	γ C. Maj	F	4·1	7	0	21·9	+ 2·7145	+·0004	− 1*	−15	31	16·25	− 5·219	− ·380	− 14*	0, 4	18·39	1819
691	Pi 6h, 316		5·9	7	1	15·17	+ 3·9616	−·0105	− 44	+34	35	23·8	− 5·294	− ·555	− 68	3, 2	15·13, 17·16	1822
692	BD + 34° 1530		6·1	7	2	26·96	+ 3·9451	−·0104	− 19	+34	7	35·7	− 5·395	− ·552	− 30	5, 7	19·17, 18·30	9384
693	BD + 34° 1533		6·6	7	3	18·23	+ 3·9384	−·0105	− 10	+33	57	4·2	− 5·467	− ·550	− 38	6, 6	19·31, 19·31	9405
694	BD + 37° 1660		6·3	7	3	32·04	+ 4·0614	−·0123	− 4	+37	33	50·8	− 5·486	− ·567	− 17	7, 7	18·56, 20·14	9412
695	51H Ceph	P	5·4	7	5	56·834	+28·9887	−3·0760	−490*	+87	10	9·79	− 5·689	−4·050	− 36*	162, 120	17·90, 17·40	1801
696	τ Gemi		4·5	7	6	22·08	+ 3·8232	−·0095	− 19	+30	22	10·7	− 5·724	− ·530	− 47	3, 3	12·18, 12·18	1840
697	63 Auri	S	5·1	7	6	29·958	+ 4·1263	−·0140	+ 41*	+39	26	39·32	− 5·735	− ·574	− 3*	17, 14	13·98, 14·58	1841
698	22 Mono	F	4·2	7	8	2·084	+ 3·0646	−·0017	+ 2*	− 0	22	2·40	− 5·863	− ·425	+ 11*	11, 24	20·62, 20·28	1853
699	51 Gemi		5·3	7	9	3·91	+ 3·4457	−·0052	+ 8	+16	17	15·0	− 5·950	− ·477	− 50	2, 0	12·16,	1856
700	18 Lync		5·4	7	9	22·50	+ 5·2621	−·0398	−116	+59	46	25·2	− 5·976	− ·730	−258	8, 6	14·40, 15·15	1854

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ·000	No. Obs.	Epoch 1900 +	Boss
701	Gr. 1281	5·7	7	10	16·23	+ 4·4571	−·0210	+ 38	+47	22	29·7	− 6·051	− ·618	−180	3, 4	20·48, 20·66	1860
702	53 Gemi	6·1		11	16·26	+ 3·7501	−·0092	− 14	+28	1	45·6	− 6·134	− ·517	− 9	5, 6	14·95, 14·49	1868
703	Gr. 1284	6·0		11	40·83	+ 4·7159	−·0272	+ 2	+52	15	54·0	− 6·168	− ·652	− 30	5, 5	20·28, 20·28	9642
704	64 Auri	6·0		12	49·51	+ 4·1770	−·0164	− 10	+41	1	4·8	− 6·263	− ·575	0	9, 7	11·72, 11·80	1880
705	B.A.C. 2379	4·9		12	50·34	+ 4·5643	−·0243	− 5	+49	35	59·3	− 6·264	− ·629	− 8	2, 1	20·65, 21·21	1879
706	BD + 31° 1529	5·9	7	13	16·63	+ 3·8378	−·0108	− 18	+31	5	29·7	− 6·300	− ·528	− 20	6, 7	12·81, 12·56	9688
707	λ Gemi F	3·5		13	47·051	+ 3·4526	−·0057	− 33*	+16	40	36·90	− 6·342	− ·475	− 48*	7, 21	20·14, 18·53	1886
708	25H Caml P	5·3		15	23·806	+12·7579	−·5459	+ 24*	+82	33	38·68	− 6·476	−1·758	− 45*	79, 62	20·53, 20·08	1871
709	δ Gemi S	6·6		15	38·748	+ 3·5867	−·0076	+ 13*	+22	7	18·39	− 6·497	− ·492	− 17*	10, 10	18·44, 19·44	1898
710	Gr. 1296	6·6		15	45·55	+ 4·2432	−·0184	− 14	+42	47	48·4	− 6·506	− ·582	− 50	5, 5	15·16, 15·22	9765
711	Gr. 1295	5·8	7	15	51·94	+ 4·3529	−·0206	− 34	+45	22	6·6	− 6·515	− ·598	+ 5	3, 3	21·13, 21·13	1897
712	Br. 1056 S	5·9		16	45·247	+ 4·9039	−·0342	+ 2*	+55	25	28·13	− 6·588	− ·672	− 38*	12, 17	20·74, 21·10	1906
713	65 Auri	5·3		17	2·22	+ 4·0201	−·0146	− 66	+36	54	11·0	− 6·611	− ·550	− 41	9, 8	12·61, 12·80	1912
714	66 Auri	5·5		18	57·07	+ 4·1592	−·0176	+ 1	+40	49	5·3	− 6·769	− ·568	− 24	10, 8	12·27, 12·42	1919
715	58 Gemi	6·5		18	57·88	+ 3·6090	−·0083	− 15	+23	5	28·0	− 6·771	− ·492	− 46	4, 4	20·65, 20·65	1922
716	BD + 52° 1205	6·0	7	19	6·66	+ 4·6843	−·0295	+ 19	+52	2	3·0	− 6·782	− ·640	− 40	5, 5	15·95, 15·95	9860
717	59 Gemi	5·9		19	53·58	+ 3·7345	−·0103	+ 10	+27	47	3·0	− 6·848	− ·509	+ 15	4, 4	20·39, 20·39	1926
718	ι Gemi S	3·9		21	4·251	+ 3·7379	−·0105	− 86*	+27	56	54·43	− 6·944	− ·508	− 90*	14, 13	14·51, 14·77	1931
719	Pi 7h, 97	6·8		22	24·51	+ 3·5703	−·0082	−220	+21	41	12·8	− 7·053	− ·484	− 42	3, 2	20·15, 20·16	1940
720	61 Gemi	6·1		22	31·23	+ 3·5381	−·0077	− 7	+20	24	31·2	− 7·062	− ·480	− 24	2, 2	20·69, 20·69	1941
721	β C. Min F	2·9	7	23	5·094	+ 3·2582	−·0043	− 34*	+ 8	26	30·03	− 7·109	− ·441	− 43*	8, 32	17·98, 17·64	1944
722	Pi 7h, 67 S	6·0		23	5·484	+ 6·2645	−·0871	− 5*	+68	37	15·76	− 7·109	− ·850	− 44*	10, 10	20·27, 20·27	1937
723	Pi 7h, 92	5·9		23	16·48	+ 4·4766	−·0259	+ 10	+48	20	17·0	− 7·124	− ·607	− 58	3, 3	20·81, 20·81	1943
724	B.A.C. 2463	7·1		24	0·52	+ 3·7279	−·0108	− 4	+27	42	21·5	− 7·184	− ·504	+ 5	6, 7	21·64, 21·71	9980
725	ρ Gemi S	4·3		24	17·426	+ 3·8500	−·0129	+117*	+31	56	5·18	− 7·207	− ·521	+183*	15, 14	13·09, 13·23	1952
726	64 Gemi	5·2	7	24	40·21	+ 3·7430	−·0112	− 24	+28	16	27·4	− 7·238	− ·505	− 59	2, 3	19·69, 20·17	1956
727	6 C. Min F	4·9		25	37·383	+ 3·3409	−·0054	+ 2*	+12	9	46·83	− 7·316	− ·450	− 19*	9, 16	20·91, 20·83	1962
728	Pi 7h, 115	6·9		28	5·36	+ 4·6289	−·0316	− 22	+51	28	33·9	− 7·516	− ·622	− 28	5, 5	19·93, 19·93	10096
729	68 Gemi	5·3		29	19·77	+ 3·4270	−·0069	− 10	+15	59	21·0	− 7·618	− ·458	− 25	3, 3	12·19, 12·19	1977
730	α Gemi	2·0		29	49·23	+ 3·8461	−·0138	−135	+32	3	17·6	− 7·656	− ·515	−110	7, 5	14·45, 14·34	1979
731	Br. 1090	5·6	7	30	23·04	+ 3·8178	−·0133	− 25	+31	7	29·8	− 7·702	− ·510	− 1	5, 5	11·15, 11·15	1981
732	B.A.C. 2488	5·9		31	5·29	+ 4·3643	−·0256	− 9	+46	20	50·0	− 7·758	− ·583	− 46	5, 5	14·34, 14·34	1986
733	ν Gemi	4·2		31	18·24	+ 3·7021	−·0114	− 20	+27	3	49·3	− 7·776	− ·494	−116	5, 5	14·36, 14·36	1987
734	Gr. 1338	6·6		32	10·06	+ 4·1118	−·0198	− 3	+40	11	38·9	− 7·846	− ·548	− 41	5, 4	15·16, 16·16	10193
735	BD + 49° 1653	6·8		32	18·62	+ 4·4842	−·0292	− 24	+48	56	34·2	− 7·857	− ·598	− 37	5, 5	19·75, 19·75	10201
736	25 Mono F	5·2	7	33	32·967	+ 2·9883	−·0021	− 47*	− 3	56	32·85	− 7·957	− ·396	+ 18*	6, 22	21·34, 19·77	1999
737	70 Gemi	5·9		33	37·71	+ 3·9385	−·0163	+ 32	+35	13	4·4	− 7·963	− ·524	+ 18	6, 6	12·50, 12·69	1997
738	o Gemi	5·1		34	16·44	+ 3·9228	−·0161	− 22	+34	45	29·1	− 8·015	− ·520	−122	8, 8	12·65, 12·65	2001
739	Pi 7h, 161	6·1		34	40·25	+ 3·6278	−·0105	− 7	+24	23	38·0	− 8·047	− ·481	− 2	6, 6	20·49, 20·49	10265
740	Br. 1101	7·0		35	6·44	+ 3·8424	−·0146	− 12	+32	10	58·4	− 8·082	− ·509	− 50	5, 5	18·97, 21·16	10280
741	Gr. 1352	6·0	7	35	12·02	+ 4·0460	−·0191	− 40	+38	31	2·8	− 8·089	− ·563	− 13	5, 7	17·54, 18·58	10288
742	α C. Min F	0·5		35	22·626	+ 3·1887	−·0042	−468*	+ 5	25	5·94	− 8·103	− ·422	−028*	5, 14	20·53, 19·15	2008
743	Pi 7h, 156	5·8		35	40·31	+ 4·4442	−·0292	− 53	+48	18	30·5	− 8·127	− ·590	−134	2, 2	18·18, 18·18	2006
744	BD + 23° 1780	6·2		36	29·21	+ 3·5954	−·0102	− 8	+23	11	35·2	− 8·192	− ·475	− 4	5, 6	20·58, 20·69	10318
745	24 Lync S	5·0		36	40·232	+ 5·0929	−·0507	− 39*	+58	53	15·51	− 8·207	− ·674	− 61*	11, 9	15·15, 15·47	2010
746	γ Mono	4·1	7	37	39·9	+ 2·8719	−·0012	− 51	− 9	22	29·2	− 8·286	− ·378	− 24	0, 2	12·16	2021
747	BD + 34° 1657	6·5		37	52·17	+ 3·8987	−·0163	− 61	+34	10	37·5	− 8·302	− ·514	− 9	5, 6	14·97, 14·32	10354
748	Pi 7h, 179	6·2		38	54·31	+ 3·5775	−·0102	− 17	+22	34	39·2	− 8·384	− ·470	+ 8	5, 5	20·33, 20·33	10378
749	51 Caml	6·2		39	30·79	+ 5·7499	−·0803	+ 71	+65	38	12·4	− 8·433	− ·756	+ 12	6, 6	14·49, 14·49	2024
750	κ Gemi S	3·5		39	55·330	+ 3·6268	−·0112	− 16*	+24	34	45·06	− 8·465	− ·475	− 62*	11, 12	20·63, 20·60	2029

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
751	β Gemi.....S	1·1	7 40 43·767	+3·7214	−·0131	−471*	+28 12 30·88	−8·529	−·487	−56*	11, 17	16·52, 18·04	2031
752	BD + 37° 1709.....	5·5	41 39·20	+4·0057	−·0194	+21	+37 42 0·8	−8·602	−·524	+17	6, 4	12·00, 12·18	2037
753	g Gemi.....	5·2	41 47·09	+3·4811	−·0088	−48	+18 41 40·1	−8·612	−·455	−69	2, 2	12·14, 12·14	2040
754	π Gemi.....S	5·4	42 40·434	+3·8731	−·0166	+3*	+33 36 3·73	−8·683	−·505	−40*	20, 20	14·40, 14·35	2049
755	82 Gemi.....	6·5	44 4·71	+3·5907	−·0110	−9	+23 19 40·6	−8·793	−·467	−15	4, 4	20·13, 20·13	2054
756	Pi 7h, 199.....	6·3	7 45 11·67	+4·7411	−·0425	−23	+54 19 4·1	−8·881	−·615	+48	6, 7	20·52, 20·62	2057
757	Pi 7h, 215.....	6·5	46 13·33	+3·8617	−·0170	−11	+33 25 26·4	−8·961	−·500	−4	7, 8	13·84, 13·50	10579
758	9 Pupp.....F	5·5	48 17·936	+2·7828	−·0006	−41*	−13 41 52·73	−9·123	−·357	−339*	4, 12	20·64, 20·68	2075
759	84 Gemi.....	7·4	48 33·84	+3·5660	−·0111	+1	+22 31 43·4	−9·144	−·459	−24	3, 4	21·14, 21·41	2074
760	φ Gemi.....	5·1	48 54·63	+3·6772	−·0134	−22	+26 57 39·2	−9·171	−·473	−37	5, 3	13·36, 12·14	2078
761	26 Lync.....S	5·8	7 49 15·457	+4·3804	−·0319	−42*	+47 45 37·92	−9·198	−·563	−8*	14, 14	15·10, 15·09	2079
762	52 Caml.....	6·9	50 22·41	+4·8760	−·0500	+14	+56 42 12·0	−9·285	−·626	−25	2, 2	21·17, 21·17	2085
763	Gr. 1374.....	5·7	51 15·09	+7·2278	−·1867	−20	+74 7 14·5	−9·352	−·928	−33	2, 4	14·68, 13·40	2084
764	1 Canc.....	6·1	52 44·09	+3·4104	−·0086	−19	+15 59 30·0	−9·467	−·434	−49	4, 4	12·18, 12·18	2098
765	Gr. 1384.....	6·4	53 0·76	+4·2166	−·0280	+37	+44 10 44·2	−9·489	−·537	+9	7, 6	13·74, 14·17	10757
766	Gr. 1385.....	6·0	7 55 4·10	+5·0419	−·0596	+23	+59 15 9·3	−9·647	−·640	+24	7, 7	14·44, 14·44	2101
767	53 Caml.....	6·3	55 18·86	+5·1446	−·0644	−19	+60 31 52·3	−9·665	−·653	−22	6, 6	14·99, 14·99	2105
768	27 Mono.....	5·1	55 59·39	+3·0018	−·0028	−33	−3 28 25·8	−9·717	−·379	+1	1, 7	12·16, 12·17	2115
769	BD + 35° 1731.....	6·7	57 2·83	+3·9081	−·0202	−33	+35 37 15·8	−9·798	−·493	−13	7, 5	13·72, 14·75	10869
770	χ Gemi.....S	5·2	58 54·919	+3·6900	−·0150	−15*	+28 0 20·56	−9·940	−·463	−52*	17, 19	13·87, 13·79	2131
771	Pi 7h, 269.....	7·3	7 59 3·18	+4·9283	−·0569	−98	+57 59 14·0	−9·950	−·619	−91	3, 3	20·16, 20·16	2129
772	8 Canc.....F	5·2	8 0 53·931	+3·3465	−·0081	−22*	+13 19 58·95	−10·090	−·417	−78*	18, 25	18·40, 20·51	2138
773	28 Lync.....	6·5	1 58·49	+4·1646	−·0289	+4	+43 28 37·2	−10·172	−·519	−31	3, 3	11·19, 11·19	2142
774	27 Lync.....S	4·9	2 49·408	+4·5289	−·0421	−58*	+51 43 27·96	−10·235	−·563	−8*	10, 13	16·30, 15·81	2145
775	Gr. 1407.....	6·0	3 55·17	+4·9402	−·0602	−27	+58 28 10·6	−10·318	−·613	−79	7, 7	20·30, 20·30	11050
776	Br. 1159.....	6·7	4 14·32	+4·1274	−·0282	+11	+42 39 5·8	−10·342	−·512	−72	4, 2	15·65, 20·12	2148
777	55 Caml.....	5·6	8 5 22·28	+5·9996	−·1209	+8	+68 41 48·1	−10·426	−·743	+5	5, 4	14·38, 14·93	2150
778	Pi 7h, 311.....	6·0	7 52·19	+4·7972	−·0558	+15	+56 40 43·6	−10·612	−·589	−39	1, 1	19·17, 19·17	2162
779	Br. 1147.....S	5·9	10 9·917	+7·5871	−·2595	+67*	+75 59 17·84	−10·782	−·928	+12*	23, 23	18·23, 18·28	2174
780	Br. 1169.....	7·0	10 46·66	+4·9759	−·0659	+13	+59 25 11·7	−10·827	−·606	−37	2, 3	20·65, 20·45	2182
781	β Canc.....F	3·7	12 26·972	+3·2585	−·0072	−35*	+9 25 4·05	−10·950	−·393	−54*	9, 27	20·28, 17·67	2195
782	Pi 8h, 15.....	5·8	8 12 29·78	+4·6347	−·0507	−24	+54 22 36·6	−10·954	−·561	−43	5, 5	20·37, 20·37	11272
783	30 Lync.....	6·1	14 23·23	+4·8527	−·0620	+72	+57 58 42·2	−11·093	−·585	+18	2, 2	20·66, 20·66	2197
784	Pi 8h, 30.....	6·8	16 26·62	+5·0582	−·0739	+15	+60 52 12·5	−11·241	−·605	−3	4, 4	20·66, 20·66	2203
785	31 Lync.....S	4·4	17 42·435	+4·1162	−·0315	−8*	+43 25 47·89	−11·332	−·490	−107*	16, 17	15·12, 15·48	2208
786	Gr. 1433.....	6·3	19 38·40	+4·0681	−·0303	+7	+42 14 51·6	−11·471	−·482	−7	5, 5	12·97, 12·97	2220
787	BD + 35° 1819.....	6·1	8 20 17·21	+3·8459	−·0228	−1	+35 15 18·6	−11·518	−·454	−19	5, 4	11·20, 11·20	11473
788	22 Canc.....	6·0	21 54·28	+3·6549	−·0173	−23	+28 8 30·6	−11·633	−·428	−131	3, 3	20·14, 20·14	2232
789	30 Mono.....F	3·9	21 54·817	+3·0032	−·0032	−44*	−3 39 39·08	−11·634	−·352	−25*	9, 28	17·97, 17·19	2237
790	Gr. 1119.....P	7·3	23 37·326	+57·358	−31·945	−29*	+88 51 27·93	−11·756	−6·768	+8*	129, 80	17·44, 16·72	2135
791	o U. Maj.....S	3·4	24 2·844	+5·0205	−·0769	−167*	+60 58 13·37	−11·785	−·587	−114*	10, 10	18·48, 18·48	2247
792	29 Canc.....	6·2	8 24 26·40	+3·3512	−·0098	−9	+14 27 37·2	−11·813	−·390	−18	1, 1	12·17, 12·17	2253
793	Pi 8h, 52.....	6·4	25 29·94	+5·9618	−·1425	+58	+69 34 24·3	−11·888	−·695	−29	4, 6	20·72, 20·37	11640
794	BD + 37° 1870.....	6·0	26 28·57	+3·8963	−·0258	−12	+37 31 5·2	−11·956	−·451	−5	5· 4	11·19, 11·21	11641
795	Pi 8h, 78.....	6·7	26 56·29	+4·5133	−·0515	+22	+53 22 13·4	−11·989	−·522	−86	2, 2	19·64, 19·64	2260
796	θ Canc.....	5·8	27 19·40	+3·4275	−·0118	−37	+18 20 57·4	−12·016	−·395	−69	4, 5	12·81, 12·17	2265
797	Gr. 1450.....S	6·2	8 28 2·764	+3·9148	−·0267	−90*	+38 16 29·31	−12·066	−·451	−175*	22, 20	15·39, 13·99	2268
798	BD + 75° 342.....	6·3	28 7·34	+7·0492	−·2466	−39	+74 58 54·7	−12·072	−·815	−28	11, 11	19·37, 19·67	11730
799	η Canc.....S	5·7	28 22·456	+3·4755	−·0131	−26*	+20 41 49·23	−12·089	−·399	−54*	9, 8	18·06, 17·79	2271
800	32 Lync.....	6·4	28 33·51	+3·8666	−·0251	−116	+36 41 31·2	−12·102	−·444	−8	3, 3	11·20, 11·20	2272

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
801	33 Lync	5·9	8	29	55·08	+ 3·8626	− ·0253	− 23	+36	40	41·2	−12·197	− ·441	− 50	5, 4	11·18, 11·20	2277
802	3 U. Maj	5·8	8	32	33·35	+ 5·3560	− ·1050	− 19	+65	16	53·2	−12·379	− ·608	+ 85	5, 5	13·40, 13·40	2284
803	Pi 8h, 103	7·0	8	33	26·13	+ 4·4729	− ·0524	− 22	+53	11	20·2	−12·439	− ·506	− 39	5, 5	20·18, 20·18	11835
804	Br. 1211	6·3	8	33	38·19	+ 3·7545	− ·0222	− 13	+33	3	52·3	−12·453	− ·423	− 17	4, 4	11·20, 11·17	2294
805	δ Hyda F	4·2	8	33	41·220	+ 3·1822	− ·0066	− 49*	+ 5	57	58·58	−12·457	− ·358	− 11*	8, 20	18·04, 19·59	2295
806	Pi 8h, 105	6·3	8	33	44·83	+ 4·4606	− ·0519	− 26	+52	58	32·2	−12·461	− ·504	− 32	3, 3	14·89, 14·89	2293
807	σ Hyda	4·6	8	34	50·36	+ 3·1385	− ·0057	− 12	+ 3	36	20·1	−12·535	− ·352	− 20	1, 1	12·22, 12·22	2302
808	Br. 1216	7·2	8	35	16·02	+ 3·7489	− ·0223	− 17	+32	59	35·3	−12·564	− ·420	− 47	3, 3	20·54, 20·54	2304
809	Br. 1219	6·5	8	35	39·63	+ 3·7278	− ·0216	− 26	+32	12	29·0	−12·591	− ·417	− 34	5, 5	11·21, 11·21	11886
810	34 Lync	5·6	8	35	50·50	+ 4·1525	− ·0382	+ 28	+46	5	52·7	−12·604	− ·465	+ 77	7, 8	15·03, 14·68	2306
811	40 Canc	6·8	8	35	52·85	+ 3·4559	− ·0133	− 23	+20	14	13·1	−12·607	− ·386	− 17	2, 2	20·70, 20·70	2309
812	Pi 8h, 129	6·8	8	36	3·9	+ 3·4494	− ·0131	− 25	+19	56	10·0	−12·618	− ·385	− 22	0, 2	20·64	2310
813	42 Canc	7·1	8	36	25·05	+ 3·4499	− ·0132	− 12	+19	59	9·3	−12·642	− ·385	− 12	1, 2	21·25, 20·70	2313
814	Br. 1227	7·1	8	36	38·38	+ 3·4468	− ·0131	− 27	+19	50	50·6	−12·658	− ·383	− 16	3, 2	20·88, 20·71	2314
815	BD + 47° 1606	6·3	8	37	47·68	+ 4·1860	− ·0403	− 38	+47	10	16·0	−12·736	− ·466	− 52	6, 6	19·71, 19·71	11965
816	γ Canc S	4·7	8	38	56·497	+ 3·4825	− ·0144	− 73*	+21	44	21·45	−12·814	− ·385	− 50*	13, 10	16·57, 17·28	2327
817	δ Canc F	4·1	8	40	25·542	+ 3·4134	− ·0125	− 12*	+18	25	51·55	−12·913	− ·375	−239*	15, 19	18·55, 18·14	2336
818	46 Canc	6·4	8	40	45·58	+ 3·6854	− ·0210	+ 2	+30	58	12·8	−12·935	− ·405	− 20	1, 1	11·27, 11·09	2338
819	ι Canc S	4·2	8	42	9·783	+ 3·6365	− ·0195	− 15*	+29	2	6·76	−13·029	− ·397	− 50*	14, 11	14·54, 14·45	2348
820	ε Hyda	3·4	8	42	48·59	+ 3·1917	− ·0071	−127	+ 6	41	42·1	−13·071	− ·347	− 54	1, 6	12·18, 12·19	2354
821	Br. 1245	6·5	8	45	53·06	+ 3·7372	− ·0237	− 57	+33	33	59·1	−13·274	− ·403	− 88	4, 3	11·20, 11·20	2364
822	35 Lync	5·2	8	46	55·25	+ 4·0361	− ·0362	+ 1	+44	0	24·6	−13·342	− ·433	+ 37	4, 4	13·45, 13·45	2368
823	BD + 45° 1649	6·2	8	47	6·16	+ 4·0903	− ·0388	− 24	+45	35	42·3	−13·354	− ·439	− 44	5, 5	20·59, 20·59	12226
824	Gr. 1476	6·7	8	47	12·80	+ 3·9788	− ·0338	− 32	+42	17	9·4	−13·361	− ·426	− 78	5, 4	18·82, 20·73	12228
825	BD + 36° 1883	6·1	8	49	12·63	+ 3·7862	− ·0262	− 18	+35	49	22·3	−13·491	− ·402	− 28	6, 6	16·24, 16·16	12272
826	57 Canc	5·6	8	49	40·36	+ 3·6624	− ·0215	+ 30	+30	51	53·5	−13·521	− ·388	− 33	2, 1	11·15, 11·09	2384
827	ζ Hyda F	3·2	8	51	25·845	+ 3·1798	− ·0070	− 69*	+ 6	13	54·96	−13·634	− ·334	+ 9*	2, 7	18·22, 18·35	2393
828	Gr. 1487	5·8	8	51	38·83	+ 3·9084	− ·0318	− 72	+40	29	23·8	−13·648	− ·412	− 54	5, 5	16·98, 21·34	12341
829	Pi 8h, 202	6·1	8	51	45·76	+ 4·0830	− ·0398	−105	+45	55	14·5	−13·656	− ·430	− 46	4, 3	21·16, 20·84	2392
830	59 Canc	5·7	8	52	19·29	+ 3·7115	− ·0238	− 45	+33	11	59·7	−13·691	− ·389	− 81	2, 2	11·22, 11·22	2398
831	63 Canc	5·9	8	53	24·05	+ 3·3491	− ·0116	+ 42	+15	52	13·5	−13·760	− ·349	+ 22	3, 2	20·56, 21·23	2402
832	61 Canc	6·5	8	53	25·51	+ 3·6456	− ·0215	+ 53	+30	31	22·3	−13·761	− ·380	+ 12	3, 2	14·41, 20·68	2401
833	ι U. Maj S	3·1	8	54	4·879	+ 4·1618	− ·0446	−438*	+48	20	14·39	−13·803	− ·434	−248*	12, 12	19·46, 19·62	2404
834	α Canc F	4·4	8	54	23·236	+ 3·2811	− ·0098	+ 25*	+12	8	56·47	−13·822	− ·341	− 39*	7, 33	16·21, 16·67	2407
835	64 Canc	5·6	8	54	56·65	+ 3·6929	− ·0235	+ 33	+32	42	40·2	−13·858	− ·382	− 48	3, 4	12·15, 11·88	2409
836	Pi 8h, 224	6·7	8	54	56·81	+ 3·3945	− ·0132	− 29	+18	25	40·7	−13·858	− ·351	− 79	2, 2	21·68, 21·68	2410
837	Gr. 1496	6·5	8	55	45·05	+ 3·8218	− ·0289	− 4	+37	53	49·8	−13·909	− ·395	− 6	5, 4	16·98, 20·46	12432
838	10 U. Maj S	4·0	8	55	46·679	+ 3·9416	− ·0343	−388*	+42	4	50·80	−13·910	− ·408	−260*	9, 9	16·77, 16·78	2413
839	67 Canc	6·3	8	57	20·89	+ 3·5853	− ·0198	− 44	+28	11	56·4	−14·009	− ·367	− 88	3, 3	20·18, 20·18	2419
840	ν Canc	5·6	8	58	21·34	+ 3·5115	− ·0172	0	+24	44	56·7	−14·072	− ·359	− 5	1, 1	12·22, 12·22	2426
841	Gr. 1501	5·9	8	58	21·36	+ 4·4100	− ·0604	+ 4	+54	34	50·7	−14·082	− ·452	− 2	7, 7	14·75, 14·30	2423
842	κ U. Maj S	3·6	8	58	30·801	+ 4·1090	− ·0434	− 30*	+47	27	15·71	−14·082	− ·420	− 66*	14, 15	15·27, 15·46	2424
843	Pi 8h, 245	4·8	9	1	45·94	+ 3·8254	− ·0304	− 30	+38	45	9·9	−14·282	− ·385	− 25	9, 7	11·56, 11·48	2437
844	ω Hyda	5·5	9	2	1·57	+ 3·1612	− ·0068	− 14	+ 5	23	34·7	−14·298	− ·317	− 3	1, 2	12·24, 12·20	2439
845	τ Canc	5·7	9	3	30·18	+ 3·6090	− ·0215	− 20	+29	57	24·2	−14·389	− ·360	− 9	4, 5	11·93, 12·34	2444
846	κ Canc F	5·3	9	3	41·206	+ 3·2530	− ·0094	− 13*	+10	58	15·57	−14·400	− ·324	− 11*	13, 30	19·69, 20·02	2445
847	13 U. Maj	5·0	9	3	48·96	+ 5·3091	− ·1324	− 9	+67	26	25·7	−14·408	− ·532	− 70	9, 7	15·00, 14·94	1441
848	Pi 8h, 254	6·5	9	4	15·33	+ 3·7027	− ·0255	−148	+34	11	18·2	−14·434	− ·368	−126	5, 4	18·65, 20·48	12613
849	λ U. Maj	4·8	9	4	45·14	+ 4·9546	− ·1030	+153	+63	49	12·5	−14·465	− ·494	− 69	4, 4	14·19, 14·19	2446
850	ξ Canc	5·3	9	5	3·04	+ 3·4526	− ·0158	+ 3	+22	20	59·3	−14·483	− ·342	− 7	7, 5	13·06, 13·01	2449

No.	STAR	M	1925·0 R.A.			Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.			Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h	m	s	s	s		°	′	″	″	″				
851	79 Canc.	6·3	9	6	2·51	+ 3·4500	− ·0159	+ 6	+22	18	7·4	−14·542	− ·340	− 5	2, 2	20·62, 20·62	2455
852	BD + 31° 1946.	6·5	9	6	7·19	+ 3·6311	− ·0228	− 15	+31	16	10·9	−14·547	− ·358	− 40	4, 4	11·20, 11·20	12657
853	36 Lync.	5·4	9	8	54·33	+ 3·9348	− ·0375	− 21	+43	31	40·6	−14·714	− ·383	− 47	10, 9	12·22, 11·77	2465
854	θ Hyda. F	4·0	9	10	27·828	+ 3·1142	− ·0057	+ 87*	+ 2	37	53·59	−14·806	− ·300	−312*	19, 60	18·79, 17·95	2479
855	Br. 1300.	6·2	9	10	38·52	+ 3·7017	− ·0267	−118	+34	56	38	−14·816	− ·357	+ 34	5, 0	11·23	2478
856	Pi 9h, 19.	6·2	9	12	29·72	+ 4·0338	− ·0439	+ 20	+47	7	51·3	−14·925	− ·386	+ 8	3, 3	20·22, 20·22	2484
857	BD + 35° 1971.	5·9	9	13	48·86	+ 3·7092	− ·0276	− 37	+35	40	45·2	−15·001	− ·352	− 36	1, 1	11·18, 11·18	2494
858	38 Lync.	3·9	9	14	11·00	+ 3·7424	− ·0292	− 21	+37	7	16·0	−15·023	− ·355	−135	3, 6	12·52, 12·65	2495
859	83 Canc. S	6·9	9	14	47·866	+ 3·3598	− ·0134	− 81*	+18	1	26·96	−15·059	− ·317	−138*	10, 11	21·01, 21·04	2501
860	Gr. 1534.	6·0	9	16	13·72	+ 4·4222	− ·0704	− 10	+57	1	5·6	−15·141	− ·416	− 13	5, 6	20·60, 19·66	12883
861	Gr. 1538.	6·7	9	16	17·76	+ 3·7693	− ·0310	− 36	+38	30	23·6	−15·145	− ·354	− 19	5, 5	19·23, 21·04	12875
862	Gr. 1536.	7·1	9	16	27·15	+ 3·9688	− ·0416	− 4	+45	41	21·1	−15·154	− ·372	− 32	7, 7	21·50, 21·50	12885
863	α Lync. S	3·3	9	16	29·502	+ 3·6786	− ·0266	−176*	+34	42	37·83	−15·156	− ·344	+ 10*	10, 10	12·40, 12·40	2507
864	BD + 33° 1848.	6·8	9	16	54·50	+ 3·6444	− ·0251	+ 11	+33	13	17·0	−15·180	− ·340	− 41	5, 5	16·84, 16·84	12892
865	Br. 1318.	6·7	9	19	11·69	+ 3·4843	− ·0185	− 92	+25	30	15·6	−15·310	− ·322	− 3	4, 3	20·72, 20·89	12940
866	Pi 9h, 51.	6·5	9	19	43·02	+ 4·8574	− ·1078	− 12	+64	15	52·9	−15·339	− ·449	− 45	5, 5	20·45, 20·45	12970
867	BD + 75° 377.	6·3	9	20	1·67	+ 6·3752	− ·2830	− 66	+75	25	20·3	−15·357	− ·591	+ 27	9, 9	19·25, 18·76	12988
868	κ Leon.	4·7	9	20	17·44	+ 3·5005	− ·0193	− 23	+26	30	22·5	−15·371	− ·321	− 53	4, 5	14·22, 14·22	2524
869	α Hyda. F	2·0	9	23	54·146	+ 2·9495	− ·0013	− 11*	− 8	19	58·38	−15·572	− ·264	+ 31*	12, 26	20·88, 19·32	2533
870	h U. Maj. S	3·6	9	25	38·234	+ 4·7367	− ·1022	+170*	+63	23	27·34	−15·667	− ·424	+ 25*	10, 10	20·33, 20·34	2540
871	7 L. Min.	6·1	9	26	11·61	+ 3·6330	− ·0262	− 6	+33	59	10·5	−15·698	− ·323	− 65	2, 2	11·18, 11·12	2543
872	8 L. Min.	5·6	9	26	29·01	+ 3·6615	− ·0278	− 47	+35	26	9·3	−15·740	− ·323	−117	2, 2	11·23, 11·23	2546
873	1. H. Drac. P	4·6	9	26	31·653	+ 8·7309	− ·7548	− 44*	+81	39	35·79	−15·716	− ·784	− 25*	149, 100	17·04, 16·01	2536
874	22 U. Maj.	6·0	9	27	26·25	+ 5·6906	− ·2078	+175	+72	32	24·0	−15·787	− ·503	− 69	4, 4	20·98, 20·98	2547
875	θ U. Maj. S	3·2	9	27	51·089	+ 4·1275	− ·0557	−1025*	+52	1	12·12	−15·788	− ·364	−547*	10, 9	20·71, 21·32	2552
876	d U. Maj. S	4·7	9	27	52·965	+ 5·3547	− ·1674	−112*	+70	9	40·29	−15·789	− ·474	+ 70*	19, 23	21·60, 21·63	2549
877	ξ Leon.	5·2	9	27	54·39	+ 3·2423	− ·0099	− 65	+11	37	58·5	−15·790	− ·284	− 87	1, 1	11·30, 11·30	2555
878	9 L. Min.	6·6	9	28	54·5	+ 3·6856	− ·0295	+ 32	+36	49	13·8	−15·844	− ·322	− 45	0, 2	19·74	2561
879	10 L. Min. S	4·8	9	29	38·077	+ 3·6811	− ·0293	+ 11*	+36	43	52·91	−15·883	− ·320	− 27*	14, 11	13·74, 13·14	2566
880	26 U. Maj.	4·7	9	29	41·82	+ 4·1304	− ·0567	− 63	+52	23	9·0	−15·886	− ·360	− 44	3, 3	20·57, 20·57	2567
881	BD + 24° 2104.	6·7	9	29	42·47	+ 3·4320	− ·0174	− 36	+23	47	20·5	−15·887	− ·298	− 93	4, 3	19·76, 19·95	13199
882	Pi 9h, 115.	5·0	9	30	23·65	+ 3·7529	− ·0333	− 27	+39	57	18·9	−15·924	− ·325	0	4, 4	12·22, 12·22	2570
883	33 Hyda.	5·9	9	30	48·12	+ 2·9937	− ·0022	0	− 5	34	44·8	−15·945	− ·258	− 57	3, 2	12·19, 12·20	2572
884	11 L. Min.	5·6	9	31	10·76	+ 3·6632	− ·0287	−582	+36	9	4·1	−15·963	− ·316	−265	5, 4	12·99, 13·43	2573
885	Pi 9h, 124.	5·8	9	32	16·12	+ 3·5648	− ·0239	+ 10	+31	29	55·9	−16·023	− ·306	− 42	3, 3	11·22, 11·22	2578
886	10 Leon.	5·4	9	33	15·23	+ 3·1733	− ·0076	− 44	+ 7	10	21·0	−16·074	− ·270	− 7	3, 1	12·16, 12·03	2582
887	BD + 67° 602.	6·3	9	33	16·22	+ 5·0106	− ·1366	− 13	+67	36	40·4	−16·075	− ·430	− 45	8, 8	20·00, 20·00	13304
888	42 Lync.	5·4	9	33	41·22	+ 3·7548	− ·0343	− 17	+40	34	38·3	−16·096	− ·319	− 7	4, 4	11·24, 11·24	2584
889	2 Sext.	4·9	9	34	32·81	+ 3·1420	− ·0066	−110	+ 4	59	19·5	−16·141	− ·265	− 63	1, 1	12·27, 12·27	2589
890	Gr. 1564.	6·0	9	35	51·46	+ 5·1844	− ·1592	−115	+69	34	47·7	−16·209	− ·438	− 71	2, 2	15·22, 15·22	2591
891	ι Hyda. F	4·1	9	36	1·602	+ 3·0618	− ·0040	+ 31*	− 0	48	6·01	−16·218	− ·255	− 72*	5, 13	21·22, 20·22	2595
892	Pi 9h, 112.	6·4	9	37	4·74	+ 6·9013	− ·4212	+ 17	+78	28	41·2	−16·272	− ·581	− 3	10, 10	20·84, 20·84	13392
893	o Leon. F	3·7	9	37	9·001	+ 3·2136	− ·0091	− 98*	+10	14	3·44	−16·275	− ·266	− 39*	9, 44	19·01, 16·40	2602
894	BD + 31° 2026.	6·1	9	37	9·20	+ 3·5530	− ·0242	+ 24	+31	37	9·9	−16·276	− ·296	− 7	5, 4	14·81, 15·68	13369
895	13 Leon.	6·5	9	37	19·81	+ 3·4571	− ·0195	− 9	+26	15	18·4	−16·285	− ·287	− 47	2, 2	20·72, 20·72	2603
896	43 Lync.	5·6	9	37	22·01	+ 3·7288	− ·0337	− 51	+40	6	2·1	−16·286	− ·310	− 49	2, 2	11·18, 11·18	2601
897	13 L. Min.	6·6	9	38	11·88	+ 3·6244	− ·0280	− 12	+35	26	13·0	−16·329	− ·300	− 55	5, 5	13·23, 13·23	13388
898	Gr. 1562.	6·3	9	38	29·30	+ 7·2400	− ·4929	− 60	+79	28	55·8	−16·344	− ·604	− 24	6, 7	19·10, 19·35	2598
899	BD + 65° 731.	6·2	9	38	43·92	+ 4·7545	− ·1162	− 79	+65	19	38·6	−16·356	− ·394	+ 9	5, 6	20·86, 20·91	13408
900	f Leon.	5·8	9	39	9·78	+ 3·5233	− ·0230	− 21	+30	19	13·6	−16·378	− ·289	−109	4, 4	11·97, 11·97	2608

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. " ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″						
901	Br. 1364	5·4	9 41 13·77	+ 4·2654	− ·0732	+ 5	+57 28 23·4	−16·481	− ·346	+ 25	4, 4	12·72, 12·72	2614
902	ϵ Leon. S	3·1	41 35·891	+ 3·4126	− ·0178	− 30*	+24 7 13·14	−16·500	− ·275	− 24*	15, 16	17·01, 17·26	2618
903	15 L. Min.	5·3	42 45·44	+ 3·8579	− ·0437	+212	+46 22 17·4	−16·606	− ·308	− 99	3, 5	14·54, 14·03	2626
904	Gr. 1579	6·3	44 32·10	+ 4·7411	− ·1207	− 86	+65 56 36·9	−16·644	− ·378	− 32	5, 5	19·83, 19·83	13519
905	16 L. Min.	7·0	45 37·83	+ 3·6928	− ·0336	+ 12	+39 58 53·6	−16·697	− ·291	− 7	5, 6	20·85, 20·76	2633
906	20 Leon.	6·2	9 45 38·44	+ 3·3645	− ·0159	− 31	+21 31 46·8	−16·697	− ·263	− 23	3, 3	19·91, 19·91	2634
907	ν U. Maj. S	3·8	45 40·346	+ 4·3223	− ·0809	−379*	+59 23 33·20	−16·699	− ·341	−158*	11, 12	16·15, 16·91	2632
908	6 Sext.	6·2	47 27·3	+ 3·0231	− ·0024	+ 9	− 3 53 27·9	−16·785	− ·234	− 30	0, 10	12·22	2641
909	17 L. Min.	7·0	47 49·31	+ 3·6476	− ·0315	− 44	+38 16 1·5	−16·802	− ·282	− 30	6, 7	20·75, 20·68	2644
910	μ Leon. S	4·1	48 30·171	+ 3·4322	− ·0195	−163*	+26 21 39·00	−16·835	− ·264	− 63*	20, 19	14·25, 14·35	2648
911	Gr. 1585	6·7	9 49 36·04	+ 4·3972	− ·0908	+ 9	+61 28 14·6	−16·887	− ·338	− 4	5, 6	17·83, 17·91	13613
912	Pi 9h, 187	6·2	51 43·15	+ 5·4284	− ·2178	−148	+73 14 13·9	−16·986	− ·413	− 47	8, 7	15·12, 12·17	2656
913	Pi 9h, 201	6·2	52 0·57	+ 4·1962	− ·0741	+ 34	+57 46 34·1	−16·999	− ·317	− 62	6, 6	19·93, 19·93	2660
914	83 B. Leon.	6·2	52 27·51	+ 3·1883	− ·0084	− 61	+ 9 17 21·9	−17·020	− ·239	+ 7	6, 6	12·25, 12·25	2663
915	19 L. Min.	5·2	53 6·00	+ 3·6926	− ·0357	−102	+41 24 48·2	−17·050	− ·276	− 37	9, 10	13·13, 13·62	2665
916	Gr. 1591	7·0	9 53 13·41	+ 3·7941	− ·0426	+ 4	+45 46 21·1	−17·055	− ·283	− 38	5, 4	19·83, 19·99	13704
917	ν Leon.	5·5	54 11·50	+ 3·2313	− ·0104	− 21	+12 48 11·5	−17·100	− ·238	− 29	5, 5	11·47, 11·61	2672
918	Gr. 1594	5·8	54 42·78	+ 4·1496	− ·0716	− 39	+57 10 17·9	−17·123	− ·307	− 43	5, 5	14·66, 14·66	2673
919	Pi 9h, 221	6·0	55 17·09	+ 3·4723	− ·0226	− 77	+30 0 18·6	−17·149	− ·255	− 50	3, 3	11·21, 11·21	2675
920	12 Sext.	6·9	55 49·72	+ 3·1179	− ·0056	− 50	+ 3 44 34·5	−17·174	− ·227	+ 11	1, 1	12·30, 12·27	2678
921	π Leon. F	5·0	9 56 15·101	+ 3·1743	− ·0080	− 23*	+ 8 24 16·92	−17·193	− ·231	− 27*	12, 47	20·17, 18·27	2680
922	20 L. Min.	5·8	56 42·08	+ 3·5056	− ·0248	−409	+32 17 41·0	−17·213	− ·255	−440	7, 7	12·38, 12·38	2681
923	BD + 84° 225	6·5	56 48·89	+ 9·9058	−1·4024	− 31	+84 16 56·2	−17·218	− ·732	+ 4	11, 11	20·63, 20·63	13814
924	Pi 9h, 230	5·8	58 38·28	+ 3·3498	− ·0164	− 13	+22 18 41·9	−17·299	− ·239	− 19	5, 6	19·87, 19·76	2682
925	Pi 9h, 229	6·0	59 37·96	+ 4·0037	− ·0618	− 17	+54 15 19·5	−17·343	− ·285	− 11	4, 4	20·02, 20·02	2684
926	BD + 53° 1384	6·4	10 0 15·93	+ 3·9493	− ·0575	− 4	+52 44 7·3	−17·371	− ·280	− 28	8, 8	15·12, 15·12	13842
927	21 L. Min.	4·5	3 0·65	+ 3·5404	− ·0282	+ 44	+35 36 40·3	−17·490	− ·246	− 6	6, 6	12·43, 12·43	2692
928	η Leon. F	3·5	3 14·796	+ 3·2737	− ·0128	− 1*	+17 7 44·40	−17·500	− ·225	− 12*	17, 41	19·01, 18·35	2694
929	Pi 9h, 246	6·5	3 56·30	+ 3·4774	− ·0244	− 64	+31 58 22·6	−17·529	− ·238	− 88	7, 7	16·55, 16·55	13917
930	α Leon. F	1·2	4 22·796	+ 3·2140	− ·0100	−169*	+12 20 3·69	−17·548	− ·219	− 3*	9, 22	19·36, 16·36	2698
931	Pi 9h, 254	6·7	10 6 28·09	+ 3·6256	− ·0349	− 11	+41 1 51·8	−17·635	− ·244	− 12	9, 7	13·40, 13·99	2701
932	Gr. 1619	6·0	6 46·49	+ 3·5638	− ·0307	− 24	+37 46 19·5	−17·648	− ·239	− 33	8, 8	15·77, 15·77	13985
933	λ Hyda. F	3·8	6 55·913	+ 2·9385	+ ·0016	−137*	−11 58 58·27	−17·654	− ·195	− 93*	9, 22	20·71, 20·12	2706
934	BD + 27° 1862	6·5	9 35·79	+ 3·3952	− ·0203	− 12	+27 30 28·0	−17·764	− ·222	− 3	5, 5	19·85, 19·85	14037
935	Gr. 1623	6·2	9 58·05	+ 4·1573	− ·0832	+ 20	+60 21 28·4	−17·779	− ·272	− 5	6, 7	12·57, 12·53	14054
936	Pi 10h, 10	6·7	10 10 22·34	+ 3·3156	− ·0157	−101	+21 32 31·9	−17·795	− ·215	− 88	6, 5	20·09, 20·05	14056
937	22 L. Min.	6·8	10 48·22	+ 3·4535	− ·0241	− 34	+31 50 28·1	−17·812	− ·223	− 18	3, 3	19,93, 19·93	2720
938	BD + 71° 534 pr.	6·1	11 49·83	+ 4·8819	− ·1766	− 61	+71 26 9·9	−17·853	− ·316	− 50	11, 11	19·66, 19·43	14101
939	BD + 26° 2064	6·2	12 30·73	+ 3·3641	− ·0188	− 78	+25 44 41·1	−17·880	− ·214	+ 24	5, 5	19·87, 19·87	14106
940	ζ Leon. S	3·4	12 31·362	+ 3·3391	− ·0173	+ 16*	+23 47 29·32	−17·881	− ·212	− 15*	12, 14	20·52, 20·53	2730
941	λ U. Maj. S	3·4	10 12 34·865	+ 3·6414	− ·0380	−149*	+43 17 22·13	−17·883	− ·232	− 45*	19, 18	13·36, 13·52	2729
942	32 U. Maj.	5·9	12 36·60	+ 4·3961	− ·1127	−144	+65 28 59·3	−17·884	− ·282	− 13	4, 4	13·78, 13·78	2726
943	22 Sext. F	5·5	13 54·202	+ 2·9922	+ ·0001	−108*	− 7 41 37·91	−17·935	− ·187	+ 2*	5, 10	20·86, 21·06	2735
944	BD + 47° 1761	6·2	14 21·86	+ 3·7133	− ·0444	− 21	+47 8 14·2	−17·953	− ·233	− 38	6, 6	20·60, 20·60	14145
945	BD + 49° 1940	6·2	14 47·85	+ 3·7486	− ·0476	− 97	+48 46 31·1	−17·970	− ·234	−128	6, 7	19·91, 19·67	14154
946	BD + 25° 2231	6·7	10 14 50·27	+ 3·3499	− ·0182	− 33	+25 5 16·6	−17·971	− ·209	− 13	5, 5	20·82, 20·82	14151
947	Gr. 1638	5·1	15 40·73	+ 3·8993	− ·0616	− 19	+54 35 38·3	−18·004	− ·242	− 16	3, 3	18·97, 18·97	2740
948	Pi 10h, 26	6·0	17 21·90	+ 4·6176	− ·1449	− 96	+69 7 32·2	−17·991	− ·289	− 41	4, 4	15·26, 15·26	2737
949	Gr. 1433	6·0	17 43·59	+ 3·5851	− ·0353	−109	+41 36 40·6	−18·082	− ·218	−150	2, 2	16·28, 16·28	2750
950	μ U. Maj. S	3·1	17 52·097	+ 3·5892	− ·0357	− 73*	+41 52 38·01	−18·087	− ·218	+ 20*	10, 10	18·25, 18·25	2751

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec.	Sec. Var.	P.M. ·000	No. Obs.	Epoch 1900 +	Boss
951	30H U. Maj.....S	5·0	10	18	44·664	+ 4·3529	− ·1146	− 18*	+65	56	46·88	−18·120	− ·264	− 23*	12, 11	21·03, 21·01	2754
952	29H Caml.....P	5·6		18	59·919	+ 9·1424	−1·4295	−880*	+84	38	4·53	−18·129	− ·561	− 40*	119, 84	17·05, 16·15	2745
953	Pi 10h, 53.....	6·5		19	27·43	+ 3·4005	− ·0222	− 4	+29	59	44·6	−18·146	− ·203	− 16	4, 6	21·28, 21·29	14266
954	28 L. Min.....	5·9		19	50·26	+ 3·4557	− ·0262	− 8	+34	5	55·0	−18·161	− ·206	− 28	3, 3	18·29, 18·29	2761
955	30 L. Min.....	4·9	10	21	37·21	+ 3·4504	− ·0262	− 54	+34	10	43·0	−18·226	− ·201	− 83	3, 3	19·95, 19·95	14315
956	30H Caml.....P	5·3		22	5·060	+ 7·5445	− ·8633	−440*	+82	56	28·61	−18·243	− ·448	+ 25*	82, 41	18·19, 17·94	2762
957	Pi 10h, 70.....	6·2		23	1·91	+ 3·5666	− ·0356	− 46	+41	59	6·0	−18·277	− ·205	− 88	4, 4	20·77, 20·77	2773
958	β L. Min.....S	4·4		23	33·152	+ 3·4856	− ·0293	− 99*	+37	5	31·57	−18·296	− ·200	−110*	10, 10	15·68, 15·68	2776
959	BD + 45° 1832.....	6·8		24	5·78	+ 3·6272	− ·0411	− 24	+45	35	45·0	−18·315	− ·207	− 30	5, 6	20·07, 20·11	14377
960	BD + 64° 789.....	6·0	10	25	14·66	+ 4·2057	− ·1036	− 86	+64	38	34·6	−18·356	− ·239	− 56	5, 7	13·05, 12·83	14404
961	32 L. Min.....	6·0		25	44·19	+ 3·5102	− ·0319	− 9	+39	18	34·4	−18·373	− ·196	− 4	7, 7	13·98, 13·98	2787
962	36 U. Maj.....	5·0		25	50·58	+ 3·8751	− ·0659	−214	+56	21	56·9	−18·376	− ·218	− 38	8, 7	14·62, 14·96	2785
963	33 L. Min.....	6·1		27	36·17	+ 3·4102	− ·0245	+ 10	+32	45	51·9	−18·437	− ·187	− 8	2, 2	11·29, 11·29	2798
964	Gr. 1658.....	4·9		27	51·88	+ 3·5197	− ·0337	−125	+40	48	42·8	−18·481	− ·191	− 7	5, 5	15·06, 15·06	2802
965	9H Drac.....S	5·0		28	45·951	+ 5·1660	− ·2665	− 79*	+76	5	59·79	−18·477	− ·284	− 10*	23, 23	19·70, 19·70	2799
966	ρ Leon.....F	3·8	10	28	51·837	+ 3·1612	− ·0078	− 5*	+ 9	41	34·94	−18·481	− ·170	− 6*	11, 45	19·10, 17·70	2804
967	34 L. Min.....	5·8		29	13·94	+ 3·4388	− ·0272	− 28	+35	22	31·5	−18·493	− ·186	− 21	2, 2	11·28, 11·28	2808
968	37 U. Maj.....S	5·2		30	20·605	+ 3·8717	− ·0688	+ 83*	+57	28	10·10	−18·530	− ·207	+ 31*	11, 10	20·00, 19·37	2813
969	48 Leon.....	5·4		30	53·46	+ 3·1381	− ·0064	− 72	+ 7	20	24·8	−18·548	− ·166	+ 52	2, 1	12·26, 12·30	2816
970	35 L. Min.....	6·5		32	3·50	+ 3·4459	− ·0286	+ 22	+36	42	58·5	−18·588	− ·181	− 43	7, 7	16·71, 16·71	2819
971	Gr. 1668.....	5·8	10	34	27·28	+ 3·7451	− ·0580	− 98	+54	3	38·0	−18·664	− ·191	− 81	5, 4	12·88, 13·04	2828
972	37 L. Min.....	4·9		34	30·28	+ 3·3815	− ·0238	+ 5	+32	21	58·1	−18·666	− ·172	− 3	6, 6	12·45, 12·45	2829
973	38 L. Min.....	6·0		34	50·90	+ 3·4559	− ·0302	−188	+38	18	5·4	−18·677	− ·175	− 46	7, 7	12·44, 12·44	2831
974	39 L. Min.....	7·3		36	12·23	+ 3·3259	− ·0198	0	+27	55	0·1	−18·720	− ·165	− 13	5, 5	20·64, 20·64	2839
975	38 U. Maj.....	5·2		36	51·13	+ 4·1435	− ·1098	−266	+66	6	35·9	−18·740	− ·207	− 73	3, 3	14·86, 14·86	2841
976	33 Sext.....	6·8	10	37	35·41	+ 3·0671	− ·0018	− 94	− 1	20	48·0	−18·763	− ·149	−129	1, 14	12·30, 12·29	2846
977	35H U. Maj.....	5·3		37	43·39	+ 4·3265	− ·1385	− 14	+69	28	8·7	−18·767	− ·214	− 22	4, 4	13·54, 13·54	2844
978	Pi 10h, 131.....	6·5		37	59·47	+ 3·3663	− ·0234	0	+32	5	22·4	−18·775	− ·164	− 30	3, 3	11·27, 11·26	2847
979	40 L. Min.....	5·6		38	55·11	+ 3·3059	− ·0186	− 79	+26	43	11·9	−18·803	− ·158	− 65	6, 6	14·39, 14·39	2852
980	BD + 68° 617.....	6·3		39	52·68	+ 4·1946	− ·1218	+ 5	+67	48	19·2	−18·832	− ·201	− 3	6, 6	20·27, 20·27	14761
981	39 U. Maj.....	5·9	10	39	59·91	+ 3·8015	− ·0677	+ 21	+57	35	37·0	−18·805	− ·183	− 57	4, 4	20·76, 20·76	2850
982	BD + 20° 2514.....	6·2		40	12·57	+ 3·2400	− ·0138	− 81	+20	9	11·0	−18·842	− ·153	− 33	5, 6	20·28, 20·28	14760
983	41 U. Maj.....	6·7		41	41·12	+ 3·7829	− ·0677	− 58	+57	45	43·4	−18·885	− ·176	− 67	4, 4	20·02, 20·02	2865
984	42 L. Min.....S	5·4		41	41·949	+ 3·3427	− ·0223	− 20*	+31	4	39·78	−18·886	− ·155	− 41*	32, 31	14·32, 14·12	2866
985	37 Sext.....	6·6		42	11·44	+ 3·1256	− ·0057	− 5	+ 6	46	8·4	−18·901	− ·144	− 38	5, 5	12·31, 12·31	2868
986	m Leon.....	5·9	10	42	22·25	+ 3·2282	− ·0131	+ 62	+19	17	14·9	−18·906	− ·148	− 48	4, 4	18·77, 18·77	2869
987	BD + 65° 803.....	6·2		43	50·33	+ 4·0307	− ·1032	+ 13	+65	31	42·3	−18·948	− ·184	− 3	5, 5	20·27, 20·27	14865
988	l Leon.....F	5·5		45	19·003	+ 3·1555	− ·0079	− 1*	+10	56	33·15	−18·990	− ·139	− 33*	17, 61	19·17, 17·31	2883
989	43 U. Maj.....	6·0		46	34·38	+ 3·7203	− ·0643	− 85	+56	58	47·2	−19·025	− ·162	− 3	3, 4	20·60, 20·52	2890
990	Pi 10h, 170.....	7·0		48	0·96	+ 3·6199	− ·0532	− 10	+52	57	51·9	−19·064	− ·155	− 21	4, 4	20·03, 20·03	2895
991	Pi 10h, 171.....	6·8	10	48	2·66	+ 3·6186	− ·0531	− 72	+52	54	11·0	−19·065	− ·155	− 62	2, 2	18·30, 18·30	2896
992	Gr. 1697.....	6·3		48	25·10	+ 4·2166	− ·1406	−784	+70	15	19·6	−19·075	− ·180	− 70	1, 1	12·31, 12·31	2897
993	46 L. Min.....S	3·9		49	7·353	+ 3·3536	− ·0253	+ 74*	+34	37	10·59	−19·094	− ·141	−290*	33, 29	14·53, 14·39	2899
994	ω U. Maj.....	4·9		49	40·10	+ 3·4570	− ·0359	+ 42	+43	35	22·9	−19·108	− ·144	− 35	7, 6	13·27, 13·58	2900
995	47 L. Min.....	5·9		50	48·44	+ 3·3452	− ·0250	+ 48	+34	26	7·6	−19·139	− ·137	− 68	1, 1	11·29, 11·29	2907
996	54 Leon.....	4·5	10	51	33·43	+ 3·2574	− ·0169	− 55	+25	9	1·0	−19·157	− ·130	− 17	4, 4	13·26, 13·26	2909
997	Br. 1514.....	5·2		51	35·53	+ 3·3370	− ·0243	− 84	+33	54	27·6	−19·158	− ·134	− 45	6, 6	17·61, 17·61	2910
998	Pi 10h, 191.....	6·3		51	58·11	+ 3·4298	− ·0342	+ 10	+42	24	39·1	−19·168	− ·139	−100	7, 6	16·72, 17·62	2912
999	BD + 23° 2279.....	6·2		52	14·78	+ 3·2360	− ·0151	− 19	+22	45	7·1	−19·175	− ·129	+ 3	5, 6	19·88, 19·95	15035
1000	50 L. Min.....	7·0		52	30·44	+ 3·2611	− ·0174	− 18	+25	54	3·9	−19·182	− ·130	− 20	6, 6	20·30, 20·30	15039

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
1001	Br. 1508	6·5	10	54	0·62	+ 4·8851	− ·3005	−247	+78	10	20·5	−19·219	− ·194	− 27	11, 13	13·47, 13·39	2918
1002	BD + 52° 1528	6·4	10	54	52·65	+ 3·5572	− ·0506	− 11	+52	17	4·1	−19·241	− ·137	− 4	6, 6	20·29, 20·29	15082
1003	47 U. Maj	5·3	10	55	16·71	+ 3·3946	− ·0317	−280	+40	49	51·1	−19·250	− ·130	+ 50	9, 7	12·13, 12·27	2920
1004	Pi 10h, 203	6·4	10	55	22·00	+ 3·3480	− ·0267	+ 64	+36	29	46·8	−19·253	− ·128	− 56	5, 5	18·67, 18·67	2921
1005	Gr. 1722	5·7	10	55	56·68	+ 3·4535	− ·0388	+ 14	+45	55	43·2	−19·267	− ·131	+ 5	6, 6	14·28, 14·28	2922
1006	Gr. 1719	6·3	10	56	22·39	+ 3·8180	− ·0887	− 62	+63	49	29·8	−19·277	− ·144	− 52	5, 5	20·48, 20·48	15122
1007	49 U. Maj	5·2	10	56	38·69	+ 3·3746	− ·0301	− 57	+39	36	54·9	−19·284	− ·126	− 31	5, 5	12·29, 12·29	9226
1008	*d* Leon F	5·1	10	56	41·288	+ 3·0984	− ·0036	+ 6*	+ 4	1	13·99	−19·285	− ·115	− 21*	11, 26	19·02, 19·49	2927
1009	*β* U. Maj S	2·2	10	57	19·643	+ 3·6240	− ·0614	+102*	+56	47	5·72	−19·300	− ·134	+ 28*	14, 13	17·48, 17·91	2930
1010	Gr. 1727	6·7	10	58	25·55	+ 4·0711	− ·1355	+ 6	+70	26	7·0	−19·326	− ·149	− 34	9, 9	17·90, 17·90	15177
1011	*α* U. Maj S	1·7	10	59	6·827	+ 3·7370	− ·0798	−168*	+62	9	22·86	−19·342	− ·135	− 74*	15, 11	15·49, 17·46	2933
1012	51 U. Maj	6·1	11	0	21·46	+ 3·3477	− ·0286	− 61	+38	38	43·8	−19·370	− ·117	− 5	7, 6	11·29, 11·29	2940
1013	*χ* Leon F	4·7	11	1	8·971	+ 3·1189	− ·0054	−233*	+ 7	44	30·57	−19·387	− ·107	− 47*	22, 64	19·70, 17·82	2942
1014	65 Leon	5·8	11	3	5·09	+ 3·0864	− ·0026	−251	+ 2	21	48·9	−19·430	− ·102	− 87	1, 1	12·33, 12·33	2950
1015	64 Leon	6·7	11	3	39·02	+ 3·2158	− ·0152	− 2	+23	43	45·9	−19·442	− ·106	− 3	4, 4	20·03, 20·03	2951
1016	BD + 68° 632	6·1	11	4	55·62	+ 3·8448	− ·1073	−149	+67	37	1·7	−19·469	− ·125	− 28	5, 5	13·04, 13·04	15332
1017	Pi 10h, 252	5·7	11	5	11·95	+ 3·3089	− ·0262	− 38	+36	42	59·4	−19·474	− ·106	− 30	6, 6	18·45, 18·45	15334
1018	Pi 10h, 254	6·9	11	5	26·96	+ 3·3730	− ·0343	− 60	+43	36	52·5	−19·480	− ·108	− 18	9, 9	17·53, 17·53	15339
1019	*ψ* U. Maj S	3·0	11	5	27·228	+ 3·3868	− ·0361	− 55*	+44	54	20·93	−19·480	− ·108	− 38*	20, 20	14·69, 14·86	2958
1020	B.A.C. 3821	6·4	11	7	24·74	+ 3·8515	− ·1136	+ 53	+68	40	45·3	−19·519	− ·119	+ 7	9, 9	20·84, 20·84	15378
1021	BD + 36° 2162	6·9	11	8	28·01	+ 3·2910	− ·0254	−224	+36	13	32·1	−19·540	− ·099	−177	5, 5	14·51, 14·51	15397
1022	Gr. 1749	7·3	11	9	31·24	+ 3·3308	− ·0311	− 4	+41	29	48·5	−19·560	− ·098	+ 6	7, 7	16·44, 16·44	15425
1023	*δ* Leon S	2·5	11	10	7·363	+ 3·1832	− ·0129	+106*	+20	56	5·38	−19·572	− ·092	−145*	15, 15	16·36, 16·43	2972
1024	*θ* Leon F	3·3	11	10	18·394	+ 3·1544	− ·0096	− 43*	+15	50	23·13	−19·575	− ·091	− 86*	8, 40	17·95, 17·02	2974
1025	Gr. 1755	6·8	11	11	45·41	+ 3·4458	− ·0495	+188	+53	10	50·3	−19·602	− ·095	+ 48	4, 4	13·43, 13·43	2977
1026	*η* Leon	5·7	11	11	56·61	+ 3·1407	− ·0082	− 6	+13	43	1·8	−19·606	− ·087	− 26	2, 2	12·32, 12·32	2978
1027	Pi 11h, 19	6·1	11	12	28·85	+ 3·3993	− ·0429	− 93	+49	53	9·0	−19·615	− ·094	− 19	6, 6	14·61, 14·61	2980
1028	*ψ* Leon	4·6	11	12	51·01	+ 3·0573	+ ·0009	− 75	− 3	14	28·0	−19·622	− ·083	− 44	1, 2	12·30, 12·28	2982
1029	*ξ* U. Maj	4·4	11	14	11·61	+ 3·2383	− ·0200	−333	+31	57	12·4	−19·645	− ·085	−598	4, 5	12·25, 12·25	2984
1030	*ν* U. Maj S	3·5	11	14	25·942	+ 3·2475	− ·0223	− 18*	+33	30	13·10	−19·650	− ·085	+ 15*	20, 18	14·10, 14·41	2985
1031	55 U. Maj	4·8	11	15	3·04	+ 3·2807	− ·0272	− 49	+38	35	50·9	−19·660	− ·085	− 84	3, 4	13·56, 13·24	2987
1032	*δ* Crat F	3·8	11	15	35·372	+ 3·0068	+ ·0066	− 85*	−14	22	21·01	−19·670	− ·076	+195*	4, 12	20·79, 19·13	2989
1033	Pi 11h, 34	6·3	11	16	19·48	+ 3·6844	− ·0998	+ 92	+67	30	45·52	−19·682	− ·093	− 49	6, 6	20·78, 20·78	15586
1034	*σ* Leon F	4·2	11	17	16·200	+ 3·1008	− ·0039	− 63*	+ 6	26	26·38	−19·697	− ·076	− 15*	8, 29	18·68, 16·24	2990
1035	BD + 57° 1316	6·2	11	17	32·04	+ 3·4589	− ·0583	− 61	+57	29	9·1	−19·702	− ·084	+ 16	6, 6	20·45, 20·45	15607
1036	Pi 11h, 43	6·1	11	18	24·94	+ 3·5839	− ·0836	− 7	+64	44	28·1	−19·716	− ·086	+ 36	1, 2	15·28, 14·78	2993
1037	56 U. Maj	5·1	11	18	43·07	+ 3·3031	− ·0330	− 27	+43	53	39·7	−19·721	− ·078	− 24	6, 5	11·31, 11·31	2995
1038	*ι* Leon	4·0	11	20	0·84	+ 3·1176	− ·0062	+105	+10	56	34·6	−19·740	− ·070	− 85	1, 11	12·36, 12·28	2999
1039	Pi 11h, 59	6·0	11	21	43·94	+ 3·4053	− ·0540	− 72	+56	15	42·3	−19·765	− ·074	+ 42	8, 8	14·65, 14·61	3007
1040	BD + 34° 2222	6·8	11	22	24·96	+ 3·2192	− ·0220	− 32	+33	51	44·7	−19·776	− ·068	+ 9	5, 5	14·49, 14·49	15698
1041	83 Leon	6·7	11	22	58·17	+ 3·0857	− ·0020	−482	+ 3	25	16·2	−19·783	− ·064	+173	2, 1	12·18, 12·09	3014
1042	Pi 11h, 74	6·0	11	24	48·40	+ 3·4603	− ·0703	−161	+62	11	9·6	−19·809	− ·068	+242	2, 2	14·76, 14·76	3022
1043	57 U. Maj	5·4	11	25	2·15	+ 3·2417	− ·0273	− 44	+39	44	59·7	−19·812	− ·063	+ 9	5, 5	12·89, 12·89	3023
1044	Gr. 1787	5·9	11	25	32·21	+ 3·3826	− ·0551	−111	+57	9	6·2	−19·818	− ·066	− 40	5, 5	20·84, 20·84	15760
1045	Gr. 1792	7·1	11	26	19·63	+ 3·2832	− ·0362	+ 9	+47	4	14·1	−19·829	− ·062	+ 24	5, 5	19·12, 19·12	15778
1046	58 U. Maj S	6·0	11	26	27·970	+ 3·2582	− ·0316	− 48*	+43	35	5·63	−19·830	− ·061	+ 71*	10, 9	18·08, 18·83	3028
1047	Gr. 1796	6·9	11	26	49·09	+ 3·2894	− ·0380	−230	+48	20	39·4	−19·835	− ·061	− 79	5, 6	20·55, 20·57	15789
1048	*λ* Drac S	4·0	11	26	58·248	+ 3·5929	− ·1074	− 74*	+69	44	43·00	−19·837	− ·067	− 24*	10, 10	21·10, 21·10	3031
1049	Gr. 1797 (m)	5·6	11	28	6·52	+ 3·4143	− ·0667	− 5	+61	29	53·3	−19·851	− ·061	− 79	4, 4	20·76, 20·76	3033
1050	BD + 37° 2195	6·2	11	29	57·41	+ 3·2054	− ·0243	−107	+37	13	51·9	−19·873	− ·053	− 63	8, 8	18·52, 18·52	15857

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
1051	Gr. 1800	5·9	11 30 57·50	+ 3·3158	− ·0492	+ 13	+55 11 59·4	−19·884	− ·053	− 4	6 6	20·46, 20·46	3046
1052	2 Drac	5·5	11 31 39·96	+ 3·5192	− ·1035	+226	+69 44 27·1	−19·892	− ·056	−130	3, 4	14·93, 14·24	3050
1053	ν Leon F	4·5	11 33 6·504	+ 3·0717	+ ·0006	0*	− 0 24 34·23	−19·907	− ·044	+ 35*	4, 25	19·80, 18·54	3058
1054	Gr. 1807	5·9	11 33 49·97	+ 3·2609	− ·0409	− 56	+51 2 2·2	−19·914	− ·046	− 42	5, 6	19·66, 19·76	15947
1055	59 U. Maj	5·7	11 34 21·32	+ 3·2171	− ·0310	−134	+44 2 29·2	−19·919	− ·043	− 52	8, 5	12·30, 12·90	3063
1056	60 U. Maj	6·2	11 34 32·31	+ 3·2331	− ·0351	− 40	+47 15 1·0	−19·921	− ·044	− 34	5, 5	16·69, 16·69	15970
1057	BD + 34° 2242	6·3	11 34 35·05	+ 3·1727	− ·0210	− 23	+34 2 29·2	−19·922	− ·043	− 26	7, 7	14·02, 14·02	15972
1058	61 U. Maj	5·5	11 37 6·32	+ 3·1648	− ·0212	− 7	+34 37 39·1	−19·945	− ·038	−390	6, 7	11·90, 11·95	3075
1059	BD + 55° 1481	6·4	11 37 40·30	+ 3·2625	− ·0482	− 18	+55 35 16·2	−19·950	− ·038	+ 16	8, 8	16·64, 16·64	16052
1060	3 Drac S	5·6	11 38 18·233	+ 3·3727	− ·0838	− 77*	+67 9 36·08	−19·955	− ·038	+ 36*	15, 15	16·43, 15·10	3081
1061	Pi 11h, 149	6·2	11 40 19·04	+ 3·1279	− ·0141	− 13	+25 38 4·1	−19·971	− ·031	+ 13	7, 7	19·83, 19·83	16105
1062	ν Virg	4·3	11 42 0·29	+ 3·0856	− ·0028	− 12	+ 6 56 57·6	−19·983	− ·027	−187	1, 1	12·27, 12·27	3089
1063	χ U. Maj S	3·9	11 42 5·807	+ 3·1894	− ·0350	−136*	+48 11 42·91	−19·984	− ·028	− 16*	25, 19	14·36, 14·18	3090
1064	Gr. 1825	5·6	11 42 55·25	+ 3·2206	− ·0476	+ 19	+56 2 44·0	−19·989	− ·026	− 40	4, 4	12·77, 12·77	3093
1065	β Leon F	2·2	11 45 14·151	+ 3·0958	− ·0071	−342*	+14 59 28·90	−20·033	− ·020	−123*	10, 39	17·88, 16·56	3101
1066	Pi 11h, 164	6·0	11 45 48·29	+ 3·1314	− ·0209	− 96	+35 20 53·3	−20·006	− ·019	− 12	1, 1	11·28, 11·28	3102
1067	β Virg F	3·6	11 46 47·311	+ 3·0757	·0000	+495*	+ 2 11 14·83	−20·011	− ·017	−279*	12, 33	18·12, 16·85	3105
1068	BD + 34° 2264	6·1	11 47 15·89	+ 3·1226	− ·0195	− 17	+33 47 30·3	−20·014	− ·017	+ 12	6, 6	19·96, 19·96	16223
1069	Gr. 1830	6·7	11 48 36·23	+ 3·1249	− ·0231	+3396	+38 16 30·0	−20·020	− ·014	−5807	3, 6	14·94, 13·94	3112
1070	γ U. Maj S	2·3	11 49 53·607	+ 3·1542	− ·0422	+107*	+54 6 42·07	−20·025	− ·012	+ 3*	19, 19	18·14, 18·14	3117
1071	65 U. Maj	6·8	11 51 11·99	+ 3·1276	− ·0317	+ 6	+46 53 38·8	−20·030	− ·009	− 7	6, 6	19·09, 19·09	3120
1072	Br. 1610	7·1	11 51 17·60	+ 3·1270	− ·0316	+ 15	+46 53 13·3	−20·030	− ·009	− 19	5, 6	17·50, 17·96	3122
1073	o Leon	5·7	11 51 49·19	+ 3·0865	− ·0073	+ 17	+16 3 50·5	−20·032	− ·008	− 7	10, 9	11·69, 11·73	3123
1074	66 U. Maj	6·2	11 52 3·80	+ 3·1441	− ·0468	+ 15	+57 0 58·2	−20·032	− ·007	+ 3	5, 7	13·91, 14·17	3125
1075	Gr. 1838	6·2	11 52 58·91	+ 3·1496	− ·0574	− 43	+61 58 3·4	−20·035	− ·005	− 44	6, 7	17·13, 16·43	16336
1076	Gr. 1843	6·6	11 54 26·64	+ 3·1335	− ·0565	+ 59	+61 52 56·0	−20·039	− ·002	− 4	5, 6	17·72, 17·82	16373
1077	BD + 33° 2176	6·0	11 55 26·27	+ 3·0903	− ·0185	+ 3	+33 35 4·6	−20·041	− ·000	− 4	9, 7	17·50, 19·27	16392
1078	7 Virg	5·5	11 56 6·46	+ 3·0744	− ·0005	− 11	+ 4 4 22·9	−20·042	+ ·001	− 18	4, 4	12·25, 12·25	3135
1079	π Virg F	4·7	11 57 1·799	+ 3·0749	− ·0020	− 3*	+ 7 1 57·07	−20·043	+ ·003	− 33*	13, 28	18·29, 20·21	3139
1080	BD + 36° 2230	5·8	11 57 49·53	+ 3·0821	− ·0205	− 79	+36 27 41·1	−20·044	+ ·003	− 97	6, 7	11·79, 12·28	3141
1081	67 U. Maj	5·2	11 58 18·99	+ 3·0821	− ·0268	−290	+43 27 41·2	−20·044	+ ·006	+ 63	6, 5	12·64, 12·91	3143
1082	BD + 69° 638	7·1	11 59 47·15	+ 3·0762	− ·0778	− 12	+69 26 14·8	−20·045	+ ·008	+ 15	6, 6	18·97, 18·97	16473
1083	o Virg F	4·3	12 1 23·350	+ 3·0715	− ·0029	−147*	+ 9 8 58·49	−20·044	+ ·011	+ 38*	14, 50	18·37, 17·68	3155
1084	Gr. 1852	6·1	12 1 27·19	+ 3·0349	− ·1277	+438	+77 19 30·4	−20·044	+ ·011	− 89	7, 7	13·16, 13·16	3156
1085	BD + 75° 469	6·4	12 6 9·47	+ 2·9379	− ·0999	+ 3	+75 4 42·9	−20·038	+ ·020	+ 2	13, 10	17·80, 18·34	16612
1086	Pi 12h 3	5·7	12 6 57·62	+ 3·9515	− ·0132	− 7	+27 41 56·2	−20·036	+ ·022	− 19	6, 6	19·94, 19·94	16630
1087	Gr. 1858	6·4	12 7 39·20	+ 2·7499	− ·1686	− 93	+82 7 37·1	−20·034	+ ·022	− 1	5, 6	20·66, 20·60	3177
1088	68 U. Maj	6·7	12 8 1·05	+ 2·9996	− ·0423	+ 12	+57 28 19·7	−20·032	+ ·023	− 17	3, 3	14·65, 14·65	3179
1089	4 Coma	6·0	12 8 3·07	+ 3·0496	− ·0122	− 37	+26 17 16·9	−20·032	+ ·024	− 38	2, 2	13·38, 13·38	3180
1090	4 H. Drac S	5·2	12 8 42·266	+ 2·8334	− ·1164	+ 32*	+78 1 57·88	−20·030	+ ·024	+ 18*	20, 22	16·85, 16·43	3182
1091	1 C. Ven	6·5	12 11 0·69	+ 2·9849	− ·0360	− 11	+53 51 6·5	−20·022	+ ·030	− 21	3, 3	12·30, 12·30	3186
1092	δ U. Maj S	3·3	12 11 43·289	+ 2·9658	− ·0409	+137*	+57 26 57·60	−20·018	+ ·031	+ 3*	12, 12	17·89, 17·96	3190
1093	Gr. 1865	6·6	12 12 10·74	+ 2·8411	− ·0800	− 33	+72 58 6·81	−20·016	+ ·031	− 39	11, 12	18·38, 19·12	16744
1094	Pi 12h, 29	5·2	12 12 14·16	+ 3·0236	− ·0165	− 36	+33 28 50·0	−20·014	+ ·033	−116	3, 2	15·99, 18·34	3195
1095	2 C. Ven	6·1	12 12 22·28	+ 3·0100	− ·0223	+ 19	+41 4 38·6	−20·015	+ ·032	− 46	7, 5	11·86, 12·08	3193
1096	Br. 1642	7·2	12 12 57·79	+ 2·6192	− ·1234	+109	+80 32 31·0	−20·012	+ ·031	+ 6	5, 5	20·88, 20·88	3196
1097	BD + 54° 1510	6·2	12 13 47·89	+ 2·9637	− ·0349	+ 38	+53 36 31·9	−20·008	+ ·035	− 54	5, 6	20·09, 20·12	16767
1098	Br. 1672 P	6·5	12 14 31·745	+ 0·4978	+ ·6161	− 69*	+88 6 56·07	−20·004	+ ·013	+ 58*	113, 82	18·38, 18·07	3208
1099	BD + 31° 2350	6·5	12 14 44·89	+ 3·0218	− ·0144	+ 70	+30 40 5·6	−20·003	+ ·037	−130	5, 5	16·90, 16·90	16789
1100	8 Coma	6·4	12 15 32·04	+ 3·0335	− ·0098	− 22	+23 27 4·3	−19·999	+ ·038	− 23	2, 3	20·34, 20·31	3206

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
1101	η Virg.....F	4·0	12	16	4·101	+ 3·0732	+ ·0029	− 41*	− 0	15	0·01	−19·995	+ ·040	− 25*	2, 8	16·30, 16·57	3210
1102	Gr. 1867.....	7·0		16	29·67	+ 2·9969	− ·0195	− 48	+38	19	6·9	−19·992	+ ·040	0	2, 2	19·78, 19·78	3212
1103	Pi 12h, 52.....	6·6		16	32·02	+ 3·0250	− ·0115	−108	+26	25	3·8	−19·993	+ ·040	+ 14	4, 5	20·82, 20·71	16827
1104	B.A.C. 4153.....	5·9		16	33·68	+ 3·0236	− ·0117	− 52	+27	2	17·9	−19·992	+ ·040	−119	6, 7	13·33, 13·04	3214
1105	Pi 12h, 57.....	5·9		18	24·76	+ 3·0223	− ·0106	− 46	+25	11	23·8	−19·980	+ ·044	− 14	5, 5	19·90, 19·90	16866
1106	12 Coma.....	4·9	12	18	44·30	+ 3·0190	− ·0112	− 6	+26	15	43·9	−19·978	+ ·044	− 14	5, 4	11·50, 11·56	3224
1107	4 C. Ven.....	6·2		20	5·93	+ 2·9638	− ·0228	− 76	+42	57	27·9	−19·968	+ ·046	+ 5	2, 1	15·26, 19·23	3229
1108	5 C. Ven.....	5·2		20	23·17	+ 2·9210	− ·0312	+ 10	+51	58	38·8	−19·965	+ ·046	+ 7	4, 4	12·80, 12·80	3230
1109	13 Coma.....	5·3		20	32·92	+ 3·0131	− ·0112	− 17	+26	30	51·8	−19·964	+ ·048	− 23	2, 2	19·78, 19·78	3231
1110	Gr. 1888.....	6·4		21	36·91	+ 2·8122	− ·0479	− 29	+64	13	5·2	−19·956	+ ·047	− 2	7, 6	18·68, 18·68	16941
1111	6 C. Ven.....	5·3	12	22	9·55	+ 2·9667	− ·0196	− 66	+39	26	4·5	−19·951	+ ·050	− 39	15, 13	13·13, 13·08	3235
1112	14 Coma.....	5·2		22	39·19	+ 3·0036	− ·0117	− 17	+27	41	0·9	−19·947	+ ·052	− 18	3, 3	17·64, 17·64	3240
1113	Gr. 1893.....	6·4		23	9·78	+ 2·6491	− ·0643	−339	+72	20	43·3	−19·942	+ ·047	− 21	11, 11	20·63, 20·63	16960
1114	16 Coma.....	5·1		23	14·41	+ 3·0031	− ·0114	+ 1	+27	14	27·5	−19·942	+ ·052	− 13	2, 2	19·72, 19·72	3244
1115	73 U. Maj.....	6·0		24	1·52	+ 2·8645	− ·0348	− 28	+56	7	40·2	−19·934	+ ·051	− 20	6, 4	11·85, 11·85	3248
1116	17 Coma.....	5·4	12	25	10·10	+ 3·0003	− ·0107	− 14	+26	19	40·1	−19·924	+ ·056	− 22	4, 4	19·78, 19·78	3251
1117	20 Coma.....S	5·9		25	57·274	+ 3·0139	− ·0078	+ 27*	+21	18	39·99	−19·916	+ ·058	− 46*	16, 12	14·36, 14·63	3257
1118	δ Corv.....F	3·0		25	58·842	+ 3·1164	+ ·0121	−144*	−16	5	52·43	−19·916	+ ·060	−143*	6, 14	20·66, 19·92	3256
1119	74 U. Maj.....	5·6		26	27·67	+ 2·8184	− ·0375	− 87	+58	49	5·2	−19·911	+ ·056	+ 82	5, 6	12·57, 11·98	3260
1120	7 C. Ven.....	6·5		26	30·65	+ 2·8759	− ·0297	−297	+51	56	57·4	−19·911	+ ·057	+ 15	4, 4	14·03, 14·04	3261
1121	75 U. Maj.....	6·0	12	26	33·90	+ 2·8137	− ·0379	+ 40	+59	10	56·8	−19·910	+ ·056	− 29	5, 5	20·31, 20·31	17042
1122	Gr. 1903.....	6·4		27	16·39	+ 2·8585	− ·0308	+ 18	+53	29	11·4	−19·903	+ ·058	+174	3, 3	15·04, 15·04	3267
1123	β C. Ven.....S	4·4		30	11·063	+ 2·9161	− ·0201	−628*	+41	45	53·27	−19·871	+ ·064	+281*	21, 18	14·23, 14·26	3279
1124	κ Drac.....S	3·8		30	17·416	+ 2·5836	− ·0523	−118*	+70	12	5·27	−19·870	+ ·058	+ 6*	22, 21	18·01, 17·88	3281
1125	23 Coma.....	4·9		31	7·04	+ 2·9959	− ·0083	− 52	+23	2	32·0	−19·860	+ ·068	+ 7	1, 3	12·30, 12·25	3283
1126	24^2 Coma.....F	5·3	12	31	22·129	+ 3·0108	− ·0060	+ 3*	+18	47	23·41	−19·857	+ ·068	+ 16*	6, 23	19·91, 20·04	3285
1127	BD + 22° 2490.....	6·6		31	23·44	+ 2·9980	− ·0079	+ 10	+22	17	42·1	−19·857	+ ·068	− 26	4, 4	20·33, 20·33	17150
1128	6 Drac.....	5·3		31	24·21	+ 2·5565	− ·0514	− 66	+70	26	5·7	−19·855	+ ·060	− 10	5, 5	12·44, 12·44	3287
1129	f Virg.....	6·1		32	55·49	+ 3·0909	+ ·0065	− 20	− 5	25	8·6	−19·838	+ ·073	− 27	1, 1	12·30, 12·30	3290
1130	τ U. Maj.....	Var.	12	32	58·96	+ 2·7421	− ·0362	− 31	+59	53	59·7	−19·837	+ ·066	− 17	2, 2	14·33, 14·33	17178
1131	9 C. Ven.....	6·5		35	9·98	+ 2·8934	− ·0190	− 19	+41	17	13·2	−19·809	+ ·073	− 31	4, 3	11·30, 11·30	3297
1132	χ Virg.....F	4·8		35	22·400	+ 3·1001	+ ·0078	− 51*	− 7	34	58·76	−19·807	+ ·078	− 37*	8, 33	20·58, 18·21	3298
1133	BD + 36° 2295.....	6·3		35	38·09	+ 2·9204	− ·0156	+ 20	+36	21	50·6	−19·803	+ ·074	− 13	7, 7	14·60, 14·60	17231
1134	ρ Virg.....	5·0		38	5·25	+ 3·0312	− ·0014	+ 61	+10	38	56·0	−19·769	+ ·082	−101	9, 8	11·56, 11·47	3309
1135	Gr. 1923.....	7·3	12	38	6·40	+ 0·9501	+ ·1128	−137	+84	3	19·0	−19·768	+ ·031	+ 11	10, 10	19·52, 19·52	17252
1136	76 U. Maj.....S	6·1		38	17·713	+ 2·6343	− ·0373	− 38*	+63	7	29·01	−19·766	+ ·072	− 19*	12, 12	16·52, 16·52	3313
1137	10 C. Ven.....	6·3		41	27·04	+ 2·8733	− ·0169	−306	+39	41	8·7	−19·718	+ ·084	+130	10, 9	13·00, 13·19	3321
1138	Gr. 1922.....	5·6		41	36·62	+ 2·8243	− ·0211	+ 5	+45	50	59·9	−19·716	+ ·083	+ 3	3, 3	14·64, 14·64	3322
1139	d^2 Virg.....	5·4		41	49·77	+ 3·0384	+ ·0001	− 76	+ 8	5	0·0	−19·712	+ ·089	+ 1	1, 2	12·30, 12·30	3323
1140	27 Coma.....	5·4	12	42	54·03	+ 2·9968	− ·0042	+ 4	+16	59	12·9	−19·695	+ ·089	− 5	4, 4	20·32, 20·32	3327
1141	35 Virg.....	6·8		44	2·27	+3·0550	+ ·0023	− 3	+ 3	58	55·5	−19·676	+ ·094	− 12	3, 3	12·33, 12·33	3331
1142	Gr. 1926.....	6·1		44	7·14	+ 2·5669	− ·0345	+ 30	+63	11	25·5	−19·674	+ ·081	− 10	3, 3	15·03, 15·03	3332
1143	7 Drac.....	5·8		44	31·01	+ 2·4593	− ·0374	+ 10	+67	11	58·9	−19·668	+ ·077	− 6	2, 2	15·32, 15·32	3336
1144	BD + 25° 2568.....	6·4		45	8·01	+ 2·9494	− ·0317	−249	+25	15	5·0	−19·657	+ ·093	−116	4, 4	19·79, 19·79	17400
1145	11 C. Ven.....	6·4	12	45	14·96	+ 2·7725	− ·0225	− 66	+48	52	31·1	−19·655	+ ·088	+ 7	3, 3	20·33, 20·33	3338
1146	Gr. 1930.....	6·0		45	23·86	+ 2·6038	− ·0317	+145	+60	43	43·8	−19·653	+ ·083	− 5	6, 6	20·36, 20·36	17404
1147	Gr. 1931.....	6·1		46	37·13	+ 2·8625	− ·0153	− 85	+37	55	28·6	+19·631	+ ·092	+ 14	8, 12	11·70, 11·80	3343
1148	31 Coma.....	5·1		48	2·86	+ 2·9252	− ·0094	− 12	+27	56	54·7	−19·606	+ ·097	− 26	11, 9	11·78, 11·88	3347
1149	32°H Caml.....P	5·5		48	33·940	+ 0·4769	+ ·1916	− 18*	+83	49	13·92	−19·596	+ ·023	+ 15*	169, 102	18·98, 19·13	3356
1150	BD + 34° 2369.....	6·4		50	38·30	+ 2·8757	− ·0124	− 77	+33	56	25·7	−19·557	+ ·100	+ 22	5, 5	18·73, 18·73	17517

No.	STAR	M	1925·0 R.A.			Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.			Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h	m	s	s	s		°	′	″	″	″				
1151	ϵ U. Maj.....S	1·6	12	50	44·071	+ 2·6317	− ·0264	+139*	+56	21	59·82	−19·556	+ ·093	− 11*	7, 9	16·01, 15·60	3363
1152	Gr. 1933.....	6·1		51	31·20	+ 2·7466	− ·0203	− 17	+47	36	11·6	−19·540	+ ·098	− 12	5, 5	19·92, 19·92	17533
1153	δ Virg.....F	3·6		51	49·486	+ 3·0529	+ ·0028	−317*	+ 3	48	17·08	−19·534	+ ·108	− 64*	6, 13	18·06, 16·26	3367
1154	α^2 C. Ven.....S	2·9		52	31·360	+ 2·8294	− ·0148	−199*	+38	43	22·57	−19·521	+ ·102	+ 43*	14, 13	15·86, 15·67	3371
1155	Gr. 1942.....	6·2		53	42·53	+ 2·7449	− ·0192	− 21	+46	35	0·1	−19·497	+ ·101	− 55	5, 5	16·36, 16·36	17582
1156	BD + 76° 473.....	6·2	12	56	34·31	+ 1·7751	− ·0124	+ 15	+75	52	36·2	−19·437	+ ·072	+ 6	10, 10	18·41, 18·41	17637
1157	9 Drac.....	5·8		57	5·65	+ 2·2966	− ·0284	−254	+67	0	6·2	−19·425	+ ·091	− 14	1, 1	11·31, 11·31	3380
1158	ϵ Virg.....F	2·8		58	26·582	+ 3·0051	− ·0005	−185*	+11	21	43·16	−19·397	+ ·119	+ 17*	2, 4	19·88, 17·87	3383
1159	Gr. 1952.....	6·5		59	35·79	+ 2·4746	− ·0253	− 32	+60	7	10·0	−19·371	+ ·101	− 15	5, 5	18·13, 18·13	17702
1160	14 C. Ven.....	5·3	13	2	14·27	+ 2·8105	− ·0121	− 21	+36	11	59·3	−19·310	+ ·118	+ 10	3, 4	11·99, 12·08	3392
1161	Gr. 1956.....	5·9	13	2	30·07	+ 2·7044	− ·0170	+ 4	+45	40	9·8	−19·304	+ ·114	+ 29	3, 4	15·03, 15·36	3396
1162	Gr. 1960.....	6·3		2	30·68	+ 1·8631	− ·0148	− 43	+73	25	34·3	−19·304	+ ·081	+ 15	10, 11	20·64, 20·60	17748
1163	40 Coma.....	6·2		2	43·62	+ 2·9194	− ·0056	+ 23	+23	1	5·4	−19·299	+ ·123	− 57	3, 3	20·35, 20·35	3398
1164	41 Coma.....	5·0		3	34·83	+ 2·8780	− ·0080	+ 19	+28	1	37·4	−19·278	+ ·123	− 85	5, 5	15·54, 15·54	3401
1165	Br. 1745.....	6·9		4	18·31	+ 2·8764	− ·0079	− 32	+27	57	27·6	−19·261	+ ·124	− 70	6, 6	20·35, 20·35	17796
1166	θ Virg.....F	4·4	13	6	3·875	+ 3·1070	+ ·0080	− 26*	− 5	8	20·30	−19·218	+ ·137	− 42*	15, 38	17·95, 16·96	3409
1167	Gr. 1961.....	5·8		6	11·44	+ 2·7773	− ·0124	− 87	+37	49	20·3	−19·214	+ ·124	− 2	9, 10	12·15, 12·08	17826
1168	15 C. Ven.....	6·5		6	15·03	+ 2·7650	− ·0130	− 12	+38	55	58·9	−19·214	+ ·123	− 4	3, 3	19·08, 19·08	3411
1169	Pi 13h, 12.....	6·5		6	56·37	+ 2·3296	− ·0227	− 47	+62	37	42·2	−19·196	+ ·106	− 14	6, 5	19·35, 19·54	17837
1170	18 C. Ven.....	7·5		8	4·47	+ 2·7305	− ·0138	− 25	+41	11	27·6	−19·167	+ 125	− 14	2, 2	19·81, 19·81	3423
1171	β Coma.....S	4·3	13	8	22·496	+ 2·8617	− ·0076	−604*	+28	15	28·63	−19·159	+ ·131	+874*	15, 13	15·57, 15·23	3424
1172	Pi 13h, 27.....	5·1		10	19·11	+ 2·7275	− ·0131	− 39	+40	32	59·1	−19·108	+ ·128	− 1	6, 6	14·88, 14·88	3432
1173	Gr. 1974.....	6·4		11	22·99	+ 1·7167	− ·0048	+ 49	+73	11	46·2	−19·080	+ ·085	− 31	11, 11	20·49, 20·49	17934
1174	19 C. Ven.....	5·9		12	9·93	+ 2·7099	− ·0132	−104	+41	15	3·0	−19·059	+ ·130	− 1	6, 5	12·75, 12·85	3439
1175	σ Firg.....F	5·0		13	48·990	+ 3·0293	+ ·0030	− 9*	+ 5	51	52·77	−19·014	+ ·148	+ 9*	13, 28	20·14, 20·38	3446
1176	BD + 69° 694.....	6·1	13	14	0·82	+ 1·9792	− ·0148	− 27	+68	48	10·3	−19·008	+ ·100	+ 11	5, 6	15·58, 15·71	17991
1177	20 C. Ven.....S	4·8		14	10·929	+ 2·7038	− ·0127	−111*	+40	58	1·44	−19·004	+ ·133	+ 4*	14, 10	15·19, 15·06	3447
1178	Pi 13h, 51.....	6·2		14	59·50	+ 2·7777	− ·0098	+ 26	+34	29	33·4	−18·981	+ ·138	− 5	6, 6	20·04, 20·04	18010
1179	21 C. Ven.....	5·2		15	3·33	+ 2·5592	− ·0164	− 28	+50	4	34·0	−18·979	+ ·128	+ 8	5, 6	11·99, 11·90	3450
1180	B.A.C. 4457.....	6·7		15	37·44	+ 2·7637	− ·0101	− 24	+35	31	18·3	−18·963	+ ·138	+ 5	7, 5	20·05, 19·93	18023
1181	23 C. Ven.....	5·8	13	16	57·49	+ 2·6961	− ·0121	− 51	+40	32	37·9	−18·925	+ ·138	− 20	5, 5	13·06, 13·06	3455
1182	Gr. 1986.....	6·4		20	29·99	+ 2·7210	− ·0103	+ 18	+37	25	30·6	−18·821	+ ·144	− 14	5, 5	17·38, 17·38	18127
1183	ζ^1 U. Maj.....S	2·2		20	54·570	+ 2·4051	− ·0165	+148*	+55	19	0·14	−18·809	+ ·129	− 30*	9, 8	14·62, 14·15	3474
1184	α Virg.....F	0·9		21	14·376	+ 3·1610	+ ·0117	− 28*	−10	46	12·96	−18·799	+ ·168	− 36*	11, 28	19·89, 18·44	3476
1185	Pi 13h, 77.....	5·9		21	32·11	+ 2·8632	− ·0046	0	+24	14	43·5	−18·790	+ ·153	− 14	5, 5	20·15, 20·15	3478
1186	g U. Maj.....	4·0	13	22	13·28	+ 2·3932	− ·0161	+143	+55	22	42·4	−18·769	+ ·130	− 24	9, 8	12·49, 12·63	3480
1187	Gr. 1991.....	5·7		23	3·55	+ 2·5749	− ·0135	+ 23	+46	25	4·4	−18·743	+ ·141	− 29	5, 5	20·36, 20·36	18171
1188	Gr. 1998.....	7·1		23	47·36	+ 1·5426	+ ·0065	0	+72	39	46·6	−18·720	+ ·088	0	10, 9	20·80, 20·69	
1189	Pi 13h, 109.....S	6·3		24	13·188	+ 1·5237	+ ·0076	+ 56*	+72	46	50·37	−18·706	+ ·088	− 17*	21, 21	19·80, 19·63	3488
1190	Gr. 1996.....	6·7		24	33·26	+ 2·0336	− ·0128	−107	+65	7	24·3	−18·696	+ ·115	+ 24	5, 6	18·18, 17·88	18196
1191	70 Virg.....	5·2	13	24	45·95	+ 2·9508	− ·0002	−167	+14	10	51·4	−18·689	+ ·163	−586	2, 2	11·39, 11·38	3487
1192	Pi 13h, 110.....	5·5		25	42·23	+ 2·2158	− ·0149	−114	+60	19	58·5	−18·659	+ ·126	+ 34	4, 4	13·11, 13·11	3494
1193	Gr. 2008.....	6·3		28	0·68	+ 2·6142	− ·0113	− 84	+42	29	29·1	−18·585	+ ·150	+ 19	6, 6	18·32, 17·68	3500
1194	B.A.C. 4526.....	6·3		29	14·98	+ 2·8391	− ·0043	+ 35	+24	44	10·1	−18·544	+ ·165	−213	5, 5	18·75, 18·75	18313
1195	ζ Virg.....F	3·3		30	52·238	+ 3·0747	+ ·0066	−191*	− 0	12	46·54	−18·490	+ ·181	+34*	6, 18	18·53, 16·44	3508
1196	81 U. Maj.....	5·8	13	31	14·48	+ 2·3124	− ·0136	− 20	+55	43	57·5	−18·477	+ ·138	− 10	3, 3	13·06, 12·75	3509
1197	Pi 13h, 136.....S	5·1		31	26·970	+ 2·6735	− ·0090	+ 70*	+37	33	57·93	−18·470	+ ·159	− 19*	11, 11	16·30, 16·30	3511
1198	BD + 25° 2652.....	5·9		33	27·41	+ 2·8258	− ·0040	− 20	+24	59	43·4	−18·401	+ ·171	− 10	6, 5	20·32, 20·34	18399
1199	Gr. 2018.....	6·5		33	36·96	+ 2·4431	− ·0123	− 4	+49	52	8·9	−18·396	+ ·149	− 21	5, 7	17·18, 16·67	18400
1200	BD + 77° 516.....	6·7		33	42·73	+ 0·7841	+ ·0653	− 77	+76	55	45·8	−18·392	+ ·053	− 6	12, 12	21·40, 21·40	18390

No.	STAR	M	1925·0 R.A.			Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.			Prec.	Sec. Var.	P.M. " ·000	No. Obs.	Epoch 1900 +	Boss
			h	m	s	s	s		°	′	″	″	″				
1201	25 C. Ven	5·0	13	34	7·95	+ 2·6755	− ·0083	− 86	+36	40	34·1	−18·378	+ ·164	+ 14	2, 2	12·22, 12·22	3518
1202	Pi 13h, 156 (m)	6·9	13	34	42·76	+ 2·4078	− ·0122	− 16	+51	5	45·5	−18·357	+ ·148	− 7	4, 4	20·39, 20·39	3523
1203	Gr. 2029	5·8	13	35	22·86	+ 1·4466	+ ·0122	− 80	+71	37	25·7	−18·334	+ ·093	− 7	4, 5	13·40, 13·27	3527
1204	82 U. Maj	5·5	13	36	36·68	+ 2·3393	− ·0121	−161	+53	17	58·8	−18·290	+ ·147	+ 55	4, 6	11·90, 11·86	3530
1205	BD + 31° 2526	6·1	13	36	50·83	+ 2·7385	− ·0061	− 62	+31	23	22·1	−18·282	+ ·172	+ 80	5, 6	16·00, 15·40	18479
1206	Pi 13h, 163	6·3	13	37	11·50	+ 2·7749	− ·0050	− 52	+28	26	39·4	−18·269	+ ·174	+ 8	6, 6	20·32, 20·32	18491
1207	BD + 51° 1859	6·8	13	37	24·96	+ 2·3947	− ·0117	−138	+50	53	50·7	−18·261	+ ·152	+ 52	5, 5	18·56, 18·56	18492
1208	2 Boot	5·9	13	37	29·50	+ 2·8402	− ·0029	− 12	+22	52	31·0	−18·259	+ ·178	− 37	4, 4	20·39, 20·39	3533
1209	83 U. Maj	5·0	13	37	53·75	+ 2·2803	− ·0117	− 29	+55	3	39·0	−18·244	+ ·145	− 13	8, 7	12·72, 12·78	3536
1210	Gr. 2034	6·0	13	39	9·78	+ 1·8601	− ·0050	+ 95	+65	12	3·1	−18·197	+ ·120	− 13	2, 2	15·39, 15·39	3539
1211	Gr. 2032	6·4	13	39	17·10	+ 2·5667	− ·0094	− 82	+42	3	5·6	−18·193	+ ·165	+ 0	7, 6	17·26, 16·91	18538
1212	BD + 35° 2474	6·2	13	39	22·97	+ 2·6742	− ·0073	+ 15	+35	21	58·9	−18·189	+ ·172	+ 4	8, 7	20·12, 20·22	18539
1213	Pi 13h, 189	5·9	13	41	0·36	+ 2·3314	− ·0110	− 28	+52	26	28·1	−18·129	+ ·153	− 11	5, 5	17·40, 17·40	18572
1214	Gr. 2053	6·3	13	42	18·85	+ 0·2521	+ ·1182	−230	+78	26	23·5	−18·080	+ ·023	+ 40	3, 4	12·51, 12·24	3557
1215	Gr. 2043	5·8	13	43	4·28	+ 2·6044	− ·0079	− 44	+38	52	43·3	−18·052	+ ·173	− 9	5, 5	15·80, 15·80	18621
1216	τ Boot F	4·6	13	43	41·882	+ 2·8849	− ·0005	−340*	+17	49	48·14	−18·028	+ ·192	+ 26*	19, 42	18·04, 17·38	3558
1217	Gr. 2047	5·8	13	43	45·79	+ 2·6008	− ·0078	− 97	+38	55	2·2	−18·025	+ ·175	− 33	4, 4	19·87, 19·87	3559
1218	84 U. Maj	5·8	13	43	47·86	+ 2·2436	− ·0102	− 12	+54	48	25·7	−18·023	+ ·151	− 11	6, 7	12·22, 12·21	3561
1219	η U. Maj S	1·8	13	44	35·328	+ 2·3788	− ·0110	−121*	+49	41	13·75	−17·993	+ ·160	− 21*	10, 10	20·05, 20·05	3566
1220	Gr. 2055	6·1	13	47	18·99	+ 1·9450	− ·0057	+ 95	+61	51	47·6	−17·887	+ ·136	−104	6, 6	17·88, 17·88	18704
1221	B.A.C. 4628	6·2	13	47	50·70	+ 2·6480	− ·0061	− 5	+35	2	11·2	−17·866	+ ·183	− 72	6, 5	14·57, 15·02	3581
1222	B.A.C. 4632	5·1	13	48	29·07	+ 2·6492	− ·0060	− 19	+34	48	55·7	−17·840	+ ·184	− 37	3, 3	13·07, 13·07	3584
1223	Gr. 2060	6·4	13	49	8·73	+ 1·5028	+ ·0093	−347	+68	41	12·8	−17·814	+ ·108	− 70	6, 6	17·74, 17·74	18744
1224	i Drac S	4·8	13	49	14·493	+ 1·7524	− ·0003	+ 4*	+65	5	36·33	−17·810	+ ·126	− 3*	16, 14	13·88, 13·44	3589
1225	7 Boot	6·0	13	49	37·94	+ 2·8693	− ·0004	− 27	+18	18	7·1	−17·794	+ ·200	− 13	3, 3	19·58, 19·58	3588
1226	Pi 13h, 235	6·1	13	49	46·29	+ 2·7312	− ·0041	− 90	+29	0	59·8	−17·788	+ ·192	+ 14	7, 7	19·70, 19·70	3591
1227	86 U. Maj	5·8	13	51	5·55	+ 2·2126	− ·0084	− 23	+54	5	49·4	−17·736	+ ·157	− 16	3, 4	12·40, 12·16	3597
1228	η Boot F	2·7	13	51	6·808	+ 2·8611	− ·0004	− 45*	+18	46	23·24	−17·735	+ ·202	−367*	18, 40	19·82, 18·57	3596
1229	B.A.C. 4652	6·4	13	52	51·01	+ 2·6719	− ·0049	−104	+32	23	52·5	−17·664	+ ·192	+ 42	8, 8	11·87, 11·87	18843
1230	Pi 13h, 264	6·3	13	55	2·69	+ 2·9003	+ ·0012	− 40	+15	0	53·5	−17·572	+ ·210	− 65	6, 6	20·37, 20·37	3605
1231	Gr. 2068	6·1	13	55	12·30	+ 1·8693	− ·0027	− 45	+61	51	8·9	−17·565	+ ·139	+205	7, 7	11·69, 11·69	18893
1232	11 Boot S	6·3	13	57	46·461	+ 2·7272	− ·0030	− 60*	+27	44	53·92	−17·456	+ ·203	+ 3*	15, 15	17·13, 17·13	3613
1233	τ Virg F	4·3	13	57	49·670	+ 3·0509	+ ·0066	+ 13*	+ 1	54	24·78	−17·453	+ ·226	− 25*	12, 41	17·29, 16·46	3612
1234	Pi 13h, 289	6·5	13	59	13·49	+ 2·3821	− ·0071	+ 15	+46	6	58·6	−17·393	+ ·180	− 79	7, 6	17·24, 17·05	18969
1235	Gr. 2075	6·7	14	0	11·21	+ 1·3261	+ ·0174	− 46	+69	2	22·1	−17·351	+ ·104	+ 2	3, 3	13·07, 13·05	3620
1236	Pi 13h, 296	6·4	14	0	12·41	+ 2·2366	− ·0069	− 30	+51	19	55·5	−17·350	+ ·171	− 14	3, 3	15·04, 15·04	3619
1237	94 Virg	6·9	14	2	19·31	+ 3·1748	+ ·0116	− 5	− 8	32	4·1	−17·257	+ ·243	+ 9	3, 3	12·27, 12·27	3624
1238	α Drac S	3·5	14	2	21·462	+ 1·6320	+ ·0048	− 81*	+64	44	2·55	−17·255	+ ·128	+ 15*	29, 28	15·17, 15·75	3626
1239	BD + 25° 2733	6·2	14	4	49·44	+ 2·7548	− ·0016	− 13	+24	40	14·0	−17·144	+ ·215	− 4	7, 7	20·05, 20·05	19085
1240	9H Boot	5·6	14	4	55·85	+ 2·3987	− ·0060	+ 4	+44	12	37·3	−17·140	+ ·188	− 37	8, 6	13·12, 13·39	3630
1241	Gr. 2082	6·5	14	6	26·85	+ 1·8746	− ·0014	−151	+59	41	33·9	−17·070	+ ·151	− 26	4, 5	14·88, 14·98	3634
1242	d Boot S	4·9	14	6	58·733	+ 2·7383	− ·0016	− 17*	+25	26	46·46	−17·046	+ ·217	− 72*	24, 20	16·49, 16·71	3635
1243	Pi 14h 16	6·5	14	7	58·91	+ 2·6191	− ·0035	− 22	+32	38	51·5	−17·000	+ ·210	+ 15	6, 6	20·01, 20·01	19143
1244	Gr. 2087	6·5	14	8	38·28	+ 1·1988	+ ·0232	− 7	+69	12	58·8	−16·969	+ ·100	− 16	6, 5	18·17, 18·15	19145
1245	κ Virg F	4·2	14	8	53·509	+ 3·1975	+ ·0124	+ 5*	− 9	55	30·80	−16·957	+ ·256	+130*	15, 36	18·24, 18·27	3642
1246	4 U. Min S	5·1	14	9	6·789	− 0·2559	+ ·1465	− 89*	+77	53	59·64	−16·947	− ·013	+ 26*	17, 19	18·94, 19·12	3649
1247	Gr. 2091	5·5	14	10	40·04	+ 1·1141	+ ·0274	− 55	+69	47	4·5	−16·874	+ ·095	− 62	4, 3	19·38, 20·37	3656
1248	κ^1 Boot	6·2	14	10	46·57	+ 2·1443	− ·0046	+ 62	+52	8	18·4	−16·869	+ ·177	− 32	3, 4	20·08, 18·91	3652
1249	κ^2 Boot	4·9	14	10	47·78	+ 2·1441	− ·0045	+ 71	+52	8	24·9	−16·868	+ ·175	− 15	4, 4	17·39, 17·14	3654
1250	Gr. 2089	6·5	14	11	22·08	+ 2·4232	− ·0050	− 4	+41	52	13·7	−16·840	+ ·199	−122	3, 3	20·35, 20·35	3658

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
1251	99 Virg.	4·1	14 12 4·76	+ 3·1448	+ ·0104	− 12	− 5 38 36·2	−16·807	+ ·257	−427	3, 8	12·30, 12·32	3660
1252	α Boot. F	0·0	14 12 14·415	+ 2·8136	+ ·0005	−778*	+19 34 20·36	−16·800	+ ·231	−2005*	15, 27	18·79, 16·86	3662
1253	BD + 20° 2954	5·8	14 13 3·63	+ 2·7991	+ ·0003	−106	+20 28 16·5	−16·760	+ ·231	−110	5, 5	20·15, 20·15	19263
1254	ι Boot. S	4·8	14 13 30·629	+ 2·1415	− ·0042	−157*	+51 42 45·53	−16·739	+ ·179	+ 86*	11, 11	18·12, 18·13	3667
1255	λ Boot. S	4·2	14 13 31·984	+ 2·2998	− ·0049	−179*	+46 25 55·79	−16·737	+ ·192	+151*	11, 10	19·17, 19·17	3666
1256	Br. 1856	6·4	14 14 41·20	+ 2·1362	− ·0040	− 24	+51 39 13·2	−16·682	+ ·180	− 11	4, 4	14·40, 14·40	3674
1257	A Boot.	5·0	14 14 49·60	+ 2·5369	− ·0036	− 13	+35 51 18·3	−16·675	+ ·212	− 4	2, 2	18·43, 18·43	3673
1258	Pi 14h 52	6·5	14 15 1·60	+ 2·2379	− ·0045	− 12	+48 20 54·7	−16·665	+ ·188	− 54	6, 5	16·43, 16·43	19297
1259	λ Virg. F	4·6	14 15 2·880	+ 3·2446	+ ·0142	− 15*	−13 1 35·40	−16·664	+ ·270	+ 23*	8, 13	19·22, 19·69	3672
1260	Gr. 2100	6·3	14 16 43·01	+ 2·4619	− ·0040	+ 18	+39 8 16·7	−16·583	+ ·209	− 21	3, 3	15·38, 15·38	3684
1261	BD + 30° 2513	6·5	14 18 56·42	+ 2·6383	− ·0019	− 26	+29 42 43·4	−16·473	+ ·226	− 32	10, 9	16·56, 17·03	19385
1262	BD + 25° 2770	6·0	14 19 44·89	+ 2·7049	− ·0008	−122	+25 40 38·4	−16·432	+ ·233	+ 64	7, 7	20·08, 20·08	19400
1263	Gr. 2109	6·5	14 22 25·52	+ 2·4488	− ·0033	− 1	+38 43 52·7	−16·297	+ ·215	− 19	6, 5	20·06, 20·18	3703
1264	θ Boot. S	4·2	14 22 38·627	+ 2·0686	− ·0024	−258*	+52 11 48·92	−16·286	+ ·183	−406*	23, 24	15·79, 15·64	3704
1265	f Boot.	5·6	14 22 58·10	+ 2·7954	+ ·0011	− 52	+19 33 47·4	−16·269	+ ·245	+ 15	5, 6	11·74, 11·68	3705
1266	φ Virg. F	5·0	14 24 20·159	+ 3·0988	− ·0088	− 89*	− 1 53 32·88	−16·199	+ ·273	− 10*	17, 36	19·27, 19·21	3710
1267	B.A.C. 4797	6·7	14 25 10·09	+ 2·4868	− ·0027	− 24	+36 31 55·0	−16·156	+ ·221	− 10	5, 5	20·15, 19·93	19519
1268	g Boot.	5·8	14 26 1·66	+ 2·1193	− ·0025	−319	+50 10 48·8	−16·122	+ ·191	− 55	7, 5	12·40, 11·21	3715
1269	Pi 14h, 103	6·5	14 26 36·92	+ 2·5719	− ·0018	− 16	+32 7 27·5	−16·081	+ ·231	− 3	5, 5	16·81, 16·81	19553
1270	204 B. Boot.	6·3	14 26 39·35	+ 2·3509	− ·0031	+138	+42 8 3·9	−16·079	+ ·211	−225	5, 5	18·55, 18·55	19550
1271	5 U. Min. S	4·5	14 27 39·710	− 0·1535	+ ·1150	+ 34*	+76 1 45·47	−16·026	− ·007	+ 17*	21, 23	18·88, 18·11	3718
1272	ρ Boot. S	3·8	14 28 35·887	+ 2·5936	− ·0014	− 78*	+30 41 59·42	−15·977	+ ·235	+110*	15, 16	17·19, 16·82	3717
1273	Gr. 2123	6·0	14 28 59·17	+ 1·4493	+ ·0115	−268	+63 31 1·7	−15·956	+ ·135	+ 3	5, 6	18·75, 17·54	19595
1274	γ Boot. S	3·0	14 29 3·481	+ 2·4261	− ·0026	− 95*	+38 38 8·79	−15·953	+ ·221	+144*	13, 13	15·86, 15·86	3722
1275	Pi 14h, 126	6·4	14 29 40·67	+ 1·6343	+ ·0061	− 64	+60 33 20·6	−15·920	+ ·152	+ 19	2, 2	13·40, 13·40	3723
1276	BD + 56° 1746	6·0	14 30 9·96	+ 1·8779	+ ·0009	+ 8	+55 43 40·7	−15·894	+ ·174	− 22	6, 6	18·08, 18·08	19627
1277	B.A.C. 4820	6·8	14 31 0·26	+ 2·5443	− ·0016	+ 91	+32 51 46·3	−15·849	+ ·236	− 3	5, 5	19·78, 19·78	19650
1278	Gr. 2127	6·9	14 31 21·11	+ 2·1902	− ·0022	− 32	+47 6 52·5	−15·831	+ ·202	− 19	2, 2	19·90, 19·90	3730
1279	σ Boot.	4·6	14 31 24·75	+ 2·5980	− ·0011	+149	+30 4 13·1	−15·827	+ ·239	+120	4, 2	13·91, 14·94	3729
1280	Pi 14h, 128	6·2	14 31 34·55	+ 2·4554	− ·0022	− 26	+36 57 18·1	−15·818	+ ·227	− 62	4, 5	17·40, 17·01	19662
1281	B.A.C. 4830	6·1	14 32 2·40	+ 2·1027	− ·0017	− 48	+49 41 40·7	−15·793	+ ·193	+ 49	3, 3	15·08, 15·08	3733
1282	BD + 23° 2710	6·7	14 32 43·49	+ 2·7123	+ ·0005	− 11	+23 34 23·9	−15·756	+ ·251	+ 15	8, 7	19·89, 19·96	19687
1283	Pi 14h, 148 (m)	7·2	14 35 31·02	+ 2·0030	− ·0002	− 57	+51 54 6·4	−15·605	+ ·189	+ 6	5, 5	20·39, 20·39	3741
1284	BD + 80° 448	6·5	14 35 39·69	− 1·6806	+ ·2857	−365	+79 59 4·2	−15·596	− ·147	+ 84	8, 10	19·01, 18·34	19705
1285	Pi 14h, 156	5·9	14 35 52·52	+ 1·9012	+ ·0010	+ 17	+54 20 49·4	−15·585	+ ·181	− 23	4, 5	15·66, 15·01	3743
1286	33 Boot.	5·5	14 36 2·86	+ 2·2396	− ·0019	− 69	+44 43 39·4	−15·575	+ ·212	− 29	15, 16	13·15, 13·40	3744
1287	BD + 22° 2731	6·0	14 36 57·46	+ 2·7262	+ ·0010	− 14	+22 17 47·3	−15·525	+ ·258	+ 26	8, 8	20·01, 20·01	19762
1288	ζ Boot.	3·8	14 37 34·0	+ 2·8606	+ ·0034	+ 38	+14 2 57·1	−15·491	+ ·271	− 27	0, 5	12·28	3752
1289	μ Virg. F	3·9	14 39 6·317	+ 3·1526	+ ·0105	+ 71*	− 5 19 58·52	−15·405	+ ·300	−322*	19, 46	19·03, 18·27	3758
1290	34 Boot.	5·0	14 40 7·57	+ 2·6378	+ ·0002	− 8	+26 50 46·0	−15·348	+ ·254	− 21	3, 3	12·32, 12·32	3761
1291	Gr. 2146	6·5	14 40 10·71	+ 1·4840	+ ·0104	+104	+61 34 52·9	−15·345	+ ·146	− 35	7, 6	12·00, 12·09	3762
1292	Gr. 2145	6·0	14 40 49·87	+ 2·3288	− ·0016	− 8	+40 46 33·2	−15·307	+ ·225	+ 22	6, 5	18·43, 18·62	3764
1293	ε Boot.	2·4	14 41 42·75	+ 2·6238	+ ·0001	− 36	+27 23 22·5	−15·258	+ ·254	+ 8	2, 2	13·47, 13·47	3771
1294	BD + 33° 2489	6·6	14 42 5·45	+ 2·5067	− ·0008	+ 31	+33 6 19·8	−15·237	+ ·244	− 84	6, 7	18·60, 18·30	19867
1295	109 Virg. F	3·8	1 42 27·311	+ 3·0393	+ ·0074	− 76*	+ 2 12 29·33	−15·216	+ ·295	− 38*	25, 61	18·78, 17·81	3772
1296	Gr. 2152	6·3	14 46 10·33	+ 2·3774	− ·0010	−216	+38 7 9·7	−15·003	+ ·236	+105	4, 4	14·13, 13·13	3785
1297	α^1 Libr.	5·5	14 46 32·17	+ 3·3221	+ ·0155	− 71	−15 41 9·7	−14·982	+ ·328	− 78	1, 1	20·46, 20·46	3784
1298	h Boot.	5·9	14 46 38·26	+ 2·1391	− ·0005	− 8	+46 25 42·5	−14·976	+ ·214	− 88	9, 10	12·06, 12·09	3789
1299	α^2 Libr. F	2·8	14 46 43·547	+ 3·3231	+ ·0155	− 74*	−15 43 51·28	−14·970	+ ·328	− 76*	20, 32	19·60, 19·18	3787
1300	Pi 14h, 193	6·0	14 46 44·65	+ 2·5817	+ ·0002	+ 17	+28 55 32·6	−14·968	+ ·257	− 9	1, 1	12·48, 12·48	3788

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
1301	BD + 24° 2786	5·8	14	46	54·47	+ 2·6727	+ ·0011	+109	+24	13	14·5	−14·960	+ ·266	+ 23	8, 8	19·90, 19·90	19974
1302	39 Boot	6·3		47	8·53	+ 2·0475	+ ·0002	− 72	+49	1	42·7	−14·946	+ ·206	+ 89	1, 1	15·45, 15·45	3793
1303	Gr. 2154	5·6		47	32·23	+ 2·3863	− ·0008	−181	+37	34	45·2	−14·923	+ ·238	+ 85	2, 1	13·98, 12·49	3795
1304	ξ Boot	4·8		47	55·45	+ 2·7578	+ ·0022	+ 92	+19	24	43·8	−14·900	+ ·275	−106	4, 5	12·27, 12·27	3798
1305	Pi 14h, 217	5·8		49	32·25	+ 1·5375	+ ·0090	−169	+59	35	52·8	−14·806	+ ·157	+126	11, 7	13·33, 12·83	3803
1306	β U. Min. S	2·0	14	50	54·318	− 0·1882	+ ·0983	− 74*	+74	27	43·59	−14·725	− ·012	+ 5*	28, 23	18·39, 18·51	3809
1307	Pi 14h, 221	6·1		52	40·78	+ 2·8321	+ ·0036	− 13	+14	44	54·9	−14·619	+ ·289	− 16	2, 11	12·27, 12·34	3811
1308	BD + 32° 2531	6·3		52	52·35	+ 2·4875	·0000	− 37	+32	36	9·1	−14·608	+ ·254	− 5	9, 9	19·94, 19·94	20093
1309	Pi 14h, 235	5·9		53	53·51	+ 1·9796	+ ·0013	+114	+49	56	7·4	−14·547	+ ·205	−232	6, 6	12·42, 12·40	3822
1310	Gr. 2184	6·5		54	47·38	− 1·4572	+ ·2167	− 90	+78	28	46·7	−14·492	− ·140	+ 2	10, 10	17·31, 17·21	20101
1311	Pi 14h, 260 S	5·1	14	56	23·072	+ 0·9614	+ ·0275	−124*	+66	13	50·99	−14·395	+ ·104	+ 32*	18, 19	15·88, 15·69	3827
1312	40 Boot	5·7		56	44·49	+ 2·3034	− ·0001	− 28	+39	33	42·6	−14·374	+ ·239	+ 24	4, 4	14·66, 14·66	3826
1313	δ Libr. F	Var.		56	57·762	+ 3·2075	+ ·0116	− 46*	− 8	13	19·86	−14·360	+ ·332	− 11*	11, 23	19·93, 19·95	3825
1314	Pi 14h, 247	6·3		57	30·58	+ 2·6887	+ ·0019	+ 6	+22	20	30·6	−14·327	+ ·280	− 1	6, 6	20·03, 20·03	20200
1315	β Boot S	3·6		59	7·205	+ 2·2636	+ ·0001	− 40*	+40	41	8·95	−14·228	+ ·238	− 43*	13, 10	15·28, 15·23	3836
1316	Gr. 2182	6·1	14	59	41·53	+ 1·4050	+ ·0123	− 37	+60	29	55·0	−14·193	+ ·150	+ 17	7, 7	12·94, 12·81	3840
1317	Pi 14h, 263	5·8	15	0	6·39	+ 2·3985	+ ·0003	− 39	+35	29	55·8	−14·167	+ ·252	− 13	5, 6	18·81, 18·42	3841
1318	Gr. 2283 P	7·3		1	7·489	−18·8662	+6·4649	− 9*	+87	31	18·14	−14·104	−1·949	+ 19*	144, 88	18·22, 18·08	3877
1319	ψ Boot S	4·6		1	13·903	+ 2·5837	+ ·0012	−133*	+27	14	21·02	−14·097	+ ·274	− 20*	10, 10	18·59, 18·59	3842
1320	ι Boot	6·2		1	19·53	+ 2·0195	+ ·0015	−385	+47	56	44·6	−14·092	+ ·215	+ 30	1, 1	15·41, 15·41	3847
1321	Gr. 2190	7·3	15	1	47·68	+ 0·9266	+ ·0280	+110	+66	4	24·0	−14·062	+ ·102	−132	5, 5	19·80, 19·80	20282
1322	Gr. 2192	6·1		2	48·89	+ 0·9033	+ ·0287	+ 36	+66	12	38·8	−13·999	+ ·100	− 11	5, 5	20·02, 20·04	20297
1323	B.A.C. 4992	5·5		4	8·07	+ 1·7071	+ ·0056	+ 51	+54	50	40·1	−13·916	+ ·186	− 1	3, 3	19·73, 19·73	3856
1324	b Boot	6·1		5	9·49	+ 2·5893	+ ·0015	0	+26	35	16·2	−13·851	+ ·279	− 29	1, 1	15·41, 15·41	3859
1325	Pi 14h, 291	6·2		5	19·53	+ 2·6139	+ ·0017	− 12	+25	23	41·5	−13·841	+ ·281	+ 6	3, 3	20·38, 20·38	3860
1326	Gr. 2194	5·9	15	5	56·67	+ 1·9038	+ ·0029	− 6	+50	20	28·9	−13·801	+ ·207	− 28	6, 6	20·06, 20·06	20380
1327	BD + 19° 2935	6·1		8	39·44	+ 2·7304	+ ·0030	− 3	+19	15	26·4	−13·629	+ ·297	− 2	5, 5	20·39, 20·39	3867
1328	BD + 68° 823	6·2		9	56·00	+ 0·6273	+ ·0390	− 2	+68	3	46·9	−13·546	+ ·073	− 3	5, 5	16·17, 16·17	20451
1329	Gr. 2201	6·5		10	44·18	+ 2·2855	+ ·0010	+ 6	+38	32	42·0	−13·494	+ ·252	− 47	2, 3	14·94, 14·45	3881
1330	Pi 15h, 24	6·5		11	1·74	+ 2·4530	+ ·0011	+ 31	+32	4	1·5	−13·475	+ ·270	− 27	7, 6	20·12, 20·09	20489
1331	Gr. 2206	6·0	15	11	27·63	+ 2·1663	+ ·0012	+ 14	+42	27	0·0	−13·448	+ ·240	− 21	4, 5	16·72, 16·27	20494
1332	Gr. 2208	7·0		12	5·72	+ 2·2804	+ ·0010	− 25	+38	34	38·9	−13·406	+ ·253	+ 41	6, 6	17·62, 17·62	20509
1333	δ Boot S	3·4		12	28·713	+ 2·4119	+ ·0010	+ 71*	+33	35	37·90	−13·382	+ ·267	−127*	11, 9	16·69, 17·86	3887
1334	β Libr. F	2·6		12	58·078	+ 3·2326	+ ·0118	− 67*	− 9	6	25·38	−13·349	+ ·357	− 30*	13, 38	19·01, 17·92	3890
1335	Gr. 2214	5·3		13	45·73	+ 0·6430	+ ·0373	+384	+67	37	52·7	−13·297	+ ·076	−403	3, 2	12·06, 12·36	3893
1336	Pi 15h, 36	5·9	15	15	2·73	+ 2·6902	+ ·0028	− 22	+20	50	46·3	−13·214	+ ·300	− 33	6, 6	20·07, 20·07	3894
1337	o Cor. B	5·8		17	2·50	+ 2·4908	+ ·0015	− 96	+29	53	15·9	−13·082	+ ·281	− 58	3, 3	14·05, 14·05	3908
1338	11 U. Min	5·3		17	8·48	− 0·0624	+ ·0723	+ 44	+72	5	45·8	−13·074	0	+ 5	8, 8	13·75, 13·75	3912
1339	BD + 25° 2902	6·4		17	52·29	+ 2·5943	+ ·0022	− 21	+25	13	39·6	−13·026	+ ·293	− 32	9, 9	19·97, 19·97	20649
1340	B.A.C. 5071	5·9		17	52·73	+ 1·7621	+ ·0051	+ 18	+52	13	40·7	−13·026	+ ·201	+ 1	4, 4	20·36, 20·36	3911
1341	BD + 44° 2453	6·7	15	18	6·27	+ 2·0666	+ ·0021	+ 22	+44	42	22·0	−13·011	+ ·235	−114	11, 8	12·01, 12·01	20651
1342	50 Boot	5·6		18	48·39	+ 2·4058	+ ·0014	− 41	+33	12	6·2	−12·964	+ ·273	− 6	3, 2	14·09, 14·40	3915
1343	Gr. 2221	5·9		19	50·85	+ 2·2190	+ ·0015	− 4	+39	50	54·6	−12·895	+ ·253	− 27	5, 5	17·40, 17·40	3922
1344	η Cor. B	5·2		20	6·20	+ 2·4682	+ ·0016	+101	+30	33	30·1	−12·877	+ ·281	−198	1, 1	12·22, 12·22	3923
1345	γ U. Min. S	2·9		20	49·939	− 0·1064	+ ·0729	− 26*	+72	6	3·30	−12·829	− ·007	+ 12*	21, 19	19·13, 19·41	3928
1346	Gr. 2231	5·7		21	13·12	+ 1·1132	+ ·0191	+ 14	+62	18	49·0	−12·803	+ ·130	− 39	4, 6	19·14, 17·91	20703
1347	B.A.C. 5091	6·0	15	21	23·03	+ 0·9994	+ ·0225	− 24	+63	36	32·2	−12·792	+ ·117	−113	3, 3	17·72, 17·72	3920
1348	BD + 45° 2284	6·2		21	33·36	+ 2·0239	+ ·0025	− 23	+45	32	7·6	−12·780	+ ·232	− 8	7, 6	12·12, 12·10	20720
1349	μ Boot S	4·4		21	39·387	+ 2·2786	− ·0015	−126*	+37	38	21·86	−12·773	+ ·261	+ 78*	12, 10	17·40, 18·29	3926
1350	Gr. 2230	7·1		22	42·03	+ 1·9516	+ ·0032	− 39	+47	19	28·4	−12·703	+ ·225	− 41	3, 3	19·77, 19·77	3932

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
1351	ι Drac.....S	3·4	15 23 15·426	+ 1·3333	+ ·0132	− 6*	+59 13 41·98	−12·665	+ ·156	+ 9*	11, 12	17·63, 17·87	3936
1352	Pi 15h, 83.....	6·4	24 25·28	+ 2·5798	+ ·0024	+ 2	+25 21 42·7	−12·586	+ ·298	− 39	6, 6	20·09, 20·09	3938
1353	β Cor. B.....S	3·7	24 44·180	+ 2·4870	+ ·0019	−133*	+29 21 48·62	−12·564	+ ·288	+ 76*	18, 18	15·02, 15·18	3940
1354	BD + 47° 2227.....	5·9	26 19·56	+ 1·9319	+ ·0035	− 17	+47 27 33·0	−12·456	+ ·226	− 10	9, 10	19·07, 18·52	20825
1355	Pi 15h, 110.....	6·9	26 20·41	+ 1·0585	+ ·0202	+ 48	+62 32 5·3	−12·455	+ ·126	− 29	5, 7	17·63, 16·87	20817
1356	Gr. 2241.....	6·3	15 26 21·94	+ 1·1892	+ ·0165	− 26	+60 55 43·2	−12·453	+ ·141	− 6	5, 5	16·02, 16·02	20819
1357	Pi 15h, 119.....	6·0	28 1·18	+ 1·0622	+ ·0199	− 35	+62 21 21·4	−12·339	+ ·127	− 5	5, 5	14·61, 14·61	20849
1358	ν^1 Boot.....S	5·3	28 14·072	+ 2·1538	+ ·0021	+ 9*	+41 5 16·75	−12·325	+ ·253	− 15*	16, 16	16·76, 16·77	3945
1359	ν^2 Boot.....	5·1	29 5·83	+ 2·1490	+ ·0022	− 20	+41 9 10·4	−12·265	+ ·253	− 15	4, 2	13·95, 14·00	3949
1360	Pi 15h, 136.....	6·0	29 52·43	+ 0·8550	+ ·0259	−170	+64 27 37·6	−12·211	+ ·104	+ 76	3, 3	12·36, 12·33	3958
1361	θ Cor. B.....	4·3	15 29 54·32	+ 2·4205	+ ·0020	− 20	+31 36 40·6	−12·209	+ ·285	− 26	3, 4	13·06, 12·64	3953
1362	γ Libr.....F	4·1	31 19·661	+ 3·3490	+ ·0135	+ 45*	−14 32 25·64	−12·110	+ ·394	− 1*	19, 31	19·41, 18·44	3959
1363	α Cor. B.....S	2·2	31 30·619	+ 2·5307	+ ·0024	+ 90*	+26 57 58·20	−12·097	+ ·299	−102*	12, 9	13·18, 14·40	3961
1364	15 Serp.....	6·3	32 8·99	+ 2·7279	+ ·0038	− 53	+17 54 16·1	−12·053	+ ·323	− 29	4, 3	20·14, 19·71	3963
1365	μ Cor. B.....	5·5	32 29·75	+ 2·1992	+ ·0022	+ 24	+39 15 30·8	−12·029	+ ·262	− 6	6, 5	17·75, 18·00	3967
1366	BD + 38° 2678.....	6·4	15 33 2·75	+ 2·2172	+ ·0021	+ 22	+38 37 18·7	−11·990	+ ·264	− 14	5, 5	19·43, 19·43	20978
1367	Gr. 2255.....	6·1	33 17·04	+ 1·5885	+ ·0079	− 15	+54 10 12·9	−11·973	+ ·191	+ 11	6, 6	18·31, 18·31	20977
1368	θ U. Min.....	5·4	33 36·57	− 1·8066	+ ·1864	−136	+77 35 59·3	−11·951	− ·206	+ 6	2, 3	13·43, 12·79	3982
1369	φ Boot.....	5·4	35 7·89	+ 2·1488	+ ·0024	+ 55	+40 35 48·3	−11·843	+ ·258	+ 47	13, 14	13·59, 13·64	3979
1370	Gr. 2260.....	6·1	35 36·23	+ 1·5448	+ ·0086	− 45	+54 45 14·4	−11·810	+ ·187	− 22	6, 5	16·41, 16·41	21036
1371	Pi 15h, 153.....	6·0	15 35 51·98	+ 1·9122	+ ·0039	+ 82	+47 2 40·6	−11·791	+ ·230	−138	2, 2	14·46, 14·46	3985
1372	Pi 15h, 148.....	6·0	35 54·99	+ 2·3183	+ ·0021	0	+34 55 8·2	−11·788	+ ·278	− 24	6, 4	17·57, 18·62	21048
1373	Gr. 2262.....	6·0	36 22·68	+ 1·7519	+ ·0056	+ 4	+50 40 1·7	−11·755	+ ·212	− 45	6, 6	12·20, 12·20	21054
1374	ζ^2 Cor. B.....	5·1	36 32·37	+ 2·2603	+ ·0022	− 9	+36 52 41·9	−11·743	+ ·272	− 8	2, 1	12·24, 12·21	3988
1375	BD + 69° 806.....	5·9	37 26·11	+ 0·1643	+ ·0509	− 96	+69 31 31·3	−11·680	+ ·024	+ 47	5, 5	14·25, 14·44	21065
1376	Gr. 2267.....	6·5	15 37 29·99	+ 1·3233	+ ·0126	− 7	+58 9 58·9	−11·676	+ ·162	+ 5	6, 6	12·47, 12·47	21076
1377	α Serp.....F	2·7	40 34·363	+ 2·9448	+ ·0062	+ 90*	+ 6 39 38·03	−11·456	+ ·357	+ 38*	4, 30	14·14, 14·05	4001
1378	Gr. 2270.....	5·6	40 48·40	+ 1·6377	+ ·0073	− 64	+52 35 49·3	−11·439	+ ·201	+ 22	4, 3	12·96, 13·45	4004
1379	β Serp.....F	3·5	42 43·504	+ 2·7635	+ ·0043	+ 49*	+15 39 19·66	−11·301	+ ·338	− 57*	5, 14	13·83, 15·53	4009
1380	ν Serp.....	6·0	43 48·35	+ 2·7896	+ ·0045	− 38	+14 20 43·6	−11·223	+ ·340	+ 27	4, 4	19·75, 19·75	4012
1381	BD + 55° 1777.....	6·5	15 44 47·30	+ 1·4447	+ ·0100	−147	+55 42 14·2	−11·152	+ ·180	+ 70	3, 6	15·15, 13·55	21233
1382	κ Serp.....S	4·2	45 21·743	+ 2·7034	+ ·0038	− 32*	+18 22 20·41	−11·110	+ ·333	−101*	9, 8	19·50, 20·50	4015
1383	R Cor. B.....	Var.	45 28·96	+ 2·4715	+ ·0027	+ 3	+28 23 9·2	−11·101	+ ·305	− 18	5, 5	20·33, 20·33	4017
1384	μ Serp.....F	3·4	45 42·240	+ 3·1351	+ ·0088	− 59*	− 3 12 6·27	−11·085	+ ·386	− 28*	5, 13	16·21, 13·96	4016
1385	B.A.C. 5428.....	6·1	45 49·05	+ 1·4459	+ ·0100	+ 12	+55 36 21·6	−11·077	+ ·180	+ 3	2, 3	12·93, 13·78	4022
1386	Gr. 2281.....	7·0	15 46 4·88	+ 1·1578	+ ·0156	− 48	+59 47 54·4	−11·057	+ ·146	− 23	5, 5	19·27, 19·27	21259
1387	ζ U. Min.....S	4·5	46 41·950	− 2·1920	+ ·1978	+ 80*	+78 1 33·61	−11·012	− ·262	− 3*	19, 19	18·75, 19·11	4035
1388	ε Serp.....F	3·7	47 4·552	+ 2·9809	+ ·0066	+ 83*	+ 4 42 8·97	−10·985	+ ·368	+ 57*	12, 25	19·37, 17·66	4026
1389	χ Herc.....	4·7	50 4·43	+ 2·0340	+ ·0034	+399	+42 39 30·4	+10·764	+ ·255	+620	6, 10	13·03, 13·00	4042
1390	Gr. 2288.....	6·2	50 31·78	+ 1·3965	+ ·0106	− 19	+56 2 51·2	−10·731	+ ·177	+ 56	5, 6	12·22, 11·94	4047
1391	Pi 15h, 212.....	6·0	15 51 16·32	+ 2·6493	+ ·0036	− 52	+20 31 47·6	−10·676	+ ·331	+ 39	3, 3	20·01, 20·01	4048
1392	2 Herc.....	5·7	52 7·82	+ 2·0023	+ ·0034	− 43	+43 21 21·8	−10·612	+ ·251	+ 58	5, 3	11·82, 12·05	4054
1393	4 Herc.....	5·8	52 59·10	+ 2·0212	+ ·0035	− 21	+42 47 1·1	−10·549	+ ·255	0	2, 2	14·42, 14·42	4056
1394	γ Serp.....F	3·8	52 59·241	+ 2·7490	+ ·0043	+212*	+15 54 19·35	−10·549	+ ·345	−1296*	26, 46	20·08, 18·89	4055
1395	λ Cor. B.....	5·7	53 3·84	+ 2·1796	+ ·0029	+ 37	+38 9 44·8	−10·543	+ ·276	+ 72	2, 3	14·90, 14·42	4057
1396	φ Serp.....	5·8	15 53 46·93	+ 2·7756	+ ·0045	− 77	+14 37 42·1	−10·490	+ ·349	+ 74	4, 4	18·96, 18·96	4060
1397	Gr. 2295.....	6·1	54 22·18	+ 1·1650	+ ·0148	− 32	+59 7 39·8	−10·446	+ ·149	+ 17	3, 6	12·11, 12·13	21424
1398	ε Cor. B.....	4·2	54 28·98	+ 2·4891	+ ·0030	− 64	+27 5 49·4	−10·437	+ ·314	− 68	8, 6	12·23, 12·36	4063
1399	Gr. 2293.....	6·0	54 51·39	+ 2·1177	+ ·0031	− 57	+39 54 30·9	−10·409	+ ·268	+ 52	6, 5	16·15, 16·10	21445
1400	Gr. 2296.....	5·1	56 0·73	+ 1·4393	+ ·0097	−186	+54 57 38·8	+10·323	+ ·184	+108	4, 2	14·20, 14·86	4072

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
1401	Gr. 2297	5·9	15	56	56·54	+ 1·6908	+ ·0062	+ 6	+50	5	39·5	−10·253	+ ·217	− 61	6, 5	12·43, 12·82	21499
1402	τ Herc	5·4	15	57	52·11	+ 2·6983	+ ·0040	− 37	+18	1	26·7	−10·183	+ ·342	+144	6, 5	12·37, 12·40	4075
1403	Gr. 2302	6·3	16	0	10·57	+ 1·5294	+ ·0082	− 9	+53	1	26·2	−10·009	+ ·198	− 37	4, 3	15·46, 14·46	4085
1404	X Herc	6–7	16	0	23·78	+ 1·8110	+ ·0051	− 44	+47	26	42·9	− 9·992	+ ·234	+ 53	4, 7	13·97, 14·19	21577
1405	ν Herc	4·8	16	0	27·56	+ 1·8628	+ ·0048	+ 55	+46	14	39·5	− 9·987	+ ·239	− 68	2, 2	14·96, 14·96	4089
1406	θ Drac S	4·1	16	0	28·813	+ 1·1622	+ ·0143	−402*	+58	45	53·89	− 9·986	+ ·151	+337*	10, 11	15·22, 16·17	4090
1407	Pi 15h, 266	6·1	16	0	33·88	+ 2·2046	+ ·0030	+ 11	+36	50	15·9	− 9·980	+ ·283	− 22	5, 5	20·17, 20·17	4088
1408	BD + 59° 1697	6·5	16	1	47·34	+ 1·0902	+ ·0156	− 30	+59	36	58·8	− 9·886	+ ·142	− 27	9, 9	12·08, 12·08	21604
1409	BD + 22° 2926	6·4	16	4	7·14	+ 2·5999	+ ·0035	− 11	+22	1	23·6	− 9·709	+ ·336	− 48	9, 8	19·78, 20·20	21678
1410	κ Herc	5·1	16	4	41·37	+ 2·7094	+ ·0041	− 31	+17	14	46·1	− 9·665	+ ·350	− 14	1, 1	12·27, 12·27	4101
1411	Gr. 2310	6·6	16	4	45·54	+ 1·7858	+ ·0053	− 7	+47	42	15·5	− 9·660	+ ·232	0	6, 9	18·44, 17·46	21684
1412	φ Herc S	4·3	16	6	24·309	+ 1·8919	+ ·0045	− 21*	+45	7	50·99	− 9·533	+ ·247	+ 23*	13, 14	20·21, 20·24	4112
1413	BD + 58° 1622	6·5	16	7	34·42	+ 1·1766	+ ·0133	− 26	+58	7	58·3	− 9·443	+ ·155	+ 18	3, 3	20·50, 20·50	4123
1414	BD + 56° 1867	6·3	16	7	46·78	+ 1·3229	+ ·0109	− 40	+56	1	24·6	− 9·427	+ ·174	+ 18	4, 4	20·24, 20·24	21756
1415	10 Herc	6·3	16	8	26·49	+ 2·5546	+ ·0034	− 16	+23	41	16·5	− 9·377	+ ·333	− 18	2, 2	18·00, 18·00	4125
1416	Pi 16h, 25	6·0	16	9	3·47	+ 2·1938	+ ·0032	− 3	+36	37	4·4	− 9·328	+ ·287	− 40	4, 4	20·66, 20·66	4129
1417	Gr. 2318	6·5	16	9	18·59	+ 1·9858	+ ·0040	− 9	+42	33	57·2	− 9·309	+ ·260	+ 21	5, 4	18·67, 20·46	21802
1418	Gr. 2317	6·8	16	9	28·52	+ 2·1056	+ ·0034	− 2	+39	14	51·6	− 9·296	+ ·276	− 29	5, 5	20·42, 20·42	21804
1419	δ Ophi F	2·7	16	10	24·809	+ 3·1454	+ ·0080	− 33*	− 3	30	8·81	− 9·224	+ ·411	−153*	4, 5	19·45, 19·65	4134
1420	Gr. 2326	6·3	16	12	7·90	+ 0·2208	+ ·0361	− 46	+67	20	3·4	− 9·090	+ ·033	− 46	6, 6	18·78, 18·78	21852
1421	16 Herc	6·1	16	12	9·17	+ 2·6628	+ ·0038	− 38	+18	59	47·9	− 9·088	+ ·349	− 90	2, 2	19·88, 19·88	4139
1422	Pi 16h, 40	6·5	16	12	43·74	+ 2·4491	+ ·0032	− 24	+27	36	32·0	− 9·043	+ ·322	− 40	4, 5	20·50, 20·50	21879
1423	19 U. Min S	5·6	16	12	56·271	− 1·7366	+ ·1246	+ 15*	+76	4	1·08	− 9·027	− ·222	+ 7*	21, 16	20·38, 21·17	4151
1424	ν Cor. B	5·9	16	13	44·42	+ 2·4011	+ ·0031	+ 8	+29	20	6·3	− 8·964	+ ·317	− 26	2, 2	15·47, 15·47	4146
1425	Gr. 2329	7·4	16	14	7·02	+ 0·3134	+ ·0327	− 13	+66	33	46·2	− 8·935	+ ·044	− 8	2, 2	20·00, 20·00	4152
1426	ϵ Ophi F	3·1	16	14	21·071	+ 3·1672	+ ·0081	+ 53*	− 4	30	39·20	− 8·916	+ ·417	+ 32*	7, 21	18·22, 15·05	4147
1427	Gr. 2337	6·2	16	15	46·34	− 1·0004	+ ·0822	− 40	+73	34	42·4	− 8·805	− ·128	+ 18	3, 3	12·28, 12·28	4160
1428	B.A.C. 5452	6·3	16	16	49·02	+ 2·6034	+ ·0036	− 14	+21	18	46·2	− 8·723	+ ·345	− 57	5, 5	20·02, 20·02	21976
1429	Gr. 2332	5·8	16	16	59·99	+ 0·9978	+ ·0158	+ 11	+59	56	11·6	− 8·787	+ ·135	+ 20	3, 2	16·13, 15·97	4159
1430	Gr. 2330	6·1	16	17	5·43	+ 1·6774	+ ·0062	− 22	+49	13	0·7	− 8·702	+ ·224	+ 27	6, 6	12·23, 12·24	21974
1431	Gr. 2328	5·7	16	17	20·95	+ 2·0661	+ ·0037	− 96	+39	53	14·5	− 8·681	+ ·273	− 17	3, 4	20·49, 20·51	4161
1432	τ Herc S	3·8	16	17	29·085	+ 1·8035	+ ·0051	− 12*	+46	29	28·30	− 8·670	+ ·241	+ 30*	11, 11	18·70, 19·44	4162
1433	Gr. 2338	6·5	16	18	10·99	− 0·0272	+ ·0418	− 86	+68	43	59·1	− 8·615	+ ·000	+ 43	5, 6	15·90, 15·33	21983
1434	σ Serp	4·9	16	18	16·54	+ 3·0474	+ ·0066	−111	+ 1	12	15·4	− 8·608	+ ·405	+ 43	3, 4	12·31, 12·34	4163
1435	γ Herc F	3·7	16	18	36·649	+ 2·6492	+ ·0038	− 34*	+19	19	41·98	− 8·581	+ ·353	+ 39*	14, 27	20·01, 18·47	4165
1436	ν^1 Cor. B	5·4	16	19	31·99	+ 2·2574	+ ·0033	+ 4	+33	58	29·3	− 8·509	+ ·302	− 49	3, 3	17·46, 17·46	4173
1437	ν^2 Cor. B	5·5	16	19	39·63	+ 2·2602	+ ·0031	+ 3	+33	52	37·8	− 8·499	+ ·302	+ 55	5, 5	19·46, 19·46	4175
1438	η U. Min S	5·2	16	19	40·439	− 1·7560	+ ·1172	−188*	+75	55	43·66	− 8·497	− ·228	+252*	22, 24	21·41, 21·08	4181
1439	ω Herc	4·6	16	21	57·16	+ 2·7650	+ ·0044	+ 30	+14	12	17·8	− 8·316	+ ·370	− 65	6, 16	12·40, 12·43	4182
1440	Gr. 2347	5·6	16	21	58·38	− 0·1422	+ ·0440	− 54	+69	16	58·5	− 8·314	− ·015	− 14	6, 5	19·30, 19·47	4186
1441	25 Herc	5·7	16	22	43·88	+ 2·1363	+ ·0035	+ 3	+37	33	50·4	− 8·254	+ ·288	− 26	2, 2	14·50, 14·50	4184
1442	Gr. 2343	5·8	16	22	46·76	+ 1·3090	+ ·0101	+ 19	+55	22	30·3	− 8·250	+ ·177	+ 16	3, 4	12·78, 12·49	4187
1443	Gr. 2345	5·8	16	22	47·38	+ 0·7951	+ ·0186	− 50	+61	52	0·8	− 8·250	+ ·110	+ 32	2, 2	15·04, 15·04	4191
1444	η Drac S	2·7	16	22	58·248	+ 0·8117	+ ·0184	− 25*	+61	41	1·75	− 8·235	+ ·111	+ 59*	12, 12	17·50, 18·17	4192
1445	Gr. 2350	7·2	16	26	7·43	+ 1·5176	+ ·0075	− 21	+51	45	23·5	− 7·983	+ ·206	+ 8	5, 5	19·83, 19·83	Gr^2 6633
1446	g Herc	5·0	16	26	10·63	+ 1·9672	+ ·0041	+ 20	+42	2	45·3	− 7·979	+ ·266	− 18	3, 4	12·47, 13·26	4201
1447	Gr. 2351	6·4	16	26	48·47	+ 1·5259	+ ·0073	+ 26	+51	34	16·6	− 7·928	+ ·208	− 4	6, 6	15·00, 15·00	22185
1448	β Herc F	2·6	16	26	59·702	+ 2·5854	+ ·0036	− 75*	+21	39	7·19	− 7·913	+ ·350	− 24*	19, 26	17·99, 17·87	4204
1449	λ Ophi	4·0	16	27	7·75	+ 3·0268	+ ·0062	− 32	+ 2	8	48·2	− 7·902	+ ·409	− 84	1, 4	12·28, 12·34	4203
1450	B.A.C. 5530	6·0	16	28	0·85	+ 2·5669	+ ·0035	− 10	+22	21	20·6	− 7·831	+ ·348	− 4	5, 4	18·48, 20·23	22216

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
1451	A Drac.....S	5·1	16	28	7·208	− 0·1208	+ ·0405	− 45*	+68	55	49·83	− 7·822	− ·013	+ 34*	11, 12	15·24, 16·26	4213
1452	BD + 35° 2828.....	6·6	16	28	17·84	+ 2·1986	+ ·0033	+ 5	+35	23	9·0	− 7·808	+ ·298	− 32	5, 5	20·22, 20·22	22224
1453	BD + 45° 2422.....	5·7	16	29	31·71	+ 1·8062	+ ·0049	− 4	+45	45	21·8	− 7·708	+ ·246	+ 28	5, 5	12·23, 12·03	4214
1454	Pi 16h, 182.....	5·8	16	29	51·99	− 3·3517	+ ·1987	−368	+79	7	29·1	− 7·682	− ·448	+113	8, 10	14·63, 14·34	4223
1455	Pi 16h, 140.....	6·0	16	31	21·77	+ 0·8419	+ ·0165	+ 19	+60	58	48·7	− 7·560	+ ·117	− 16	2, 3	12·50, 12·82	4221
1456	σ Herc.....S	4·2	16	31	41·034	+ 1·9345	+ ·0042	− 10*	+42	35	27·07	− 7·535	+ ·264	+ 35*	11, 14	17·45, 16·31	4220
1457	BD + 72° 734.....	6·5	16	32	36·49	− 0·9262	+ ·0654	−103	+72	46	2·5	− 7·460	− ·122	+ 38	11, 9	19·86, 19·54	22290
1458	ζ Ophi.....F	2·5	16	33	1·602	+ 3·3010	+ ·0086	+ 8*	−10	24	59·09	− 7·426	+ ·450	+ 17*	17, 33	19·30, 17·97	4225
1459	Pi 16h, 195.....	6·5	16	33	50·91	− 2·5791	+ ·1423	−299	+77	35	49·5	− 7·359	− ·347	+270	3, 4	13·84, 13·26	4234
1460	Gr. 2362.....	6·1	16	33	59·80	+ 1·7504	+ ·0052	− 15	+46	45	51·8	− 7·347	+ ·240	+ 12	2, 4	16·40, 15·12	4228
1461	Gr. 2370.....	6·1	16	36	9·33	+ 0·5998	+ ·0202	+ 2	+63	13	25·2	− 7·171	+ ·085	− 91	11, 11	12·25, 12·16	22382
1462	Gr. 2369.....	5·5	16	36	29·40	+ 1·2104	+ ·0104	− 18	+56	9	41·7	− 7·143	+ ·168	+ 82	3, 5	14·10, 12·84	4240
1463	42 Herc.....	5·1	16	36	42·68	+ 1·6322	+ ·0060	− 36	+49	4	27·6	− 7·125	+ ·225	+ 27	2, 2	12·44, 12·44	4242
1464	B.A.C. 5597.....	6·1	16	37	53·98	+ 2·4891	+ ·0033	− 22	+25	0	8·9	− 7·028	+ ·342	0	6, 7	17·97, 17·78	22452
1465	39 Herc.....	6·1	16	38	34·12	+ 2·4328	+ ·0034	− 2	+27	3	38·1	− 6·973	+ ·336	− 49	4, 3	13·80, 14·22	4247
1466	η Herc.....S	3·5	16	40	19·404	+ 2·0531	+ ·0037	+ 29*	+39	3	50·72	− 6·829	+ ·284	− 95*	18, 19	14·66, 14·76	4255
1467	g Drac.....	5·0	16	40	23·67	+ 0·4108	+ ·0228	+ 6	+64	43	52·1	− 6·823	+ ·059	− 17	5, 4	12·62, 12·89	4259
1468	Pi 16h, 177.....	6·2	16	41	5·66	+ 2·2187	+ ·0033	− 60	+34	10	33·4	− 6·766	+ ·307	+ 50	7, 7	19·85, 19·85	4258
1469	Gr. 2374.....	6·4	16	41	26·17	+ 1·2190	+ ·0098	+ 58	+55	49	38·0	− 6·737	+ ·169	+ 77	5, 4	13·62, 13·38	4263
1470	BD + 79° 511.....	6·4	16	42	6·88	− 3·4450	+ ·1757	− 76	+79	3	37·3	− 6·682	− ·471	+ 33	11, 12	17·42, 16·59	22491
1471	BD + 43° 2642.....	5·9	16	42	50·61	+ 1·8819	+ ·0043	− 18	+43	21	15·2	− 6·622	+ ·262	− 52	8, 7	13·89, 14·09	22564
1472	Gr. 2377.....	5·0	16	43	52·26	+ 1·1338	+ ·0106	+ 33	+56	54	55·9	− 6·536	+ ·159	+ 56	17, 18	13·69, 13·50	4270
1473	Gr. 2376.....	6·4	16	44	55·69	+ 1·9186	+ ·0041	− 2	+42	22	18·5	− 6·449	+ ·268	− 29	5, 5	15·70, 15·70	22611
1474	48 Herc.....	6·9	16	46	20·24	+ 2·3381	+ ·0031	− 53	+30	5	31·5	− 6·333	+ ·327	+ 75	4, 4	13·78, 13·78	4279
1475	Gr. 2391.....	6·3	16	46	24·84	− 2·7156	+ ·1274	+168	+77	38	37·6	− 6·326	− ·373	+206	3, 3	14·65, 14·65	4293
1476	k Herc.....	5·7	16	46	40·75	+ 2·9086	+ ·0047	+ 35	+ 7	22	34·1	− 6·304	+ ·405	− 8	3, 3	12·36, 12·36	4280
1477	52 Herc.....	4·9	16	47	2·40	+ 1·7533	+ ·0049	+ 21	+46	6	48·3	− 6·274	+ ·245	− 73	6, 7	12·25, 12·03	4284
1478	Gr. 2381.....	6·3	16	47	20·61	+ 1·8654	+ ·0043	− 20	+43	33	31·7	− 6·249	+ ·261	− 14	8, 8	12·22, 12·22	22671
1479	BD + 32° 2795.....	6·8	16	47	53·57	+ 2·2577	+ ·0033	+ 12	+32	40	46·1	− 6·203	+ ·316	+ 39	7, 8	17·49, 17·71	22685
1480	Gr. 2383.....	6·6	16	48	11·87	+ 1·9273	+ ·0040	− 70	+42	1	18·1	− 6·178	+ ·270	+ 64	8, 7	20·32, 20·29	22694
1481	49 Herc.....S	6·7	16	48	39·909	+ 2·7296	+ ·0039	+ 6*	+15	5	56·32	− 6·139	+ ·381	− 7*	17, 17	19·19, 19·19	4291
1482	53 Herc.....	5·6	16	50	7·45	+ 2·2817	+ ·0032	− 75	+31	49	29·7	− 6·017	+ ·320	− 23	8, 8	12·10, 12·21	4300
1483	Gr. 2389.....	7·0	16	51	9·87	+ 1·8845	+ ·0041	+105	+42	57	15·2	− 5·930	+ ·263	−330	2, 2	13·44, 13·44	4305
1484	BD + 47° 2400.....	6·3	16	51	11·96	+ 1·6780	+ ·0052	− 39	+47	32	9·6	− 5·927	+ ·236	+ 99	7, 6	12·06, 12·14	22782
1485	Gr. 2390.....	7·2	16	53	0·26	+ 0·8127	+ ·0136	+ 57	+60	28	55·1	− 5·776	+ ·116	− 12	4, 4	20·39, 20·39	4314
1486	ε U. Min.....P	4·5	16	53	35·582	− 6·2313	+ ·3228	+ 72*	+82	09	47·51	− 5·727	− ·868	− 1*	155, 96	17·85, 16·63	4327
1487	BD + 14° 3155.....	6·5	16	54	5·86	+ 2·7534	+ ·0039	− 61	+13	59	53·0	− 5·685	+ ·387	+ 65	5, 4	19·65, 19·21	22861
1488	κ Oph.....F	3·2	16	54	7·014	+ 2·8586	+ ·0043	−199*	+ 9	29	25·74	− 5·683	+ ·402	− 15*	2, 8	17·96, 15·85	4315
1489	Pi 16h, 258.....	5·8	16	54	35·51	+ 2·4885	+ ·0032	+ 3	+24	29	47·7	− 5·643	+ ·350	− 31	5, 6	20·67, 20·81	22870
1490	Gr. 2392.....	6·9	16	55	28·25	+ 1·8913	+ ·0041	− 11	+42	37	38·7	− 5·570	+ ·267	− 59	5, 5	17·68, 17·68	22882
1491	20 Drac.....	6·8	16	56	2·77	+ 0·2986	+ ·0209	− 72	+65	9	11·7	− 5·521	+ ·045	+ 30	2, 2	14·96, 14·96	4325
1492	ε Herc.....S	3·8	16	57	25·137	+ 2·2985	+ ·0032	− 36*	+31	2	9·10	− 5·406	+ ·325	+ 21*	16, 16	18·30, 18·30	4328
1493	Gr. 2411.....	6·2	16	57	45·37	− 1·2016	+ ·0543	− 7	+73	14	30·1	− 5·377	− ·167	− 25	11, 11	17·56, 17·56	22910
1494	Pi 16h, 291.....	6·3	16	57	58·91	+ 1·1052	+ ·0094	− 57	+56	47	53·5	− 5·358	+ ·158	+ 26	5, 3	14·91, 15·15	4330
1495	d Herc.....	5·4	16	58	50·18	+ 2·2139	+ ·0032	0	+33	40	34·6	− 5·286	+ ·314	− 12	1, 1	12·31, 11·54	4332
1496	BD + 25°, 3183.....	6·1	16	59	14·15	+ 2·4546	+ ·0032	+ 38	+25	36	36·8	− 5·252	+ ·348	+ 84	6, 6	18·36, 18·69	22985
1497	BD + 60° 1728.....	6·4	17	0	19·56	+ 0·7667	+ ·0129	− 76	+60	45	16·2	− 5·160	+ ·110	+ 55	5, 5	14·28, 14·28	22998
1498	BD + 34° 2890.....	5·9	17	1	11·02	+ 2·1713	+ ·0032	− 58	+34	53	38·8	− 5·088	+ ·308	− 9	12, 13	18·57, 18·72	23037
1499	BD + 64° 1170.....	6·1	17	1	50·33	+ 0·3358	+ ·0186	− 82	+64	42	16·2	− 5·032	+ ·050	+ 23	5, 4	14·89, 14·96	23035
1500	60 Herc.....	4·9	17	1	53·90	+ 2·7779	+ ·0038	+ 36	+12	50	34·0	− 5·027	+ ·394	− 17	4, 17	12·16, 12·31	4346

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
1501	Pi 16h, 307	6·7	17	2	47·82	+ 1·8261	+ ·0042	− 8	+43	54	48·1	− 4·952	+ ·260	− 14	5, 5	20·43, 20·43	4349
1502	Pi 16h, 310	6·4		2	50·28	+ 1·5880	+ ·0053	+ 36	+48	54	25·3	− 4·948	+ ·226	− 82	5, 6	13·50, 13·50	4351
1503	μ Drac	5·1		3	46·86	+ 1·2509	+ ·0075	− 83	+54	34	6·3	− 4·868	+ ·178	+ 81	4, 4	13·49, 13·49	4354
1504	Gr. 2427	6·1		4	0·77	− 1·9057	+ ·0692	+ 30	+75	24	8·3	− 4·848	− ·268	− 85	12, 10	16·30, 16·13	23066
1505	Gr. 2415	6·4		5	19·87	+ 1·9594	+ ·0036	− 25	+40	36	47·9	− 4·736	+ ·280	− 28	16, 16	13·99, 14·22	4359
1506	Pi 17h, 3	5·6	17	5	22·51	+ 2·1282	+ ·0033	− 16	+36	1	54·5	− 4·732	+ ·303	− 23	8, 8	15·64, 15·64	4358
1507	η Ophi F	2·4		6	4·511	+ 3·4364	+ ·0071	+ 25*	−15	37	59·73	− 4·673	+ ·489	+ 86*	29, 38	20·19, 20·04	4360
1508	BD + 40° 3019	5·3		7	7·42	+ 1·9471	+ ·0037	− 47	+40	52	12·7	− 4·584	+ ·279	− 03	6, 7	14·03, 13·96	4364
1509	63 Herc	6·5		7	56·77	+ 2·4842	+ ·0031	− 12	+24	19	41·1	− 4·514	+ ·354	+ 14	1, 2	12·52, 12·02	4365
1510	ζ Drac S	3·1		8	33·925	+ 0·1730	+ ·0190	− 21*	+65	48	25·10	− 4·461	+ ·026	+ 20*	24, 22	15·05, 15·36	4368
1511	BD + 52° 2032	6·2	17	8	47·48	+ 1·3745	+ ·0063	− 14	+52	29	59·8	− 4·442	+ ·197	− 13	8, 8	12·11, 12·11	23200
1512	BD + 49° 2604	6·5		9	45·36	+ 1·5274	+ ·0053	+ 18	+49	50	6·4	− 4·359	+ ·219	+ 28	4, 4	12·68, 12·68	23229
1513	α Herc	3·5		11	13·6	+ 2·7356	+ ·0034	− 8	+14	28	28·7	− 4·234	+ ·392	+ 27	0, 3	. 12·30	4373
1514	Pi 17h, 61	5·6		11	53·58	+ 0·5122	+ ·0137	+ 15	+62	57	34·9	− 4·177	+ ·075	+ 46	3, 5	13·85, 13·91	4382
1515	δ Herc S	3·1		11	57·026	+ 2·4654	+ ·0030	− 18*	+24	55	36·08	− 4·172	+ ·353	−163*	14, 15	19·71, 19·35	4376
1516	π Herc S	3·2	17	12	26·038	+ 2·0913	+ ·0032	− 21*	+36	53	34·28	− 4·130	+ ·300	− 2*	25, 27	14·47, 14·82	4381
1517	Pi 17h, 37	6·0		12	34·44	+ 2·4953	+ ·0030	− 20	+23	49	31·0	− 4·118	+ ·358	+ 17	12, 11	18·50, 18·50	23309
1518	BD + 23° 3074	6·7		14	27·37	+ 2·5121	+ ·0030	− 3	+23	10	13·6	− 3·957	+ ·361	− 6	8, 9	20·12, 20·17	23360
1519	μ Herc	5·0		14	33·29	+ 2·2161	+ ·0030	− 16	+33	10	47·6	− 3·949	+ ·318	− 13	8, 7	12·15, 12·24	4388
1520	Gr. 2432	6·8		15	9·90	+ 0·7281	+ ·0108	+ 8	+60	47	36·9	− 3·896	+ ·106	+ 30	7, 7	14·84, 15·24	23358
1521	Gr. 2433	6·7	17	15	34·71	+ 0·7314	+ ·0107	− 60	+60	44	59·9	− 3·861	+ ·106	+ 11	8, 7	14·12, 13·79	4396
1522	Pi 17h, 64	6·0		15	51·99	+ 2·3488	+ ·0030	+ 32	+28	54	1·6	− 3·837	+ ·338	− 15	5, 5	20·27, 20·27	4393
1523	Gr. 2431	5·9		15	52·11	+ 2·0150	+ ·0033	− 16	+38	53	14·1	− 3·836	+ ·290	+ 71	5, 5	12·09, 11·88	23390
1524	Pi 17h, 71	5·6		17	6·37	+ 2·4434	+ ·0030	+ 14	+25	36	46·2	− 3·730	+ ·351	− 19	7, 7	20·22, 20·22	4401
1525	ω Herc	5·5		17	51·00	+ 2·2338	+ ·0030	+101	+32	33	47·2	− 3·666	+ ·322	−1053	1, 2	12·53, 12·43	4403
1526	74 Herc	5·8	17	18	13·98	+ 1·6969	+ ·0041	− 31	+46	18	49·8	− 3·633	+ ·244	+ 38	4, 4	12·96, 12·96	4408
1527	BD + 48° 2506	6·7		18	31·86	+ 1·5994	+ ·0045	+188	+48	15	44·1	− 3·607	+ ·231	− 27	7, 6	12·24, 12·23	23461
1528	BD + 28° 2728	6·6		18	34·86	+ 2·3492	+ ·0029	0	+28	49	50·1	− 3·603	+ ·338	+ 1	8, 8	20·20, 20·20	23474
1529	Gr 2435	5·7		19	15·90	+ 1·9673	+ ·0034	+ 5	+40	2	52·2	− 3·544	+ ·284	− 77	9, 9	15·19, 15·19	4411
1530	BD + 53° 1937	6·0		20	7·88	+ 1·2947	+ ·0059	+ 21	+53	29	28·6	− 3·469	+ ·187	− 7	7, 9	12·53, 12·42	23505
1531	73 Herc	5·9	17	20	58·27	+ 2·5131	+ ·0030	− 34	+23	1	45·1	− 3·397	+ ·361	− 42	6, 7	20·19, 20·10	4416
1532	ρ Herc	4·6		21	5·69	+ 2·0726	+ ·0031	− 32	+37	12	51·3	− 3·386	+ ·299	− 4	4, 5	15·21, 15·06	4419
1533	Pi 17h, 94	6·1		21	10·87	+ 2·7032	+ ·0031	+ 4	+15	40	23·4	− 3·379	+ ·390	+ 9	5, 6	19·11, 19·33	23559
1534	Gr. 2436	6·4		21	30·75	+ 2·0192	+ ·0032	− 13	+38	38	58·5	− 3·350	+ ·292	+ 33	5, 6	19·50, 19·34	23560
1535	Br. 2208	6·7		21	51·27	+ 2·0791	+ ·0030	− 33	+37	1	3·8	− 3·321	+ ·299	+ 35	6, 6	15·16, 15·16	4422
1536	Pi 17h, 99	4·6	17	22	39·09	+ 3·1887	+ ·0044	− 62	− 5	1	18·0	− 3·252	+ ·460	− 49	2, 10	12·45, 12·40	4423
1537	σ Ophi F	4·5		22	47·548	+ 2·9759	+ ·0036	+ 2*	+ 4	12	15·81	− 3·240	+ ·429	+ 3*	26, 43	20·32, 19·98	4425
1538	Pi 17h, 109	5·6		23	34·83	+ 2·5888	+ ·0029	+ 7	+20	8	37·7	− 3·172	+ ·374	+ 12	3, 3	16·54, 16·54	4427
1539	BD + 34° 2971	6·0		24	4·43	+ 2·1569	+ ·0030	− 31	+34	45	27·6	− 3·129	+ ·312	+ 37	6, 7	20·46, 20·45	23647
1540	B.A.C. 5917	5·7		24	43·02	+ 0·7754	+ ·0088	0	+60	6	39·4	− 3·074	+ ·113	+ 35	4, 4	13·00, 13·00	4432
1541	x Herc	6·0	17	24	44·88	+ 1·5895	+ ·0043	0	+48	19	20·5	− 3·071	+ ·230	− 15	25, 25	14·48, 14·06	4430
1542	Pi 17h, 139	6·6		24	57·18	+ 0·8994	+ ·0078	− 11	+58	42	50·7	− 3·053	+ ·131	+ 12	8, 7	19·04, 19·12	23654
1543	Gr. 2456	5·9		25	16·61	− 4·5786	+ ·1109	+ 64	+80	12	15·8	− 3·025	− ·659	0	14, 15	14·55, 14·99	23599
1544	λ Herc	4·7		27	42·37	+ 2·4227	+ ·0028	+ 11	+26	9	57·4	− 2·815	+ ·351	+ 14	6, 5	12·39, 12·38	4438
1545	Pi 17h, 143	6·0		28	4·91	+ 2·2709	+ ·0028	+ 6	+31	12	47·1	− 2·783	+ ·329	+ 4	10, 10	18·50, 19·30	4440
1546	β Drac S	2·8	17	28	44·183	+ 1·3564	+ ·0050	− 15*	+52	21	23·09	− 2·726	+ ·197	+ 7*	13, 14	15·56, 15·70	4443
1547	78 Herc	5·9		28	52·82	+ 2·3551	+ ·0027	+ 7	+28	27	38·8	− 2·714	+ ·341	+ 24	4, 4	18·55, 18·55	4441
1548	BD + 57° 1774	5·9		29	31·40	+ 0·9588	+ ·0069	+ 35	+57	55	53·7	− 2·658	+ ·140	− 34	5, 4	15·26, 15·98	23758
1549	ν¹ Drac S	5·0		30	41·843	+ 1·1633	+ ·0056	+176*	+55	14	6·08	− 2·556	+ ·169	+ 49*	11, 11	20·41, 20·41	4458
1550	ν² Drac S	5·0		30	47·234	+ 1·1640	+ ·0056	+184*	+55	13	24·83	− 2·548	+ ·169	+ 52*	9, 10	20·52, 20·52	4460

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
1551	α Ophi.....F	2·0	17 31 27·114	+ 2·7761	+ ·0029	+ 80*	+12 36 48·66	− 2·490	+ ·403	−235*	21, 46	17·39, 16·78	4459
1552	f Drac.....S	5·3	32 15·658	− 0·2409	+ ·0152	− 26*	+68 10 58·76	− 2·420	− ·034	+137*	11, 11	20·95, 20·95	4464
1553	BD + 57° 1780.....	6·3	32 17·70	+ 0·9818	+ ·0064	+ 16	+57 36 28·1	− 2·417	+ ·143	+ 10	5, 5	18·55, 18·55	23838
1554	Pi 17h, 163.....	6·1	32 47·31	+ 2·5623	+ ·0028	+ 9	+21 2 35·0	− 2·374	+ ·372	− 25	2, 4	19·52, 19·55	4461
1555	BD + 37° 2908.....	5·9	33 7·66	+ 2·0600	+ ·0029	+ 10	+37 20 53·3	− 2·345	+ ·299	− 16	5, 5	19·55, 19·55	23863
1556	BD + 27° 2849.....	7·0	17 33 22·98	+ 2·3785	+ ·0027	+ 18	+27 36 50·4	− 2·323	+ ·345	− 75	5, 5	20·34, 20·34	23872
1557	Pi 17h, 176.....	5·7	33 45·40	+ 2·2805	+ ·0027	+ 21	+30 49 49·6	− 2·290	+ ·331	− 11	5, 5	18·54, 18·54	23879
1558	79 Herc.....	6·0	34 25·69	+ 2·4717	+ ·0027	− 17	+24 21 13·1	− 2·232	+ ·359	− 3	2, 2	18·08, 18·08	4468
1559	y Herc.....	5·7	34 39·89	+ 1·5648	+ ·0038	+ 23	+48 37 42·7	− 2·211	+ ·228	+ 53	3, 3	20·50, 20·50	4471
1560	BD + 69° 930.....	6·0	36 3·84	− 0·4521	+ ·0154	+ 33	+69 20 30·3	− 2·090	− ·065	+ 13	5, 5	19·93, 19·93	23907
1561	Pi 17h, 196.....	6·4	17 37 7·52	+ 2·2662	+ ·0026	− 13	+31 14 28·7	− 1·997	+ ·330	+ 10	6, 5	20·05, 19·75	23967
1562	BD + 69° 933.....	6·5	37 18·10	− 0·5060	+ ·0152	−123	+69 37 2·4	− 1·982	− ·072	−209	6, 7	19·38, 19·42	23939
1563	ι Herc.....S	3·8	37 20·791	+ 1·6936	+ ·0034	− 8*	+46 2 43·64	− 1·978	+ ·246	− 2*	11, 10	18·54, 18·94	4479
1564	Pi 17h, 204.....	7·0	37 51·71	+ 2·2632	+ ·0026	− 56	+31 19 36·5	− 1·933	+ ·329	− 77	4, 4	21·07, 21·07	23984
1565	Br. 2228.....	6·6	38 0·58	+ 2·4652	+ ·0025	− 13	+24 32 57·1	− 1·920	+ ·358	+ 49	2, 2	19·56, 19·56	4480
1566	Gr. 2457.....	6·6	17 38 21·30	+ 1·8101	+ ·0031	+ 48	+43 30 24·5	− 1·890	+ ·263	+ 56	5, 6	20·19, 20·42	23993
1567	BD + 72° 800.....	6·0	38 33·77	− 1·1458	+ ·0203	+ 38	+72 29 45·4	− 1·872	− ·166	+ 19	11, 11	18·97, 18·97	23968
1568	BD + 51° 2243.....	6·2	39 38·56	+ 1·3781	+ ·0041	− 34	+51 51 13·7	− 1·778	+ ·201	− 20	4, 5	18·26, 16·92	24025
1569	β Ophi.....F	2·9	39 46·000	+ 2·9658	+ ·0028	− 28*	+ 4 35 50·53	− 1·767	+ ·431	+152*	24, 54	16·91, 15·46	4487
1570	Gr. 2459.....	6·0	40 52·13	+ 1·7816	+ ·0031	− 38	+44 6 58·7	− 1·671	+ ·259	+ 38	5, 5	16·93, 16·93	24067
1571	BD + 53° 1978.....	5·8	17 42 25·19	+ 1·2501	+ ·0041	+ 28	+53 49 58·3	− 1·536	+ ·183	− 35	5, 4	13·30, 12·98	4494
1572	ψ Drac.....S	5·0	43 16·042	− 1·0748	+ ·0161	+ 36*	+72 11 10·17	− 1·462	− ·156	−267*	23, 26	17·45, 17·33	4504
1573	Br. 2252.....	6·1	43 17·69	− 1·0772	+ ·0161	+ 50	+72 11 43·3	− 1·460	− ·156	−278	3, 5	14·54, 13·36	4505
1574	Gr. 2464.....	6·2	43 23·80	+ 1·9969	+ ·0027	+ 3	+38 54 36·5	− 1·451	+ ·291	− 38	6, 7	19·23, 19·00	24128
1575	Gr. 2465.....	6·5	43 29·82	+ 1·9799	+ ·0027	+ 6	+39 21 0·5	− 1·442	+ ·288	+ 11	5, 5	20·29, 20·29	24131
1576	μ Herc.....S	3·4	17 43 31·324	+ 2·3711	+ ·0025	−243*	+27 45 49·44	− 1·440	+ ·345	−751*	13, 10	14·95, 15·36	4497
1577	BD + 17° 3334.....	5·8	43 49·36	+ 2·6468	+ ·0025	− 8	+17 43 25·5	− 1·414	+ ·385	− 27	3, 4	20·19, 20·04	4499
1578	γ Ophi.....F	3·8	44 7·873	+ 3·0091	+ ·0027	− 18*	+ 2 44 3·61	− 1·387	+ ·438	− 79*	15, 38	19·57, 18·07	4500
1579	30 Drac.....	5·2	47 16·87	+ 1·4370	+ ·0034	− 55	+50 47 50·9	− 1·112	+ ·210	+202	4, 6	12·02, 12·02	4511
1580	BD + 29° 3126.....	5·8	47 28·38	+ 2·3228	+ ·0024	+ 21	+29 20 27·9	− 1·095	+ ·339	+ 40	6, 7	11·99, 12·04	4510
1581	BD + 22 3227.....	5·9	17 47 38·84	+ 2·5245	+ ·0024	+ 7	+22 20 11·3	− 1·080	+ ·368	− 21	5, 5	17·94, 17·94	24251
1582	Pi 17h, 280.....	7·0	48 47·82	+ 1·9492	+ ·0026	− 15	+40 5 25·9	− 0·980	+ ·284	+ 7	7, 7	17·95, 17·81	24279
1583	Br. 2245.....	6·2	49 38·17	+ 1·9527	+ ·0026	− 11	+39 59 51·0	− 0·906	+ ·285	+ 49	1, 1	16·56, 16·56	4518
1584	Gr. 2481.....	6·5	49 56·22	+ 1·6580	+ ·0029	+ 34	+46 39 46·7	− 0·880	+ ·242	−129	5, 5	11·92, 11·92	24317
1585	f Herc.....	5·2	50 51·40	+ 1·9515	+ ·0025	+ 11	+40 1 17·0	− 0·799	+ ·285	+ 47	1, 1	16·53, 16·53	4522
1586	ξ Drac.....S	3·8	17 52 13·802	+ 1·0253	+ ·0037	+119*	+56 53 2·69	− 0·679	+ ·150	+ 75*	21, 17	15·16, 15·60	4531
1587	89 Herc.....	5·8	52 23·64	+ 2·4196	+ ·0023	+ 1	+26 3 38·6	− 0·665	+ ·353	+ 2	1, 2	11·51, 11·92	4528
1588	θ Herc.....S	3·8	53 40·791	+ 2·0567	+ ·0024	+ 3*	+37 15 34·67	− 0·553	+ ·300	+ 4*	12, 12	17·56, 17·56	4535
1589	BD + 55° 1995.....	6·0	54 1·17	+ 1·0939	+ ·0034	+ 37	+55 58 41·6	− 0·523	+ ·159	+116	5, 5	14·28, 14·28	24410
1590	BD + 24° 3283.....	7·0	54 8·50	+ 2·4780	+ ·0022	− 20	+24 0 7·2	− 0·512	+ ·361	+ 72	5, 5	19·35, 19·35	24423
1591	BD + 78° 616.....	6·4	17 54 23·67	− 3·3899	+ ·0163	+ 52	+78 19 13·3	− 0·490	− ·494	+ 16	8, 7	20·68, 20·32	24370
1592	Gr. 2491.....	6·2	54 39·28	+ 1·7200	+ ·0026	+ 4	+45 21 33·7	− 0·467	+ ·251	− 33	4, 5	17·30, 16·15	24428
1593	γ Drac.....S	2·2	54 51·782	+ 1·3934	+ ·0029	− 9*	+51 29 49·75	− 0·449	+ ·203	− 26*	10, 10	20·68, 20·68	4541
1594	ν Ophi.....F	3·4	54 53·974	+ 3·3027	+ ·0022	− 8*	− 9 45 56·32	− 0·446	+ ·481	−118*	13, 36	15·41, 15·32	4536
1595	BD + 36° 2986.....	6·0	56 5·29	+ 2·0915	+ ·0024	+ 2	+36 17 37·0	− 0·342	+ ·305	− 60	5, 5	20·36, 20·36	24488
1596	δ U. Min.....P	4·3	17 56 25·156	−19·5101	+ ·1194	+ 19*	+86 36 50·46	− 0·313	−2·844	+ 49*	150, 96	18·08, 16·98	4591
1597	34 Drac.....	5·8	56 29·02	+ 1·0425	+ ·0062	+ 19	+72 0 46·9	− 0·308	− ·152	− 3	2, 2	13·34, 13·34	4554
1598	Gr. 2494.....	6·1	56 43·64	+ 1·7141	+ ·0026	− 1	+45 28 47·0	− 0·286	+ ·250	+ 22	5, 5	18·97, 18·97	24495
1599	67 Ophi.....F	4·0	56 53·277	+ 3·0043	+ ·0020	+ 1*	+ 2 56 2·59	− 0·272	+ ·438	− 14*	10, 14	15·56, 15·59	4548
1600	Pi 17h, 353.....	6·0	57 47·63	+ 1·7128	+ ·0025	− 6	+45 30 15·6	− 0·193	+ ·250	− 44	3, 3	17·62, 17·62	4558

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
1601	Pi 17h, 347	6·1	17	57	51·46	+ 2·1979	+ ·0023	− 6	+33	12	56·7	− 0·187	+ ·320	− 24	5, 5	20·75, 20·75	24523
1602	BD + 33° 3009	6·4	17	58	51·04	+ 2·1947	+ ·0023	+ 16	+33	18	37·7	− 0·101	+ ·320	+ 24	5, 5	19·76, 19·76	24554
1603	96 Herc.	5·4	17	59	10·62	+ 2·5643	+ ·0021	− 1	+20	49	57·4	− 0·071	+ ·374	− 18	1, 1	15·51, 15·51	4562
1604	97 Herc.	6·5	17	59	21·99	+ 2·5077	+ ·0021	− 5	+22	55	17·9	− 0·056	+ ·365	− 1	3, 4	20·55, 20·30	4563
1605	Gr. 2502	6·6	18	1	11·30	+ 1·5645	+ ·0024	+ 23	+48	27	36·4	+ 0·104	+ ·229	+ 6	2, 2	13·57, 13·57	4572
1606	BD + 21° 3300	7·1	18	2	19·27	+ 2·5427	+ ·0020	+ 8	+21	38	21·8	+ 0·203	+ ·370	+ 5	5, 5	20·55, 20·55	24654
1607	BD + 32° 3047	6·0	18	3	2·09	+ 2·2306	+ ·0022	+ 6	+32	13	23·0	+ 0·265	+ ·325	− 31	5, 5	20·36, 20·38	24671
1608	72 Ophi. F	3·7	18	3	47·601	+ 2·8480	+ ·0018	− 42*	+ 9	33	7·63	+ 0·332	+ ·415	+ 82*	21, 45	19·72, 19·17	4581
1609	Br. 2280.	6·2	18	4	47·99	+ 2·4186	+ ·0020	− 16	+26	5	21·6	+ 0·420	+ ·352	+ 20	2, 1	19·02, 17·57	4587
1610	Br. 2279	6·2	18	4	48·13	+ 2·4187	+ ·0020	− 2	+26	5	5·9	+ 0·420	+ ·352	+ 28	2, 1	16·63, 20·48	4586
1611	BD + 50° 2525	6·9	18	5	5·79	+ 1·4343	+ ·0022	− 3	+50	48	35·2	+ 0·446	+ ·209	+ 99	5, 4	18·17, 19·83	24714
1612	Gr. 2517	5·2	18	5	13·13	+ 1·8070	+ ·0021	+ 13	+43	27	5·9	+ 0·457	+ ·264	− 64	3, 4	17·56, 17·06	4589
1613	Pi 18h, 23	6·9	18	5	15·76	− 0·0646	+ ·0012	+ 30	+66	56	8·9	+ 0·460	− ·010	+ 14	5, 5	20·75, 20·75	24704
1614	BD + 36° 3027	5·7	18	5	26·16	+ 2·0881	+ ·0022	− 72	+36	23	35·5	+ 0·476	+ ·304	−194	3, 3	19·88, 19·88	4593
1615	102 Herc.	4·4	18	5	32·97	+ 2·5653	+ ·0020	− 1	+20	48	6·0	+ 0·486	+ ·374	− 17	2, 2	20·52, 20·52	4590
1616	101 Herc.	5·2	18	5	38·83	+ 2·5857	+ ·0020	− 2	+20	1	56·9	+ 0·494	+ ·377	− 27	2, 2	20·54, 20·54	4592
1617	40 Drac.	6·3	18	5	39·41	− 4·4979	− ·0116	+196	+79	59	33·7	+ 0·495	− ·656	+123	8, 8	14·51, 14·35	4602
1618	41 Drac.	6·0	18	5	45·48	− 4·5004	− ·0119	+167	+79	59	45·0	+ 0·504	− ·656	+114	5, 9	15·36, 14·46	4603
1619	Pi 18h, 6	7·2	18	6	18·10	+ 2·2875	+ ·0021	+ 51	+30	27	8·1	+ 0·551	+ ·333	+128	6, 6	15·60, 15·60	24758
1620	BD + 16° 3390	6·2	18	6	47·77	+ 2·6781	+ ·0018	− 6	+16	27	40·6	+ 0·594	+ ·390	− 12	5, 5	19·56, 19·56	24777
1621	BD + 38° 3095	5·8	18	7	8·56	+ 2·0120	+ ·0021	−265	+38	27	10·8	+ 0·625	+ ·293	−475	6, 5	19·71, 19·55	24778
1622	Gr. 2527	6·2	18	8	59·20	+ 1·2171	+ ·0019	+133	+54	15	47·2	+ 0·785	+ ·177	+248	6, 4	12·87, 13·53	4609
1623	BD + 33° 3044	5·9	18	9	0·57	+ 2·1914	+ ·0021	+ 6	+33	25	40·3	+ 0·788	+ ·319	+ 5	5, 6	11·92, 12·03	24829
1624	BD + 21° 3347	6·0	18	10	5·83	+ 2·5373	+ ·0019	+ 42	+21	51	28·3	+ 0·883	+ ·367	+ 46	6, 6	20·35, 20·35	24869
1625	BD + 60° 1813	6·4	18	10	12·87	+ 0·7237	+ ·0010	− 18	+60	23	24·8	+ 0·893	+ ·105	+ 5	6, 5	14·57, 14·77	24848
1626	Gr. 2529	6·6	18	10	19·56	+ 1·9071	+ ·0021	− 17	+41	7	36·6	+ 0·903	+ ·277	− 50	6, 6	19·52, 19·52	24868
1627	Gr. 2530	6·2	18	10	34·66	+ 2·0014	+ ·0020	− 22	+38	45	6·4	+ 0·925	+ ·291	− 1	5, 5	20·38, 20·38	4614
1628	Gr. 2533	5·6	18	13	18·76	+ 1·8660	+ ·0020	− 5	+42	7	58·8	+ 1·164	+ ·271	− 7	23, 19	13·86, 14·22	4620
1629	Gr. 2539	6·8	18	13	22·14	+ 1·0525	+ ·0011	+ 1	+56	33	43·6	+ 1·169	+ ·153	+ 34	5, 5	20·18, 20·18	4622
1630	Gr. 2535	6·8	18	13	23·25	+ 1·7301	+ ·0020	− 68	+45	11	8·7	+ 1·170	+ ·251	−114	7, 8	16·71, 16·20	24937
1631	36 Drac. S	5·1	18	13	27·866	+ 0·2920	− ·0007	+532*	+64	22	18·16	+ 1·177	+ ·042	+ 31*	12, 12	17·04, 17·20	4623
1632	BD + 23° 3299	6·0	18	15	0·11	+ 2·4994	+ ·0018	+ 2	+23	16	1·1	+ 1·311	+ ·363	− 22	7, 7	19·32, 19·32	24982
1633	37 Drac.	6·3	18	15	43·24	− 0·3518	− ·0040	+ 30	+68	43	46·1	+ 1·374	− ·051	− 60	3, 1	11·59, 11·60	4634
1634	Br. 2302	6·5	18	16	58·42	+ 2·3147	+ ·0019	− 4	+29	37	58·1	+ 1·483	+ ·336	− 5	5, 4	19·12, 19·77	25025
1635	106 Herc.	5·2	18	17	7·49	+ 2·5363	+ ·0018	+ 7	+21	55	43·0	+ 1·496	+ ·368	− 61	3, 3	17·57, 17·57	4636
1636	κ Lyra	4·5	18	17	14·01	+ 2·1036	+ ·0019	− 18	+36	1	46·9	+ 1·507	+ ·305	+ 31	5, 4	12·93, 13·27	4639
1637	38 Drac.	7·0	18	17	25·19	− 0·3469	− ·0047	− 63	+68	42	45·9	+ 1·523	− ·051	− 90	3, 1	11·59, 11·60	4646
1638	η Serp. F	3·3	18	17	25·705	+ 3·1408	+ ·0007	−375*	− 2	55	10·25	+ 1·523	+ ·456	−700*	28, 66	17·82, 17·29	4638
1639	ι Herc.	5·2	18	18	5·47	+ 2·3394	+ ·0018	+ 4	+28	49	59·5	+ 1·581	+ ·340	+ 46	1, 1	13·61, 13·61	4644
1640	Gr. 2549	6·5	18	18	10·62	+ 1·4092	+ ·0013	− 35	+51	18	50·8	+ 1·588	+ ·203	− 52	1, 1	15·63, 11·53	4647
1641	Br. 2308	5·9	18	19	1·02	+ 2·5008	+ ·0017	+ 11	+23	14	45·5	+ 1·661	+ ·362	+ 75	2, 3	20·07, 17·49	4649
1642	Gr. 2555	5·3	18	19	37·55	+ 1·5367	+ ·0015	− 22	+49	4	58·7	+ 1·715	+ ·223	+ 54	7, 6	14·87, 14·74	4653
1643	109 Herc. S	4·0	18	20	30·097	+ 2·5422	+ ·0016	+138*	+21	44	4·64	+ 1·791	+ ·368	−261*	18, 16	16·70, 17·34	4656
1644	μ Lyra	5·1	18	21	45·55	+ 1·9775	+ ·0019	− 18	+39	27	55·8	+ 1·900	+ ·286	− 10	8, 7	13·97, 13·97	4661
1645	φ Drac. (M) S	4·2	18	21	50·056	− 0·8569	− ·0108	− 8*	+71	17	54·06	+ 1·907	− ·125	+ 32*	23, 22	17·85, 18·86	4670
1646	BD + 27° 3016	6·5	18	21	59·55	+ 2·3847	+ ·0017	− 2	+27	21	8·4	+ 1·921	+ ·345	+ 6	7, 7	19·73, 19·73	25147
1647	χ Drac. S	3·6	18	22	24·592	− 1·1973	− ·0143	+1173*	+72	42	2·73	+ 1·957	− ·175	−365*	21, 18	16·50, 16·80	4672
1648	b Drac.	5·1	18	22	48·94	+ 0·8809	− ·0006	− 43	+58	45	24·2	+ 1·992	+ ·127	+ 55	2, 2	12·45, 12·45	4671
1649	Br. 2313 F	4·7	18	24	55·363	+ 3·4192	− ·0006	+ 2*	−14	36	53·69	+ 2·176	+ ·494	− 8*	22, 33	20·49, 20·31	4674
1650	Gr. 2584	7·2	18	25	38·38	+ 0·8041	− ·0013	+ 11	+59	39	30·2	+ 2·238	+ ·096	− 2	6, 6	19·07, 19·07	25214

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
1651	*c* Serp.	5·6	18	25	46·79	+ 3·1200	+ ·0003	+ 15	− 2	2	7·2	+ 2·250	+ ·451	− 31	2, 2	12·60, 12·60	4678
1652	Gr. 2590	6·7	18	26	40·11	+ 0·8197	− ·0014	+ 65	+59	29	55·7	+ 2·327	+ ·117	+ 35	11, 8	12·11, 12·30	4688
1653	BD + 30° 3223	5·6	18	29	57·85	+ 2·2925	+ ·0016	− 1	+30	29	48·9	+ 2·613	+ ·330	− 7	11, 7	12·01, 12·12	4702
1654	Gr. 2598	6·6	18	30	42·46	+ 1·9427	+ ·0015	+ 31	+40	28	26·7	+ 2·678	+ ·280	+ 11	5, 5	19·15, 19·15	25359
1655	1 Aqil F	4·0	18	31	7·509	+ 3·2659	− ·0006	− 15*	− 8	17	51·75	+ 2·714	+ ·470	−317*	18, 4	17·29, 16·73	4705
1656	*d* Drac.	5·0	18	31	16·92	+ 1·0351	− ·0011	− 5	+56	59	16·6	+ 2·728	+ ·148	− 10	7, 4	13·15, 14·33	4707
1657	BD + 34° 3245	5·9	18	32	30·84	+ 2·1671	+ ·0016	+ 1	+34	23	46·6	+ 2·834	+ ·312	− 1	6, 6	20·21, 20·21	25406
1658	BD + 67° 1079	6·8	18	32	30·88	− 0·1557	− ·0099	− 28	+67	43	5·8	+ 2·834	− ·024	− 10	6, 8	21·10, 20·97	25383
1659	Br. 2339	7·3	18	32	50·87	+ 2·0082	+ ·0016	− 12	+38	49	58·9	+ 2·863	+ ·288	− 14	4, 5	20·56, 20·53	4715
1660	Gr. 2655	6·0	18	33	22·75	− 2·8860	− ·0537	− 8	+77	29	23·0	+ 2·909	− ·418	− 5	4, 5	14·27, 14·42	4724
1661	BD + 16° 3563	6·4	18	33	47·10	+ 2·6905	+ ·0011	− 42	+16	7	58·5	+ 2·944	+ ·387	−113	5, 5	19·13, 19·13	25448
1662	Br. 2412	6·2	18	34	5·53	− 7·8849	− ·2204	+ 66	+83	7	22·6	+ 2·971	−1·138	− 25	10, 8	19·42, 19·99	25334
1663	*α* Lyra S	0·0	18	34	23·939	+ 2·0138	+ ·0015	+173*	+38	42	47·13	+ 2·997	+ ·289	+279*	17, 14	14·35, 15·00	4722
1664	Gr. 2618	6·2	18	34	27·76	+ 1·8339	+ ·0013	+ 21	+43	9	27·3	+ 3·003	+ ·263	− 14	7, 7	12·65, 12·80	25464
1665	Pi 18h, 153	6·5	18	35	37·80	+ 1·9806	+ ·0014	0	+39	36	4·4	+ 3·104	+ ·284	+ 3	7, 7	19·60, 19·74	25502
1666	Pi 18h, 173	6·2	18	35	59·20	+ 0·1871	− ·0079	+ 15	+65	25	17·7	+ 3·135	+ ·025	+ 82	6, 5	14·08, 14·58	4727
1667	Pi 18h, 174	5·9	18	36	52·89	+ 0·5435	− ·0050	+ 10	+62	27	28·9	+ 3·212	+ ·077	+ 31	3, 2	13·58, 13·08	4730
1668	Gr. 2627	6·2	18	37	7·95	+ 1·9318	+ ·0013	+ 19	+40	51	55·5	+ 3·233	+ ·277	− 5	6, 6	15·56, 15·89	25541
1669	Pi 18h, 170	6·0	18	38	9·33	+ 1·3784	− ·0003	+ 17	+52	7	29·1	+ 3·322	+ ·197	+ 27	5, 6	13·82, 13·77	4733
1670	2 Aqil F	4·8	18	38	10·025	+ 3·2845	− ·0013	+ 9*	− 9	7	31·65	+ 3·323	+ ·471	− 4*	25, 37	20·53, 20·17	4731
1671	3 Aqil	5·1	18	39	26·16	+ 3·2661	− ·0012	+ 13	− 8	21	1·5	+ 3·432	+ ·468	+ 10	4, 6	12·56, 12·52	4736
1672	Gr. 2658	6·0	18	40	16·97	+ 0·5264	− ·0059	− 3	+62	40	29·2	+ 3·505	+ ·074	+ 60	8, 7	15·69, 15·70	25603
1673	Gr. 2646	7·4	18	40	43·08	+ 1·7644	+ ·0010	− 23	+44	51	0·0	+ 3·543	+ ·251	− 25	4, 4	19·79, 19·79	4741
1674	Gr. 2644	6·5	18	40	46·56	+ 1·9992	+ ·0014	+ 9	+39	13	26·7	+ 3·547	+ ·285	− 5	6, 4	19·87, 20·15	25634
1675	Pi 18h, 179	6·3	18	40	58·38	+ 2·1005	+ ·0014	+ 16	+36	28	43·4	+ 3·565	+ ·300	+ 62	5, 4	19·98, 20·32	25640
1676	*c* Drac.	5·1	18	41	10·79	+ 1·1624	− ·0015	− 7	+55	27	47·2	+ 3·582	+ ·165	+ 22	6, 2	12·91, 13·05	4745
1677	BD + 23° 3439	6·5	18	41	32·57	+ 2·5009	+ ·0013	+ 3	+23	30	49·3	+ 3·614	+ ·357	− 90	5, 5	19·61, 19·61	25663
1678	Gr. 2659	6·1	18	41	53·14	+ 1·2777	− ·0010	+ 1	+53	47	41·1	+ 3·643	+ ·182	− 12	5, 5	13·23, 13·23	25657
1679	ζ^1 Lyra	4·4	18	42	11·32	+ 2·0638	+ ·0014	+ 22	+37	31	33·1	+ 3·669	+ ·294	+ 17	6, 6	14·26, 14·26	4752
1680	ζ^2 Lyra	6·1	18	42	13·24	+ 2·0643	+ ·0014	+ 16	+37	30	55·3	+ 3·672	+ ·295	+ 11	1, 1	15·59, 15·59	4754
1681	110 Herc. S	4·3	18	42	26·042	+ 2·5824	+ ·0011	− 15*	+20	28	24·49	+ 3·690	+ ·368	−344*	12, 12	19·16, 18·39	4753
1682	6 Aqil F	4·5	18	43	11·716	+ 3·1837	− ·0011	− 7*	− 4	49	45·60	+ 3·756	+ ·454	− 23*	9, 17	19·70, 20·24	4756
1683	BD + 54° 2034	6·3	18	43	24·50	+ 1·2111	+ ·0014	+ 2	+54	49	2·7	+ 3·774	+ ·172	− 23	5, 5	12·16, 12·35	25715
1684	Br. 2370	6·4	18	43	25·24	+ 0·7082	− ·0051	− 20	+60	58	5·7	+ 3·775	+ ·100	+ 10	7, 5	13·42, 14·16	4763
1685	Gr. 2664	5·7	18	43	49·12	+ 1·9178	+ ·0012	− 6	+41	21	36·6	+ 3·809	+ ·173	− 9	5, 4	20·36, 20·32	25732
1686	Br. 2382	6·6	18	44	1·56	− 0·6759	− ·0225	− 10	+70	42	50·5	+ 3·827	− ·098	− 5	10, 8	19·01, 19·47	25707
1687	Gr. 2671	5·9	18	45	2·49	+ 1·3396	− ·0009	+ 16	+52	54	18·0	+ 3·914	+ ·190	− 16	6, 7	14·91, 14·54	4765
1688	BD + 31° 3369	5·8	18	45	7·48	+ 2·2643	+ ·0014	+ 3	+31	40	21·8	+ 3·921	+ ·322	− 6	7, 7	19·74, 19·74	25768
1689	BD + 23° 3461	6·0	18	45	8·30	+ 2·5049	+ ·0012	+ 13	+23	25	49·7	+ 3·922	+ ·356	− 33	5, 6	18·91, 19·19	25772
1690	Gr. 2677	6·2	18	46	17·42	+ 1·5837	+ ·0003	− 21	+48	40	51·0	+ 4·021	+ ·224	+ 41	5, 4	13·22, 12·14	4770
1691	BD + 67° 1096	7·0	18	46	54·89	− 0·1152	− ·0153	+ 17	+67	41	11·6	+ 4·075	− ·018	− 17	6, 6	19·27, 19·27	25793
1692	ν^2 Lyra	5·4	18	47	4·88	+ 2·2406	+ ·0014	− 19	+32	27	48·8	+ 4·089	+ ·318	− 8	5, 5	20·18, 20·18	4775
1693	β^1 Lyra S	Var.	18	47	18·631	+ 2·2145	+ ·0014	+ 3*	+33	16	28·87	+ 4·108	+ ·314	− 7*	27, 18	14·97, 15·72	4776
1694	Gr. 2687	7·0	18	48	26·97	+ 1·8169	+ ·0008	− 18	+43	52	2·4	+ 4·206	+ ·257	+ 15	5, 5	19·36, 19·36	25870
1695	BD + 13° 3787	6·0	18	48	35·66	+ 2·7501	+ ·0005	− 7	+13	52	29·5	+ 4·218	+ ·390	− 19	5, 5	18·95, 18·95	25886
1696	BD + 28° 3104	6·6	18	48	38·99	+ 2·3578	+ ·0013	+ 5	+28	41	34·6	+ 4·223	+ ·334	+ 6	5, 5	19·13, 19·13	25883
1697	50 Drac.	5·5	18	48	48·18	− 1·9223	− ·0530	− 36	+75	20	47·2	+ 4·236	− ·276	+ 77	12, 13	14·09, 13·83	4788
1698	BD + 36° 3295	6·2	18	48	58·33	+ 2·1083	+ ·0013	+ 10	+36	26	53·4	+ 4·251	+ ·299	− 26	6, 5	18·76, 19·20	25889
1699	Gr. 2693	6·1	18	49	42·70	+ 1·9267	+ ·0010	− 19	+41	17	28·1	+ 4·314	+ ·272	− 4	5, 5	19·01, 19·01	25906
1700	Gr. 2699	5·7	18	49	54·16	+ 1·3490	− ·0012	− 37	+52	52	37·0	+ 4·330	+ ·190	+286	6, 2	13·78, 13·18	4787

No.	STAR	M	1925·0 R.A.			Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.			Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h	m	s	s	s		°	′	″	″	″				
1701	o Drac.....S	4·8	18	50	5·693	+ 0·8761	− ·0046	+108*	+59	17	47·47	+ 4·347	+ ·123	+ 23*	15, 12	15·83, 16·37	4790
1702	BD + 79° 604.....	6·3		50	57·20	− 4·2115	− ·1355	+ 81	+79	51	13·8	+ 4·420	− ·601	+ 75	10, 10	15·70, 15·70	25868
1703	δ^1 Lyra.....	5·7		51	6·36	+ 2·0951	+ ·0031	− 6	+36	52	37·2	+ 4·433	+ ·296	− 9	3, 3	20·29, 20·29	4794
1704	BD + 27° 3150.....	6·2		51	14·33	+ 2·3853	+ ·0013	− 16	+27	48	57·0	+ 4·444	+ ·337	− 76	6, 7	21·06, 20·99	25942
1705	Gr. 2709.....	5·1		51	22·07	+ 1·4859	− ·0004	+ 1	+50	36	52·0	+ 4·455	+ ·210	− 33	5, 3	13·82, 13·28	4799
1706	δ^2 Lyra.....	4·5	18	51	52·74	+ 2·0985	+ ·0013	− 7	+36	48	8·2	+ 4·498	+ ·296	+ 6	1, 1	17·68, 17·68	4800
1707	Gr. 2720.....	6·5		52	28·23	+ 1·0384	− ·0036	+ 19	+57	23	27·3	+ 4·549	+ ·146	− 8	5, 4	13·83, 13·64	25960
1708	θ Serp.....F	4·5		52	29·458	+ 2·9794	− ·0005	+ 31*	+ 4	6	17·56	+ 4·551	+ ·421	+ 27*	16, 32	18·94, 18·44	4802
1709	BD + 17° 3779.....	6·0		52	47·62	+ 2·6498	+ ·0008	− 44	+18	0	38·8	+ 4·577	+ ·374	−173	3, 3	19·29, 19·29	4807
1710	Pi 18h, 254.....	6·0		52	48·46	+ 1·5885	− ·0001	− 58	+48	45	55·9	+ 4·578	+ ·224	−131	4, 3	13·30, 13·87	4811
1711	λ U. Min.....P	6·8	18	52	56·375	−73·635	−19·697	−1140*	+89	1	42·33	+ 4·590	−10·454	+ 8*	25, 17	20·92, 20·65	4971
1712	R Lyra.....S	Var.		53	13·146	+ 1·8235	+ ·0007	+ 26*	+43	50	47·84	+ 4·599	+ ·257	+ 72*	12, 8	15·98, 17·69	4814
1713	ν Drac.....S	5·0		55	19·282	− 0·7382	− ·0306	+110*	+71	11	50·47	+ 4·792	− ·107	+ 40*	20, 21	19·61, 19·63	4825
1714	48 Drac.....	6·0		55	28·99	+ 1·0194	− ·0041	− 44	+57	42	55·6	+ 4·806	+ ·143	− 65	2, 2	12·64, 12·64	4822
1715	BD + 19° 3858.....	6·2		55	29·40	+ 2·6085	− ·0008	− 1	+19	41	29·3	+ 5·806	+ ·367	− 8	7, 7	18·32, 18·32	26067
1716	BD + 65° 1309.....	5·9	18	56	5·75	+ 0·2725	− ·0128	− 7	+65	9	26·9	+ 4·858	+ ·037	− 40	4, 4	18·85, 18·85	4829
1717	γ Lyra.....S	3·2		56	8·258	+ 2·2442	+ ·0013	− 2*	+32	35	8·62	+ 4·861	+ ·315	− 7*	10, 10	17·40, 17·40	4824
1718	ϵ Aqil.....F	4·2		56	13·109	+ 2·7263	+ ·0004	− 44*	+14	57	55·42	+ 4·868	+ ·384	− 77*	12, 36	16·25, 16·00	4823
1719	Pi 18h, 287.....	6·7		56	14·37	+ 0·9884	− ·0045	+ 34	+58	7	17·6	+ 4·870	+ ·139	+ 46	2, 2	20·60, 20·60	4827
1720	Gr. 2727.....	6·1		56	19·28	+ 1·9628	+ ·0010	+ 2	+40	34	31·5	+ 4·877	+ ·275	− 3	5, 5	19·45, 19·45	26087
1721	BD + 22° 3549.....	6·0	18	56	48·34	+ 2·5306	+ ·0010	− 20	+22	42	32·6	+ 4·918	+ ·378	+ 9	6, 6	21·11, 21·11	26107
1722	BD + 50° 2705.....	6·8		57	7·59	+ 1·4904	− ·0009	+ 21	+50	42	15·4	+ 4·945	+ ·208	+ 14	5, 5	19·25, 19·25	26103
1723	BD + 33° 3285.....	6·9		57	38·40	+ 2·2117	+ ·0013	+ 7	+33	38	8·2	+ 4·988	+ ·311	− 8	6, 4	20·95, 21·09	26125
1724	BD + 33° 3287.....	6·8		58	9·31	+ 2·2103	+ ·0013	+ 2	+33	41	41·6	+ 5·032	+ ·310	− 1	1, 2	20·59, 20·57	26142
1725	Gr. 2740.....	6·8		58	27·48	+ 1·9024	+ ·0008	− 17	+42	8	53·7	+ 5·058	+ ·266	−138	6, 6	20·95, 20·95	26150
1726	49 Drac.....	5·7	18	59	14·45	+ 1·1895	− ·0030	− 19	+55	33	1·9	+ 5·123	+ ·165	− 9	1, 1	11·71, 11·71	4848
1727	16 Lyra.....	5·2		59	18·99	+ 1·6958	+ ·0001	+ 19	+46	49	40·5	+ 5·131	+ ·238	− 89	1, 1	15·57, 15·57	4846
1728	BD + 69° 1018.....	6·4		59	20·90	− 0·3683	− ·0251	+ 36	+69	25	28·2	+ 5·133	− ·054	− 42	6, 5	16·91, 15·98	26146
1729	BD + 19° 3888.....	6·4		59	36·46	+ 2·6142	+ ·0007	− 3	+19	33	2·9	+ 5·155	+ ·366	− 8	5, 5	19·62, 19·59	26198
1730	Gr. 2753.....	6·7	19	0	21·19	+ 1·4123	− ·0014	− 19	+52	9	5·7	+ 5·218	+ ·196	− 24	3, 3	17·56, 17·56	4855
1731	17 Aqil.....	3·0	19	1	57·8	+ 2·7577	+ ·0002	− 6	+13	45	3·3	+ 5·354	+ ·385	−102	0, 3	12·26	4858
1732	Pi 18h, 309.....	6·5		2	4·73	+ 2·3107	+ ·0012	+ 19	+30	37	10·9	+ 5·363	+ ·322	− 25	5, 5	19·62, 19·62	26264
1733	λ Aqil.....F	3·4		2	16·130	+ 3·1853	− ·0023	− 17*	− 4	59	45·93	+ 5·379	+ ·445	− 90*	3, 3	17·57, 16·26	4859
1734	BD + 29° 3472.....	6·6		2	51·86	+ 2·3359	+ ·0012	− 8	+29	48	22·1	+ 5·430	+ ·325	− 12	5, 5	20·24, 20·24	26293
1735	BD + 68° 1040.....	6·9		2	54·26	− 0·1450	− ·0223	+ 35	+68	12	43·9	+ 5·433	+ ·023	+ 4	5, 5	21·04, 21·04	26260
1736	51 Drac.....	5·5	19	3	14·06	+ 1·3490	− ·0022	− 6	+53	16	51·3	+ 5·461	+ ·187	+ 21	2, 2	13·64, 13·64	4869
1737	Br. 2409.....	5·9		3	30·74	+ 2·4969	+ ·0010	+ 41	+24	8	0·4	+ 5·484	+ ·347	+ 3	3, 3	20·96, 20·96	4866
1738	Gr. 2765.....	6·6		3	51·13	+ 1·9442	+ ·0009	+ 10	+41	17	48·5	+ 5·513	+ ·271	− 11	3, 4	18·97, 19·61	4870
1739	17 Lyra.....	5·3		4	35·28	+ 2·2588	+ ·0012	+ 95	+32	22	57·1	+ 5·575	+ ·314	+ 13	2, 2	20·62, 20·62	4872
1740	BD + 16° 3752.....	5·9		4	38·41	+ 2·6867	+ ·0004	+ 37	+16	44	27·7	+ 5·575	+ ·374	−310	5, 5	20·43, 20·43	26347
1741	ι Lyra.....	5·3	19	4	37·49	+ 2·1409	+ ·0012	− 6	+35	58	54·2	+ 5·578	+ ·297	− 6	5, 4	11·79, 11·84	4873
1742	Pi 18h, 318.....	5·7		4	39·06	+ 2·3748	+ ·0012	+ 54	+28	30	34·6	+ 5·496	+ ·330	+ 68	1, 1	15·51, 15·51	4867
1743	BD + 21° 3672.....	6·2		4	50·80	+ 2·5653	+ ·0008	+ 33	+21	34	40·7	+ 5·596	+ ·357	+ 71	5, 5	17·97, 17·97	26355
1744	BD + 34° 3437.....	6·6		6	1·01	+ 2·1876	+ ·0012	+ 1	+34	38	21·5	+ 5·694	+ ·303	− 8	5, 5	19·05, 19·05	26392
1745	Gr. 2777.....	7·1		6	38·36	+ 1·5340	− ·0010	+ 3	+50	14	32·1	+ 5·747	+ ·212	+ 4	4, 4	20·59, 20·59	4878
1746	Gr. 2778.....	5·0	19	6	40·54	+ 1·4161	− ·0019	−113	+52	18	20·6	+ 5·750	+ ·195	− 62	6, 7	12·79, 12·62	26397
1747	BD + 31° 3485.....	8·0		7	54·37	+ 2·2990	+ ·0012	0	+31	11	50·6	+ 5·853	+ ·318	0	1, 1	12·46, 12·46	
1748	19 Lyra.....	6·0		8	53·40	+ 2·3011	+ ·0012	− 10	+31	9	26·1	+ 5·935	+ ·318	− 3	2, 3	12·60, 12·90	26459
1749	Gr. 2782.....	5·8		8	53·76	+ 1·9902	+ ·0009	− 5	+40	18	14·5	+ 5·935	+ ·275	− 25	5, 5	13·96, 13·96	26454
1750	B.A.C. 6574.....	5·9		9	23·68	+ 2·5722	+ ·0007	0	+21	25	37·9	+ 5·977	+ ·355	− 5	8, 7	20·10, 19·89	26470

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			h m s	s	s		° ′ ″	″	″				
1751	55 Drac.	6·5	19 9 29·15	+ 0·2279	− ·0176	+ 2	+65 51 10·4	+ 5·985	+ ·029	+ 29	5, 5	14·17, 14·17	4890
1752	Gr. 2787.	6·5	10 8·57	+ 1·6945	− ·0003	0	+47 14 50·0	+ 6·040	+ ·233	− 4	5, 5	19·35, 19·35	26480
1753	Gr. 2789.	7·1	10 8·64	+ 1·5697	− ·0009	−180	+49 42 41·4	+ 6·039	+ ·215	+606	3, 2	13·60, 13·60	4892
1754	BD + 49° 2959.	6·8	10 9·0	+ 1·5696	− ·0010	−198	+49 42 47·9	+ 6·040	+ ·216	+625	0, 2	13·59	4893
1755	53 Drac.	5·4	10 15·43	+ 1·1310	− ·0047	+ 47	+56 43 50·8	+ 6·049	+ ·155	+ 40	4, 4	12·57, 12·57	4894
1756	BD + 19° 3956.	6·8	19 11 47·01	+ 2·6082	+ ·0006	− 12	+20 4 16·1	+ 6·167	+ ·359	− 3	5, 5	20·72, 20·70	26530
1757	59 Drac.	5·2	11 55·87	− 2·1952	− ·0926	+136	+76 26 12·7	+ 6·189	− ·308	−126	9, 10	14·68, 14·73	4911
1758	1 Sgte.	5·8	12 3·39	+ 2·5824	+ ·0007	+ 30	+21 6 0·3	+ 6·199	+ ·355	+ 11	3, 4	19·97, 19·88	4899
1759	BD + 30° 3491.	6·2	12 29·98	+ 2·3278	+ ·0012	+ 18	+30 23 40·3	+ 6·236	+ ·320	− 26	5, 5	20·73, 20·73	26550
1760	δ Drac. S	3·1	12 32·486	+ 0·0024	− ·0231	+173*	+67 31 47·34	+ 6·239	− ·002	+ 89*	10, 10	17·39, 17·40	4909
1761	54 Drac.	5·3	19 12 34·89	+ 1·0737	− ·0057	− 16	+57 34 32·1	+ 6·242	+ ·146	− 75	6, 5	14·10, 14·19	4907
1762	BD + 27° 3314.	6·2	12 59·12	+ 2·4039	− ·0183	− 3	+27 47 34·6	+ 6·276	+ ·330	+ 21	5, 5	19·16, 19·16	26562
1763	θ Lyra. S	4·5	13 45·839	+ 2·0824	+ ·0010	− 9*	+37 59 58·46	+ 6·341	+ ·285	− 3*	10, 11	18·14, 18·35	4912
1764	ω Aqil. F	5·3	14 17·765	+ 2·8160	− ·0003	− 1*	+11 27 32·76	+ 6·385	+ ·386	+ 11*	9, 18	17·23, 16·40	4914
1765	Gr. 2809.	6·2	14 42·28	+ 1·7220	− ·0002	− 8	+46 51 23·3	+ 6·419	+ ·235	+285	5, 5	13·97, 13·97	4920
1766	κ Cygn. S	3·9	19 15 22·186	+ 1·3804	− ·0027	+ 71*	+53 13 46·39	+ 6·474	+ ·188	+117*	15, 8	15·76, 16·62	4923
1767	BD + 37° 3413.	6·1	16 22·72	+ 2·1106	+ ·0010	+ 8	+37 18 21·7	+ 6·557	+ ·288	+ 15	5, 5	19·12, 19·12	26650
1768	Gr. 2812.	7·1	16 27·64	+ 2·0050	+ ·0008	− 3	+40 13 16·6	+ 6·564	+ ·273	+ 9	2, 3	16·10, 14·62	4930
1769	Gr. 2815.	6·5	16 37·82	+ 1·5985	− ·0011	+ 6	+49 25 46·8	+ 6·578	+ ·217	+ 50	3, 4	15·61, 14·62	26652
1770	τ Drac. S	4·7	17 0·290	− 1·1102	− ·0566	−321*	+73 13 0·70	+ 6·609	− ·156	+109*	23, 20	17·61, 17·71	4940
1771	BD + 37° 3417.	6·4	19 17 0·69	+ 2·1153	+ ·0010	− 60	+37 11 40·8	+ 6·610	+ ·288	−189	5, 6	19·01, 19·10	26670
1772	BD + 34° 3503.	6·1	17 48·73	+ 2·1890	+ ·0011	+ 5	+35 2 40·5	+ 6·676	+ ·298	+ 8	7, 7	19·62, 19·62	26690
1773	Gr. 2818.	6·5	17 55·17	+ 2·0237	+ ·0009	+ 9	+39 47 5·7	+ 6·684	+ ·275	− 14	5, 6	19·18, 19·42	26692
1774	Gr. 2822.	6·6	17 57·08	+ 1·3237	− ·0034	+ 28	+54 14 9·5	+ 6·687	+ ·180	− 28	3, 3	12·90, 12·90	4939
1775	Gr. 2827.	6·0	18 53·583	+ 1·0980	− ·0059	+ 25	+57 30 10·5	+ 6·765	+ ·148	+ 9	6, 6	12·62, 12·62	26708
1776	Gr. 2835.	6·3	19 19 11·57	+ 0·4661	− ·0158	− 6	+64 14 55·6	+ 6·789	+ ·061	+ 10	4, 4	14·13, 14·13	26709
1777	BD + 33° 3434.	6·3	19 44·83	+ 2·2453	+ ·0011	+ 2	+33 22 27·0	+ 6·835	+ ·305	− 36	7, 7	16·00, 15·59	26743
1778	Gr. 2829.	6·8	19 47·11	+ 1·4515	− ·0023	+ 1	+52 13 54·3	+ 6·838	+ ·196	+ 26	5, 5	19·35, 19·33	26732
1779	BD + 19° 3997.	7·1	19 56·24	+ 2·6120	+ ·0005	− 11	+20 7 48·7	+ 6·851	+ ·355	+ 92	3, 3	20·27, 20·27	26756
1780	π Drac.	4·6	20 17·23	+ 0·3097	− ·0192	+ 31	+65 34 10·9	+ 6·879	+ ·039	+ 41	2, 2	14·64, 14·64	4948
1781	BD + 19° 4000.	6·4	19 20 30·87	+ 2·6132	+ ·0005	− 9	+20 7 4·0	+ 6·898	+ ·355	+ 5	4, 4	19·30, 19·30	26770
1782	2 Sgte.	6·2	20 59·97	+ 2·6945	+ ·0002	− 7	+16 47 26·1	+ 6·937	+ ·365	− 16	4, 4	20·56, 20·56	4947
1783	b Aqil.	5·4	21 23·08	+ 2·8114	− ·0005	+493	+11 46 57·4	+ 6·970	+ ·382	+632	1, 1	12·62, 12·62	4950
1784	Pi 19h, 116.	7·3	21 27·51	+ 2·6220	+ ·0005	+ 30	+19 47 28·0	+ 6·975	+ ·355	+ 24	5, 5	20·02, 20·02	26807
1785	Gr. 2832.	6·1	21 34·15	+ 1·8949	+ ·0005	+ 22	+43 14 28·9	+ 6·985	+ ·257	− 39	2, 3	14·13, 13·30	4958
1786	δ Aqil. F	3·4	19 21 43·021	+ 3·0080	− ·0018	+169*	+ 2 57 50·73	+ 6·997	+ ·408	+ 77*	26, 71	17·67, 16·93	4953
1787	Br. 2457.	6·6	22 6·38	+ 2·6143	+ ·0005	− 9	+20 7 22·6	+ 7·028	+ ·354	− 30	5, 5	19·38, 19·38	26819
1788	4 Vulp.	5·4	22 11·17	+ 2·6260	+ ·0004	+ 54	+19 39 2·3	+ 7·035	+ ·355	− 73	2, 2	19·04, 19·04	4960
1789	Pi 19h, 140.	7·4	22 34·80	+ 1·5776	− ·0014	− 10	+50 5 33·7	+ 7·067	+ ·212	− 13	2, 2	20·53, 20·53	4966
1790	5 Vulp.	5·8	22 56·73	+ 2·6192	+ ·0005	− 5	+19 56 52·2	+ 7·097	+ ·353	− 39	4, 4	20·07, 20·07	4965
1791	4 Cygn.	5·2	19 23 27·01	+ 2·1600	+ ·0011	+ 5	+36 10 0·4	+ 7·138	+ ·291	+ 6	2, 2	16·60, 16·60	4972
1792	B.A.C. 6702.	6·2	24 15·11	− 2·0865	− ·1050	− 29	+76 24 42·8	+ 7·204	− ·287	+ 2	11, 10	19·63, 19·54	26826
1793	Pi 19h, 156.	6·9	24 25·36	+ 1·0874	− ·0066	− 16	+57 52 32·7	+ 7·218	+ ·145	− 3	2, 2	18·59, 18·59	4975
1794	BD + 62° 1716.	6·1	25 34·19	+ 0·6925	− ·0130	+ 23	+62 24 11·3	+ 7·312	+ ·091	+ 50	5, 5	12·74, 12·74	26888
1795	α Vulp. S	4·6	25 35·067	+ 2·5055	+ ·0008	− 93*	+24 30 43·47	+ 7·313	+ ·337	−113*	29, 17	16·15, 15·73	4976
1796	7 Cygn.	5·9	19 25 35·79	+ 1·4707	− ·0024	− 27	+52 10 1·0	+ 7·313	+ ·196	− 32	5, 5	13·09, 13·09	4980
1797	8 Vulp.	6·1	25 49·25	+ 2·5032	+ ·0008	− 8	+24 36 47·4	+ 7·332	+ ·336	− 5	7, 7	15·57, 15·57	4978
1798	7 Vulp.	6·8	26 4·52	+ 2·6173	+ ·0005	− 9	+20 7 26·9	+ 7·352	+ ·351	− 19	4, 4	20·30, 20·30	4981
1799	Gr. 2900.	6·3	26 15·45	− 3·6026	− ·1970	+ 93	+79 27 14·3	+ 7·368	− ·492	− 37	12, 14	14·45, 14·27	4990
1800	36 Aqil.	5·3	26 44·54	+ 3·1367	− ·0032	+ 6	− 2 56 47·6	+ 7·407	+ ·422	− 13	1, 1	12·64, 12·64	4983

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			h	m	s	s	s		°	′	″	″	″				
1801	β^1 Cygn.....S	3·0	19	27	41·772	+ 2·4192	+ ·0010	− 2*	+27	48	4·30	+ 7·484	+ ·324	− 9*	13, 13	17·18, 17·18	4986
1802	ι Cygn.....S	3·9	19	27	48·904	+ 1·5108	− ·0022	+ 21*	+51	34	10·21	+ 7·494	+ ·201	+124*	13, 8	15·92, 16·98	4988
1803	Pi 19h, 164.....	5·8	19	28	3·95	+ 2·1704	+ ·0011	+ 1	+36	4	11·9	+ 7·514	+ ·290	− 14	6, 5	19·27, 19·39	26960
1804	BD + 26° 3573.....	6·5	19	28	17·24	+ 2·4565	+ ·0009	+ 21	+26	27	25·4	+ 7·532	+ ·329	+ 26	5, 5	18·94, 18·94	26968
1805	Gr. 2864.....	6·7	19	28	35·61	+ 1·2879	− ·0046	+ 26	+55	15	39·0	+ 7·557	+ ·171	+144	7, 7	19·90, 19·90	26961
1806	8 Cygn.....	4·8	19	29	59·01	+ 2·2293	+ ·0011	− 2	+34	17	33·7	+ 7·589	+ ·298	− 3	2, 2	12·63, 12·63	4992
1807	Gr. 2865.....	5·7	19	29	20·25	+ 1·5921	− ·0015	− 30	+50	8	43·1	+ 7·617	+ ·211	+ 38	3, 4	12·50, 12·07	4994
1808	BD + 70° 1073.....	6·3	19	31	36·76	− 0·4673	− ·0449	− 20	+70	49	36·0	+ 7·801	− ·066	+ 57	10, 13	19·48, 19·12	27023
1809	Gr. 2876.....	6·1	19	31	37·66	+ 1·6518	− ·0012	− 1	+49	5	54·1	+ 7·802	+ ·218	− 6	4, 4	13·83, 13·83	27045
1810	9 Cygn.....	5·6	19	31	52·06	+ 2·3824	+ ·0010	+ 13	+29	17	49·8	+ 7·821	+ ·317	+ 18	5, 4	19·42, 19·38	5000
1811	BD + 59° 2060.....	6·5	19	31	59·54	+ 0·9421	− ·0097	+ 12	+59	59	39·3	+ 7·831	+ ·123	− 3	6, 6	13·28, 13·28	27048
1812	Pi 19h, 211.....	5·9	19	32	23·28	+ 1·5508	− ·0020	+ 32	+51	4	31·8	+ 7·863	+ ·205	−203	2, 2	20·06, 20·06	5005
1813	σ Drac.....	4·8	19	32	29·23	− 0·2200	− ·0368	+1080	+69	32	21·9	+ 7·876	− ·033	−1750	5, 6	13·64, 13·33	5009
1814	BD + 46° 2727.....	7·0	19	32	31·41	+ 1·7868	− ·0003	+ 15	+46	18	3·8	+ 7·874	+ ·236	+ 25	5, 6	20·37, 20·39	27080
1815	Gr. 2880.....	6·5	19	32	31·88	+ 1·7080	− ·0008	− 21	+48	00	2·2	+ 7·875	+ ·226	− 75	5, 6	19·62, 19·79	27078
1816	κ Aqil.....F	5·1	19	32	51·436	+ 3·2279	− ·0045	0*	− 7	11	43·21	+ 7·901	+ ·429	− 7*	15, 31	19·49, 18·42	27107
1817	11 Cygn.....	6·2	19	33	6·59	+ 2·1552	+ ·0011	+ 1	+36	46	38·6	+ 7·922	+ ·286	− 6	2, 3	20·64, 20·64	5007
1818	Gr. 2877.....	5·5	19	33	14·45	+ 1·9561	+ ·0006	− 1	+42	14	51·8	+ 7·852	+ ·269	− 21	3, 3	17·57, 17·57	5002
1819	Br. 2496.....	6·8	19	33	55·35	+ 1·6085	− ·0017	− 7	+50	4	11·6	+ 7·987	+ ·212	+ 32	3, 2	15·65, 15·16	5011
1820	Gr. 2893.....	5·4	19	34	18·61	+ 1·8680	+ ·0002	− 86	+44	31	42·4	+ 8·018	+ ·241	−111	4, 4	14·10, 14·10	5012
1821	BD + 56° 2272.....	6·5	19	34	25·69	+ 1·2001	− ·0061	− 5	+56	49	11·9	+ 8·027	+ ·157	−209	5, 5	20·73, 20·73	27130
1822	θ Cygn.....S	4·5	19	34	25·796	+ 1·6111	− ·0016	− 30*	+50	2	48·42	+ 8·027	+ ·212	+247*	20, 15	15·78, 15·82	5014
1823	BD + 34° 3637.....	6·5	19	34	54·21	+ 2·2209	+ ·0012	0	+34	51	9·2	+ 8·065	+ ·293	+ 2	6, 5	19·25, 19·19	27162
1824	BD + 33° 3547.....	6·5	19	36	55·57	+ 2·2569	+ ·0012	+ 2	+33	48	17·9	+ 8·227	+ ·296	+ 14	7, 7	20·19, 20·19	27216
1825	14 Cygn.....	5·4	19	36	59·96	+ 1·9507	+ ·0005	+ 19	+42	38	38·4	+ 8·233	+ ·256	+ 24	13, 10	14·50, 14·56	5024
1826	Gr. 2907.....	6·0	19	37	0·01	+ 1·3458	− ·0044	+ 51	+54	47	49·3	+ 8·233	+ ·175	+170	4, 4	14·38, 13·88	5026
1827	BD + 45° 2940.....	6·5	19	37	17·83	+ 1·8214	− ·0002	− 10	+45	46	59·3	+ 8·256	+ ·238	+ 44	6, 6	12·28, 12·28	27220
1828	β Sgte.....	4·5	19	37	40·83	+ 2·6938	+ ·0000	+ 1	+17	18	4·9	+ 8·287	+ ·354	− 38	2, 2	12·20, 12·20	5027
1829	BD + 22° 3767.....	6·6	19	38	1·49	+ 2·5747	+ ·0006	+ 14	+22	16	37·4	+ 8·314	+ ·338	− 6	5, 6	20·52, 20·36	27242
1830	BD + 42° 3419.....	6·6	19	38	15·29	+ 1·9434	+ ·0005	+ 6	+42	54	8·0	+ 8·333	+ ·254	− 7	6, 6	17·76, 17·76	27240
1831	Gr. 2909.....	5·2	19	38	31·21	+ 1·8433	+ ·0000	+ 91	+45	20	46·6	+ 8·354	+ ·241	+105	8, 8	13·78, 13·78	5031
1832	Gr. 2912.....	6·4	19	39	23·70	+ 2·0526	+ ·0008	− 25	+40	4	32·9	+ 8·423	+ ·268	+ 11	2, 2	18·10, 18·10	5035
1833	c^1 Cygn.....	6·2	19	39	49·42	+ 1·6109	− ·0017	−162	+50	21	3·2	+ 8·457	+ ·210	−152	6, 8	17·51, 17·18	5037
1834	BD + 32° 3531.....	5·8	19	39	51·40	+ 2·3085	+ ·0012	− 9	+32	14	53·1	+ 8·460	+ ·301	− 9	6, 6	19·40, 19·40	27292
1835	c^2 Cygn.....	6·3	19	39	52·26	+ 1·6114	− ·0018	−138	+50	20	35·9	+ 8·461	+ ·210	−156	2, 2	20,68· 20·68	5038
1836	BD + 30° 3706.....	6·2	19	40	12·55	+ 2·3598	+ ·0012	− 13	+30	29	54·7	+ 8·488	+ ·308	+ 36	6, 6	19·59, 19·59	27297
1837	Gr. 2919.....	6·5	19	40	23·31	+ 2·0377	+ ·0008	+ 11	+40	32	33·2	+ 8·502	+ ·265	− 8	4, 4	19·14, 19·14	27298
1838	BD + 55° 2245.....	6·7	19	40	24·69	+ 1·3261	− ·0049	+ 11	+55	17	8·6	+ 8·504	+ ·171	− 42	5, 5	14·21, 14·21	27294
1839	Gr. 2920.....	6·7	19	40	32·30	+ 2·1107	+ ·0011	+ 1	+38	29	31·6	+ 8·514	+ ·275	+ 8	5, 6	19·44, 19·64	27302
1840	Br. 2510.....	7·0	19	40	51·49	+ 2·4580	+ ·0616	− 11	+26	57	17·8	+ 8·539	+ ·320	+ 3	5, 5	20·63, 20·63	27308
1841	BD 33° 3572.....	6·7	19	41	2·01	+ 2·2582	+ ·0012	− 5	+33	58	55·6	+ 8·553	+ ·294	+ 0	5, 5	19·60, 19·60	27310
1842	15 Cygn.....	5·1	19	41	34·19	+ 2·1574	+ ·0011	+ 57	+37	10	20·2	+ 8·596	+ ·280	+ 34	8, 9	13·37, 13·18	5045
1843	Gr 2935.....	6·6	19	41	46·74	+ 1·1538	− ·0074	+167	+57	50	14·8	+ 8·612	+ ·148	− 62	5, 5	15·85, 15·85	27322
1844	BD + 34° 3691.....	7·0	19	41	49·15	+ 2·2518	+ ·0012	+ 0	+34	13	56·1	+ 8·615	+ ·293	− 12	5, 6	19·00, 19·42	27335
1845	Pi 19h, 284.....	6·6	19	42	7·66	+ 1·2258	− ·0064	+ 8	+56	51	39·5	+ 8·640	+ ·158	+ 19	6, 5	16·48, 17·43	27333
1846	Gr. 2928.....	6·5	19	42	16·31	+ 2·0419	+ ·0009	− 61	+40	32	6·3	+ 8·651	+ ·265	− 24	5, 4	20·20, 20·09	27341
1847	δ Cygn.....F	2·8	19	42	37·786	+ 1·8705	+ ·0001	+ 50*	+44	56	49·17	+ 8·679	+ ·242	+ 37*	10, 10	19·72, 19·72	5048
1848	γ Aqil.....F	2·8	19	42	41·635	+ 2·8511	− ·0011	+ 9*	+10	25	46·14	+ 8·684	+ ·371	− 4*	20, 39	17·17, 16·59	5047
1849	Pi 19h, 278.....	6·4	19	43	3·55	+ 2·2355	+ ·0012	+ 0	+34	49	44·6	+ 8·712	+ ·289	− 12	3, 3	20·90, 20·90	5049
1850	BD + 32° 3558.....	6·5	19	43	42·59	+ 2·3011	+ ·0013	− 30	+32	42	13·8	+ 8·764	+ ·298	− 5	5, 5	20·78, 20·78	27372

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
1851	δ Sgte.....F	3·8	19 44 2·587	+ 2·6745	+ ·0001	+ 1*	+18 20 54·18	+ 8·790	+ ·347	+ 9*	16, 30	17·43, 17·20	5052
1852	Gr. 2952.....	6·0	19 44 25·22	− 0·0786	− ·0381	+ 26	+69 9 14·5	+ 8·820	− ·013	− 24	3, 4	12·71, 12·45	5057
1853	BD + 25° 3972.....	6·2	19 44 39·96	+ 2·5085	+ ·0009	+ 56	+25 11 52·5	+ 8·839	+ ·324	− 27	5, 5	19·16, 19·16	27402
1854	Gr. 2941.....	6·2	19 45 15·34	+ 1·7554	− ·0007	− 31	+47 43 17·7	+ 8·886	+ ·226	− 34	5, 5	15·82, 15·82	27407
1855	BD + 68° 1082.....	6·4	19 46 39·59	+ 0·0794	− ·0339	+ 5	+68 15 2·4	+ 8·996	+ ·006	+ 13	5, 5	19·20, 19·20	27430
1856	Br. 2529.....	6·4	19 46 48·25	+ 2·1225	+ ·0012	+ 2	+38 31 15·2	+ 9·007	+ ·272	− 16	1, 2	12·62, 13·64	5063
1857	α Aqil.....F	0·9	19 47 7·462	+ 2·8909	− ·0015	+361*	+ 8 40 9·40	+ 9·032	+ ·372	+381*	30, 57	17·96, 17·48	5062
1858	12 Vulp.....	5·0	19 47 50·35	+ 2·5815	+ ·0006	+ 16	+22 25 6·9	+ 9·087	+ ·332	− 19	3, 3	19·60, 19·60	5068
1859	19 Cygn.....	5·5	19 47 54·46	+ 2·1246	+ ·0012	+ 9	+38 31 42·6	+ 9·093	+ ·272	+ 97	3, 3	14·34, 14·34	5069
1860	Gr. 2950.....	5·8	19 48 2·81	+ 2·0593	+ ·0010	+ 8	+40 24 29·3	+ 9·104	+ ·264	− 22	4, 4	13·70, 13·70	5070
1861	BD + 37° 3636.....	6·3	10 48 5·14	+ 2·1549	+ ·0012	+ 16	+37 38 3·6	+ 9·107	+ ·276	+ 5	5, 5	19·47, 19·47	27498
1862	ε Drac.....F	3·9	19 48 26·094	− 0·2091	− ·0047	+158*	+70 4 37·53	+ 9·134	− ·031	+ 31*	20, 23	20·42, 19·95	5079
1863	η Aqil.....	Var.	19 48 39·2	+ 3·0559	− ·0032	+ 5	+ 0 48 42·6	+ 9·151	+ ·392	− 9	0, 2	12·66	5071
1864	d Cygn.....	5·2	19 48 44·85	+ 1·5069	− ·0030	− 19	+52 47 50·3	+ 9·158	+ ·192	− 70	8, 10	19·29, 18·53	5075
1865	Gr. 2957.....	6·7	19 49 4·91	+ 1·7909	− ·0004	+ 13	+47 11 1·1	+ 9·184	+ ·228	+ 17	6, 5	16·14, 16·04	27513
1866	Gr. 2968.....	6·6	19 49 12·74	+ 0·9292	− ·0123	− 40	+61 0 56·8	+ 9·194	+ ·116	+ 50	5, 3	19·47, 19·83	27508
1867	BD + 36° 3744.....	6·1	19 49 31·02	+ 2·2031	+ ·0013	− 3	+36 14 17·0	+ 9·218	+ ·281	− 2	5, 5	19·20, 19·20	27528
1868	BD + 46° 2793.....	5·8	19 49 43·46	+ 1·8083	− ·0003	+ 6	+46 49 59·8	+ 9·235	+ ·230	− 14	5, 5	14·24, 14·24	5083
1869	BD + 24° 3914.....	5·8	19 49 52·25	+ 2·5237	+ ·0008	− 11	+24 47 55·3	+ 9·168	+ ·324	+ 19	2, 3	20·52, 20·51	5072
1870	Gr. 2962.....	6·0	19 49 54·62	+ 1·7681	− ·0006	− 16	+47 44 15·1	+ 9·248	+ ·225	− 2	2, 2	15·12, 15·12	5085
1871	Gr. 2967.....	7·1	19 50 48·06	+ 1·7766	− ·0006	− 14	+47 36 43·3	+ 9·318	+ ·225	− 12	5, 7	19·96, 20·26	27549
1872	β Aqil.....F	3·8	19 51 37·753	+ 2·9441	− ·0021	+ 24*	+ 6 13 6·23	+ 9·382	+ ·375	−483*	29, 58	17·69, 17·15	5093
1873	23 Cygn.....	5·1	19 51 45·09	+ 1·2320	− ·0071	+ 8	+57 19 35·0	+ 9·391	+ ·155	+ 10	3, 3	14·26, 14·26	5097
1874	BD + 36° 3766.....	6·0	19 52 3·81	+ 2·1903	+ ·0013	+ 1	+36 47 49·8	+ 9·415	+ ·277	+ 8	2, 2	20·12, 20·12	5096
1875	B.A.C. 6852.....	6·0	19 52 14·94	+ 1·0701	− ·0099	+ 54	+59 30 35·7	+ 9·430	+ ·134	+ 60	4, 4	18·08, 18·08	27581
1876	22 Cygn.....	5·1	19 53 10·88	+ 2·1440	+ ·0013	− 5	+38 17 11·8	+ 9·502	+ ·271	− 10	6, 4	14·35, 14·16	5102
1877	ψ Cygn.....	5·0	19 53 41·50	+ 1·5556	− ·0027	− 44	+52 14 21·3	+ 9·541	+ ·195	− 31	3, 5	15·27, 13·83	5105
1878	Gr. 2991.....	6·6	19 53 52·89	+ 1·1890	− ·0080	+ 21	+58 3 6·0	+ 9·555	+ ·148	− 72	6, 6	19·78, 19·78	27620
1879	BD + 35° 3878.....	6·0	19 53 57·69	+ 2·2179	+ ·0014	− 1	+36 2 57·2	+ 9·562	+ ·280	+ 3	5, 4	18·26, 18·40	27632
1880	Pi 19h, 371.....	5·2	19 54 29·65	+ 1·1477	− ·0087	− 9	+58 38 42·9	+ 9·602	+ ·143	− 24	3, 3	13·64, 13·64	5116
1881	Gr. 2984.....	5·6	19 54 37·52	+ 2·0831	+ ·0011	+ 21	+40 9 55·4	+ 9·613	+ ·263	− 1	4, 4	18·14, 18·14	5113
1882	Pi 19h, 370.....	6·1	19 54 41·24	+ 1·3024	− ·0062	+ 22	+56 29 6·1	+ 9·617	+ ·162	+ 15	5, 5	13·20, 13·20	27641
1883	Gr. 2990.....	6·7	19 54 42·07	+ 1·6404	− ·0018	+ 5	+50 42 1·0	+ 9·618	+ ·205	+ 0	3, 4	17·90, 18·82	5117
1884	BD + 37° 3698.....	7·8	19 55 9·58	+ 2·1605	+ ·0013	+ 8	+37 55 6·0	+ 9·653	+ ·271	− 5	1, 1	21·49, 21·49	Gr² 8236
1885	γ Sgte.....F	3·7	19 55 25·282	+ 2·6632	+ ·0002	+ 42*	+19 17 14·92	+ 9·674	+ ·336	+ 16*	21, 48	19·45, 17·98	5118
1886	BD + 37° 3703.....	7·1	19 55 52·10	+ 2·1626	+ ·0013	+ 4	+37 54 5·4	+ 9·695	+ ·272	− 6	4, 4	19·06, 19·06	27679
1887	Gr. 3001.....	6·0	19 56 59·1	+ 1·8835	+ ·0002	+ 35	+45 34 1·4	+ 9·793	+ ·235	− 22	0, 5	17·18	5126
1888	25 Cygn.....	5·4	19 57 10·07	+ 2·1998	+ ·0014	+ 1	+36 50 10·4	+ 9·807	+ ·275	+ 11	4, 5	17·86, 18·40	5127
1889	Gr. 3004.....	6·2	19 57 16·13	+ 1·5895	− ·0024	+ 22	+51 50 58·9	+ 9·815	+ ·199	+ 3	2, 3	14·54, 13·58	5130
1890	Gr. 3019.....	6·5	19 57 32·65	+ 0·7548	− ·0176	− 11	+63 19 45·7	+ 9·836	+ ·092	− 25	4, 4	12·33, 12·33	27716
1891	15 Vulp.....	4·9	19 58 0·65	+ 2·4662	+ ·0012	+ 39	+27 32 43·7	+ 9·871	+ ·309	+ 6	1, 1	12·67, 12·70	5132
1892	Pi 19h, 379.....	6·0	19 58 29·87	+ 2·2010	+ ·0014	+ 33	+36 53 21·2	+ 9·908	+ ·275	+ 49	4, 4	18·41, 18·41	27760
1893	16 Vulp.....	5·5	19 58 50·51	+ 2·5383	+ ·0009	+ 59	+24 43 36·3	+ 9·934	+ ·316	+ 59	4, 4	19·14, 19·14	5134
1894	BD + 69° 1084.....	6·5	19 58 53·30	− 0·1433	− ·0472	+ 84	+70 9 31·5	+ 9·938	− ·023	+ 62	15, 15	18·97, 18·16	27748
1895	ε Cygn.....	5·3	19 59 14·25	+ 1·6961	− ·0013	+ 19	+49 53 43·2	+ 9·965	+ ·210	− 2	4, 5	12·42, 12·27	5137
1896	BD + 29° 3872.....	5·9	20 0 31·95	+ 2·4138	+ ·0014	−516	+29 41 48·2	+10·063	+ ·300	−526	5, 5	16·99, 16·99	5144
1897	65 Drac.....	6·7	20 1 30·39	+ 0·6642	− ·0206	+ 71	+64 25 20·6	+10·136	+ ·079	+ 10	11, 10	14·71, 14·74	5152
1898	BD + 31° 3925.....	5·9	20 1 39·70	+ 2·3524	+ ·0015	− 1	+32 0 17·4	+10·148	+ ·291	− 12	1, 1	16·70, 16·70	5150
1899	69 Drac.....	6·6	20 1 44·34	− 1·6439	− ·1299	− 60	+76 16 22·8	+10·154	− ·210	− 55	11, 11	14·27, 14·07	5154
1900	BD + 47° 3004.....	6·0	20 2 14·13	+ 1·7941	− ·0005	+ 6	+48 0 56·1	+10·191	+ ·221	+ 1	5, 7	16·23, 16·33	27869

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
1901	BD + 38° 3896	6·6	20	2	25·44	+ 2·1658	+ ·0015	+217	+38	15	39·7	+10·205	+ ·267	+105	5, 6	18·05, 17·80	27876
1902	Gr. 3036	6·2	20	3	4·75	+ 1·6230	− ·0022	+ 27	+51	37	24·5	+10·255	+ ·199	+ 32	6, 5	16·47, 16·85	27885
1903	b^1 Cygn	5·7	20	3	34·81	+ 2·2469	+ ·0016	−189	+35	45	60·0	+10·292	+ ·277	−438	2, 2	12·66, 12·66	5157
1904	Gr. 3041	6·4	20	3	39·29	+ 1·3651	− ·0058	− 6	+56	7	25·7	+10·298	+ ·166	+ 78	4, 4	15·21, 15·21	5161
1905	Gr. 3042	5·9	20	4	15·20	+ 1·5568	− ·0038	+242	+52	56	35·0	+10·343	+ ·190	+253	8, 9	18·06, 18·35	5163
1906	66 Drac	5·7	20	4	21·22	+ 0·9406	− ·0141	+177	+61	46	38·5	+10·350	+ ·113	+ 72	5, 5	15·43, 15·43	5165
1907	Br. 2592	6·6	20	4	34·36	+ 0·2688	− ·0340	− 34	+67	48	40·7	+10·367	+ ·029	− 10	5, 5	14·87, 14·87	27909
1908	BD + 34° 3881	6·2	20	4	49·17	+ 2·2959	+ ·0016	− 10	+34	12	16·4	+10·385	+ ·282	− 17	5, 5	18·67, 18·67	27938
1909	Gr. 3047	7·0	20	5	3·03	+ 1·7109	− ·0012	+ 14	+50	0	41·3	+10·402	+ ·209	− 22	7, 7	19·72, 17·54	27937
1910	BD + 65° 1433	6·9	20	6	22·78	+ 0·5053	− ·0265	+ 17	+66	5	20·9	+10·502	+ ·058	− 8	5, 5	19·78, 19·78	27957
1911	b^2 Cygn	5·0	20	6	38·41	+ 2·2275	+ ·0016	− 4	+36	37	4·8	+10·521	+ ·272	+ 9	2, 2	14·62, 14·62	5170
1912	18 Vulp	5,6	20	7	25·69	+ 2·5024	+ ·0012	0	+26	40	52·0	+10·579	+ ·305	− 7	3, 3	19·58, 19·58	5173
1913	θ Aqil F	3·2	20	7	26·153	+ 3·0935	− ·0043	+ 21*	− 1	2	41·89	+10·580	+ ·378	+ 3*	26, 50	18·25, 17·54	5171
1914	Br. 2581	6·2	20	7	45·38	+ 2·6395	+ ·0005	+ 9	+20	54	37·6	+10·604	+ ·322	+ 32	6, 6	20·60, 20·60	28013
1915	20 Vulp	6·0	20	8	51·93	+ 2·5152	+ ·0012	− 3	+26	15	14·2	+10·686	+ ·306	− 16	2, 3	21·08, 17·94	5178
1916	68 Drac	5·9	20	10	21·08	+ 0·9685	− ·0143	+188	+61	51	3·2	+10·796	+ ·114	+ 80	3, 3	13·36, 13·36	5184
1917	Gr. 3087	6·5	20	10	26·58	+ 1·6709	− ·0017	− 7	+51	14	14·3	+10·803	+ ·200	− 24	3, 3	16·01, 16·01	5183
1918	o^1 Cygn	4·9	20	10	56·55	+ 1·8846	+ ·0003	+ 14	+46	35	17·1	+10·840	+ ·226	− 9	3, 3	13·05, 13·05	5186
1919	21 Vulp	5·4	20	11	9·59	+ 2·4637	+ ·0015	+ 5	+28	28	0·3	+10·855	+ ·297	− 25	3, 4	19·00, 19·63	5185
1920	Gr. 3088	6·5	20	11	11·29	+ 2·0198	+ ·0012	− 14	+43	9	2·9	+10·858	+ ·243	+ 5	5, 5	16·03, 16·03	28098
1921	o^2 Cygn	3·9	20	11	16·20	+ 1·8888	+ ·0004	+ 2	+46	30	46·9	+10·864	+ ·227	+ 1	2, 2	15·64, 15·64	5187
1922	κ Ceph S	4·4	20	11	26·743	− 1·9846	− ·1692	+ 38*	+77	29	10·56	+10·876	− ·248	+ 26*	20, 20	20·41, 20·41	5199
1923	33 Cygn S	4·4	20	11	39·281	+ 1·3883	− ·0057	+ 73*	+56	20	16·39	+10·892	+ ·165	+ 82*	17, 15	19·63, 19·61	5191
1924	23 Vulp	4·8	20	12	39·62	+ 2·4885	+ ·0014	− 32	+27	35	59·7	+10·966	+ ·298	+ 6	2, 2	20·66, 20·66	5195
1925	32 Cygn	4·2	20	13	9·19	+ 1·8544	+ ·0001	+ 5	+47	28	59·4	+11·001	+ ·221	+ 2	1, 3	14·75, 13·71	5200
1926	Br. 2605	7·1	20	13	20·28	+ 2·4905	+ ·0015	+ 5	+27	32	39·1	+11·015	+ ·299	− 9	4, 4	19·62, 19·62	28173
1927	α^1 Capr	4·5	20	13	29·53	+ 3·3251	− ·0085	+ 10	−12	44	28·	+11·026	+ ·400	+ 6	2, 0	17·68,	5197
1928	24 Vulp S	5·7	20	13	34·494	+ 2·5658	+ ·0011	+ 13*	+24	26	20·78	+11·032	+ ·308	− 20*	11, 10	18·55, 18·34	5201
1929	Gr. 3110	6·1	20	13	34·62	+ 1·9434	+ ·0008	+ 2	+45	20	56·4	+11·033	+ ·232	− 58	3, 4	19·69, 18·96	5203
1930	α^2 Capr F	5·5	20	13	53·7	+ 3·3256	− ·0086	+ 4*	−12	46	41·85	+11·056	+ ·400	− 9*	0, 1	17·74	5202
1931	Br. 2613	5·7	20	14	15·14	+ 2·1340	+ ·0017	+ 2	+40	7	56·6	+11·082	+ ·254	− 12	2, 2	11·71, 11·71	5205
1932	BD + 28° 3695	7·0	20	14	27·18	+ 2·4581	+ ·0016	− 12	+28	54	49·1	+11·096	+ ·294	+ 32	5, 5	20·78, 20·78	28208
1933	Gr. 3117	7·5	20	14	32·87	+ 2·1273	+ ·0017	+ 15	+40	21	28·8	+11·103	+ ·254	− 17	5, 6	20·44, 19·98	28204
1934	Gr. 3121	7·3	20	14	54·84	+ 2·0548	+ ·0014	+ 8	+42	29	17·4	+11·130	+ ·244	− 1	5, 5	15·26, 15·26	28214
1935	P Cygn	5·1	20	15	1·29	+ 2·2111	+ ·0019	− 10	+37	47	55·6	+11·138	+ ·263	− 11	1, 1	11·72, 11·72	5208
1936	Br 2618	6·2	20	15	27·51	+ 2·1252	+ ·0017	+ 3	+40	29	51·4	+11·169	+ ·252	− 11	4, 5	17·91, 17·27	5210
1937	36 Cygn	5·8	20	15	39·96	+ 2·2443	+ ·0019	+ 29	+36	45	51·4	+11·185	+ ·267	+ 29	5, 6	19·43, 19·45	5211
1938	Gr. 3142	6·2	20	16	33·62	+ 1·4837	− ·0043	− 8	+55	9	44·1	+11·250	+ ·175	− 20	2, 4	13·11, 12·38	5218
1939	Gr. 3150	6·2	20	16	46·56	+ 0·5171	− ·0287	+792	+66	36	40·8	+11·266	+ ·058	+295	2, 2	15·12, 14·68	5219
1940	β Capr F	3·2	20	16	47·956	+ 3·3694	− ·0097	+ 24*	−15	1	9·64	+11·267	+ ·401	+ 1*	6, 6	20·26, 19·47	5216
1941	Gr. 3140	6·5	20	17	32·11	+ 2·1744	+ ·0019	− 7	+39	9	57·6	+11·320	+ ·257	− 20	4, 4	18·36, 18·56	5220
1942	Gr. 3143	6·1	20	17	32·98	+ 1·9067	+ ·0006	− 4	+46	35	58·7	+11·321	+ ·224	+ 8	5, 5	18·85, 18·85	28297
1943	71 Drac	5·8	20	18	21·77	+ 1·0022	− ·0144	+ 11	+62	1	9·0	+11·380	+ ·115	+ 30	2, 1	15·06, 15·57	5225
1944	BD + 53° 2384	5·9	20	18	31·06	+ 1·5946	− ·0027	− 22	+53	21	25·0	+11·391	+ ·186	+ 13	5, 5	15·82, 15·82	28311
1945	25 Vulp	5·7	20	18	49·93	+ 2·5790	+ ·0012	− 9	+24	12	22·2	+11·413	+ ·304	− 13	3, 3	19·63, 19·63	5224
1946	BD + 40° 4136	6·3	20	19	23·69	+ 2·1231	+ ·0018	− 8	+40	53	29·9	+11·454	+ ·249	− 32	6, 7	19·46, 19·60	28330
1947	γ Cygn S	2·2	20	19	32·136	+ 2·1526	+ ·0019	+ 1*	+40	0	57·22	+11·464	+ ·252	− 3*	14, 10	14·18, 14·39	5229
1948	BD + 30° 4005	6·5	20	19	36·26	+ 2·4137	+ ·0019	0	+31	1	27·9	+11·469	+ ·284	− 29	5, 6	20·78, 20·74	28347
1949	Gr. 3151	5·9	20	19	38·43	+ 1·9556	+ ·0009	+ 32	+45	33	12·3	+11·471	+ ·229	+ 32	3, 3	19·63, 19·63	5130
1950	Gr. 3154	6·3	20	20	5·54	+ 2·1287	+ ·0019	+ 8	+40	47	7·6	+11·503	+ ·249	− 53	3, 3	19·70, 19·70	5231

No.	STAR	M	1925·0 R.A.	Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.	Prec.	Sec. Var.	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
			h m s	s	s		° ′ ″	″	″				
1951	BD + 63° 1618	5·8	20 20 7·80	+ 0·8549	− ·0187	− 10	+63 44 21·0	+11·506	+ ·097	+ 24	4, 4	14·66, 14·66	28340
1952	Gr. 3157	5·8	20 20 20·38	+ 2·0623	+ ·0016	+ 44	+42 44 26·1	+11·522	+ ·241	+ 35	3, 4	16·35, 16·90	28364
1953	BD + 37° 3916	6·0	20 20 56·02	+ 2·2433	+ ·0021	− 2	+37 14 0·9	+11·564	+ ·262	− 3	1, 2	21·66, 21·60	5236
1954	Gr. 3167	6·5	20 21 5·04	+ 1·5472	− ·0034	+ 24	+54 25 49·7	+11·575	+ ·179	− 4	5, 5	19·59, 19·59	28375
1955	Gr. 3174	6·7	20 23 21·79	+ 2·1588	+ ·0021	+ 7	+40 9 18·3	+11·737	+ ·250	+ 6	6, 6	18·85, 18·85	28439
1956	Gr. 3184	6·4	20 23 31·79	+ 1·2453	− ·0093	+ 10	+59 21 16·1	+11·749	+ ·142	− 7	10, 7	19·93, 19·74	28434
1957	Gr. 3181	7·0	20 23 36·01	+ 1·5587	− ·0033	− 18	+54 26 16·8	+11·754	+ ·179	− 7	5, 5	19·27, 19·27	28438
1958	Gr. 3191	6·7	20 24 34·74	+ 1·4492	− ·0051	+ 27	+56 23 27·1	+11·823	+ ·165	+ 6	4, 6	12·16, 12·00	5250
1959	43 Cygn	5·9	20 24 44·69	+ 1·8262	+ ·0000	+ 74	+49 8 1·2	+11·834	+ ·209	+ 57	4, 4	12·17, 11·94	5251
1960	40 Cygn	5·8	20 24 47·56	+ 2·2244	+ ·0022	− 16	+38 11 36·8	+11·838	+ ·256	− 71	3, 3	12·66, 12·66	5249
1961	Br. 2641	6·7	20 26 11·78	+ 1·8523	+ ·0003	− 11	+48 40 8·2	+11·937	+ ·212	− 20	5, 5	19·22, 19·22	28501
1962	42 Cygn	6·1	20 26 28·72	+ 2·2877	+ ·0024	+ 9	+36 12 13·1	+11·957	+ ·262	− 8	4, 3	12·35, 12·23	5258
1963	BD + 65° 1466	6·6	20 26 58·10	+ 0·7223	− ·0242	+ 1	+65 30 21·4	+11·991	+ ·079	− 26	5, 5	20·35, 20·35	28509
1964	B.A.C. 7086	6·0	20 27 34·71	+ 1·4993	− ·0044	+ 5	+55 48 58·0	+12·033	+ ·170	+ 16	4, 5	13·65, 12·86	5264
1965	BD + 20° 4602	6·0	20 27 36·82	+ 2·6764	+ ·0007	+ 63	+20 21 5·9	+12·036	+ ·307	+ 43	6, 6	20·31, 20·31	28540
1966	θ Ceph S	4·3	20 28 19·516	+ 1·0036	− ·0156	+ 66*	+62 44 30·20	+12·086	+ ·112	− 18*	9, 10	16·88, 16·47	5270
1967	Pi 20h, 199	6·8	20 28 33·99	+ 1·8491	+ ·0003	− 1	+48 57 34·4	+12·102	+ ·209	− 5	3, 3	19·68, 19·68	5269
1968	Gr. 3213	6·0	20 29 12·52	+ 1·7096	− ·0012	+ 35	+52 3 12·1	+12·147	+ ·193	+ 7	5, 4	19·25, 18·90	28574
1969	ε Dlph F	4·1	20 29 37·780	+ 2·8655	− ·0013	+ 6*	+11 2 51·09	+12·177	+ ·327	− 26*	24, 54	17·62, 16·54	5272
1970	Gr. 3221	6·5	20 29 56·60	+ 1·4692	− ·0049	− 25	+56 31 29·0	+12·198	+ ·165	− 4	3, 3	13·33, 13·33	5276
1971	Br. 2673	6·6	20 30 20·75	− 0·2408	− ·0690	− 2	+72 16 40·1	+12·227	− ·033	− 25	7, 6	13·68, 13·92	5280
1972	47 Cygn	5·0	20 30 59·12	+ 2·3331	+ ·0025	− 2	+34 59 37·0	+12·271	+ ·263	− 14	2, 3	20·53, 20·54	5279
1973	Gr. 3234	6·6	20 31 23·86	+ 1·5911	− ·0029	+ 36	+54 32 39·1	+12·299	+ ·178	+ 17	5, 5	19·64, 19·64	28635
1974	Gr. 3226	5·8	20 31 27·46	+ 1·9636	+ ·0014	+ 28	+46 26 8·4	+12·303	+ ·221	− 3	4, 4	13·16, 12·66	5283
1975	Pi 20h, 265	6·7	20 32 16·36	+ 0·1413	− ·0498	− 12	+70 16 29·7	+12·360	+ ·011	− 19	10, 8	18·44, 18·44	28643
1976	73 Drac S	5·3	20 32 30·974	− 0·7691	− ·1040	+ 27*	+74 41 52·52	+12·376	− ·094	− 12*	20, 19	17·75, 18·55	5290
1977	Pi 20h, 236	6·5	20 32 39·37	+ 1·7474	− ·0007	− 4	+51 35 41·6	+12·386	+ ·195	− 3	10, 9	16·26, 16·32	28667
1978	26 Vulp	6·6	20 32 55·41	+ 2·5694	+ ·0018	+ 14	+25 37 18·1	+12·404	+ ·289	+ 2	3, 4	21·33, 20·88	5287
1979	β Dlph F	3·7	20 34 1·920	+ 2·8056	− ·0004	+ 74*	+14 19 59·83	+12·480	+ ·315	− 37*	15, 34	18·47, 16·78	5291
1980	ι Dlph	5·5	20 34 13·90	+ 2·8675	− ·0012	+ 30	+11 6 54·2	+12·494	+ ·322	− 18	4, 4	19·39, 19·39	5292
1981	BD + 17° 4370	6·0	20 34 29·46	+ 2·7335	+ ·0004	+ 10	+18 0 15·0	+12·512	+ ·306	+ 98	5, 5	19·49, 19·49	28720
1982	BD + 37° 4002	6·4	20 34 34·20	+ 2·2554	+ ·0027	+ 5	+38 4 1·4	+12·517	+ ·251	− 44	5, 5	20·65, 20·65	28714
1983	29 Vulp	4·8	20 35 10·32	+ 2·6743	+ ·0010	+ 41	+20 56 13·8	+12·558	+ ·298	− 1	2, 2	20·60, 20·60	5301
1984	28 Vulp	5·1	20 35 15·87	+ 2·6124	+ ·0015	− 2	+23 51 7·5	+12·564	+ ·291	− 11	2, 2	21·16, 21·16	5303
1985	BD + 23° 4085	6·3	20 35 18·25	+ 2·6219	+ ·0014	+ 7	+23 24 59·4	+12·567	+ ·292	− 7	7, 7	21·41, 21·41	28745
1986	7 Dlph	5·3	20 35 29·2	+ 2·8927	− ·0016	+213	+ 9 49 16·7	+12·580	+ ·323	+ 12	0, 2	12·58	5304
1987	Br. 2667	6·3	20 35 36·28	+ 2·7830	− ·0001	− 1	+15 34 25·2	+12·588	+ ·311	− 25	1, 1	11·77, 11·77	5307
1988	BD + 21° 4305	5·9	20 35 50·69	+ 2·6624	+ ·0011	+ 10	+21 33 7·9	+12·604	+ ·296	+ 14	5, 6	21·09, 21·04	28766
1989	Pi 20h 258	6·0	20 35 54·25	+ 2·4713	+ ·0025	− 33	+30 4 15·2	+12·608	+ ·274	− 79	5, 5	20·04, 20·04	5309
1990	α Dlph F	3·9	20 36 9·252	+ 2·7821	− ·0001	+ 44*	+15 38 47·46	+12·625	+ ·310	− 8*	23, 34	16·20, 16·42	5310
1991	B.A.C. 7230	6·4	20 36 42·01	− 5·8362	− ·7793	+132	+83 22 2·8	+12·662	− ·665	− 26	9, 8	21·26, 21·21	5324
1992	Gr. 3248	6·2	20 36 48·58	+ 2·1942	+ ·0028	+ 10	+40 18 49·3	+12·670	+ ·242	− 14	4, 4	19·34, 19·34	5313
1993	BD + 42° 3818	6·3	20 37 25·95	+ 2·1027	+ ·0025	− 68	+43 11 36·8	+12·712	+ ·232	− 63	5, 7	12·79, 12·48	28809
1994	BD + 29° 4131	6·5	20 37 29·47	+ 2·4874	+ ·0024	+ 3	+29 32 15·1	+12·716	+ ·275	+ 36	5, 6	19·39, 19·29	28816
1995	10 Dlph	6·4	20 37 45·51	+ 2·8095	− ·0004	− 7	+14 18 53·9	+12·734	+ ·311	− 6	3, 3	19·67, 19·67	5317
1996	Gr. 3263	6·2	20 38 42·43	+ 1·2745	− ·0093	+ 3	+60 14 0·3	+12·797	+ ·137	+186	2, 2	15·10, 15·10	5321
1997	α Cygn S	1·0	20 38 52·443	+ 2·0445	+ ·0022	+ 0*	+45 0 42·06	+12·809	+ ·224	− 1*	18, 18	16·32, 16·42	5320
1998	Gr. 3258	5·8	20 39 13·88	+ 2·1662	+ ·0028	+ 13	+41 26 52·1	+12·833	+ ·237	+ 9	6, 6	14·00, 14·00	5322
1999	51 Cygn	5·5	20 39 53·87	+ 1·8494	+ ·0006	+ 6	+50 4 12·2	+12·877	+ ·201	+ 0	6, 5	13·68, 13·51	5325
2000	δ Dlph	4·5	20 39 57·53	+ 2·8022	− ·0002	− 16	+14 48 16·5	+12·882	+ ·308	− 51	2, 5	12·64, 12·58	5323

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
2001	BD + 35° 4324	6-7	20	40	27·93	+ 2·3488	+ ·0030	− 11	+35	19	0·2	+12·916	+ ·256	− 4	7, 8	18·68, 18·69	28886
2002	Gr. 3274	6·2	20	41	3·79	+ 1·2827	− ·0094	− 7	+60	19	51·1	+12·956	+ ·137	− 13	8, 7	15·54, 15·52	28894
2003	4 Ceph	5·7	20	42	15·06	+ 0·7509	− ·0262	+ 38	+66	23	4·2	+13·035	+ ·078	+ 44	3, 3	13·72, 13·72	5333
2004	BD + 55° 2462	6·3	20	42	25·35	+ 1·5564	− ·0035	+ 3	+56	12	55·6	+13·046	+ ·167	− 15	4, 5	12·82, 12·59	28926
2005	ε Cygn S	2·5	20	43	10·583	+ 2·3984	+ ·0030	+288*	+33	41	18·40	+13·096	+ ·259	+323*	15, 15	17·18, 16·77	5336
2006	Pi 20h, 332	4·6	20	43	29·56	+ 1·4982	− ·0047	− 82	+57	18	36·7	+13·117	+ ·160	−232	1, 1	14·70, 14·70	5344
2007	ε Aqar F	3·8	20	43	37·039	+ 3·2467	− ·0084	+ 19*	+ 9	46	16·43	+13·125	+ ·352	− 34*	30, 44	18·37, 17·59	5337
2008	η Ceph S	3·5	20	43	45·990	+ 1·2100	− ·0115	+131*	+61	32	49·82	+13·135	+ ·128	+820*	11, 8	18·76, 19·59	5346
2009	Gr. 3278	6·8	20	44	7·17	+ 2·0195	− ·0023	− 27	+46	15	22·3	+13·158	+ ·216	− 14	7, 7	19·66, 19·66	28977
2010	Gr. 3285	6·4	20	44	10·82	+ 1·7488	− ·0005	− 91	+52	43	19·3	+13·162	+ ·187	−108	5, 5	14·46, 14·46	28975
2011	λ Cygn	4·7	20	44	29·15	+ 2·3356	+ ·0032	+ 3	+36	12	52·4	+13·183	+ ·251	− 11	1, 1	16·65, 16·65	5350
2012	T Cygn	Var.	20	44	11·15	+ 2·3906	+ ·0032	+ 36	+34	5	51·8	+13·164	+ ·258	+ 10	2, 2	20·62, 20·62	5345
2013	Gr. 3284	6·6	20	44	46·34	+ 2·0565	+ ·0026	+ 1	+45	18	13·1	+13·201	+ ·220	− 26	5, 5	19·85, 19·85	28997
2014	BD + 47° 3188	5·9	20	45	21·07	+ 1·9757	+ ·0021	+ 20	+47	33	17·4	+13·240	+ ·211	+ 14	2, 2	21·14, 21·14	5355
2015	Gr. 3295	6·4	20	45	38·43	+ 1·7839	+ ·0000	+ 69	+52	7	59·3	+13·259	+ ·189	−159	5, 5	20·40, 20·40	29021
2016	55 Cygn	5·2	20	46	22·93	+ 2·0438	+ ·0026	+ 3	+45	50	6·7	+13·307	+ ·217	− 4	2, 2	15·25, 15·25	5361
2017	BD + 51° 2957	6·7	20	46	26·82	+ 1·8108	+ ·0004	+ 23	+51	37	52·9	+13·311	+ ·192	+ 11	3, 3	20·71, 20·71	5362
2018	Gr. 3302	7·2	20	47	22·40	+ 2·0281	+ ·0025	+ 4	+46	22	51·9	+13·372	+ ·214	− 1	5, 5	14·02, 14·02	29065
2019	56 Cygn	5·1	20	47	24·89	+ 2·1191	+ ·0030	+114	+43	46	32·3	+13·375	+ ·224	+128	2, 2	12·69, 12·69	5365
2020	BD + 63° 1663	6·4	20	47	58·94	+ 1·0578	− ·0164	− 17	+63	45	44·1	+13·411	+ ·109	− 6	5, 5	19·38, 19·38	29069
2021	76 Drac P	5·9	20	48	6·964	− 4·2256	− ·5529	+163*	+82	15	17·69	+13·420	− ·463	+ 26*	236, 152	17·74, 17·36	5377
2022	T Vulp	Var.	20	48	17·16	+ 2·5461	+ ·0027	+ 5	+27	58	7·2	+13·432	+ ·270	− 13	4, 5	19·90, 19·67	5370
2023	μ Aqar F	4·8	20	48	36·612	+ 3·2344	− ·0083	+ 25*	− 9	15	56·64	+13·452	+ ·344	− 35*	3, 2	15·38, 14·69	5371
2024	BD + 29° 4221	6·6	20	49	58·44	+ 2·5183	+ ·0029	− 4	+29	21	59·1	+13·540	+ ·265	− 47	5, 5	19·00, 19·00	29136
2025	57 Cygn	4·8	20	50	35·47	+ 2·1202	+ ·0033	+ 16	+44	6	9·0	+13·581	+ ·222	+ 6	1, 1	14·76, 14·76	5375
2026	Gr. 3319	5·7	20	50	41·32	+ 2·0939	+ ·0032	+ 24	+44	53	49·2	+13·587	+ ·219	− 3	3, 3	11·98, 11·98	5376
2027	BD + 32° 3980	5·9	20	50	51·51	+ 2·4315	+ ·0033	− 6	+33	9	7·0	+13·598	+ ·255	+ 41	2, 2	20·60, 20·60	5378
2028	Br. 2749 S	5·7	20	51	2·442	− 2·6501	− ·3245	−101*	+80	16	18·37	+13·609	− ·290	− 30*	23, 22	20·30, 20·22	5388
2029	32 Vulp S	5·3	20	51	21·775	+ 2·5568	+ ·0027	− 7*	+27	46	17·85	+13·630	+ ·267	− 2*	14, 12	19·17, 19·32	5379
2030	17 Dlph	5·4	20	52	3·64	+ 2·8394	− ·0004	+ 9	+13	26	4·2	+13·674	+ ·297	− 19	2, 2	20·13, 20·13	5385
2031	Br. 2720	5·9	20	53	17·80	+ 2·0256	+ ·0029	+ 2	+47	7	46·2	+13·753	+ ·209	− 5	4, 3	14·19, 14·02	5389
2032	Gr. 3337	6·9	20	53	55·97	+ 2·1155	+ ·0034	− 8	+44	38	8·9	+13·794	+ ·218	+ 7	8, 7	16·52, 16·65	29241
2033	Br. 2725	6·3	20	53	58·62	+ 1·9613	+ ·0024	+ 6	+48	54	24·8	+13·796	+ ·202	+ 6	4, 4	19·41, 17·86	29239
2034	Gr. 3341	5·9	20	54	2·61	+ 1·8996	+ ·0018	+ 34	+50	26	24·1	+13·801	+ ·195	− 18	2, 2	20·14, 20·14	5392
2035	Br. 2727	6·3	20	54	16·65	+ 1·6045	− ·0026	+ 11	+56	35	54·0	+13·816	+ ·163	+ 6	3, 3	12·64, 12·64	5394
2036	ν Cygn S	4·0	20	54	22·523	+ 2·2351	+ ·0038	+ 4*	+40	52	40·15	+13·822	+ ·230	− 24*	19, 18	16·75, 16·98	5393
2039	18 Dlph	5·6	20	54	49·22	+ 2·8929	− ·0012	− 44	+10	32	57·4	+13·850	+ ·298	− 53	6, 8	19·38, 19·41	5395
2038	Br. 2726	5·9	20	55	38·23	+ 2·1373	+ ·0037	+ 98	+44	10	44·0	+13·901	+ ·218	+ 68	4, 2	14·68, 14·71	5401
2039	Br. 2748	6·1	20	55	38·66	− 0·6863	− ·1201	+ 97	+75	38	8·0	+13·902	− ·078	+ 45	10, 11	18·86, 18·21	29254
2040	BD + 41° 3949	6·4	20	55	44·40	+ 2·2170	+ ·0039	− 4	+41	38	53·9	+13·908	+ ·227	+ 13	5, 5	18·29, 18·29	29284
2041	11 Aqar	6·5	20	56	36·87	+ 3·1570	− ·0066	+ 29	− 5	1	15·9	+13·963	+ ·324	−136	2, 7	12·64, 12·57	5406
2042	f^1 Cygn	4·9	20	57	16·54	+ 2·0393	+ ·0032	+ 7	+47	13	40·1	+14·004	+ ·207	+ 3	1, 2	11·74, 11·71	5410
2043	Br. 2738	5·9	20	57	34·45	+ 1·4744	− ·0054	+ 62	+59	8	42·2	+14·023	+ ·146	+ 4	4, 4	13·69, 13·69	5412
2044	BD + 35° 4357	6·1	20	58	13·65	+ 2·3878	+ ·0040	− 14	+35	43	52·8	+14·064	+ ·242	+ 9	5, 6	18·49, 18·53	29350
2045	60 Cygn	5·5	20	58	33·71	+ 2·0931	+ ·0036	+ 2	+45	51	38·3	+14·085	+ ·211	+ 3	7, 7	13·83, 13·54	5414
2046	Gr. 3371	6·7	20	59	43·34	+ 2·1433	+ ·0039	− 16	+44	29	40·3	+14·156	+ ·215	+ 2	6, 6	19·14, 19·27	29388
2047	Gr. 3375	6·4	20	59	52·78	+ 1·6294	− ·0021	− 11	+56	45	31·6	+14·166	+ ·162	+ 7	5, 5	18·35, 18·35	29386
2048	Gr. 3378	6·0	21	0	5·00	+ 1·6526	− ·0016	+ 25	+56	22	23·1	+14·179	+ ·165	0	5, 5	13·07, 13·07	5421
2049	BD + 46° 3159	6·8	21	1	7·68	+ 2·0797	+ ·0037	− 57	+46	33	57·9	+14·243	+ ·207	−110	5, 5	19·29, 19·29	29427
2050	Gr. 3383	6·2	21	1	30·05	+ 1·8277	+ ·0012	+ 59	+52	59	11·9	+14·266	+ ·181	+ 16	7, 7	19·51, 19·51	29438

No.	STAR	M	1925·0 R.A.			Prec.	Sec. Var.	P.M. s ·0000	1925·0 Dec.			Prec.	Sec. Var.	P.M. μ ·000	No. Ob.	Epoch 1900 +	Boss
			h	m	s	s	s		°	′	″	″	″				
2051	ξ Cygn.....S	3·9	21	2	12·067	+ 2·1808	+ ·0042	+ 6*	+43	37	40·71	+14·309	+ ·216	− 3*	25, 26	14·31, 14·34	5431
2052	Pi 20h, 473.....	6·3	21	3	7·63	+ 2·6056	+ ·0030	+ 25	+26	37	24·5	+14·366	+ ·259	− 17	4, 6	17·97, 18·70	29491
2053	61[1] Cygn.....	5·5	21	3	27·65	+ 2·3360	+ ·0045	+3538	+38	22	47·1	+14·391	+ ·231	+3·250	6, 5	13·17, 12·86	5433
2054	f^2 Cygn.....	4·8	21	4	1·05	+ 2·0653	+ ·0038	+ 11	+47	20	48·1	+14·420	+ ·203	− 8	2, 2	12·62, 12·62	5436
2055	BD + 15° 4340.....	6·9	21	4	2·00	+ 2·8179	+ ·0004	+ 28	+15	21	26·5	+14·421	+ ·279	− 58	5, 6	19·07, 19·15	29530
2056	ν Aqar.....F	4·6	21	5	30·620	+ 3·2633	− ·0097	+ 63*	−11	40	34·63	+14·510	+ ·322	− 13*	30, 48	18·71, 17·93	5441
2057	Gr. 3409.....	6·0	21	5	57·04	+ 0·3808	− ·0512	−114	+71	7	52·4	+14·537	+ ·032	−108	10, 10	19·26, 19·26	29550
2058	BD + 67° 1288.....	6·9	21	6	40·89	+ 0·8089	+ ·0291	+ 52	+67	56	59·1	+14·581	+ ·075	+ 11	6, 6	19·98, 19·98	29575
2059	77 Drac.....S	6·1	21	7	1·690	− 1·1696	− ·1804	+ 83*	+77	49	21·19	+14·602	− ·123	+ 33*	22, 21	16·83, 16·65	5450
2060	Pi 21h, 32.....	5·8	21	7	56·39	+ 1·8517	+ ·0019	+ 25	+53	15	23·3	+14·657	+ ·178	− 3	5, 5	18·80, 18·80	5447
2061	ζ Cygn.....S	3·3	21	9	44·583	+ 2·5526	+ ·0040	− 2*	+29	55	6·95	+14·763	+ ·245	− 59*	14, 15	15·63, 15·98	5452
2062	Pi 21h, 51 (m).....	5·8	21	9	53·68	+ 1·5284	− ·0042	− 5	+59	40	39·7	+14·772	+ ·144	+ 3	9, 9	14·36, 13·91	5453
2063	Pi 21h, 43.....	6·3	21	10	25·44	+ 2·4104	+ ·0049	− 18	+36	19	22·7	+14·804	+ ·231	+ 6	5, 5	18·71, 18·71	29682
2064	Pi 21h, 61.....	7·2	21	10	52·80	+ 1·5289	− ·0041	− 4	+59	47	16·7	+14·830	+ ·143	− 12	2, 3	18·68, 18·97	5458
2065	BD + 29° 4354.....	7·0	21	10	57·92	+ 2·5625	+ ·0040	− 2	+29	35	24·0	+14·835	+ ·245	+ 6	5, 5	18·89, 18·89	29695
2066	τ Cygn.....	3·8	21	11	47·59	+ 2·3804	+ ·0051	+132	+37	43	28·3	+14·884	+ ·226	+427	10, 11	12·11, 12·08	5460
2067	α Equl.....F	4·0	21	12	4·514	+ 2·9956	− ·0028	+ 38*	+ 4	56	13·39	+14·900	+ ·286	− 87*	22, 46	18·36, 18·05	5461
2068	BD + 63° 1708.....	6·4	21	12	10·09	+ 1·2332	− ·0129	+ 35	+64	5	41·3	+14·906	+ ·114	−103	6, 6	20·31, 20·31	29718
2069	Pi 21h, 88.....	6·8	21	12	58·28	+ 0·6648	− ·0378	− 20	+69	42	57·6	+14·953	+ ·058	− 5	5, 5	21·06, 21·06	29733
2070	BD + 41° 4067.....	6·3	21	13	38·77	+ 2·2759	+ ·0054	+ 0	+41	56	17·4	+14·992	+ ·214	− 28	6, 5	16·70, 16·09	29766
2071	Gr. 3424.....	6·0	21	14	32·86	+ 2·2674	+ ·0055	+ 11	+42	22	6·6	+15·044	+ ·212	− 8	5, 5	18·69, 18·50	29791
2072	Gr. 3548.....P	7·7	21	14	36·633	−12·3742	−3·5501	+ 22*	+86	43	45·31	+15·048	−1·198	+ 14*	111, 67	16·75, 16·35	5499
2073	BD + 53° 2588.....	6·0	21	14	41·21	+ 1·8724	+ ·0026	+ 34	+53	40	54·6	+15·052	+ ·174	+ 33	5, 4	17·13, 18·48	29789
2074	BD + 57° 2309.....	6·5	21	15	15·21	+ 1·6482	− ·0013	− 3	+58	17	46·5	+15·085	+ ·152	+ 4	6, 7	20·50, 20·68	29804
2075	A Cygn.....	5·0	21	15	39·27	+ 2·2357	+ ·0055	− 14	+43	37	47·4	+15·108	+ ·208	− 23	3, 4	14·29, 14·22	5474
2076	Gr. 3429.....	6·8	21	16	1·27	+ 2·3181	+ ·0056	− 8	+40	43	25·6	+15·129	+ ·215	+ 9	4, 5	19·94, 18·28	29836
2077	BD + 37° 4271.....	6·3	21	16	22·66	+ 2·3911	+ ·0055	+ 6	+37	55	12·9	+15·150	+ ·222	− 6	5, 4	20·44, 20·38	29847
2078	BD + 80° 690.....	6·0	21	16	32·08	− 2·3963	− ·3639	− 14	+80	55	1·1	+15·159	− ·235	+ 2	10, 10	21·50, 21·50	29792
2079	Br. 2796.....	6·4	21	16	32·86	− 0·6249	− ·1371	+ 49	+76	41	48·1	+15·158	− ·065	+ 10	1, 3	14·08, 13·96	5486
2080	α Ceph.....S	2·4	21	16	47·378	+ 1·4118	− ·0074	+217*	+62	16	2·94	+15·173	+ ·128	+ 49*	11, 13	20·70, 20·15	5480
2081	Gr. 3432.....	5·8	21	16	53·82	+ 2·0620	+ ·0049	+ 14	+49	11	32·7	+15·180	+ ·190	− 4	3, 3	19·69, 19·69	5478
2082	B.A.C. 7417.....	5·9	21	17	11·15	+ 1·6614	− ·0009	+ 10	+58	18	21·0	+15·196	+ ·151	− 11	3, 5	13·40, 14·52	5481
2083	34 Vulp.....	6·0	21	17	40·83	+ 2·6941	+ ·0031	+154	+23	32	22·3	+15·224	+ ·250	−136	3, 3	20·34, 20·34	5482
2084	BD + 32° 4134.....	6·1	21	18	12·32	+ 2·5249	+ ·0049	+ 11	+32	17	36·4	+15·254	+ ·232	− 12	6, 7	20·84, 20·69	29896
2085	1 Pegs.....F	4·3	21	18	37·032	+ 2·7667	+ ·0020	+ 72*	+19	28	58·04	+15·277	+ ·255	+ 58*	4, 9	18·43, 18·69	5489
2086	Gr. 3438.....	6·8	21	18	37·71	+ 2·1641	+ ·0056	+ 36	+46	24	35·0	+15·278	+ ·198	+ 7	6, 5	21·74, 21·34	29906
2087	B.A.C. 7430.....	6·8	21	18	37·88	+ 1·5476	− ·0036	− 57	+60	26	14·9	+15·278	+ ·140	+ 1	5, 5	21·37, 21·37	29898
2088	Gr. 3441.....	6·0	21	19	24·00	+ 2·0793	+ ·0051	+ 40	+49	4	0·4	+15,321	+ ·189	+ 63	6, 6	13·71, 13·71	5495
2089	BD + 29° 4397.....	6·5	21	19	28·47	+ 2·5757	+ ·0046	+ 8	+29	59	18·5	+15·326	+ ·236	+ 5	5, 5	19·49, 19·49	29933
2090	Br. 2832.....	7·2	21	19	29·95	− 5·0441	− ·9228	+134	+83	56	36·4	+15·327	− ·480	− 11	4, 2	21·22, 21·22	5509
2091	Pi 21h, 114.....	5·8	21	20	35·98	+ 2·6924	+ ·0033	+ 90	+23	57	4·6	+15·388	+ ·245	+ 18	3, 3	19·98, 19·98	5498
2092	BD + 24° 4394.....	6·3	21	20	46·56	+ 2·6741	+ ·0036	+ 25	+24	59	22·0	+15·399	+ ·243	+ 1	6, 6	20·31, 20·31	29968
2093	Pi 21h, 120.....	5·9	21	21	14·13	+ 2·6593	+ ·0038	+ 28	+25	51	4·7	+15·425	+ ·242	− 7	4, 4	19·43, 19·43	5504
2094	Br. 2792.....	5·6	21	22	34·11	+ 2·1832	+ ·0061	+193	+46	23	20·0	+15·498	+ ·195	+ 46	4, 4	18·20, 18·20	5511
2095	69 Cygn.....	6·1	21	22	43·04	+ 2·4499	+ ·0059	+ 2	+36	20	33·8	+15·507	+ ·220	− 11	2, 2	11·70, 11·70	5512
2096	B.A.C. 7450.....	6·7	21	22	57·55	+ 2·7808	+ ·0021	+ 54	+19	2	59·6	+15·520	+ ·250	+ 14	6, 6	20·17, 20·17	30023
2097	BD + 48° 3390.....	5·3	21	24	11·65	+ 2·1230	+ ·0060	+ 69	+48	30	29·9	+15·588	+ ·187	+ 31	4, 5	13·50, 13·13	5517
2098	Pi 21h, 156.....	6·1	21	24	16·51	+ 1·9756	+ ·0047	+ 26	+52	34	19·9	+15·593	+ ·174	+ 11	4, 5	20·93, 21·08	5518
2099	Pi 21h, 153.....	5·9	21	24	55·80	+ 2·5520	+ ·0053	+ 94	+31	53	46·1	+15·629	+ ·226	+ 62	4, 5	18·44, 18·09	5519
2100	Gr. 3471.....	6·6	21	25	20·97	+ 1·6598	− ·0007	− 16	+59	25	24·1	+15·652	+ ·145	− 14	5, 6	20·85, 20·67	30065

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			h m s	s	s		° ′ ″	″	″				
2101	BD + 21° 4555	6·3	21 25 34·08	+ 2·7384	+ ·0030	+ 29	+21 51 3·5	+15·666	+ ·242	+ 12	6, 5	20·80, 20·80	30078
2102	7 Ceph	5·5	26 19·40	+ 1·1647	− ·0166	− 20	+66 28 53·5	+15·705	+ ·098	− 14	2, 1	12·68, 13·67	5525
2103	Pi 21h, 170	6·6	26 31·11	+ 1·8843	+ ·0036	+ 14	+55 5 23·1	+15·715	+ ·164	+ 11	5, 3	17·31, 21·02	30099
2104	Gr. 3511	6·2	27 5·0	− 1·7138	− ·2895	+181	+80 11 54·8	+15·745	− ·162	− 8	4, 4	13·09, 13·09	5533
2105	Gr. 3476	7·5	27 23·25	+ 1·9929	+ ·0052	+ 19	+52 36 14·7	+15·762	+ ·173	+ 11	3, 3	20·71, 20·71	5528
2106	β Aqar F	2·9	21 27 36·721	+ 3·1580	− ·0070	+ 10*	− 5 54 6·76	+15·775	+ ·277	− 7*	5, 10	16·51, 17·80	5527
2107	β Ceph S	3·3	27 41·910	+ 0·7799	− ·0357	+ 22*	+70 13 52·96	+15·779	+ ·063	+ 5*	22, 21	21·38, 21·32	5532
2108	Gr. 3480	6·2	27 50·36	+ 1·9947	+ ·0052	+ 24	+52 37 38·9	+15·787	+ ·173	+ 7	7, 7	18·44, 18·44	5531
2109	Gr. 3487	6·2	28 56·20	+ 2·0143	+ ·0055	+ 7	+52 17 17·9	+15·846	+ ·173	+ 3	6, 6	20·23, 20·23	30157
2110	BD + 47° 3449	6·8	29 0·52	+ 2·1562	+ ·0067	− 11	+48 15 12·0	+15·850	+ ·186	− 18	8, 7	21·72, 21·13	30160
2111	B.A.C. 7496	6·5	21 29 34·63	+ 2·1635	+ ·0067	− 17	+48 6 43·5	+15·880	+ ·186	− 20	5, 5	19·08, 19·08	30168
2112	Br. 2807	6·5	30 29·19	+ 2·2465	+ ·0071	− 4	+45 31 14·8	+15·928	+ ·192	+ 3	8, 7	12·18, 12·13	30189
2113	Gr. 3500	6·3	31 52·28	+ 2·0660	+ ·0063	+ 7	+51 21 49·9	+16·002	+ ·175	− 1	3, 4	12·96, 12·66	5548
2114	W Cygn	5·7	33 11·30	+ 2·2731	+ ·0075	+ 45	+45 2 17·9	+16·071	+ ·191	+ 6	5, 5	19·10, 19·10	30250
2115	ξ Aqar F	4·8	33 45·645	+ 3·1874	− ·0081	+ 75*	− 8 11 28·54	+16·101	+ ·270	− 24*	29, 61	19·39, 18·66	5551
2116	74 Cygn S	5·2	21 33 56·433	+ 2·4038	+ ·0073	− 4*	+40 4 33·83	+16·110	+ ·202	+ 8*	18, 15	13·49, 13·64	5553
2117	Gr. 3514	7·1	34 35·28	+ 2·2983	+ ·0076	− 4	+44 21 33·9	+16·144	+ ·192	− 28	5, 5	18·91, 18·91	30278
2118	Pi 21h, 228	7·0	34 45·86	+ 2·4325	+ ·0073	+ 13	+38 58 44·4	+16·153	+ ·203	− 4	2, 2	20·58, 20·58	5557
2119	Gr. 3523	5·0	35 8·82	+ 1·9979	+ ·0060	− 23	+53 42 14·5	+16·173	+ ·165	0	5, 5	19·86, 19·86	30288
2120	Pi 21h, 241	7·2	35 10·68	+ 1·5905	− ·0022	+ 69	+61 57 49·3	+16·174	+ ·130	+126	2, 2	20·64, 20·64	5561
2121	BD + 24° 4445	6·5	21 35 22·31	+ 2·7025	+ ·0044	− 18	+25 9 35·6	+16·184	+ ·226	+ 4	5, 5	21·27, 21·27	30298
2122	Gr. 3524	6·8	35 47·10	+ 2·1534	+ ·0074	− 16	+49 27 23·9	+16·206	+ ·178	− 5	5, 6	19·30, 19·37	30306
2123	9 Ceph	4·9	35 54·51	+ 1·6106	− ·0015	+ 7	+61 44 36·1	+16·212	+ ·131	+ 2	3, 4	12·26, 12·10	5563
2124	Pi 21h, 248	6·2	36 37·93	+ 1·8610	+ ·0041	+ 5	+57 8 58·1	+16·249	+ ·152	+ 2	23, 22	13·98, 14·17	5565
2125	Pi 21h, 256	7·5	38 1·68	+ 1·8671	+ ·0043	− 54	+57 14 26·5	+16·320	+ ·150	− 19	3, 3	20·02, 20·02	5571
2126	Gr. 3544	6·2	21 38 14·15	+ 1·9852	+ ·0062	+ 6	+54 31 50·2	+16·331	+ ·161	− 2	5, 5	17·86, 17·86	30362
2127	Gr. 3550	6·5	38 19·58	+ 1·7627	+ ·0023	+ 82	+59 24 38·5	+16·335	+ ·142	+ 27	5, 5	19·72, 19·72	30363
2128	Pi 21h, 253	6·2	38 51·14	+ 2·5289	+ ·0071	+ 4	+35 10 3·9	+16·362	+ ·206	− 1	5, 6	20·52, 20·71	30384
2129	BD + 45° 3637	6·8	39 66·20	+ 2·2915	+ ·0082	+ 3	+45 25 24·4	+16·383	+ ·186	− 13	5, 5	20·12, 20·12	30390
2130	π^1 Cygn	4·8	39 25·83	+ 2·1281	+ ·0077	+ 6	+50 50 48·1	+16·391	+ ·172	− 1	4, 4	13·02, 13·02	5580
2131	Gr. 3556	6·2	21 39 54·87	+ 2·1826	+ ·0081	+ 7	+49 15 25·7	+16·415	+ ·176	− 3	5, 5	15·90, 15·90	30407
2132	BD + 49° 3597	7·4	40 3·38	+ 2·1654	+ ·0080	+ 5	+49 49 25·4	+16·422	+ ·174	+ 32	6, 7	21·01, 20·83	Gr² 9339
2133	Br. 2841	5·6	40 5·43	+ 2·4113	+ ·0081	− 19	+40 48 41·7	+16·425	+ ·194	− 14	1, 1	20·57, 20·57	5583
2134	79 Cygn	5·8	40 19·48	+ 2·4765	+ ·0077	+ 32	+37 56 22·9	+16·436	+ ·200	0	2, 4	11·76, 11·74	5585
2135	Gr. 3561	6·0	40 29·90	+ 1·8048	+ ·0034	− 7	+58 55 37·6	+16·445	+ ·143	+ 11	5, 5	21·11, 21·11	30418
2136	ε Pegs F	2·4	21 40 30·128	+ 2·9445	− ·0004	+ 17*	+ 9 31 49·88	+16·445	+ ·238	− 1*	21, 46	17·47, 16·76	5584
2137	11 Ceph	4·9	40 49·40	+ 0·8626	− ·0345	+240	+70 57 57·4	+16·461	+ ·065	+ 98	4, 4	14·50, 14·50	5594
2138	μ Ceph	4·5	41 12·68	+ 1·8346	+ ·0041	− 1	+58 26 8·5	+16·480	+ ·145	− 2	4, 4	16·22, 16·22	5593
2139	κ Pegs. (m)	4·2	41 14·85	+ 2·7133	+ ·0048	+ 24	+25 17 58·2	+16·482	+ ·218	+ 2	4, 2	13·47, 15·23	5592
2140	Br. 2851	6·8	42 32·42	+ 2·7172	+ ·0049	+ 10	+25 14 13·8	+16·546	+ ·217	+ 1	8, 8	20·27, 20·27	5598
2141	BD + 35° 4626	6·4	21 42 33·56	+ 2·5344	+ ·0074	+ 76	+35 30 38·9	+16·547	+ ·202	+ 6	4, 4	15·50, 15·50	30475
2142	Gr. 3564	6·2	42 33·87	+ 2·1102	+ ·0080	+ 13	+51 55 17·4	+16·547	+ ·166	0	7, 5	15·14, 15·69	30471
2143	12 Pegs	5·6	42 37·23	+ 2·7589	+ ·0041	+ 5	+22 36 8·7	+16·550	+ ·219	− 14	2, 4	19·14, 19·45	5599
2144	BD + 61° 2193	6·0	42 49·56	+ 1·6498	− ·0002	− 13	+62 6 52·6	+16·560	+ ·128	+ 1	5, 5	17·30, 17·30	30473
2145	δ Capri F	2·8	42 54·227	+ 3·2952	− ·0126	+179*	−16 28 5·34	+16·564	+ ·264	−295*	9, 11	19·83, 20·27	5600
2146	Br. 2852	6·6	21 42 58·88	+ 2·7186	+ ·0050	+108	+25 12 55·0	+16·568	+ ·215	+ 13	3, 3	19·98, 19·98	5602
2147	ρ Ceph S	4·5	43 17·053	+ 1·7310	+ ·0020	− 3*	+60 46 27·40	+16·583	+ ·135	0*	12, 12	18·28, 18·28	5608
2148	π^2 Cygn S	4·4	44 1·211	+ 2·2145	+ ·0087	+ 4*	+48 57 43·32	+16·619	+ ·173	− 3*	17, 19	15·42, 15·03	5609
2149	Pi 21h, 298	6·7	44 58·65	+ 2·5287	+ ·0078	− 25	+36 13 54·6	+16·666	+ ·198	+ 2	5, 6	15·54, 14·90	30527
2150	Gr. 3571	7·4	45 12·05	+ 2·4808	+ ·0083	− 4	+38 36 26·2	+16·676	+ ·194	− 6	3, 3	19·68, 19·68	5612

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2151	BD + 37° 4427	5·8	21	45	22·35	+ 2·4879	+ ·0083	+ 17	+38	17	57·9	+16·685	+ ·194	− 2	4, 4	12·18, 12·18	30537
2152	BD + 19° 4793	6·7		45	56·53	+ 2·8026	+ ·0035	− 10	+20	6	45·7	+16·712	+ ·218	0	5, 6	20·61, 20·33	30555
2153	14 Pegs	5·3		46	31·52	+ 2·6515	+ ·0064	+ 20	+29	49	27·3	+16·740	+ ·206	− 27	3, 3	20·38, 20·38	5617
2154	Gr. 3591	6·8		47	23·90	+ 1·3968	− ·0086	− 30	+66	26	36·1	+16·782	+ ·103	− 71	4, 4	12·74, 12·76	5620
2155	Gr. 3584	6·5		47	58·72	+ 2·4794	+ ·0087	+ 3	+39	11	5·3	+16·810	+ ·190	+ 6	5, 5	14·33, 14·33	30593
2156	Pi 21h, 312	5·9	21	48	2·81	+ 2·8155	+ ·0034	+ 24	+19	28	27·7	+16·813	+ ·216	+ 14	3, 3	19·04, 19·04	5621
2157	Gr. 3592	7·0		49	5·05	+ 2·2681	+ ·0096	− 17	+48	5	3·4	+16·862	+ ·172	+ 12	5, 5	18·31, 18·31	30617
2158	15 Pegs	5·8		49	8·96	+ 2·6817	+ ·0063	− 45	+28	26	31·1	+16·865	+ ·204	− 74	3, 3	12·70, 12·70	5625
2159	μ Capr F	5·3		49	12·556	+ 3·2515	− ·0111	+211*	−13	54	19·47	+16·868	+ ·249	+ 9*	27, 36	20·33, 20·49	5623
2160	Gr. 3598	6·9		49	28·03	+ 2·0267	+ ·0081	+ 49	+55	26	20·2	+16·880	+ ·153	+ 17	1, 1	14·61, 14·61	5628
2161	Br. 2866	6·1	21	49	28·62	+ 2·0266	+ ·0081	+ 18	+55	26	38·1	+16·881	+ ·152	− 1	9, 9	14·37, 14·37	5629
2162	16 Pegs S	5·1		49	38·912	+ 2·7284	+ ·0054	+ 1*	+25	34	18·05	+16·889	+ ·207	+ 1*	12, 13	15·56, 15·88	5627
2163	Gr. 3608	6·4		49	44·76	+ 1·4964	− ·0048	− 13	+65	24	0·6	+16·894	+ ·111	− 11	4, 4	15·29, 15·29	30629
2164	Br. 2868	7·1		50	35·24	+ 2·0183	+ ·0081	+ 32	+55	51	30·8	+16·933	+ ·150	+ 7	2, 2	20·14, 20·14	5632
2165	Br. 2867	6·9		50	41·94	+ 2·1020	+ ·0090	− 15	+53	38	36·3	+16·938	+ ·156	− 13	2, 2	20·59, 20·59	5633
2166	BD + 19° 4814	7·2	21	50	45·84	+ 2·8218	+ ·0035	− 27	+19	21	49·5	+16·941	+ ·213	− 7	5, 5	18·90, 18·90	30663
2167	79 Drac	6·9		51	54·68	+ 0·7039	− ·0489	+108	+73	20	50·5	+16·995	+ ·047	+ 29	8, 7	13·50, 13·97	5640
2168	Br. 2871	7·1		52	19·46	+ 2·1152	+ ·0094	+169	+53	34	40·5	+17·014	+ ·157	+ 81	4, 4	20·16, 20·16	5638
2169	13 Ceph	6·1		52	21·82	+ 2·1055	+ ·0083	− 9	+56	15	19·6	+17·016	+ ·148	− 4	4, 4	12·50, 12·50	5639
2170	Pi 21h, 339	6·5		52	53·52	+ 2·8043	+ ·0042	− 2	+20	52	58·2	+17·040	+ ·208	+ 17	5, 7	18·92, 19·69	30710
2171	Gr. 3617	6·0	21	52	54·01	+ 2·1427	+ ·0097	+ 6	+52	53	12·7	+17·040	+ ·157	+ 5	5, 5	19·13, 19·13	30701
2172	Gr. 3621	6·4		53	5·84	+ 1·7954	+ ·0044	+ 3	+61	11	8·2	+17·050	+ ·130	+ 9	5, 5	19·12, 19·12	30702
2173	BD + 64° 1607	6·0		53	32·00	+ 1·5731	− ·0020	+ 16	+64	57	51·0	+17·070	+ ·113	+ 3	3, 5	13·08, 12·52	5642
2174	Pi 21h, 360	5·4		54	32·21	+ 1·6917	+ ·0018	− 14	+63	16	5·0	+17·115	+ ·121	+ 8	5, 5	12·15, 12·55	5650
2175	Gr. 3637	6·3		55	16·10	+ 1·5334	− ·0034	+ 6	+65	47	53·5	+17·149	+ ·108	+ 4	13, 14	17·65, 18·08	30745
2176	Gr. 3639	6·8	21	55	28·96	+ 1·5370	− ·0032	+ 10	+65	46	50·4	+17·158	+ ·109	+ 18	6, 7	20·00, 19·80	30749
2177	Gr. 3644	6·5		56	40·76	+ 1·7663	+ ·0040	+ 3	+62	20	17·3	+17·212	+ ·125	+ 29	7, 10	17·42, 17·72	30774
2178	Br. 2897	6·6		57	8·74	+ 0·5887	− ·0604	− 15	+74	38	15·4	+17·233	+ ·037	− 6	11, 12	17·99, 17·93	30772
2179	20 Pegs	5·8		57	26·06	+ 2·9186	+ ·0015	+ 36	+12	45	35·8	+17·246	+ ·209	− 56	3, 7	12·07, 12·40	5658
2180	16 Ceph	5·2		58	11·25	+ 0·8817	− ·0384	−150	+72	49	24·1	+17·279	+ ·058	−160	11, 14	13·11, 12·85	5661
2181	Gr. 3654	6·8	21	58	24·50	+ 1·7944	+ ·0049	− 5	+62	7	35·9	+17·289	+ ·125	+ 10	5, 5	18·54, 18·54	30812
2182	Pi 21h, 383	5·9		59	5·53	+ 2·1954	+ ·0110	− 2	+52	31	12·6	+17·319	+ ·154	+ 3	7, 8	16·84, 17·31	5664
2183	14 Ceph	5·6		59	33·17	+ 2·0148	+ ·0094	− 8	+57	38	17·3	+17·340	+ ·139	− 4	3, 3	13·39, 13·39	5667
2184	Gr. 3655	5·7		59	54·91	+ 2·4207	+ ·0111	− 10	+44	17	16·0	+17·355	+ ·169	− 37	4, 4	12·68, 12·68	5669
2185	BD + 32° 4329	7·0	22	1	15·49	+ 2·6499	+ ·0085	− 9	+32	34	39·6	+17·414	+ ·184	+ 1	5, 5	17·08, 17·08	30879
2186	18 Ceph	5·5	22	1	38·00	+ 1·7913	+ ·0052	+ 44	+62	45	17·7	+17·430	+ ·122	+ 43	3, 3	19·70, 19·70	5678
2187	α Aqar F	2·9		1	55·961	+ 3·0809	− ·0040	+ 9*	− 0	41	5·15	+17·443	+ ·214	− 6*	28, 62	18·39, 17·95	5676
2188	Gr. 3672	6·3		2	17·62	+ 2·3839	+ ·0117	− 43	+46	22	48·7	+17·459	+ ·163	− 20	4, 4	18·89, 18·89	30898
2189	23 Pegs	5·7		2	10·66	+ 2·7145	+ ·0073	+ 24	+28	35	57·0	+17·454	+ ·187	− 17	2, 2	18·69, 18·69	5681
2190	20 Ceph	5·5		2	43·67	+1·8201	+ ·0060	+ 16	+62	25	8·8	+17·477	+ ·122	+ 64	3, 4	11·73, 11·74	5685
2191	Gr. 3680	6·4	22	2	54·56	+ 2·3506	+ ·0119	− 8	+47	51	57·5	+17·485	+ ·160	+ 4	5, 5	18·91, 18·91	30917
2192	Pi 21h, 405	5·4		2	59·55	+ 2·4278	+ ·0116	− 1	+44	38	56·6	+17·489	+ ·166	− 17	3, 3	14·71, 41·71	5686
2193	Gr. 3681	6·5		3	9·94	+ 2·4234	+ ·0116	+ 31	+44	52	59·0	+17·496	+ ·165	− 10	5, 5	18·92, 18·92	30924
2194	ι Pegs S	3·9		3	31·078	+ 2·7698	+ ·0062	+220*	+24	58	41·17	+17·511	+ ·189	+ 18*	17, 17	20·77, 20·88	5688
2195	Gr. 3690	5·4		4	38·79	+ 2·2193	+ ·0120	− 10	+52	56	25·6	+17·559	+ ·149	− 8	6, 6	15·92, 15·75	30958
2196	BD + 24° 4540	5·6	22	4	49·43	+ 2·7702	+ ·0064	− 30	+25	10	36·7	+17·566	+ ·187	− 36	6, 7	19·52, 19·55	30968
2197	BD + 49° 3746	6·8		5	21·68	+ 2·3343	+ ·0124	+ 28	+49	25	45·6	+17·589	+ ·155	− 23	6, 6	17·68, 16·36	30979
2198	BD + 45° 3813	7·3		5	38·99	+ 2·4250	+ ·0120	− 28	+45	22	24·0	+17·601	+ ·162	+ 31	5, 4	15·73, 16·74	30985
2199	27 Pegs	5·8		5	54·16	+ 2·6615	+ ·0090	− 45	+32	48	19·4	+17·611	+ ·178	− 72	11, 10	15·82, 15·34	5701
2200	θ Pegs F	3·7		6	24·988	+ 3·0079	− ·0010	+184*	+ 5	49	41·91	+17·633	+ ·201	+ 34*	28, 53	17·98, 17·56	5703

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			h m s	s	s		° ′ ″	″	″				
2201	π Pegs.....S	4·3	22 6 39·256	+ 2·6639	+ ·0091	− 10*	+32 48 34·41	+17·643	+ ·177	− 23*	11, 12	16·63, 16·22	5709
2202	28 Pegs.....	6·5	6 57·44	+ 2·8348	+ ·0049	− 21	+20 36 31·8	+17·655	+ ·188	− 13	2, 2	20·18, 20·18	5710
2203	Pi 22h, 10.....	6·5	7 28·36	+ 2·7063	+ ·0083	+ 3	+30 11 1·5	+17·677	+ ·178	− 9	6, 6	19·04, 19·04	31034
2204	Gr. 3703.....	5·5	8 14·66	+ 2·3145	+ ·0131	+148	+50 27 8·4	+17·709	+ ·151	+ 32	4, 5	14·22, 13·12	5713
2205	ζ Ceph.....S	3·6	8 14·955	+ 2·0774	+ ·0117	+ 13*	+57 49 52·61	+17·709	+ ·134	+ 7*	10, 11	19·81, 20·01	5714
2206	24 Ceph.....S	5·0	22 8 22·098	+ 1·1511	− ·0231	+ 61*	+71 58 18·31	+17·714	+ ·071	+ 4*	26, 21	17·49, 17·08	5716
2207	BD + 24° 4548.....	6·5	8 38·81	+ 2·7874	+ ·0065	− 6	+24 34 47·6	+17·725	+ ·182	− 20	6, 6	20·88, 20·88	31064
2208	λ Ceph.....	5·3	8 57·72	+ 2·0352	+ ·0113	+ 29	+59 2 39·1	+17·738	+ ·131	− 6	2, 2	20·15, 20·15	5719
2209	Br. 2926.....	5·5	9 5·74	+ 2·1347	+ ·0125	+288	+56 27 56·1	+17·743	+ ·137	+128	4, 4	12·96, 12·96	5721
2210	Gr. 3715.....	6·6	9 21·26	+ 2·0518	+ ·0115	+164	+58 42 42·6	+17·754	+ ·131	+ 84	5, 5	19·51, 19·51	31076
2211	Pi 22h, 29.....	5·6	22 9 28·55	+ 2·6510	+ ·0099	+ 16	+34 14 3·8	+17·759	+ ·171	− 43	5, 5	16·78, 16·78	5724
2212	Pi 22h, 42.....	6·1	10 2·17	+ 1·8665	+ ·0082	− 11	+62 55 12·7	+17·781	+ ·118	− 7	6, 2	14·89, 15·53	31086
2213	Pi 22h, 32.....	6·2	10 12·37	+ 2·5699	+ ·0115	+ 42	+28 14 9·2	+17·806	+ ·164	+ 5	3, 3	20·64, 20·64	5732
2214	Gr. 3737.....	5·8	10 43·87	+ 2·4581	+ ·0127	+ 82	+45 4 5	+17·809	+ ·156	− 7	3, 0	12·75,	5734
2215	Br. 2938.....	6·4	11 28·02	+ 1·8875	+ ·0089	− 41	+62 47 24·3	+17·838	+ ·117	+ 2	3, 1	14·70, 20·63	5738
2216	ε Ceph.....	4·2	22 12 15·69	+ 2·1523	+ ·0132	+546	+56 40 9·0	+17·872	+ ·134	+ 45	2, 0	14·78,	5742
2217	1 Lacr.....	4·3	12 41·91	+ 2·6122	+ ·0111	+ 17	+37 22 29·7	+17·887	+ ·164	− 4	2, 1	15·74, 19·74	5746
2218	θ Aqar.....F	4·4	12 52·653	+ 3·1591	− ·0074	+ 74*	− 8 9 26·22	+17·895	+ ·200	− 19*	32, 56	19·97, 18·46	5744
2219	Pi 22h, 50.....	6·6	13 2·43	+ 2·7608	+ ·0078	− 9	+27 25 47·3	+17·901	+ ·174	+ 4	5, 7	18·91, 19·32	31151
2220	Pi 22h, 61.....	6·1	13 43·90	+ 2·1579	+ ·0135	+ 55	+56 50 44·0	+17·929	+ ·134	− 3	3, 1	15·05, 17·73	5751
2221	Pi 22h, 65.....	6·4	22 15 38·66	+ 2·6237	+ ·0114	+ 58	+37 23 31·0	+18·002	+ ·160	+ 61	4, 2	17·00, 20·24	5754
2222	25 Ceph.....	6·2	15 45·63	+ 1·9486	+ ·0110	+ 65	+62 25 40·9	+18·007	+ ·117	+ 23	1, 1	13·64, 13·64	5756
2223	Pi 22h, 80.....	6·5	17 20·84	+ 2·1971	+ ·0147	+ 4	+56 32 25·9	+18·067	+ ·131	+ 10	5, 6	21·27, 21·02	31235
2224	BD + 50° 3673.....	6·5	17 41·27	+ 2·3703	+ ·0149	+ 11	+50 36 10·9	+18·080	+ ·142	+ 5	6, 6	20·70, 20·70	31243
2225	γ Aqar.....F	3·9	17 46·957	+ 3·0906	− ·0040	+ 82*	− 1 45 57·13	+18·084	+ ·187	+ 9*	3, 7	17·04, 14·87	5761
2226	BD + 57° 2508.....	6·4	22 17 57·03	+ 2·1507	+ ·0145	− 46	+58 1 53·4	+18·090	+ ·127	+ 36	6, 6	21·39, 21·39	31249
2227	32H Ceph.....P	5·4	19 30·334	− 4·5283	−1·4299	+ 52*	+85 43 53·29	+18·149	− ·288	+ 50*	41, 31	20·26, 19·78	5784
2228	Gr. 3758.....	6·3	20 13·94	+ 2·2082	+ ·0154	+ 15	+56 54 17·2	+18·175	+ ·128	+ 2	5, 7	19·77, 18·76	31297
2229	BD + 61° 2291.....	6·2	20 28·84	+ 2·0137	+ ·0132	− 9	+62 2 21·7	+13·184	+ ·116	+ 43	4, 5	21·49, 21·11	31303
2203	BD + 37° 4560.....	6·3	20 34·84	+ 2·6310	+ ·0123	+215	+38 11 27·1	+18·188	+ ·154	+119	5, 5	21·30, 21·30	31315
2231	β Lacr.....S	4·6	22 20 36·415	+ 2·3578	+ ·0156	− 16*	+51 51 10·22	+18·189	+ ·137	−190*	11, 11	21·17, 21·17	5776
2232	4 Lacr.....	4·6	21 28·32	+ 2·4299	+ ·0154	− 8	+49 5 45·3	+18·221	+ ·140	− 11	2, 2	14·18, 14·18	5779
2233	BD + 70° 1240.....	5·8	24 4·35	+ 1·5485	− ·0017	+ 60	+70 23 19·0	+18·241	+ ·084	+ 18	4, 5	12·88, 14·25	5792
2234	BD + 39° 4841.....	6·1	24 9·05	+ 2·6266	+ ·0131	− 1	+39 25 38·9	+18·317	+ ·148	− 10	6, 6	20·99, 20·99	31375
2235	Pi 22h, 113.....	6·3	24 19·96	+ 2·7413	+ ·0103	+ 32	+31 27 22·7	+18·324	+ ·154	+ 34	7, 6	15·04, 14·92	31381
2236	Br. 2969.....	5·8	22 24 40·30	+ 1·9279	+ ·0123	+ 9	+64 44 58·6	+18·336	+ ·106	+ 9	4, 4	15·22, 15·22	5796
2237	Pi 22h, 120.....	6·0	25 39·20	+ 2·8075	+ ·0084	+ 18	+26 22 44·4	+18·370	+ ·156	− 18	4, 2	19·50, 18·26	5798
2238	BD + 63° 1852.....	6·1	25 49·53	+ 1·9926	+ ·0140	+ 32	+63 42 7·6	+18·376	+ ·108	− 10	5, 5	19·67, 19·67	31410
2239	δ Ceph.....S	4·0	26 22·925	+ 2·2222	+ ·0171	+ 15*	+58 1 51·58	+18·395	+ ·121	+ 3*	17, 18	17·10, 17·02	5807
2240	38 Pegs.....	5·6	26 35·79	+ 2·7394	+ ·0108	+ 25	+32 11 18·1	+18·403	+ ·150	− 16	6, 7	13·92, 13·62	5806
2241	σ Aqar.....F	4·9	22 26 40·763	+ 3·1763	− ·0086	0*	−11 3 43·60	+18·406	+ ·176	− 30*	12, 22	20·80, 20·80	5803
2242	BD + 48° 3747.....	6·9	27 1·22	+ 2·4668	+ ·0165	− 27	+48 58 20·6	+18·418	+ ·135	− 43	5, 6	12·69, 12·70	31442
2243	6 Lacr.....	4·5	27 14·85	+ 2·5866	+ ·0147	− 12	+42 44 19·1	+18·425	+ ·140	− 2	2, 3	13·74, 14·05	5810
2244	α Lacr.....S	3·8	28 11·873	+ 2·4541	+ ·0170	+145*	+49 53 47·63	+18·458	+ ·132	+ 13*	15, 11	14·80, 14·64	5813
2245	BD + 15° 4670.....	6·7	29 6·87	+ 2·9299	+ ·0042	+ 6	+15 28 34·6	+18·489	+ ·157	+ 9	4, 5	18·49, 18·72	31490
2246	Gr. 3804.....	6·0	22 29 7·22	+ 2·6490	+ ·0137	+ 15	+39 23 37·3	+18·489	+ ·141	− 9	3, 3	17·08, 17·08	5815
2247	Gr. 3807.....	6·7	29 19·90	+ 2·3730	+ ·0179	+ 37	+53 39 1·8	+18·496	+ ·125	+ 28	5, 6	17·76, 18·09	31489
2248	Pi 22h, 156.....	5·9	30 45·67	+ 2·3140	+ ·0185	+ 89	+56 14 10·9	+18·544	+ ·121	+ 45	1, 2	11·73, 12·26	5821
2249	Gr. 3823.....	6·4	31 11·39	+ 2·1469	+ ·0178	+ 23	+61 23 25·7	+18·558	+ ·110	+ 22	4, 4	19·45, 19·45	31519
2250	η Aqar.....F	4·1	31 30·169	+ 3·0772	− ·0029	+ 60*	− 0 30 16·12	+18·569	+ ·161	− 54*	28, 57	18·31, 17·75	5824

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
2251	Br. 2981	6·7	22	32	31·70	+ 2·6663	+ ·0142	− 6	+39	14	22·9	+18·602	+ ·136	− 11	3, 2	19·07, 17·76	5832
2252	8 Lacr	5·9		32	31·89	+ 2·6662	+ ·0142	− 9	+39	14	44·9	+18·602	+ ·136	− 15	2, 3	20·74, 21·05	5833
2253	BD + 34° 4728	6·3		32	43·26	+ 2·7225	+ ·0126	− 4	+35	11	24·1	+18·609	+ ·140	− 67	5, 5	19·11, 19·11	31558
2254	BD + 11° 4838	7·2		33	22·34	+ 2·9663	+ ·0030	− 24	+12	11	17·6	+18·630	+ ·152	− 14	5, 5	20·05, 20·05	31570
2255	BD + 34° 4729	6·5		33	24·03	+ 2·7241	+ ·0127	− 2	+35	15	47·7	+18·631	+ ·138	0	5, 5	16·92, 16·92	31568
2256	31 Ceph	5·3	22	33	54·52	+ 1·4437	− ·0075	+394	+73	15	13·3	+18·647	+ ·069	+ 22	9, 8	13·24, 12·74	5838
2257	Gr. 3857	6·1		35	36·61	+ 1·2797	− ·0191	+117	+74	58	53·8	+18·701	+ ·059	+ 10	11, 11	20·54, 20·54	31604
2258	Gr. 3847	5·4		35	40·60	+ 2·3492	+ ·0200	+ 61	+56	24	21·0	+18·703	+ ·116	− 22	4, 5	12·37, 12·25	5843
2259	40 Pegs S	6·1		35	53·543	+ 2·6892	+ ·0144	0*	+38	39	34·55	+18·710	+ ·133	− 9*	18, 17	15·85, 16·22	5844
2260	30 Ceph	5·3		35	59·15	+ 2·1249	+ ·0190	− 2	+63	11	39·7	+18·713	+ ·103	− 19	3, 2	14·78, 14·80	5848
2261	41 Pegs	6·5	22	36	8·92	+ 2·9055	+ ·0064	+ 3	+19	17	23·3	+18·718	+ ·144	− 19	5, 4	19·70, 19·70	5847
2262	BD + 36° 4902	6·0		36	10·55	+ 2·7100	+ ·0138	+ 3	+37	12	6·6	+18·719	+ ·133	0	5, 5	19·12, 19·12	31632
2263	11 Lacr	4·6		37	13·22	+ 2·6185	+ ·0166	+ 90	+43	53	3·7	+18·751	+ ·127	+ 9	2, 4	13·24, 12·76	5852
2264	Gr. 3854	6·0		37	15·07	+ 2·4359	+ ·0199	− 2	+53	27	16·9	+18·752	+ ·117	− 13	6, 6	19·70, 19·70	31650
2265	ζ Pegs F	3·5		37	43·246	+ 2·9863	+ ·0025	+ 52*	+10	26	22·14	+18·767	+ ·145	− 12*	17, 36	18·74, 17·62	5853
2266	BD + 30° 4771	6·3	22	38	0·91	+ 2·7963	+ ·0113	+ 46	+30	34	24·7	+18·776	+ ·135	0	5, 5	20·52, 20·52	31668
2267	12 Lacr	5·4		38	6·96	+ 2·6830	+ ·0152	− 17	+39	50	0·1	+18·778	+ ·128	− 7	2, 2	20·75, 20·75	5856
2268	o Pegs	4·9		38	14·03	+ 2·8150	+ ·0106	− 5	+28	54	56·7	+18·782	+ ·135	− 35	2, 2	21·20, 21·20	5858
2269	Gr. 3858	6·3		38	14·68	+ 2·6649	+ ·0158	+128	+41	9	19·7	+18·783	+ ·128	+ 65	5, 6	21·31, 21·37	31672
2270	Gr. 3862	6·0		39	16·51	+ 2·4493	+ ·0204	− 2	+53	30	57·5	+18·814	+ ·115	+ 1	5, 5	17·90, 17·90	31690
2271	η Pegs S	4·9	22	39	29·012	+ 2·8091	+ ·0111	+ 8*	+29	49	43·07	+18·820	+ ·133	− 35*	11, 11	16·57, 16·59	5865
2272	Gr. 3864	6·4		39	49·91	+ 2·5855	+ ·0183	+ 9	+46	46	31·7	+18·831	+ ·121	− 2	4, 4	14·88, 14·46	31709
2273	BD + 64° 1704	6·7		40	26·14	+ 2·1003	+ ·0202	+ 13	+64	56	34·3	+18·849	+ ·096	− 4	5, 4	20·23, 19·88	31719
2274	Gr. 3869	6·5		40	41·79	+ 2·7049	+ ·0152	− 6	+39	4	20·0	+18·857	+ ·125	− 14	3, 2	13·77, 14·80	5868
2275	13 Lacr	5·3		40	44·56	+ 2·6732	+ ·0162	− 8	+41	25	31·3	+18·858	+ ·124	+ 6	13, 13	14·54, 14·54	5869
2276	Gr. 3877	6·9	22	41	41·27	+ 2·4971	+ ·0206	− 5	+52	7	21·9	+18·886	+ ·114	+ 13	5, 5	19·58, 19·61	31749
2277	Gr. 3882	6·0		42	50·20	+ 2·6442	+ ·0177	+131	+44	9	0·8	+18·919	+ ·118	+ 25	5, 6	13·28, 13·03	5876
2278	λ Pegs S	4·0		42	54·990	+ 2·8840	+ ·0085	+ 42*	+23	10	14·15	+18·922	+ ·131	− 14*	13, 14	18·00, 17·84	5875
2279	Pi 22h, 226	6·0		44	44·75	+ 2·7477	+ ·0149	− 50	+37	1	18·7	+18·974	+ ·121	− 58	5, 5	19·93, 19·93	31824
2280	Gr. 3894	6·0		45	40·64	+ 2·4864	+ ·0223	− 23	+54	1	5·9	+19·000	+ ·107	+ 8	7, 6	15·43, 15·55	31831
2281	Gr. 3897	6·4	22	45	54·17	+ 2·2559	+ ·0238	+ 8	+62	32	34·4	+19·006	+ ·096	− 48	5, 6	15·96, 15·74	31834
2282	μ Pegs S	3·7		46	22·867	+ 2·8831	+ ·0092	+107*	+24	12	18·98	+19·019	+ ·125	− 45*	12, 12	18·58, 19·72	5885
2283	Gr. 3900	5·6		46	40·17	+ 2·4611	+ ·0231	+ 99	+55	30	17·2	+19·028	+ ·106	+ 38	4, 6	12·48, 13·08	5887
2284	Gr. 3901	6·8		46	56·80	+ 2·5688	+ ·0211	+ 10	+50	16	46·1	+19·035	+ ·109	+ 4	6, 6	18·91, 18·91	31858
2285	14 Lacr	6·1		46	58·53	+ 2·7017	+ ·0172	+ 9	+41	33	21·2	+19·036	+ ·115	− 1	3, 3	14·07, 14·07	5890
2286	ι Ceph S	3·6	22	47	0·342	+ 2·1415	+ ·0232	−110*	+65	48	20·44	+19·037	+ ·090	−121*	9, 8	15·68, 15·70	5891
2287	Br. 3028	5·9		48	26·52	+ 2·3231	+ ·0251	+154	+61	17	50·8	+19·075	+ ·095	+ 42	2, 2	11·77, 11·77	5896
2288	15 Lacr	5·1		48	38·69	+ 2·6922	+ ·0180	+ 95	+42	54	48·6	+19·081	+ ·113	+ 18	2, 3	13·18, 13·73	5897
2289	λ Aqar F	3·8		48	42·181	+ 3·1301	− ·0061	+ 3*	− 7	58	44·52	+19·083	+ ·132	+ 36*	29, 49	19·42, 18·61	5895
2290	Gr. 3914	6·7		49	45·53	+ 2·7372	+ ·0168	− 3	+39	46	7·0	+19·111	+ ·112	− 9	4, 4	17·94, 17·94	31920
2291	BD + 67° 1475	6·9	22	50	3·00	+ 2·0990	+ ·0238	+139	+67	35	23·6	+19·118	+ ·084	+ 72	5, 6	20·49, 20·42	31921
2292	BD + 59° 2595	6·4		50	3·94	+ 2·3857	+ ·0254	+ 23	+59	42	6·6	+19·119	+ ·096	+ 10	4, 5	12·21, 12·32	31922
2293	Gr. 3918	5·9		50	18·52	+ 2·6816	+ ·0191	− 15	+44	20	59·4	+19·125	+ ·108	0	4, 5	16·68, 16·11	5903
2294	Gr. 3919	6·1		50	40·30	+ 2·7890	+ ·0170	+ 86	+39	58	35·8	+19·134	+ ·111	+ 36	4, 6	16·52, 15·94	31940
2295	BD + 36° 4956	6·0		51	33·11	+ 2·7800	+ ·0155	+ 72	+36	40	36·1	+19·157	+ ·111	+ 9	7, 7	19·48, 19·75	31964
2296	16 Lacr	5·7	22	52	57·93	+ 2·7354	+ ·0179	− 5	+41	12	11·7	+19·193	+ ·107	− 6	8, 8	12·12, 12·12	5913
2297	BD + 84° 517	6·2		52	58·45	− 1·3053	− ·6009	+ 59	+84	58	19·0	+19·194	+ ·103	+112	12, 12	21·07, 21·07	31955
2298	Gr. 3930	5·1		53	8·40	+ 2·6255	+ ·0221	+ 2	+49	19	58·3	+19·198	+ ·102	− 12	6, 5	20·04, 20·11	5914
2299	Gr. 3933	5·2		53	45·40	+ 2·6456	+ ·0217	+ 16	+48	16	58·9	+19·214	+ ·102	− 15	5, 4	14·54, 13·52	5918
2300	Pi 22h, 261	6·1		54	12·64	+ 2·7675	+ ·0170	− 7	+38	54	27·1	+19·224	+ ·106	+ 2	5, 7	20·33, 20·44	32010

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
2301	52 Pegs	6·0	22	55	26·62	+ 2·9984	+ ·0039	+ 17	+11	19	40·1	+19·255	+ ·113	− 41	4, 4	19·22, 19·22	5922
2302	Gr. 3940	6·4	22	55	55·17	+ 2·5965	+ ·0242	− 37	+52	15	6·0	+19·266	+ ·096	+ 28	7, 6	12·16, 12·23	32039
2303	Pi 22h, 276	7·4	22	55	56·92	+ 2·6027	+ ·0240	+ 14	+51	54	3·3	+19·267	+ ·097	− 9	6, 7	20·44, 20·45	32041
2304	Gr. 3945	6·6	22	56	4·39	+ 2·4503	+ ·0278	+ 3	+59	24	49·4	+19·270	+ ·090	+ 7	5, 5	18·99, 18·99	32042
2305	BD + 56° 2923	5·4	22	56	55·19	+ 2·5232	+ ·0266	+ 4	+56	32	34·7	+19·290	+ ·092	+ 8	3, 4	12·46, 13·04	5931
2306	Br. 3044	6·5	22	58	20·05	+ 2·5318	+ ·0272	− 6	+56	42	8·7	+19·324	+ ·090	− 5	4, 8	15·90, 14·46	32091
2307	o Andr. S	3·7	22	58	27·929	+ 2·7544	+ ·0192	+ 21*	+41	55	21·82	+19·327	+ ·098	− 21*	17, 15	14·56, 14·74	5933
2308	Gr. 3957	6·3	22	58	45·84	+ 2·7300	+ ·0204	+ 13	+44	10	11·2	+19·333	+ ·097	− 15	5, 7	20·17, 20·81	32100
2309	2 Andr.	5·2	22	59	8·92	+ 2·7532	+ ·0197	+ 55	+42	21	15·1	+19·342	+ ·097	− 7	3, 3	16·75, 16·75	5936
2310	Gr. 3968	6·8	22	59	38·58	+ 2·3919	+ ·0303	+ 39	+62	56	13·6	+19·354	+ ·082	+ 9	6, 6	20·88, 20·88	32119
2311	β Pegs. S	Var.	23	0	8·136	+ 2·8919	+ ·0120	+144*	+27	40	32·19	+19·365	+ ·101	+133*	11, 11	16·11, 16·11	5940
2312	BD + 57° 2676	5·7	23	0	11·20	+ 2·5174	+ ·0285	+ 82	+58	9	36·5	+19·366	+ ·086	+ 19	5, 5	20·93, 20·93	32130
2313	3 Andr.	4·8	23	0	48·46	+ 2·6712	+ ·0239	+169	+49	38	36·9	+19·380	+ ·090	+161	5, 4	13·50, 13·97	5942
2314	α Pegs. F	2·6	23	1	1·402	+ 2·9829	+ ·0059	+ 40*	+14	48	4·81	+19·385	+ ·102	− 45*	26, 46	18·28, 17·58	5944
2315	Gr. 3977	6·9	23	1	30·61	+ 2·4155	+ ·0312	+ 8	+62	50	6·7	+19·396	+ ·081	+ 44	6, 6	20·83, 20·83	32152
2316	Pi 22h, 300	6·3	23	2	34·33	+ 2·9644	+ ·0076	+160	+18	6	40·3	+19·419	+ ·099	+ 57	5, 5	21·29, 21·29	32178
2317	Gr. 3982	7·0	23	3	5·54	+ 2·4335	+ ·0319	+ 15	+62	48	27·7	+19·430	+ ·079	+ 11	6, 6	21·17, 21·17	32185
2318	55 Pegs.	4·8	23	3	13·49	+ 3·0209	+ ·0032	+ 5	+ 9	0	15·3	+19·433	+ ·100	− 14	2, 2	12·70, 12·70	5952
2319	1 Cass.	4·9	23	3	26·24	+ 2·5291	+ ·0302	+ 13	+59	0	51·1	+19·438	+ ·082	+ 6	4, 6	12·78, 12·96	5955
2320	BD + 20° 5278	5·9	23	3	46·56	+ 2·9500	+ ·0091	+ 79	+20	43	45·8	+19·445	+ ·096	− 52	5, 5	20·91, 20·91	32209
2321	Gr. 3986	5·8	23	3	50·39	+ 2·6516	+ ·0263	+ 11	+52	24	38·2	+19·446	+ ·086	+ 7	4, 4	14·71, 14·71	32205
2322	4 Andr.	5·6	23	4	13·23	+ 2·7395	+ ·0224	− 5	+45	58	55·4	+19·454	+ ·088	− 30	5, 4	12·93, 13·23	5957
2323	5 Andr.	6·0	23	4	20·58	+ 2·7046	+ ·0242	+150	+48	53	11·7	+19·457	+ ·087	+126	4, 4	14·99, 14·99	5958
2324	Gr. 3993	6·6	23	4	43·66	+ 2·4401	+ ·0329	+ 1	+63	13	38·8	+19·465	+ ·077	− 0	6, 6	20·72, 20·72	32228
2325	Gr. 3994	6·8	23	4	54·14	+ 2·4257	+ ·0333	+ 11	+63	48	59·5	+19·468	+ ·076	+ 3	6, 5	20·04, 19·92	32232
2326	η Ceph. S	4·6	23	5	30·397	+ 1·8996	+ ·0250	+ 30*	+74	58	54·92	+19·481	+ ·057	− 25*	25, 26	17·02, 16·60	5966
2327	2 Cass.	5·8	23	5	31·24	+ 2·5600	+ ·0312	− 5	+58	55	33·3	+19·502	+ ·078	+ 14	4, 3	15·24, 15·42	5969
2328	BD + 64° 1764	6·6	23	6	14·28	+ 2·4126	+ ·0344	+ 51	+64	48	16·8	+19·496	+ ·073	0	5, 5	20·15, 20·15	32263
2329	6 Andr.	6·1	23	6	59·20	+ 2·7856	+ ·0212	−183	+43	8	30·4	+19·511	+ ·085	−188	6, 4	12·89, 12·92	5972
2330	59 Pegs.	5·3	23	7	56·92	+ 3·0288	+ ·0032	− 11	+ 8	18	44·7	+19·530	+ ·091	− 6	1, 1	12·63, 12·63	5973
2331	7 Andr.	4·6	23	9	6·37	+ 2·7343	+ ·0252	+ 95	+48	59	45·1	+19·552	+ ·080	+ 96	6, 4	12·22, 12·22	5975
2332	Br. 3077. S	5·7	23	9	39·803	+ 2·6287	+ ·0309	+2531*	+56	45	15·03	+19·563	+ ·075	+297*	10, 13	14·72, 14·28	5976
2333	Pi 23h, 20	6·6	23	10	15·97	+ 2·9725	+ ·0087	+ 14	+19	13	32·4	+19·575	+ ·085	− 3	5, 4	20·13, 20·24	32344
2334	φ Aqar. F	4·4	23	10	26·332	+ 3·1052	− ·0042	+ 18*	− 6	27	12·90	+19·578	+ ·089	−191*	35, 50	19·44, 18·97	5978
2335	BD + 23° 4704	6·4	23	10	54·39	+ 2·9481	+ ·0110	+ 80	+23	41	38·8	+19·587	+ ·083	+ 8	5, 5	20·74, 20·96	32355
2336	BD + 23° 4712	6·6	23	12	15·88	+ 2·9477	+ ·0114	+ 65	+24	21	42·1	+19·612	+ ·080	+ 6	5, 5	20·14, 20·14	32380
2337	Br. 3086	5·7	23	12	43·62	+ 2·3009	+ ·0407	+ 24	+70	28	44·0	+19·620	+ ·061	+ 12	2, 2	11·82, 11·82	5987
2338	γ Psc. F	3·8	23	13	16·617	+ 3·0592	+ ·0007	+502*	+ 2	52	20·06	+19·630	+ ·082	+ 19*	39, 65	18·59, 18·08	5988
2339	Br. 3084	5·8	23	13	16·65	+ 2·7162	+ ·0291	+128	+52	48	34·9	+19·629	+ ·072	−244	4, 6	11·96, 12·24	5989
2340	Gr. 4025	6·8	23	13	44·68	+ 2·8073	+ ·0235	+ 97	+44	45	20·8	+19·638	+ ·074	− 74	3, 5	21·29, 20·91	5990
2341	Gr. 4033	6·4	23	14	39·86	+ 2·0999	+ ·0395	+ 56	+74	53	21·4	+19·654	+ ·052	+ 6	10, 10	19·49, 19·49	32436
2342	o Ceph.	5·1	23	15	32·22	+ 2·4446	+ ·0419	+112	+67	42	3·1	+19·669	+ ·060	+ 17	2, 4	11·77; 12·53	6000
2343	BD + 34° 4899	6·4	23	15	49·47	+ 2·8977	+ ·0173	+ 11	+34	22	57·8	+19·674	+ ·073	− 4	5, 5	20·13, 20·13	32473
2344	11 Andr.	5·5	23	15	59·79	+ 2·7874	+ ·0262	+ 17	+48	12	49·1	+19·677	+ ·069	+ 57	5, 5	15·56, 15·33	6001
2345	10 Andr.	6·0	23	16	17·91	+ 2·8474	+ ·0219	+ 38	+41	40	2·9	+19·682	+ ·070	+ 8	3, 4	14·83, 14·62	6003
2346	τ Pegs. S	4·6	23	16	55·312	+ 2·9652	+ ·0113	+ 20*	+23	19	46·56	+19·692	+ ·072	− 21*	11, 13	16·67, 16·69	6005
2347	Br. 3101	6·0	23	16	57·30	+ 2·6121	+ ·0376	+ 3	+61	33	34·6	+19·692	+ ·063	− 9	5, 5	20·16, 20·16	32499
2348	Gr. 4043	6·6	23	17	1·49	+ 2·6436	+ ·0360	+ 4	+59	51	50·5	+19·693	+ ·064	− 6	6, 6	21·03, 21·03	32501
2349	63 Pegs.	6·0	23	17	8·88	+ 2·9293	+ ·0150	+ 59	+30	0	20·7	+19·695	+ ·072	− 67	3, 4	12·01, 11·97	6006
2350	B.A.C. 8135	6·5	23	17	10·78	+ 2·8355	+ ·0233	− 18	+43	42	22·0	+19·696	+ ·068	− 26	6, 6	20·44, 20·44	32506

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dcc. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
2351	12 Andr.	6·0	23	17	15·74	+ 2·8808	+ ·0195	+ 97	+37	46	22·2	+19·697	+ ·070	− 78	4, 4	20·07, 20·07	6008
2352	Br. 3104	6·3	23	17	17·54	+ 2·6109	+ ·0380	+ 3	+61	48	9·2	+19·698	+ ·062	− 1	4, 5	20·73, 20·53	32508
2353	64 Pegs.	5·6	23	18	15·00	+ 2·9250	+ ·0158	+ 7	+31	24	5·5	+19·714	+ ·069	− 21	5, 4	15·10, 15·26	6009
2354	BD + 25° 4927	6·6	23	18	46·25	+ 2·9587	+ ·0126	+ 5	+25	30	26·1	+19·721	+ ·069	− 21	3, 3	21·00, 21·00	32530
2355	65 Pegs.	6·5	23	18	56·37	+ 2·9842	+ ·0100	+ 7	+20	25	3·6	+19·724	+ ·070	− 14	3, 3	20·36, 20·36	6011
2356	Br. 3110	5·8	23	19	11·34	+ 2·6674	+ ·0368	+ 1	+59	43	19·0	+19·728	+ ·060	− 3	5, 5	12·21, 12·21	6016
2357	Br. 3112	7·1	23	20	42·88	+ 2·7202	+ ·0350	+ 35	+57	7	25·4	+19·751	+ ·059	+ 1	3, 3	20·63, 20·63	6021
2358	67 Pegs.	5·7	23	21	10·34	+ 2·9322	+ ·0164	+ 4	+31	58	21·4	+19·758	+ ·064	− 1	4, 11	12·44, 13·12	6023
2359	4 Cass. S	5·2	23	21	29·823	+ 2·6549	+ ·0400	+ 17*	+61	52	15·56	+19·763	+ ·056	− 8*	15, 18	17·30, 17·22	6025
2360	ν Pegs. S	4·6	23	21	38·018	+ 2·9784	+ ·0115	+137*	+22	59	27·81	+19·764	+ ·064	+ 28*	13, 13	19·66, 19·67	6024
2361	κ Pisc. F	5·0	23	23	5·245	+ 3·0696	+ ·0002	+ 57*	+ 0	50	41·47	+19·785	+ ·063	− 90*	20, 34	19·17, 18·16	6031
2362	13 Andr.	5·8	23	23	30·10	+ 2·8786	+ ·0235	+ 80	+42	29	56·8	+19·791	+ ·058	+ 14	1, 2	11·72, 11·72	6034
2363	69 Pegs.	6·2	23	23	56·65	+ 2·9763	+ ·0127	+ 18	+24	45	18·5	+19·797	+ ·060	− 47	4, 4	21·18, 21·18	6036
2364	Gr. 4070	7·0	23	23	59·41	+ 2·6200	+ ·0451	− 12	+65	12	35·1	+19·798	+ ·051	− 69	5, 5	20·93, 20·93	32636
2365	Br. 3131	6·9	23	25	0·49	+ 2·3454	+ ·0576	− 37	+74	48	43·7	+19·825	+ ·042	− 15	4, 5	20·76, 20·80	6044
2366	BD + 48° 4070	6·5	23	26	32·45	+ 2·8514	+ ·0289	+ 31	+48	43	10·4	+19·832	+ ·052	− 3	4, 4	19·76, 19·76	32684
2367	Pi 23h, 101	5·0	23	26	33·64	+ 2·7603	+ ·0380	+ 31	+58	8	7·2	+19·832	+ ·050	+ 13	1, 1	11·84, 11·84	6046
2368	BD + 37° 4856	6·1	23	26	59·59	+ 2·9216	+ ·0211	+ 32	+38	14	53·5	+19·837	+ ·053	+ 12	6, 7	20·56, 20·58	32692
2369	39H Ceph. P	5·9	23	27	43·366	− 0·3833	− ·6791	+ 99*	+86	53	37·89	+19·846	− ·016	+ 18*	174, 125	17·90, 16·77	6056
2370	BD + 23° 4759	7·2	23	28	44·10	+ 2·9940	+ ·0123	+ 1	+23	25	47·9	+19·858	+ ·051	− 19	5, 4	21·14, 21·00	32740
2371	Gr. 4088	6·6	23	28	48·50	+ 2·6780	+ ·0481	+ 94	+65	19	29·8	+19·859	+ ·045	+ 17	5, 5	21·36, 21·36	32737
2372	BD + 44° 4441	6·3	23	30	4·63	+ 2·9009	+ ·0262	− 31	+44	38	36·1	+19·874	+ ·047	+ 11	5, 5	17·15, 17·15	32766
2373	BD + 20° 5352	6·4	23	30	9·60	+ 3·0082	+ ·0108	− 6	+20	25	36·6	+19·875	+ ·048	− 21	5, 5	21·15, 21·15	32771
2374	72 Pegs. (M)	5·2	23	30	13·65	+ 2·9692	+ ·0168	+ 40	+30	54	41·4	+19·876	+ ·048	− 12	1, 1	14·75, 14·75	6059
2375	73 Pegs.	5·9	23	30	55·48	+ 2·9626	+ ·0182	− 1	+33	4	56·3	+19·884	+ ·046	+ 29	4, 4	20·51, 20·51	6061
2376	BD + 37° 4866	6·6	23	31	5·26	+ 2·9388	+ ·0211	+ 2	+37	36	32·6	+19·886	+ ·048	+ 10	5, 5	19·56, 19·56	32784
2377	BD + 23° 4767	6·7	23	31	14·60	+ 2·9983	+ ·0128	− 46	+24	0	40·9	+19·887	+ ·046	− 4	5, 6	21·35, 21·29	32789
2378	Br. 3140	6·1	23	31	43·03	+ 2·5888	+ ·0602	+ 13	+71	13	38·6	+19·892	+ ·038	+ 5	11, 12	18·89, 19·05	32793
2379	BD + 23° 4769	6·6	23	32	10·51	+ 3·0003	+ ·0130	+ 13	+24	8	45·0	+19·897	+ ·044	+ 14	5, 5	20·95, 20·95	32814
2380	Gr. 4105	6·5	23	33	51·69	+ 2·9259	+ ·0264	+ 9	+44	0	51·2	+19·914	+ ·040	− 9	5, 5	15·72, 16·33	32831
2381	λ Andr. S	3·8	23	33	53·221	+ 2·9152	+ ·0281	+149*	+46	3	6·08	+19·915	+ ·040	+421*	10, 11	16·75, 15·94	6071
2382	ι Andr. S	4·3	23	34	27·102	+ 2·9349	+ ·0255	+ 22*	+42	51	9·60	+19·920	+ ·039	− 3*	8, 9	18·51, 18·30	6073
2383	18 Andr.	5·4	23	35	29·84	+ 2·9025	+ ·0321	− 13	+50	3	23·4	+19·930	+ ·037	− 9	2, 2	14·63, 14·66	6075
2384	Gr. 4119	6·0	23	35	56·29	+ 2·5545	+ ·0735	+ 34	+74	52	37·6	+19·934	+ ·030	+ 14	10, 10	20·89, 20·89	32869
2385	Pi 23h, 152	6·1	23	36	4·32	+ 2·6000	+ ·0705	− 17	+73	35	13·2	+19·935	+ ·031	+ 11	10, 10	20·32, 20·32	32876
2386	ι Pisc. F	4·2	23	36	5·501	+ 3·0601	+ ·0032	+248*	+ 5	13	10·91	+19·936	+ ·038	−439*	25, 45	18·40, 18·13	6077
2387	γ Ceph. S	3·4	23	36	15·160	+ 2·4638	+ ·0798	−181*	+77	12	49·41	+19·937	+ ·029	+158*	22, 23	20·23, 20·33	6078
2388	κ Andr.	4·3	23	36	42·39	+ 2·9423	+ ·0268	+ 73	+43	55	7·	+19·941	+ ·035	− 24	2, 0	11·78,	6080
2389	BD + 35° 5074	6·4	23	36	55·37	+ 2·9741	+ ·0210	+191	+36	18	16·3	+19·943	+ ·035	+ 26	5, 5	20·93, 20·93	32892
2390	Gr. 4125	6·4	23	37	46·68	+ 2·9235	+ ·0316	− 3	+49	5	48·6	+19·951	+ ·033	− 20	6, 6	18·53, 18·53	32909
2391	BD + 56° 3067	6·5	23	38	17·41	+ 2·8794	+ ·0405	+ 4	+56	50	39·3	+19·955	+ ·031	+ 1	4, 5	14·78, 14·16	32916
2392	Gr. 4128	6·7	23	38	32·72	+ 2·9496	+ ·0276	− 13	+44	34	34·3	+19·957	+ ·032	− 19	4, 4	15·48, 15·48	6086
2393	Gr. 4130	6·9	23	38	47·91	+ 2·8187	+ ·0519	+ 2	+64	5	58·3	+19·959	+ ·030	+ 3	5, 5	19·58, 19·58	32927
2394	BD + 60° 2609	6·5	23	38	55·90	+ 2·8491	+ ·0471	+ 72	+61	15	49·4	+19·960	+ ·029	− 6	5, 6	20·90, 20·71	32930
2395	Br. 3160	5·1	23	40	12·79	+ 3·0091	+ ·0166	+ 54	+28	56	46·0	+19·969	+ ·028	− 36	4, 5	12·28, 12·17	6094
2396	Pi 23h, 175	6·7	23	41	8·44	+ 2·9137	+ ·0395	+ 30	+55	23	0·0	+19·977	+ ·027	− 13	6, 6	20·30, 20·30	6097
2397	ψ Andr.	5·1	23	42	18·65	+ 2·9661	+ ·0296	+ 12	+46	0	13·9	+19·985	+ ·025	− 18	5, 6	12·70, 12·53	6101
2398	19 Pisc.	5·6	23	42	33·49	+ 3·0674	+ ·0025	− 34	+ 3	4	14·2	+19·987	+ ·025	− 20	1, 1	12·77, 12·77	6102
2399	BD + 65° 1943	5·9	23	43	1·39	+ 2·8467	+ ·0590	+ 7	+66	21	57·4	+19·990	+ ·022	+ 5	6, 6	15·44, 15·44	33004
2400	BD + 56° 3085	5·7	23	43	21·36	+ 2·9233	+ ·0424	+ 17	+57	2	6·1	+19·992	+ ·022	− 15	1, 3	14·72, 15·13	6105

No.	STAR	M	1925·0 R.A. h	m	s	Prec. s	Sec. Var. s	P.M. s ·0000	1925·0 Dec. °	′	″	Prec. ″	Sec. Var. ″	P.M. ″ ·000	No. Obs.	Epoch 1900 +	Boss
2401	τ Cass	5·0	23	43	22·82	+ 2·9165	+ ·0442	+ 84	+58	14	2·4	+19·992	+ ·023	+ 56	4, 4	13·03, 13·03	6106
2402	Gr. 4139	6·8		43	49·11	+ 2·9737	+ ·0303	+ 8	+46	24	57·4	+19·995	+ ·022	− 2	7, 7	17·46, 17·48	33021
2403	41H Ceph S	5·1		44	18·809	+ 2·8533	+ ·0624	+ 19*	+67	23	24·12	+19·998	+ ·020	+ 2*	10, 13	14·86, 14·99	6108
2404	Gr. 4144	6·4		45	0·49	+ 2·8899	+ ·0560	+ 18	+64	27	36·4	+20·002	+ ·019	− 15	6, 7	19·16, 19·41	33045
2405	Br. 3168	6·4		45	12·61	+ 2·9260	+ ·0470	+ 63	+59	33	42·9	+20·003	+ ·019	+ 11	6, 6	20·14, 20·14	33052
2406	Br. 3170	6·7	23	45	30·17	+ 2·9347	+ ·0455	+ 69	+58	32	47·8	+20·005	+ ·019	− 19	3, 3	14·69, 14·69	6112
2407	79 Pegs	6·2		45	51·09	+ 3·0282	+ ·0167	+ 54	+28	25	29·5	+20·007	+ ·019	+ 19	1, 1	12·79, 12·79	6114
2408	BD + 35° 5110	5·9		45	54·34	+ 3·0131	+ ·0219	+ 7	+36	0	34·5	+20·007	+ ·018	− 50	5, 5	14·57, 14·57	33063
2409	Pi 23h, 204	6·8		46	36·90	+ 2·9758	+ ·0357	+130	+51	12	18·1	+20·010	+ ·017	− 18	3, 3	20·45, 20·45	6117
2410	Br. 3175	6·4		48	34·77	+ 3·0469	+ ·0126	− 36	+21	15	14·3	+20·020	+ ·014	− 22	3, 3	20·45, 20·45	6125
2411	φ Pegs F	5·5	23	48	40·137	+ 3·0504	+ ·0112	− 11*	+18	42	13·56	+20·020	+ ·013	− 44*	31, 50	20·73, 20·31	6127
2412	25 Pisc	6·5		49	14·21	+ 3·0710	+ ·0021	+ 8	+ 1	40	24·4	+20·023	+ ·012	− 6	2, 2	12·67, 12·67	6133
2413	Gr. 4156	6·6		49	20·96	+ 2·9640	+ ·0499	+ 10	+60	17	14·7	+20·023	+ ·012	+ 3	5, 5	20·51, 20·51	33138
2414	ρ Cass	4·9		50	37·65	+ 2·9884	+ ·0449	− 6	+57	4	56·1	+20·028	+ ·009	+ 5	14, 17	13·90, 13·46	6135
2415	Gr. 4163	6·9		51	9·60	+ 2·8932	+ ·0933	− 28	+73	59	34·6	+20·030	+ ·008	− 7	8, 8	14·78, 14·78	6138
2416	Pi 23h, 231	7·0	23	51	45·17	+ 3·0106	+ ·0385	+ 72	+52	19	3·9	+20·032	+ ·008	+ 27	4, 4	20·29, 20·29	6141
2417	Gr. 4165	6·1		51	46·01	+ 3·0214	+ ·0323	− 6	+46	56	19·5	+20·032	+ ·007	− 4	4, 4	12·81, 13·56	33183
2418	Br. 3184	6·2		51	47·63	+ 2·9991	+ ·0451	− 6	+56	59	41·7	+20·032	+ ·008	− 3	3, 3	13·43, 13·43	6142
2419	Pi 23h, 235	6·1		52	52·05	+ 3·0558	+ ·0135	− 16	+22	13	50·8	+20·035	+ ·005	− 7	11, 10	19·81, 19·71	33208
2420	Gr. 4172	6·3		53	14·95	+ 3·0370	+ ·0279	− 3	+42	14	27·6	+20·037	+ ·003	− 12	4, 6	19·06, 17·62	6154
2421	Br. 3185	5·6	23	53	21·20	+ 3·0169	+ ·0430	− 13	+55	17	19·0	+20·037	+ ·005	− 16	4, 7	12·76, 12·76	6148
2422	ψ Pegs	4·8		53	56·05	+ 3·0565	+ ·0151	− 31	+24	43	28·8	+20·038	+ ·003	− 37	4, 4	13·26, 13·02	6150
2423	27 Pisc	5·2		54	49·99	+ 3·0749	− ·0005	− 38	− 3	58	19·4	+20·040	+ ·002	− 67	1, 1	12·83, 12·83	6153
2424	σ Cass	5·1		55	11·82	+ 3·0323	+ ·0436	+ 13	+55	20	14·8	+20·040	+ ·001	− 5	3, 4	12·70, 12·49	6155
2425	ω Pisc F	4·1		55	27·517	+ 3·0698	+ ·0050	+101*	+ 6	26	53·27	+20·041	+ ·000	−109*	26, 47	19·80, 19·10	6156
2426	Gr. 4192	6·5	23	56	11·28	+ 3·0551	+ ·0251	0	+38	26	31·0	+20·042	− ·001	+ 6	5, 5	18·94, 19·37	33282
2427	Br. 3192	6·7		56	33·44	+ 3·0628	+ ·0165	+ 35	+26	30	5·7	+20·043	− ·002	− 43	4, 3	16·01, 17·41	6162
2428	BD + 58° 2685	6·5		56	42·29	+ 3·0408	+ ·0506	− 98	+59	8	33·3	+20·043	− ·002	− 21	4, 5	20·98, 20·93	33294
2429	Gr. 4194	6·1		56	53·43	+ 3·0547	+ ·0310	+ 22	+44	50	9·3	+20·043	− ·002	+ 6	5, 5	20·57, 20·57	33298
2430	BD + 49° 4309	6·3		57	28·91	+ 3·0556	+ ·0364	+ 9	+49	33	51·1	+20·044	− ·004	− 10	8, 7	21·15, 20·92	33311
2431	Gr. 4199	6·4	23	57	53·38	+ 3·0618	+ ·0284	− 5	+41	56	58·7	+20·044	− ·004	− 12	3, 7	12·12, 12·78	6168
2432	85 Pegs	6·0		58	14·24	+ 3·0676	+ ·0167	+623	+26	41	17·9	+20·044	− ·005	−986	4, 4	14·26, 13·99	6172
2433	Br. 3202	6·1		58	44·69	+ 3·0566	+ ·0672	+ 27	+65	40	53·2	+20·045	− ·006	− 5	2, 3	14·78, 15·16	6176
2434	Gr. 4207	7·0		59	17·09	+ 3·0690	+ ·0290	+ 35	+42	19	49·7	+20·045	− ·007	− 2	5, 5	20·38, 20·38	11
2435	BD + 62° 2356	6·6		59	33·89	+ 3·0678	+ ·0609	− 13	+63	13	22·9	+20·045	− ·008	+ 61	5, 6	20·73, 20·41	17
2436	Gr. 4214	6·6	23	59	59·06	+ 3·0726	+ ·0699	+ 35	+66	17	41·4	+20·045	− ·009	− 4	5, 5	20·75, 20·75	24