

CATALOGUE OF STARS

FOR THE EPOCH

1910·0

FROM OBSERVATIONS WITH

THE ALTAZIMUTH

MADE AT

THE ROYAL OBSERVATORY, GREENWICH,
BETWEEN THE YEARS 1909 AND 1913.

UNDER THE DIRECTION OF

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(Appendix to the Volume of Greenwich Observations for 1913.)



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CATALOGUE OF STARS OBSERVED WITH THE ALTAZIMUTH, 1910·0.

INTRODUCTION.

THE star observations with the Altazimuth between the dates 1909 January 1 and 1913 April 30 have been combined into a Catalogue, as after the latter date a new eye-end was inserted in the instrument with a travelling-wire micrometer. As this change has undoubtedly produced differences in the results, of a systematic character, it is obviously convenient to separate the observations made before and after the change.

The stars belong to the following classes:—

- (1) Fundamental stars contained in the Catalogues of Newcomb and Boss.
- (2) Zodiacal stars, including a number of faint stars used as comparison stars for photographs of Mars.
- (3) Miscellaneous stars, selected as suitable for observation by reflexion, or observed in combination with neighbouring fundamental stars.

The star places are the same as those given in the ledgers in the Annual Volumes, a few errata being corrected which were detected in the course of formation of the Catalogue.

Newcomb's Precessions and Boss's Proper Motions have been used; Pulkova Refractions have been used.

From 1911·0 the quantity B in the correction $A + B \sin Z.D.$ has been assumed to vary in the course of the year, from a discussion of the results since 1899. Separate values have been adopted for each period of two months according to the table printed in the Altazimuth Ten-Year Catalogue, p. 7.

Wt. 408/648 (617)—550—4/14.—N. & Co., Ltd. Gp. XV.

The following is the result of a comparison of the Right Ascensions observed above and below the pole, the quantity Above—Below being expressed in arc of a great circle :—

Limits of Declination	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
No. of Stars	7	32	39	43	4
Sum of Weights	17	103	125	131	9
Mean Excess of R.A. above Pole in Arc of Great Circle	-".23	+".82	+".53	+".16	+".36

The correction to the assumed colatitude is $+0''.11$, that given by the Ten-Year Catalogue 1899-1908 being $+0''.02$. The assumed colatitude is $38^\circ 31' 23''.42$, which was found by applying to the colatitude of the Transit Circle (using Pulkova Refractions) $38^\circ 31' 21''.75$ the quantity $1''.67$, deducted from measurement on the plan of the Observatory.

*Comparison of Altazimuth Five-Year and Ten-Year Catalogues with Boss' P.G.C.
Arranged in Order of R.A. Units of 5.001 and $''01$.*

Limits of R.A.	RIGHT ASCENSIONS.				DECLINATIONS.			
	5-Year— Boss.	No. of Stars.	10-Year— Boss.	No. of Stars.	5-Year— Boss.	No. of Stars.	10-Year— Boss.	No. of Stars.
h h								
0- 1	+22	27	+ 5	34	+19	27	+20	32
1- 2	+26	29	+ 3	28	+13	29	+22	27
2- 3	+ 5	34	+12	40	- 2	35	+43	41
3- 4	- 1	27	- 3	45	-13	28	+43	41
4- 5	+ 9	25	+ 5	47	+13	25	+25	46
5- 6	+ 3	45	-11	58	+ 6	44	+15	58
6- 7	+23	31	- 6	26	- 6	31	+22	28
7- 8	+ 6	27	- 5	33	+ 9	27	+28	34
8- 9	+12	30	+11	33	- 1	31	+42	33
9-10	+20	26	+ 4	29	+ 5	26	+22	29
10-11	+15	23	+14	31	+ 8	23	+20	31
11-12	+13	29	+ 5	22	+21	29	+41	21
12-13	+26	32	+ 5	35	+15	32	+29	33
13-14	+17	32	+ 9	27	+ 8	33	+47	28
14-15	+20	33	+12	36	+28	34	+47	34
15-16	+ 7	33	+16	34	+48	34	+56	35
16-17	+ 2	27	+12	38	+50	27	+45	39
17-18	+13	28	- 7	37	+54	29	+52	44
18-19	+41	25	+18	32	+49	25	+40	35
19-20	+37	41	+ 9	42	+42	40	+41	47
20-21	+23	34	+11	38	+21	33	+43	36
21-22	+25	35	+15	37	+ 5	35	+42	38
22-23	+21	40	+ 3	39	+12	40	+44	40
23- 0	+31	34	+16	33	+15	34	+22	33
Mean	+17		+ 7		+17		+36	

Only stars south of Declination $+30^\circ$ are included in the above table.

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*Comparison of Altazimuth Five-Year and Ten-Year Catalogues with Boss' P.G.C.
Arranged in Order of Declination. Units of $^s.001$ and $''01$.*

Limits of Declination.	RIGHT ASCENSIONS.						DECLINATIONS.			
	5-Year— Boss. Time.	Arc Great Circle.	No. of Stars.	10-Year— Boss. Time.	Arc Great Circle.	No. of Stars.	5-Year— Boss.	No. of Stars.	10-Year— Boss.	No. of Stars.
N. 90° — 85°	unit $^s.001$ + 96	unit $''01$ + 13	5	unit $^s.001$ + 131	unit $''01$ + 1	5	+ 3	15	— 6	15
85—80	— 70	— 14	12	— 19	— 4	14	— 11	14	— 2	15
80—75	— 27	— 9	28	— 27	— 9	33	— 5	36	+ 9	38
75—70	— 14	— 6	34	— 18	— 8	42	— 1	38	+ 24	44
70—65	— 43	— 24	31	— 39	— 22	35	— 4	32	+ 10	33
65—60	— 45	— 31	28	— 30	— 21	29	— 9	28	+ 20	29
60—55	— 11	— 9	41	— 38	— 31	35	+ 17	41	+ 34	38
55—50	— 33	— 30	23	— 43	— 39	26	+ 42	22	+ 26	26
50—45	— 35	— 35	38	— 37	— 37	38	+ 52	38	+ 37	39
45—40	— 27	— 30	52	— 26	— 29	47	+ 42	51	+ 45	47
40—35	— 22	— 26	56	— 16	— 19	57	+ 39	56	+ 31	55
35—30	— 14	— 18	43	— 18	— 23	43	+ 26	44	+ 34	43
30—25	+ 1	+ 1	70	— 9	— 12	60	+ 17	71	+ 41	59
25—20	— 4	— 6	59	— 1	— 1	80	+ 23	60	+ 36	79
20—15	+ 3	+ 5	67	+ 6	+ 9	77	+ 31	67	+ 36	71
15—10	+ 13	+ 19	59	+ 12	+ 18	65	+ 22	59	+ 33	62
10—5	+ 12	+ 18	69	+ 10	+ 15	70	+ 11	69	+ 29	70
N. 5—0	+ 29	+ 43	59	+ 13	+ 19	53	+ 6	62	+ 40	53
S. 0—5	+ 28	+ 42	67	+ 20	+ 30	61	+ 3	68	+ 19	60
5—10	+ 32	+ 48	67	+ 14	+ 21	60	+ 11	67	+ 29	58
10—15	+ 28	+ 41	52	+ 21	+ 31	52	+ 18	52	+ 41	52
15—20	+ 28	+ 41	63	+ 17	+ 24	69	+ 27	62	+ 45	74
20—25	+ 28	+ 40	65	+ 18	+ 25	61	+ 23	65	+ 43	57
25—30	+ 34	+ 49	37	+ 31	+ 41	23	+ 50	36	+ 46	22
S. 30—35	+ 7	+ 10	10	+ 29	+ 37	5	— 16	10	+ 71	4

Comparisons have been made with Boss' Preliminary General Catalogue; the results are given in the above tables, those of the Altazimuth Ten-Year Catalogue being repeated for comparison.

The differences in R.A. are given in units of $0^s.001$, or $0''01$ where expressed in arc; those in Declination are in units of $0''01$.

It will be seen that the Five-Year Catalogue is in tolerable agreement with the Ten-Year one. The negative residual in R.A. from Dec. $+85^{\circ}$ to Dec. $+25^{\circ}$, and the positive one south of that point, are confirmed; also the systematic positive residual in Declination; its magnitude, however, is somewhat reduced.

In view of this discordance an examination has been made of the effect of the pivot errors of the instrument on the Right Ascensions determined with it.

The following are the results of a series of determinations made with the Pivot-Tester in February and March 1905.

The signs in the table apply to positions 0°r, 180°d in which the pointer reads Zenith Distance South.

A + value in the vertical column indicates that the east end of the axis is raised through pivot error. A + value in the horizontal column indicates that the east end of the axis is shifted northward through pivot error.

Pointer.	Vertical Shift.	Horizontal Shift.	Pointer.	Vertical Shift.	Horizontal Shift.	Pointer.	Vertical Shift.	Horizontal Shift.	Pointer.	Vertical Shift.	Horizontal Shift.
0	- "07	- "02	90	- "03	+ "06	180	- "04	- "07	270	- "08	+ "02
10	- "04	+ "04	100	+ "03	+ "04	190	+ "02	- "05	280	- "06	- "02
20	+ "04	+ "02	110	+ "04	- "02	200	+ "05	+ "02	290	+ "05	- "02
30	+ "04	+ "05	120	- "01	- "10	210	- "03	+ "08	300	+ "02	- "03
40	- "05	+ "10	130	- "03	- "09	220	- "02	+ "10	310	- "03	- "12
50	"00	+ "05	140	- "01	- "06	230	+ "03	+ "10	320	+ "04	- "09
60	+ "03	+ "08	150	- "03	- "14	240	- "02	+ "15	330	+ "04	- "09
70	+ "02	+ "10	160	+ "01	- "11	250	+ "02	+ "13	340	+ "04	- "11
80	"00	+ "08	170	- "01	- "09	260	"00	+ "10	350	+ "01	- "09

In positions 0°d, 180°r the pointer reads Zenith Distance North. The horizontal shift is the same as in the table above for the same Pointer reading, but the vertical shift is reversed in sign.

If the pivots were elliptical in form, the vertical shifts would be zero throughout, while the horizontal ones would form a sine curve, repeating themselves after 180°. The actual results are in tolerable accordance with this supposition.

The total effect on the resulting Right Ascension is given in the following table. It includes the effect of pivot error on the Collimation, Level and Azimuth Errors, and on the Clock Error.

N.P.D.	Correction to R.A.		N.P.D.	Correction to R.A.		N.P.D.	Correction to R.A.		N.P.D.	Correction to R.A.	
	0°d, 180°r.	0°r, 180°d.		0°d, 180°r.	0°r, 180°d.		0°d, 180°r.	0°r, 180°d.		0°d, 180°r.	0°r, 180°d.
	s	s		s	s		s	s		s	s
-40	+ '001	- '002	+10	+ '042	- '010	+50	+ '006	- '001	+90	- '005	'000
-30	+ '001	+ '002	20	+ '022	- '006	60	+ '005	- '006	100	'000	+ '001
-20	- '007	- '002	30	+ '004	- '004	70	+ '003	- '002	110	'000	+ '003
-10	- '014	- '027	+40	+ '002	+ '002	+80	'000	+ '001	+120	- '002	+ '002

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It will be seen that, in view of the fact that more observations are made above pole than below, there is on the whole a small + correction to R.A. at N.P.D. 10° and 20° . But it is too minute to explain more than a small part of the discordance between Altazimuth and Boss.

For larger N.P.D.s the effect of pivot error is almost entirely eliminated by reversal of the instrument.

ALTAZIMUTH CATALOGUE, 1910.0.

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No.	Number in		Star's Name.	Magnitude.	Mean R. A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Preces- sion, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.
	Newcomb's Fundamental Catalogue. 1900.	Boss's P. G. C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
1	...	...	B. D. — 1° 45' 24.....	8.7	h m s 0 0 4.981	0.50	3	...	+ 3.0724	+ .0009	...	— 1 33 36.18	0.50	3	...	+20.046	— .005	...
2	...	...	B. D. — 1° 45' 25.....	7.0	0 26.991	0.53	3	...	3.0724	+ .0012	+ 37	— 1 0 10.44	0.53	3	...	20.046	.006	— 52
3	1	1	33 Piscium.....	4.7	0 43.761	0.86	6	...	3.0721	— .0014	— 13	— 6 12 39.80	0.86	6	...	20.046	.009	+ 90
4	...	...	B. D. — 5° 6' 11.7.....	8.3	2 10.327	0.57	3	...	3.0714	.0006	...	— 4 50 55.89	0.57	3	...	20.045	.012	...
5	...	...	B. D. — 4° 6' 02.5.....	8.4	2 18.200	1.14	3	...	3.0716	.0002	...	— 4 7 17.96	1.14	3	...	20.044	.012	...
6	...	...	B. D. — 5° 2.....	8.7	0 2 59.700	1.18	3	...	+ 3.0709	— .0006	...	— 5 2 45.62	1.18	3	...	+20.044	— .013	...
7	...	7	4 Ceti.....	6.6	3 7.530	2.89	3	...	3.0715	+ .0004	+ 18	— 3 2 59.60	2.89	3	...	20.045	.014	+ 4
8	...	...	B. D. — 0° 2.....	9.2	3 13.124	0.51	3	...	3.0724	.0017	...	— 0 22 12.44	0.51	3	...	20.044	.011	...
9	2	9	5 Ceti.....	6.6	3 35.585	1.85	2	...	3.0715	.0005	+ 3	— 2 56 55.21	1.85	2	...	20.043	.015	— 5
10	3	10	α Andromedæ.....	2.2	3 43.895	2.12	7	...	3.0844	.0185	+ 106	+28 35 36.32	2.01	6	...	20.043	.015	— 161
11	...	...	B. D. — 1° 2.....	9.2	0 4 21.890	1.34	2	...	+ 3.0722	+ .0015	...	— 0 45 24.40	1.34	2	...	+20.042	— .012	...
12	4	12	β Cassiopeiae.....	2.2	4 21.998	0.24	3	2	3.1144	.0542	+ 677	+58 39 13.05	0.99	3	6	20.042	.017	— 181
13	...	...	B. D. — 0° 8.....	8.7	4 48.264	0.25	3	...	3.0723	+ .0018	...	— 0 25 40.51	0.25	3	...	20.041	.015	...
14	...	...	W. B. 0. 16.....	9.2	5 7.662	0.57	4	...	3.0703	.0000	...	— 4 10 50.07	0.57	4	...	20.040	.018	...
15	6	19	22 Andromedæ.....	5.2	5 38.167	2.09	4	...	3.1060	+ .0331	+ 4	+45 34 17.53	2.09	4	...	20.040	.019	— 1
16	...	20	Piazz 0. 1.....	6.0	0 5 42.440	0.38	2	...	+ 3.0692	— .0009	+ 19	— 5 44 53.80	0.38	2	...	+20.040	— .019	— 20
17	...	...	Groombridge 12.....	8.0	7 44.310	0.84	1	...	3.1188	+ .0333	+ 17	+45 27 32.29	0.84	1	...	20.034	.022	0
18	10	27	γ Pegasi.....	2.9	8 35.964	0.96	4	...	3.0856	.0102	0	+14 40 59.68	0.80	4	...	20.032	.024	— 13
19	...	...	B. D. — 4° 14.....	9.4	9 52.637	0.85	3	...	3.0683	.0002	...	— 3 59 24.53	0.85	3	...	20.027	.027	...
20	...	...	B. D. — 3° 20.....	6.7	10 19.883	9.96	3	...	3.0688	.0006	...	— 3 31 38.03	9.96	3	...	20.025	.028	...
21	11	35	35 Piscium.....	6.1	0 10 20.549	1.57	3	...	+ 3.0814	+ .0068	+ 66	+ 8 19 16.30	1.57	3	...	+20.025	— .028	— 24
22	...	...	B. D. — 4° 17.....	8.8	10 51.143	0.49	3	...	3.0679	.0003	...	— 4 9 16.37	0.49	3	...	20.024	.029	...
23	...	...	B. D. — 3° 22.....	8.9	10 51.926	0.51	3	...	3.0689	.0008	...	— 3 16 27.33	0.51	3	...	20.024	.029	...
24	12	37	Bradley 6.....	6.5	11 6.596	2.87	5	...	3.3413	.1465	+ 68	+76 27 2.80	2.63	5	4	20.023	.031	— 1
25	...	...	B. D. — 3° 30.....	9.0	12 56.395	9.89	3	...	3.0681	.0008	...	— 3 23 1.76	9.89	3	...	20.014	.033	...
26	14	50	σ Andromedæ.....	4.5	0 13 37.245	0.53	3	...	+ 3.1308	+ .0251	— 56	+36 17 10.88	0.53	3	...	+20.010	— .035	— 44
27	15	53	ι Ceti.....	3.8	14 50.548	1.12	7	...	3.0583	— .0022	— 12	— 9 19 20.63	0.82	6	...	20.004	.036	— 32
28	...	...	W. B. (2) 0. 319.....	7.3	15 3.580	2.79	1	...	3.1375	+ .0260	...	+36 27 48.26	2.79	1	...	20.003	.037	...
29	17	56	δ Piscium.....	5.6	15 57.937	2.28	4	...	3.0851	.0068	— 4	+17 41 24.73	2.28	4	...	20.000	.039	+ 14
30	18	57	ρ Andromedæ.....	5.2	16 22.574	1.36	5	...	3.1457	.0266	+ 54	+37 28 12.69	1.36	5	...	19.955	.040	— 44
31	...	69	Mayer 7.....	6.5	0 19 53.765	9.59	2	...	+ 3.0671	+ .0015	— 30	— 2 42 59.26	9.59	2	...	+19.970	— .046	— 37
32	19	73	44 Piscium.....	6.0	20 47.324	1.19	9	...	3.0756	.0037	— 13	+ 1 26 28.60	1.36	8	...	19.963	.048	— 16
33	...	...	B. D. — 3° 52.....	9.4	21 55.575	0.20	3	...	3.0655	.0015	...	— 3 11 13.88	0.20	3	...	19.955	.050	...
34	22	79	10 Ceti.....	6.4	22 0.439	1.09	4	...	3.0713	.0028	+ 48	— 0 32 52.83	1.09	4	...	19.954	.051	+ 2
35	...	...	B. D. — 2° 57.....	8.5	23 19.035	0.15	3	...	3.0673	.0020	...	— 2 10 46.90	0.15	3	...	19.942	.053	...
36	...	...	B. D. — 3° 54.....	9.0	0 23 52.725	0.48	3	...	+ 3.0652	+ .0016	...	— 3 0 37.52	0.48	3	...	+19.937	— .054	...
37	...	...	B. D. — 4° 50.....	9.2	24 46.330	0.57	3	...	3.0631	.0012	...	— 3 45 27.11	0.57	3	...	19.928	.056	...
38	...	...	W. B. 0. 366.....	7.1	25 2.690	0.45	3	...	3.0610	.0009	+ 45	— 3 20 13.77	0.45	3	...	19.926	.056	+ 1
39	...	86	Bradley 34.....	6.7	25 6.390	9.87	1	...	3.6828	.1815	+ 959	+76 31 24.36	9.87	1	...	19.925	.068	— 16
40	23	90	12 Ceti.....	6.0	25 26.766	1.40	4	...	3.0610	.0009	+ 5	— 4 27 16.97	1.19	6	...	19.922	.057	— 7
41	...	...	B. D. — 3° 59.....	9.0	0 26 13.283	0.56	3	...	+ 3.0642	+ .0017	...	— 3 7 57.45	0.56	3	...	+19.914	— .059	...
42	...	...	B. D. — 3° 61.....	8.7	26 39.502	0.20	3	...	3.0634	.0016	...	— 3 23 30.36	0.20	3	...	19.910	.059	...
43	...	...	B. D. — 2° 67.....	9.0	26 48.090	0.84	1	...	3.0657	.0021	...	— 2 31 5.45	0.84	1	...	19.908	.060	...
44	...	...	B. D. — 2° 69.....	7.3	27 4.667	0.16	3	...	3.0662	.0022	...	— 2 17 26.09	0.16	3	...	19.906	.060	...
45	27	103	κ Cassiopeiae.....	4.2	27 52.462	1.47	3	3	3.3831	.0712	+ 16	+62 26 6.72	1.50	3	3	19.898	.067	+ 1
46	...	...	B. D. — 2° 71.....	9.2	0 27 54.796	0.50	3	...	+ 3.0666	+ .0023	...	— 2 6 52.29	0.50	3	...	+19.898	— .062	...
47	...	...	B. D. + 61° 11.5.....	8.0	28 31.360	2.37	...	1	3.3883	.0712	...	+62 17 30.64	2.37	...	1	19.891	.067	...
48	...	...	B. D. — 3° 67.....	8.5	29 39.807	0.20	3	...	3.0638	.0020	...	— 2 53 29.31	0.20	3	...	19.878	.065	...
49	...	...	B. D. — 2° 75.....	8.5	30 19.860	0.58	3	...	3.0670	.0026	...	— 1 48 19.51	0.58	3	...	19.871	.067	...
50	30	116	13 Ceti.....	5.2	30 36.959	0.53	3	...	3.0598	.0014	+ 272	— 4 5 17.74	0.88	4	...	19.867	.068	— 18

APPENDIX, GREENWICH OBSERVATIONS, 1913.

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ALTAZIMUTH CATALOGUE, 1910'0.

No.	Number in		Star's Name.	Magnitude.	Mean R. A., 1910'0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910'0.	Secular Variation, 1910'0.	Annual Proper Motion, Unit "0001.	Mean Declination, 1910'0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910'0.	Secular Variation, 1910'0.	Annual Proper Motion, Unit "001.
	Newcomb's Fundamental Catalogue, 1900.	Bess's P. G. C., 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
51	...	117	14 Ceti	5'9	h m s 0 30 55'653	0'69	3	...	+ 3'0694	+ '0030	+ 86	- 0 59 59'05	0'69	3	...	+19'864	- '068	- 61
52	...	...	B. D. - 2° 76'	8'9	30 56'020	0'82	3	...	3'0644	'0023	...	- 2 33 43'36	0'82	3	...	19'864	'068	...
53	31	122	ζ Cassiopeiae	3'7	31 56'889	1'08	2	2	3'3226	'0497	+ 23	+53 24 6'17	1'17	2	2	19'852	'074	- 9
54	32	123	π Andromedae	4'4	32 4'147	2'08	3	...	3'1946	+ '0244	+ 17	+33 13 26'67	2'08	3	...	19'850	'072	- 9
55	34	127	Piazzi 0. 130.....	5'6	32 43'485	2'90	4	...	2'9828	- '0104	+1021	-25 15 45'10	2'90	4	...	19'842	'073	- 9
56	...	...	B. D. - 2° 81'	8'9	0 33 36'907	0'12	3	...	+ 3'0650	+ '0026	...	- 2 12 18'88	0'12	3	...	+19'830	- '073	...
57	35	130	ε Andromedae	4'5	33 47'742	0'66	4	...	3'1806	'0208	- 173	+28 49 23'50	0'65	6	...	19'828	'075	- 248
58	36	132	δ Andromedae	3'5	34 30'685	0'41	2	...	3'1900	'0224	+ 107	+30 22 6'38	0'41	2	...	19'819	'077	- 86
59	37	135	α Cassiopeiae	2'4	35 23'510	0'18	4	1	3'3778	+ '0561	+ 61	+56 2 38'49	0'24	4	1	19'808	'083	- 31
60	39	147	β Ceti	2'2	39 4'367	0'99	10	...	2'9968	- '0054	+ 160	-18 28 49'71	1'05	11	...	19'756	'082	+ 39
61	41	150	21 Cassiopeiae	5'6	0 39 41'124	0'91	4	1	+ 3'9025	+ '1649	- 53	+74 29 46'12	0'82	4	2	+19'747	- '104	- 24
62	42	152	o Cassiopeiae	4'7	39 42'206	0'93	3	...	3'3266	'0416	+ 22	+47 47 31'85	0'93	3	...	19'746	'091	- 5
63	...	159	23 Cassiopeiae	5'4	41 44'630	1'18	1	1	3'9368	'1663	+ 44	+74 21 22'38	1'56	1	3	19'715	'110	- 12
64	...	...	B. D. + 4° 116'	9'0	42 0'190	0'85	1	...	3'0912	'0063	...	+ 4 24 5'71	0'85	- 1	...	19'711	'087	...
65	...	...	B. D. + 4° 118'	8'6	42 11'390	0'84	1	...	3'0911	'0063	...	+ 4 20 40'48	0'84	1	...	19'708	'087	...
66	45	164	ζ Andromedae	4'2	0 42 33'847	9'94	3	...	+ 3'1813	+ '0180	- 74	+23 46 40'86	9'94	3	...	+19'702	- '093	- 80
67	...	...	B. D. + 4° 122'	9'0	43 23'880	0'85	2	...	3'0928	'0065	...	+ 4 36 43'97	0'85	2	...	19'687	'090	...
68	46	168	η Cassiopeiae	3'6	43 39'097	0'79	3	3	3'4673	'0649	+1392	+57 20 19'40	0'56	3	3	19'683	'111	- 523
69	47	171	Mayer 24	5'8	43 39'708	2'07	9	...	3'0939	'0065	+ 500	+ 4 49 4'03	2'07	9	...	19'683	'096	-1144
70	49	173	δ Piscium	4'6	44 0'670	0'87	1	...	3'1043	'0080	+ 55	+ 7 5 43'50	9'63	2	...	19'678	'094	- 44
71	50	175	ν Andromedae	4'6	0 44 50'693	1'38	2	...	+ 3'2951	+ '0329	+ 17	+40 35 20'80	1'38	2	...	+19'664	- '101	- 21
72	51	179	Bradley 82.....	5'7	45 15'320	1'71	2	1	3'6044	'0837	+ 47	+63 45 27'09	1'63	2	1	19'657	'110	0
73	...	...	B. D. + 6° 111'	8'3	45 23'975	9'82	1	...	3'1052	'0081	...	+ 7 10 (38)	...	...	...	19'655	'096	...
74	...	...	B. D. + 4° 128'	8'8	46 21'337	0'55	3	...	3'0967	'0069	...	+ 5 9 6'82	0'55	3	...	19'637	'096	...
75	...	188	Bradley 91.....	6'5	46 40'223	1'40	3	...	3'0862	'0059	+ 7	+ 2 53 49'30	1'40	3	...	19'632	'098	- 86
76	53	191	20 Ceti	4'9	0 48 24'471	0'38	4	...	+ 3'0646	+ '0037	- 4	- 1 37 58'30	1'46	4	...	+19'601	- '101	- 16
77	54	199	γ Cassiopeiae	2'0	51 16'043	0'48	3	...	3'5907	'0723	+ 40	+60 13 46'11	0'12	3	2	19'547	'123	- 2
78	55	203	μ Andromedae	3'9	51 45'140	1'30	2	...	3'3065	'0309	+ 128	+38 0 42'07	9'87	1	...	19'537	'116	+ 27
79	...	...	W. B. (2) 0. 1256....	8'4	51 49'700	0'04	1	...	3'2340	'0218	...	+28 18 41'48	0'04	1	...	19'536	'115	...
80	57	209	λ Piscium	5'6	52 57'692	2'49	5	...	3'2387	'0221	+ 9	+28 30 20'48	2'49	5	...	19'513	'115	- 12
81	...	217	Mayer 35.....	6'4	0 55 9'743	2'89	3	...	+ 3'1060	+ '0079	+ 14	+ 5 59 51'32	2'89	3	...	+19'468	- '115	- 9
82	59	218	2 Ursae Minoris.....	4'5	56 (16)	...	...	...	7'4690	'15370	+ 780	+85 46 28'46	0'72	2	2	19'445	'279	- 5
83	...	...	B. D. + 1° 191'	8'0	57 21'270	0'85	1	...	3'0843	'0059	...	+ 2 2 28'26	0'85	1	...	19'421	'116	...
84	60	219	Bradley 65.....	6'8	58 15'593	1'29	3	1	16'2750	'110180	+1860	+88 32 30'13	1'29	3	1	19'402	'619	- 17
85	61	226	ε Piscium	4'5	58 16'200	0'39	4	...	3'1162	'0088	- 54	+ 7 24 21'74	1'15	4	...	19'402	'121	+ 28
86	...	230	26 Ceti	6'1	0 59 11'048	0'27	2	...	+ 3'0777	+ '0054	+ 79	+ 0 53 4'45	0'27	2	...	+19'382	- '122	- 34
87	...	233	73 Piscium	6'3	1 0 12'840	1'62	1	...	3'1040	'0077	+ 20	+ 5 10 25'79	1'62	1	...	19'358	'125	- 9
88	64	234	72 Piscium	5'9	0 20'216	0'42	5	...	3'1622	'0129	- 2	+14 27 44'68	0'42	5	...	19'355	'127	+ 44
89	...	238	77 Piscium	6'8	1 9'840	0'72	1	...	3'0998	'0073	+ 12	+ 4 25 44'42	0'72	1	...	19'336	'126	+ 113
90	...	...	W. B. 0. 1061.....	8'8	2 49'580	1'69	1	...	3'1023	'0075	...	+ 4 42 37'42	1'69	1	...	19'298	'127	...
91	67	252	ε Piscium	5'7	1 3 43'947	1'27	3	...	+ 3'1058	+ '0078	- 182	+ 5 10 24'50	1'27	3	...	+19'276	- '130	- 181
92	69	255	η Ceti	3'5	4 3'700	2'82	1	...	3'0031	'0000	+ 141	-10 39 33'05	2'82	1	...	19'268	'129	- 133
93	70	256	Bradley 117.....	5'8	4 27'508	0'43	3	3	5'0162	+ '3435	+ 326	+79 11 42'43	0'75	3	6	19'258	'210	+ 8
94	71	259	β Andromedae	2'4	4 41'318	0'96	4	...	3'3346	'0289	+ 149	+35 8 36'75	0'49	3	...	19'253	'143	- 115
95	...	267	33 Ceti	6'2	5 55'602	0'19	2	...	3'0855	'0063	- 2	+ 1 58 0'46	0'19	2	...	19'222	'135	- 2
96	74	271	τ Piscium	4'6	1 6 41'980	2'86	1	...	+ 3'2905	+ '0238	+ 55	+29 36 41'75	2'86	1	...	+19'203	- '145	- 38
97	76	282	ζ ¹ Piscium	5'5	9 1'655	2'85	2	...	3'1219	'0091	+ 89	+ 7 5 58'79	2'35	6	...	19'144	'143	- 52
98	...	283	ζ ² Piscium	6'6	9 3'062	9'59	1	...	3'1219	'0091	+ 91	+ 7 6 (9)	...	...	...	19'143	'143	- 50
99	77	285	37 Ceti	5'3	9 52'070	2'91	2	...	3'0133	'0016	+ 84	- 8 24 22'52	2'91	2	...	19'122	'140	+ 268
100	...	...	Lalande 2255	7'1	11 4'250	2'82	1	...	3'1394	'0104	- 8	+ 9 19 30'04	2'82	...	...	19'090	'148	- 26

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No.	Number in		Star's Name.	Magnitude.	Mean R. A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion, Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion, Unit "0001.
	Newcomb's Fundamental Catalogue, 1900.	Boss's P.G.C., 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
101	79	295	f Piscium	5.3	h m s 13 9 308	0.43	4	...	+ 3.0955	+ .0073	— 34	+ 3 8 26.92	0.43	4	...	+19.033	— .148	— 23
102	80	300	v Piscium	4.8	14 30 920	1.42	2	...	3.2881	.0219	+ 17	+26 47 28.25	1.42	2	...	18.996	.160	— 12
103	...	...	Groombridge 285	7.2	14 (32)	...	...	...	4.5729	.2000	+ 31	+74 6 30.72	1.39	1	...	18.996	.218	— 17
104	...	299	Bradley 163	6.5	14 (39)	...	...	...	4.7586	.2380	+ 219	+75 46 3.48	0.43	4	...	18.992	.229	— 25
105	81	303	l Piscium	5.6	16 8 595	9.95	3	...	3.3069	.0232	+ 18	+28 16 5.95	9.95	3	...	18.950	.164	— 76
106	82	304	ξ Andromedæ	5.1	17 2 065	2.91	2	...	+ 3.5142	+ .0420	+ 39	+45 3 26.18	2.91	2	...	+18.924	— .176	+ 4
107	85	313	θ Ceti	3.8	19 31 465	0.63	6	...	3.0034	.0018	— 54	— 8 38 51.35	1.58	4	...	18.851	.155	— 213
108	83	310	ψ Cassiopeiaæ	5.0	19 33 621	9.82	2	...	4.1789	.1230	+ 139	+67 39 38.12	0.09	4	2	18.851	.214	+ 34
109	86	314	δ Cassiopeiaæ	2.6	19 (55)	...	...	...	3.8561	.0792	+ 401	+59 46 (1.73)	9.30	...	2	18.840	.202	— 46
110	88	321	ω Andromedæ	5.0	22 15 830	0.65	3	...	3.5411	.0427	+ 324	+44 56 32.50	0.65	3	...	18.768	.191	— 96
111	...	...	B. D. + 44° 308	9.4	1 22 39 520	1.82	1	...	+ 3.5406	+ .0423	...	+44 46 19.45	1.82	1	...	+18.755	— .191	...
112	...	...	Piazzi I. 85	6.4	23 39 640	3.00	2	...	3.1353	.0100	+ 27	+ 7 29 42.92	3.00	2	...	18.724	.171	+ 8
113	90	327	38 Cassiopeiaæ	6.0	24 30 843	1.29	1	2	4.3820	.1460	+ 278	+69 48 6.42	1.11	1	2	18.698	.238	— 66
114	93	332	μ Piscium	5.1	25 28 054	0.04	3	...	3.1209	.0091	+ 194	+ 5 40 49.64	0.04	3	...	18.669	.174	— 44
115	94	335	η Piscium	3.8	26 39 825	9.89	1	...	3.2036	.0142	+ 20	+14 52 55.47	1.18	3	...	18.630	.179	— 10
116	89	325	Polaris	1.9	1 26 (56)	...	...	...	+27.2190	+22.7490	+1440	+88 49 33.73	1.26	27	29	+18.621	—1.494	0
117	98	356	π Piscium	5.6	32 19 540	1.44	2	...	3.1809	.0125	— 51	+ 1 40 53.00	0.97	3	...	18.441	.188	+ 37
118	102	369	τ Andromedæ	5.0	35 15 637	2.55	3	...	3.5273	.0362	+ 12	+40 7 17.17	2.34	2	...	18.340	.214	— 25
119	103	370	ω Cassiopeiaæ	5.5	35 39 629	0.75	3	1	4.3862	.1286	+ 97	+67 35 16.73	0.33	3	3	18.325	.266	— 2
120	104	378	ν Piscium	4.7	36 44 788	0.74	4	...	3.1207	.0091	— 14	+ 5 1 57.72	0.06	4	...	18.287	.193	+ 1
121	...	...	Lalande (F.) 268	7.1	1 36 49 065	1.90	...	2	+ 5.1797	+ .2520	...	+75 25 8.46	1.90	...	2	+18.285	— .314	...
122	105	384	54 Andromedæ	4.2	38 0 683	1.29	3	...	3.7386	.0532	+ 29	+50 14 8.09	1.29	3	...	18.241	.233	— 18
123	107	391	τ Ceti	3.5	39 53 260	2.86	1	...	2.9064	.0009	—1194	—16 24 42.41	2.86	1	...	18.173	.170	+ 857
124	108	393	o Piscium	4.5	40 38 375	0.51	3	...	3.1595	+ .0112	+ 46	+ 8 42 18.56	1.18	5	...	18.144	.203	+ 51
125	109	396	ε Sculptoris	5.4	41 25 917	1.59	3	...	2.7995	— .0038	+ 116	—25 30 7.77	1.59	3	...	18.115	.183	— 57
126	...	...	Groombridge 379	6.9	1 43 41 280	0.85	2	...	+ 5.2755	+ .2505	+ 206	+75 8 38.40	0.85	2	...	+18.032	— .340	— 39
127	114	411	χ Ceti	4.8	45 9 868	1.18	4	...	2.9560	.0022	— 108	—11 7 53.34	1.18	4	...	17.972	.197	— 79
128	...	414	54 Ceti	6.1	46 5 310	2.33	2	...	3.1842	.0123	— 47	+10 35 53.15	2.33	2	...	17.937	.213	— 27
129	115	415	2 Persei	5.9	46 25 410	2.86	1	...	3.7947	.0540	+ 25	+50 20 52.78	2.86	1	...	17.924	.254	— 29
130	116	416	ζ Ceti	3.8	47 1 040	1.02	1	...	2.9579	.0024	+ 25	—10 46 47.29	1.02	1	...	17.900	.201	— 32
131	...	...	O. A. (N.) 2047 (as one mass)	7.0	1 47 (6)	...	...	...	+ 5.4495	+ .2719	...	+75 46 53.61	1.35	...	2	+17.898	— .362	...
132	117	419	ε Cassiopeiaæ	3.4	47 54 393	1.57	1	2	4.2740	.1003	+ 57	+63 13 37.96	1.61	1	2	17.865	.289	— 17
133	120	426	ξ Piscium	4.8	48 (54)	...	...	...	3.1018	.0084	+ 15	+ 2 44 37.13	1.92	1	...	17.826	.214	+ 25
134	121	428	β Arietis	2.7	49 39 924	0.29	10	...	3.3010	.0183	+ 68	+20 22 6.26	0.58	9	...	17.794	.229	— 111
135	123	441	λ Arietis	4.8	52 54 604	0.89	5	...	3.3428	.0203	— 68	+23 9 26.60	0.75	6	...	17.662	.236	— 18
136	...	447	Mayer 74	6.3	1 54 36 650	1.62	1	...	+ 3.2071	+ .0132	— 1	+11 51 32.27	1.62	1	...	+17.591	— .231	— 35
137	...	...	B. D. — 21° 352	7.4	54 40 670	0.88	1	...	2.8191	— .0012	...	—21 34 (33)	...	...	...	17.588	.207	...
138	126	449	50 Cassiopeiaæ	4.0	55 43 650	1.88	1	...	5.0605	+ .1894	— 83	+72 0 10.85	1.88	1	...	17.544	.360	+ 23
139	127	453	ν Ceti	4.2	55 46 000	0.87	2	...	2.8177	— .0012	+ 93	—21 30 50.30	0.87	2	...	17.542	.207	— 20
140	128	457	53 Cassiopeiaæ	5.6	56 19 793	1.04	2	1	4.4017	+ .1060	+ 14	+63 57 20.12	1.07	1	1	17.518	.317	+ 5
141	...	460	49 Cassiopeiaæ	5.3	1 56 (54)	...	...	...	+ 5.6290	+ .2758	— 20	+75 40 58.36	1.35	...	4	+17.495	— .403	— 16
142	130	463	α ² Piscium	4.3	57 23 380	0.89	3	...	3.0991	.0084	+ 28	+ 2 19 45.42	1.15	4	...	17.477	.228	— 6
143	...	...	W. B. I. 973	6.3	57 44 290	1.77	1	...	3.2247	.0140	— 9	+13 2 33.36	1.77	1	...	17.458	.238	— 6
144	131	468	γ ¹ Andromedæ	2.3	58 22 130	0.83	1	...	3.6646	.0394	+ 42	+41 53 54.14	0.83	1	...	17.431	.270	— 52
145	...	...	Lalande (F.) 343	7.6	58 48 090	2.41	...	1	5.4510	.2422	...	+74 26 21.89	2.41	...	2	17.415	.397	...
146	133	477	α Arietis	2.2	2 2 5 796	1.13	5	...	+ 3.3611	+ .0204	+ 137	+23 2 14.21	1.11	9	...	+17.268	— .257	— 146
147	134	482	β Trianguli	3.0	4 10 970	1.77	1	...	3.5474	.0305	+ 123	+34 33 42.68	1.77	1	...	17.175	.274	— 46
148	135	491	15 Arietis	5.9	5 38 117	1.01	3	...	3.3134	.0177	+ 62	+19 4 34.38	1.01	3	...	17.109	.259	— 28
149	136	498	55 Cassiopeiaæ	6.3	7 24 366	1.41	...	1	4.6642	.1231	— 2	+66 6 11.01	1.41	...	1	17.028	.363	+ 3
150	...	...	B. D. + 8° 343	8.6	7 34 810	3.02	1	...	3.1764	.0116	...	+ 8 21 57.85	3.02	1	...	17.021	.252	...

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No.	Number in		Stars's Name.	Magnitude.	Mean R. A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion, Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion, Unit "001.
	Newcomb's Fundamental Catalogue. 1900.	Boss's P. G. C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
151	137	500	6 Persei.....	5.5	h m s 2 7 36.940	2.95	1	...	+ 3.9338	+ .0559	+ 365	+50 38 53.35	2.95	1	...	+17.019	.314	- 168
152	...	502	19 Arietis.....	6.1	8 8.700	1.77	1	...	3.2606	.0151	+ 67	+14 51 29.50	1.77	1	...	16.993	.259	- 22
153	138	505	ξ ¹ Ceti.....	4.5	8 13.675	0.93	2	...	3.1776	.0116	- 17	+ 8 25 29.48	1.19	3	...	16.990	.252	- 7
154	...	...	B. D. + 13° 364....	8.2	12 23.493	1.23	3	...	3.2552	.0147	...	+14 2 58.84	1.32	5	...	16.793	.259	...
155	...	...	Lalande 4249.....	7.5	12 (29)	...	...	...	2.9830	.0047	...	- 6 59 42.75	1.02	1	...	16.788	.245	...
156	142	518	67 Ceti.....	5.7	2 12 29.680	1.91	2	...	+ 2.9850	+ .0049	+ 61	- 6 50 11.78	1.92	3	...	+16.788	-.245	- 108
157	...	...	B. D. + 14° 378....	8.7	12 48.770	0.88	1	...	3.2618	.0149	...	+14 29 46.97	0.88	1	...	16.773	.259	...
158	143	521	θ Arietis.....	5.7	13 6.940	0.05	2	...	3.3320	.0180	- 10	+19 29 7.13	0.45	4	...	16.759	.272	- 6
159	...	...	B. D. + 13° 366....	8.0	13 10.210	1.18	4	...	3.2562	.0147	...	+14 3 5.02	1.25	3	...	16.756	.259	...
160	145	530	o Ceti.....	var.	14 47.900	1.84	1	...	3.0286	.0062	- 1	- 3 23 8.97	1.84	1	...	16.678	.251	- 237
161	...	...	B. D. + 14° 380....	9.5	2 15 31.650	1.88	1	...	+ 3.2740	+ .0153	...	+15 7 37.85	1.88	1	...	+16.642	-.271	...
162	...	...	B. D. + 14° 383....	7.6	16 51.690	0.88	1	...	3.2759	.0153	...	+15 6 26.33	0.88	1	...	16.576	.271	...
163	...	...	B. D. + 14° 386....	9.2	17 49.930	1.92	1	...	3.2657	+ .0149	...	+14 25 3.87	1.92	1	...	16.529	.270	...
164	146	543	κ Fornacis.....	5.5	18 25.443	2.61	3	...	2.7310	-.0007	+ 147	-24 13 30.40	2.61	3	...	16.499	.235	- 61
165	...	...	B. D. + 14° 390....	8.9	18 30.290	0.94	1	...	3.2682	+ .0149	...	+14 26 23.46	0.94	1	...	16.496	.274	...
166	147	546	ξ Arietis.....	5.5	2 19 59.453	1.88	3	...	+ 3.2105	+ .0127	+ 8	+10 12 12.28	2.40	2	...	+16.421	-.275	- 15
167	150	551	ρ Ceti.....	4.9	21 36.092	1.58	5	...	2.8981	.0032	- 17	-12 41 45.99	1.58	5	...	16.340	.251	- 9
168	149	550	ι Cassiopeiae.....	4.5	21 38.190	2.41	...	1	4.8965	.1322	- 6	+66 59 53.22	2.41	...	1	16.338	.417	+ 14
169	153	560	ξ ² Ceti.....	4.3	23 22.337	1.01	4	...	3.1833	.0116	+ 26	+ 8 3 25.16	1.56	9	...	16.250	.278	- 4
170	155	568	27 Arietis.....	6.4	25 54.597	1.56	3	...	3.3201	.0165	+ 25	+17 18 22.01	1.56	3	...	16.119	.294	- 97
171	156	575	σ Ceti.....	4.8	2 27 49.322	2.02	4	...	+ 2.8476	+ .0023	- 55	-15 38 22.07	2.02	4	...	+16.019	-.254	- 117
172	...	576	29 Arietis.....	6.1	27 58.208	1.15	4	...	3.2825	.0151	- 11	+14 38 11.98	1.15	4	...	16.011	.294	+ 33
173	157	577	Bradley 348.....	5.3	29 27.174	0.62	1	1	5.6331	.2059	- 50	+72 25 32.15	0.92	3	1	15.933	.500	+ 20
174	159	588	Piazzi II. 123.....	6.2	31 8.670	2.95	1	...	3.1652	.0123	+1209	+ 6 27 27.24	2.95	1	...	15.841	.310	+1462
175	160	589	ν Ceti.....	5.1	31 (9)	...	...	...	3.1470	.0103	- 21	+ 5 12 3.17	1.85	2	...	15.842	.286	- 29
176	...	591	31 Arietis.....	5.7	2 31 43.295	1.51	2	...	+ 3.2480	+ .0137	+ 194	+12 3 27.50	1.51	2	...	+15.811	-.300	- 85
177	161	597	ν Arietis.....	5.4	33 42.088	1.23	4	...	3.4009	.0192	- 6	+21 34 21.83	1.16	5	...	15.705	.313	- 23
178	165	604	δ Ceti.....	4.0	34 51.950	2.97	1	...	3.0716	.0082	+ 7	- 0 3 31.98	1.90	2	...	15.640	.286	+ 1
179	...	...	Lalande (F.) 430-I..	7.1	37 (8)	...	...	...	6.2360	.2668	...	+75 1 39.42	0.83	2	...	15.516	.563	...
180	170	617	θ Persei.....	4.2	38 2.701	9.36	...	3	4.0454	.0513	+ 343	+48 50 56.44	9.36	...	3	15.465	.387	- 90
181	171	620	35 Arietis.....	4.6	2 38 10.100	0.95	1	...	+ 3.5121	+ .0233	+ 3	+27 19 29.06	0.94	2	...	+15.459	-.331	- 13
182	173	622	γ ² Ceti.....	3.6	38 38.217	2.00	3	...	3.1151	.0092	- 98	+ 2 51 24.55	1.46	4	...	15.433	.294	- 150
183	...	624	36 Arietis.....	6.8	39 17.560	1.85	2	...	3.3405	.0165	+ 36	+17 23 0.55	1.85	2	...	15.396	.318	- 45
184	174	627	π Ceti.....	4.4	39 50.330	2.25	3	...	2.8547	.0033	- 5	-14 14 21.84	2.25	3	...	15.366	.273	- 14
185	...	...	Lalande (F.) 443....	8.1	39 (59)	...	...	...	5.7123	.1975	...	+71 58 2.67	1.43	...	2	15.360	.538	...
186	175	629	μ Ceti.....	4.4	2 40 4.490	0.95	1	...	+ 3.2200	+ .0125	+ 190	+ 9 44 4.18	0.95	1	...	+15.352	-.311	- 27
187	176	634	39 Arietis.....	4.8	42 32.770	3.01	3	...	3.5524	.0244	+ 115	+28 52 25.66	3.01	3	...	15.212	.344	- 125
188	177	639	η Persei.....	3.9	44 7.350	1.30	3	...	4.3501	.0678	+ 29	+55 31 21.08	1.30	3	...	15.122	.421	- 16
189	...	641	π Arietis.....	5.5	44 16.060	1.62	1	...	3.3424	.0163	+ 5	+17 5 26.43	1.62	1	...	15.113	.325	- 21
190	178	643	41 Arietis.....	3.7	44 40.970	0.05	1	...	3.5187	+ .0227	+ 50	+26 53 24.03	0.47	4	...	15.090	.344	- 113
191	179	645	β Fornacis.....	4.5	2 45 19.448	2.72	4	...	+ 2.5042	-.0004	+ 79	-32 47 1.32	2.72	4	...	+15.052	-.248	+ 160
192	...	...	W. B. (2) II. 1037..	7.1	45 37.230	2.97	1	...	3.3737	+ .0173	...	+18 47 25.50	2.97	1	...	15.033	.328	...
193	181	650	τ ² Eridani.....	4.8	46 57.390	0.03	1	...	2.7243	.0017	- 37	-21 22 31.40	0.03	1	...	14.958	.269	- 12
194	182	653	τ Persei.....	4.1	47 52.230	1.07	2	...	4.2327	.0584	+ 5	+52 23 41.05	1.07	2	...	14.905	.417	- 6
195	...	...	Piazzi III. 203.....	6.4	48 10.855	0.80	2	...	3.3312	.0156	+ 12	+16 6 59.82	0.80	2	...	14.887	.332	- 53
196	...	...	Groombridge 569....	7.9	2 49 23.820	2.39	...	1	+ 5.8962	+ .2030	+ 96	+72 18 35.08	2.39	...	2	+14.819	-.581	- 11
197	...	661	ρ ³ Arietis.....	5.8	51 21.060	1.92	2	...	3.3619	.0164	+ 189	+17 39 51.08	1.92	2	...	14.699	.342	- 207
198	183	665	η Eridani.....	4.1	52 1.825	0.04	2	...	2.9240	.0050	+ 54	- 9 15 22.65	0.04	2	...	14.659	.297	- 215
199	185	674	ε Arietis (as one mass)	4.7	54 3.792	1.21	3	...	3.4254	.0184	- 11	+20 58 50.87	2.46	2	...	14.537	.349	- 8
200	184	669	Cephei 47.....	5.7	54 4.795	1.03	3	1	7.8351	.4625	- 130	+79 3 50.43	1.47	3	4	14.537	.781	+ 11

N	Number in		Star's Name.	Magnitude.	Mean R. A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.
	Newcomb's Fundamental Catalogue, 1900.	Bess's P. G. C., 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
201	186	679	λ Ceti	4.8	h m s 2 54 53.365	0.95	2	...	+ 3.2114	+ .0118	+ 6	+ 8 32 56.24	0.95	2	...	+14.487	- .329	- 6
202	...	...	Radcliffe 745	8.7	57 16.949	3.05	3	...	32.5670	12.9960	+ 57	+88 11 12.83	3.05	3	...	14.341	3.106	- 35
203	189	691	α Ceti	2.8	57 34.380	1.54	4	...	3.1336	.0097	- 9	+ 3 44 13.35	1.83	4	...	14.323	.325	- 77
204	191	696	γ Eridani	4.2	58 25.458	2.44	4	...	2.6552	.0016	- 104	-23 58 36.82	2.44	4	...	14.272	.275	- 47
205	192	698	ρ Persei	Var.	59 24.130	0.90	2	...	3.8220	.0330	+ 115	+38 29 31.72	0.90	2	...	14.211	.400	- 108
206	...	...	W. B. (2) II. 1358 ..	6.6	2 59 40.013	0.30	4	...	+ 3.3343	+ .0150	- 21	+15 30 26.32	0.30	4	...	+14.195	- .349	- 141
207	...	705	Bradley 417	5.0	3 2 8.870	2.39	...	2	6.4104	.2379	+ 70	+74 3 9.59	1.47	2	2	14.041	.669	- 83
208	195	708	β Persei	Var.	2 18.460	0.03	1	...	3.8909	.0355	+ 6	+40 36 34.12	0.03	1	...	14.031	.410	- 5
209	...	709	53 Arietis	6.5	2 21.570	1.92	1	...	3.3741	.0161	- 24	+17 31 58.52	1.92	1	...	14.028	.356	+ 3
210	196	710	ι Persei	4.2	2 33.885	2.51	2	...	4.1824	.0515	+1293	+49 16 12.65	2.51	2	...	14.014	.468	- 81
211	...	712	54 Arietis	6.6	3 3 14.930	2.07	1	...	+ 3.3923	+ .0166	+ 27	+18 26 59.73	2.07	1	...	+13.972	- .360	- 18
212	...	...	Groombridge 612	6.8	5 27.515	1.39	...	2	6.3454	.2248	+ 16	+73 31 49.50	1.39	...	2	13.837	.670	- 39
213	199	718	δ Arietis	4.5	6 28.767	0.99	6	...	3.4143	.0171	+ 107	+19 23 12.07	1.28	4	...	13.768	.369	- 6
214	201	722	94 Ceti	5.1	8 10.787	2.00	3	...	3.0464	.0077	+ 135	- 1 31 56.61	2.00	3	...	13.660	.333	- 55
215	200	721	Bradley 431	5.7	8 51.520	1.43	...	1	7.4623	.3558	+ 203	+77 24 18.87	1.43	...	1	13.616	.801	- 49
216	206	739	ζ Eridani	5.0	3 11 27.600	3.08	1	...	+ 2.9129	+ .0055	- 3	- 9 9 13.05	3.08	1	...	+13.448	- .320	+ 45
217	208	752	κ Ceti	5.1	14 38.380	2.96	2	...	3.1259	.0095	+ 177	+ 3 2 25.35	2.96	2	...	13.241	.351	+ 94
218	209	761	τ Arietis	5.2	16 1.700	0.82	4	...	3.4561	.0174	+ 21	+20 49 23.31	1.46	5	...	13.149	.385	- 30
219	...	760	Bradley 449	7.3	16 (9)	...	...	...	6.3506	.2060	+ 123	+72 53 19.94	0.86	2	...	13.142	.702	- 43
220	211	772	α Persei	1.9	17 53.363	0.78	2	1	4.2636	.0482	+ 28	+49 32 30.41	0.65	2	1	13.026	.477	- 28
221	213	778	σ Tauri	3.8	3 19 58.067	1.75	7	...	+ 3.2294	+ .0114	- 45	+ 8 42 45.36	2.29	7	...	+12.888	- .364	- 78
222	...	782	Piazzi III. 60	6.5	21 54.840	0.05	1	...	3.4163	.0159	+ 38	+18 26 31.12	0.05	1	...	12.757	.389	- 5
223	...	...	B. D. + 19° 537	6.7	22 49.963	0.97	3	...	3.4523	.0168	...	+20 9 4.80	0.97	3	...	12.694	.392	...
224	...	792	66 Arietis	6.2	23 10.720	2.97	1	...	3.5014	.0179	+ 6	+22 29 40.13	2.97	1	...	12.671	.400	- 111
225	...	...	B. D. + 20° 573	7.2	23 36.400	1.93	1	...	3.4570	.0168	...	+20 18 55.37	1.93	1	...	12.637	.393	...
226	217	795	σ Persei	4.7	3 24 13.400	3.04	1	...	+ 4.2142	+ .0438	+ 6	+47 41 6.66	3.04	1	...	+12.600	- .482	+ 22
227	...	...	B. D. + 19° 543	9.2	24 36.850	2.07	1	...	3.4541	.0168	...	+20 7 51.36	2.07	1	...	12.568	.393	...
228	...	...	B. D. + 12° 485	8.5	25 17.460	1.02	1	...	3.3054	.0129	...	+12 35 (38)	...	...	...	12.527	.382	...
229	...	...	B. D. + 19° 547	8.0	25 18.400	0.95	1	...	3.4486	.0165	...	+19 47 45.53	0.95	1	...	12.526	.395	...
230	...	799	Bradley 471	6.6	25 19.270	3.30	...	1	6.4946	.2041	+ 54	+73 2 34.88	3.30	...	1	12.525	.741	- 26
231	218	801	δ Tauri	5.1	3 25 29.210	1.50	2	...	+ 3.2760	+ .0122	- 6	+11 1 40.01	1.50	2	...	+12.514	- .377	- 19
232	219	804	f Tauri	4.3	25 54.154	9.97	2	...	3.3068	.0129	+ 12	+12 37 43.98	1.21	6	...	12.486	.382	- 4
233	...	...	B. D. + 19° 550	8.5	27 15.862	1.46	4	...	3.4524	.0164	...	+19 52 13.92	1.46	4	...	12.392	.398	...
234	...	...	Bradley 473	6.2	28 (32)	...	...	...	7.1363	.2637	- 6	+75 26 28.79	2.48	...	2	12.308	.821	+ 13
235	221	814	ϵ Eridani	3.8	28 41.385	2.26	4	...	2.8910	.0056	- 657	- 9 45 45.21	1.84	7	...	12.295	.322	+ 14
236	...	...	Mayer 120	6.4	3 29 0.650	0.05	1	...	+ 3.4065	+ .0147	+ 60	+17 32 17.33	0.05	1	...	+12.272	- .399	- 323
237	...	...	B. D. + 19° 557	9.1	29 58.000	1.32	3	...	3.4570	.0163	...	+19 55 14.42	1.32	3	...	12.206	.402	...
238	...	...	B. D. + 19° 562	7.0	31 12.130	2.07	1	...	3.4557	.0162	...	+19 46 13.77	2.07	1	...	12.114	.403	...
239	224	825	10 Tauri	4.4	32 16.758	3.00	5	...	3.0747	.0076	- 156	+ 0 6 59.34	3.00	5	...	12.045	.359	- 482
240	...	...	Lalande 6630	...	32 27.530	1.93	1	...	4.1135	.0351	...	+44 14 29.92	1.93	1	...	12.033	.481	...
241	...	...	B. D. + 19° 568	8.8	3 33 36.680	0.95	1	...	+ 3.4657	+ .0162	...	+20 5 55.77	0.95	1	...	+11.949	- .408	...
242	...	...	Lalande 6686	6.5	33 46.510	1.96	2	...	3.4765	.0163	...	+20 37 21.03	1.96	2	...	11.939	.412	...
243	225	826	Piazzi III. 94	5.3	34 19.980	0.72	1	...	5.1765	.0896	- 9	+62 55 33.15	0.97	1	3	11.900	.610	+ 21
244	...	...	Groombridge 710	6.8	34 37.778	9.97	2	...	6.8919	.2255	+ 35	+74 15 16.52	9.97	2	...	11.883	.809	+ 37
245	229	836	11 Tauri	6.2	35 23.600	1.34	3	...	3.5766	.0188	+ 11	+25 2 20.06	0.99	1	...	11.825	.425	- 15
246	230	838	δ Persei	3.1	3 36 30.550	0.95	1	...	+ 4.2543	+ .0414	+ 32	+47 30 1.72	0.95	1	...	+11.746	- .507	- 33
247	...	843	14 Tauri	6.5	38 34.743	9.67	1	...	3.4559	.0154	+ 85	+19 22 52.70	9.67	1	...	11.599	.417	- 65
248	232	844	σ Persei	3.9	38 40.280	1.52	2	...	3.7539	.0233	+ 8	+32 0 13.83	1.52	2	...	11.593	.450	- 24
249	235	848	δ Eridani	3.7	38 56.160	3.00	2	...	2.8788	.0062	- 63	-10 4 4.20	2.90	1	...	11.574	.346	+ 743
250	...	...	B. D. + 47° 881	7.8	39 2.400	0.06	1	...	4.2594	.0410	...	+47 22 39.46	0.06	1	...	11.567	.507	...

ALTAZIMUTH CATALOGUE, 1910.0.

No.	Number in		Star's Name.	Magnitude.	Mean R. A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Preces- sion, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.
	Newcomb's Fundamental Catalogue, 1900.	Boss's P. G. C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
251	234	847	ν Persei.....	3.9	h m s 3 39 4.360	1.07	1	...	+ 4.0656	+ .0334	- 8	+42 17 41.38	1.07	1	...	+11.564	- .488	+ 1
252	236	852	17 Tauri.....	3.8	39 31.687	1.99	3	...	3.5554	.0177	+ 14	+23 49 50.65	1.99	3	...	11.532	.428	- 50
253	237	858	γ Camelopardi.....	4.7	41 50.410	2.48	...	1	6.2701	.1596	+ 60	+71 3 22.31	2.48	...	1	11.366	.753	- 36
254	238	869	η Tauri.....	3.0	42 7.899	1.51	8	...	3.5592	.0175	+ 14	+23 49 38.68	1.49	8	...	11.345	.432	- 48
255	239	873	τ^6 Eridani.....	4.3	42 58.505	1.51	2	...	2.5919	.0025	- 118	-23 30 53.58	1.51	2	...	11.284	.314	- 523
256	241	877	27 Tauri.....	3.8	3 43 48.465	1.74	4	...	+ 3.5604	+ .0173	+ 14	+23 46 42.46	1.74	4	...	+11.224	- .434	- 50
257	...	...	Groombridge 737.....	7.0	46 6.630	1.44	...	1	6.9141	.2053	- 2	+73 48 47.14	1.44	...	2	11.062	.841	+ 19
258	...	887	Lalande 7019.....	5.8	46 24.340	0.44	3	...	4.8380	.0631	+ 118	+57 42 30.20	0.44	3	...	11.035	.594	- 79
259	...	...	Groombridge 742.....	6.4	46 (46)	...	...	...	6.4227	.1632	- 118	+71 33 16.20	9.97	1	...	11.010	.783	+ 5
260	...	892	Mayer 136.....	6.3	48 1.065	9.67	1	...	3.4165	.0138	+ 100	+17 3 35.67	9.67	1	...	10.917	.424	- 33
261	244	894	ζ Persei.....	2.8	3 48 28.245	2.56	2	...	+ 3.7634	+ .0220	+ 10	+31 37 1.56	2.56	2	...	+10.884	- .464	- 17
262	245	897	Piazzi III. 178.....	5.2	49 27.375	1.52	2	...	5.0900	.0738	+ 4	+60 50 46.12	1.52	2	...	10.811	.627	- 16
263	...	908	32 Tauri.....	5.8	51 32.910	0.72	1	...	3.5349	.0159	+ 46	+22 13 10.18	0.72	1	...	10.656	.441	- 114
264	...	909	33 Tauri.....	6.3	51 43.485	2.49	2	...	3.5512	.0163	+ 21	+22 54 52.07	2.49	2	...	10.643	.443	- 13
265	248	910	ϵ Persei.....	2.9	51 48.623	1.69	3	...	4.0147	.0286	+ 23	+39 45 1.65	1.69	3	...	10.637	.500	- 29
266	250	913	ξ Persei.....	4.1	3 53 7.235	0.99	2	...	+ 3.8844	+ .0245	+ 11	+35 31 58.43	0.99	2	...	+10.539	- .485	- 12
267	251	915	γ Eridani.....	3.2	53 49.770	1.51	2	...	2.7936	.0045	+ 46	-13 45 50.60	0.75	7	...	10.487	.352	- 112
268	252	920	λ Tauri.....	var.	55 41.513	1.68	3	...	3.3207	.0114	- 4	+12 14 11.78	1.68	3	...	10.347	.418	- 14
269	...	...	B. D. + 73° 210.....	6.7	56 32.027	0.80	2	1	7.0092	.1940	...	+73 45 16.80	0.65	4	2	10.285	.877	...
270	255	932	ν Tauri.....	4.0	58 (22)	...	...	...	3.1884	.0092	+ 1	+ 5 44 24.75	2.08	2	...	10.147	.404	- 7
271	...	...	Groombridge 771.....	6.9	3 58 (53)	...	...	...	+ 6.9271	+ .1830	- 96	+73 19 34.82	2.41	2	...	+10.110	- .872	+ 37
272	256	936	A ¹ Tauri.....	4.5	59 22.260	1.05	3	...	3.5355	.0151	+ 67	+21 50 11.69	0.95	5	...	10.071	.451	- 64
273	257	938	λ Persei.....	4.4	59 52.313	1.31	2	...	4.4567	.0410	- 3	+50 6 28.64	1.31	2	...	10.032	.565	- 37
274	...	939	A ² Tauri.....	6.2	4 0 0.435	1.85	2	...	3.5347	.0150	+ 125	+21 45 59.12	1.85	2	...	10.023	.453	- 138
275	...	...	B. D. + 22° 630.....	8.8	0 20.115	1.05	2	...	3.5537	.0158	...	+22 33 30.81	1.05	2	...	9.998	.454	...
276	...	...	B. D. + 22° 633.....	9.2	4 0 57.460	2.08	1	...	+ 3.5554	+ .0158	...	+22 35 41.14	2.08	1	...	+ 9.951	- .454	...
277	260	947	ϵ Persei.....	4.0	2 7.428	0.04	3	...	4.3410	.0362	+ 32	+47 28 23.19	0.04	3	...	9.861	.555	- 30
278	...	...	B. D. + 21° 593.....	8.8	2 55.477	1.32	3	...	3.5386	.0150	...	+21 46 53.29	1.32	3	...	9.801	.452	...
279	262	952	ω^1 Tauri.....	5.7	3 55.237	1.07	3	...	3.4834	.0136	+ 75	+19 22 19.10	1.43	3	...	9.724	.449	- 43
280	263	955	p Tauri.....	5.6	5 20.835	2.52	2	...	3.6507	.0168	- 20	+26 14 47.88	2.52	2	...	9.615	.470	- 37
281	...	...	B. D. + 21° 603.....	8.7	4 6 2.360	1.07	1	...	+ 3.5429	+ .0145	...	+21 49 38.26	1.07	1	...	+ 9.562	- .459	...
282	265	963	α^1 Eridani.....	4.1	7 28.265	0.10	2	...	2.9263	.0058	+ 6	- 7 4 18.03	0.58	3	...	9.452	.380	+ 81
283	...	...	Piazzi IV. 6.....	6.2	7 30.887	1.28	3	...	3.5531	.0146	- 16	+22 10 58.04	1.28	3	...	9.449	.460	- 19
284	264	958	Groombridge 750.....	6.7	7 59.620	0.95	1	...	17.4800	1.7850	+ 150	+85 19 4.46	1.22	3	5	9.411	2.258	+ 33
285	266	967	μ Persei.....	4.3	8 17.040	1.54	2	...	4.3923	.0358	+ 13	+48 10 53.23	1.54	2	...	9.389	.569	- 27
286	...	...	B. D. + 22° 654.....	8.3	4 8 37.905	1.55	2	...	+ 3.5614	+ .0146	...	+22 28 44.77	1.55	2	...	+ 9.363	- .462	...
287	...	...	Groombridge 784.....	6.7	9 30.220	2.45	...	1	7.7830	.2304	+ 47	+75 53 7.78	2.47	...	4	9.298	1.004	- 18
288	267	978	A ¹ Eridani.....	5.1	10 6.773	1.38	3	...	2.8532	.0049	- 8	-10 28 46.10	1.38	3	...	9.248	.372	- 157
289	268	981	μ Tauri.....	4.4	10 38.820	3.05	1	...	3.2534	.0094	+ 19	+ 8 40 2.71	3.05	1	...	9.206	.426	- 20
290	273	999	54 Persei.....	5.2	14 33.900	9.97	2	...	3.8909	.0206	- 25	+34 21 0.96	9.97	2	...	8.901	.510	- 15
291	274	1000	γ Tauri.....	3.9	4 14 40.180	1.26	5	...	+ 3.4027	+ .0113	+ 81	+15 24 39.62	0.64	7	...	+ 8.892	- .450	- 27
292	...	...	Piazzi IV. 47.....	6.9	16 12.746	9.98	1	...	3.5307	.0132	+ 64	+20 49 37.33	9.98	1	...	8.771	.468	- 5
293	...	...	Groombridge 810.....	7.5	16 (56)	...	...	...	6.6864	.1369	+ 64	+71 34 24.77	2.41	2	...	8.715	.878	- 11
294	277	1017	δ^1 Tauri.....	3.9	17 44.560	9.84	4	...	3.4488	.0118	+ 77	+17 19 55.50	9.84	4	...	8.650	.458	- 33
295	278	1029	δ^3 Tauri.....	4.2	20 16.867	0.87	5	...	3.4598	.0117	+ 75	+17 43 21.47	0.31	4	...	8.450	.462	- 25
296	...	1040	Piazzi IV. 82.....	5.7	4 22 40.120	0.95	1	...	+ 3.5502	+ .0129	+ 78	+21 25 11.43	0.95	1	...	+ 8.259	- .476	- 45
297	...	...	Groombridge 828.....	6.0	23 (4)	...	...	...	6.9008	.1405	+ 62	+72 20 8.16	2.49	...	2	8.230	.918	- 73
298	281	1044	ϵ Tauri.....	3.6	23 21.565	1.27	6	...	3.4920	.0119	+ 80	+18 58 53.20	0.43	6	...	8.204	.469	- 38
299	...	...	1 Camelopardi (comes).....	6.2	24 52.880	0.12	1	...	4.7384	.0404	+ 7	+53 43 4.57	0.12	1	...	8.083	.634	- 5
300	282	1050	1 Camelopardi.....	5.1	24 53.870	0.12	1	...	4.7384	.0404	+ 7	+53 42 57.91	0.12	1	...	8.082	.634	- 5

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N 151560AMM	Number in		Star's Name.	Magnitude.	Mean R. A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Preces- sion, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "001.					
	Newcomb's Fundamental Catalogue, 1900.	Boss's P. G. C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.								
301	283	1051	80 Tauri	5.7	h m s 4 25 0.607	2.31	4	...	+	3.4105	+.0106	+	73	+	15 26 30.02	2.31	4	...	+	8.073	-0.460	-	12
302	285	1061	m Persei.....	6.1	27 4.725	1.63	2	...	+	4.2126	.0253	+	6	+	42 52 20.58	1.63	2	...	+	7.906	.567	+	1
303	287	1067	p Tauri.....	4.8	28 44.383	1.11	3	...	+	3.3947	.0100	+	69	+	14 39 20.93	1.11	3	...	+	7.773	.461	-	26
304	...	...	B. D. + 22° 712....	6.8	29 22.170	1.54	2	...	+	3.5839	.0128	...	...	+	22 30 19.38	1.54	2	...	+	7.723	.483	...	...
305	...	...	B. D. + 22° 715....	8.4	29 53.520	1.02	1	...	+	3.5930	.0127	...	...	+	22 51 36.19	1.02	1	...	+	7.682	.488	...	...
306	288	1077	Aldebaran	1.1	4 30 45.257	1.61	8	...	+	3.4347	+.0102	+	48	+	16 19 44.49	0.85	13	...	+	7.610	- .467	-	191
307	...	...	W. B. (2) IV. 596-8	6.0	31 3.855	1.08	2	...	+	3.6016	.0126	+	109	+	23 9 28.25	1.08	2	...	+	7.585	.492	-	102
308	289	1079	v Eridani.....	4.1	31 49.260	0.13	1	...	+	2.9960	.0058	0	...	+	3 32 9.44	0.13	1	...	+	7.524	.408	-	2
309	292	1091	53 Eridani.....	4.0	34 3.440	0.07	1	...	+	2.7514	.0040	-	54	-	14 28 45.46	0.07	1	...	+	7.343	.374	-	161
310	294	1100	Piazzi IV. 112.....	6.0	36 42.135	1.15	3	3	+	8.0013	.1801	+	116	+	75 46 44.20	1.88	3	9	+	7.047	1.092	-	131
311	296	1107	r Tauri.....	4.3	4 36 50.468	1.84	5	...	+	3.5973	+.0119	+	4	+	22 47 5.88	2.06	4	...	+	7.115	- .493	-	22
312	...	1109	95 Tauri.....	6.4	37 46.725	1.00	2	...	+	3.6275	.0122	+	10	+	23 55 8.27	1.02	1	...	+	7.038	.498	-	28
313	...	...	B. D. + 23° 738....	8.3	38 55.010	0.32	3	...	+	3.6279	.0125	...	...	+	23 54 58.45	0.32	3	...	+	6.945	.496	...	...
314	...	...	B. D. + 23° 739....	6.2	40 16.430	2.13	1	...	+	3.6179	.0117	+	5	+	23 27 46.67	2.13	1	...	+	6.834	.499	+	4
315	298	1117	4 Camelopardi	5.4	40 29.936	0.25	1	2	+	4.9785	.0395	+	65	+	56 35 53.13	0.21	1	2	+	6.814	.686	-	148
316	299	1123	μ Eridani.....	4.2	4 41 0.106	1.07	6	...	+	2.9973	+.0054	+	13	-	3 25 7.98	2.36	4	...	+	6.774	- .414	-	10
317	303	1140	π ¹ Orionis	3.2	44 57.252	0.60	2	...	+	3.2235	.0071	+	316	+	6 48 16.95	0.97	3	...	+	6.447	.456	+	20
318	302	1139	α Camelopardi	4.3	45 5.790	1.59	...	1	+	5.9410	.0676	+	12	+	66 11 28.01	1.87	...	5	+	6.436	.821	+	5
319	...	...	Groombridge 884....	6.5	45 6.090	0.12	1	...	+	4.3692	.0238	+	369	+	45 41 39.02	0.12	1	...	+	6.435	.605	-	563
320	304	1143	i Tauri.....	5.1	46 6.460	1.57	2	...	+	3.5013	.0097	+	59	+	18 41 17.54	3.09	1	...	+	6.351	.488	-	36
321	305	1147	π ³ Orionis	3.8	4 46 24.700	3.10	3	...	+	3.1936	+.0067	-	3	+	5 27 7.26	3.10	3	...	+	6.327	- .444	-	6
322	...	...	Piazzi IV. 211.....	6.0	47 9.700	2.90	1	...	+	3.7403	.0124	+	33	+	27 44 56.21	2.90	1	...	+	6.264	.522	-	37
323	...	...	Lalande 9136	6.6	48 8.235	9.98	1	...	+	3.6165	.0108	-	18	+	23 10 0.08	9.98	1	...	+	6.183	.504	-	1
324	...	...	B. D. + 23° 761....	7.9	48 45.730	1.57	2	...	+	3.6351	.0112	...	...	+	23 51 7.34	1.57	2	...	+	6.132	.505	...	...
325	...	...	B. D. + 23° 763....	7.9	49 10.400	0.99	1	...	+	3.6355	.0112	...	...	+	23 47 28.16	0.99	1	...	+	6.097	.505	...	...
326	...	...	B. D. + 23° 770....	9.0	4 50 39.410	1.57	2	...	+	3.6367	+.0112	...	...	+	23 51 40.29	1.57	2	...	+	5.974	- .505	...	...
327	309	1167	ι Aurigæ	2.9	51 7.809	9.91	7	...	+	3.9023	.0141	+	7	+	33 1 27.42	0.71	6	...	+	5.933	.545	-	27
328	...	1175	99 Tauri.....	6.1	52 20.847	9.98	1	...	+	3.6367	.0105	+	4	+	23 48 32.04	9.98	1	...	+	5.832	.509	-	25
329	311	1177	k Tauri.....	5.7	52 38.846	0.78	3	...	+	3.6666	.0108	+	22	+	24 54 43.76	0.78	3	...	+	5.807	.514	-	60
330	...	...	Piazzi IV. 207.....	6.0	53 18.520	2.57	...	1	+	7.5198	.1213	+	28	+	73 56 8.52	2.55	...	3	+	5.753	1.050	-	24
331	...	...	Piazzi IV. 242.....	8.0	4 55 21.260	0.13	1	...	+	5.3221	+.0403	...	...	+	60 17 29.55	0.13	1	...	+	5.580	- .748	...	...
332	312	1185	β Camelopardi	4.2	55 24.377	0.95	6	4	+	5.3242	.0407	+	3	+	60 18 42.08	0.95	5	4	+	5.575	.746	-	13
333	313	1187	ε Aurigæ	var.	55 30.395	3.05	4	...	+	4.2990	.0192	+	5	+	43 41 27.59	3.05	4	...	+	5.567	.604	-	13
334	314	1190	ζ Aurigæ	3.9	56 11.100	3.04	1	...	+	4.1873	.0172	+	10	+	40 56 41.65	3.04	1	...	+	5.510	.589	-	30
335	316	1194	ι Tauri.....	4.7	57 42.857	0.03	2	...	+	3.5786	.0092	+	48	+	21 27 42.64	0.05	4	...	+	5.381	.506	-	47
336	...	...	Lalande 9484	6.5	4 59 0.260	3.05	1	...	+	3.7457	+.0106	-	1	+	27 34 15.77	3.05	1	...	+	5.272	- .529	-	75
337	...	...	B. D. + 27° 724....	9.2	59 14.890	1.77	1	...	+	3.7461	.0106	...	...	+	27 35 47.92	1.77	1	...	+	5.252	.529	...	...
338	318	1203	ιι Orionis	4.7	59 25.536	9.14	1	...	+	3.4250	.0076	+	13	+	15 16 45.36	0.30	4	...	+	5.237	.484	-	36
339	320	1211	ε Leporis	3.3	5 1 39.059	0.95	9	...	+	2.5370	.0031	+	19	-	22 29 29.22	1.54	6	...	+	5.049	.360	-	67
340	...	1216	103 Tauri	5.5	2 37.560	0.13	1	...	+	3.6529	.0094	+	2	+	24 8 48.66	0.13	1	...	+	4.966	.518	-	11
341	322	1220	β Eridani.....	2.8	5 3 25.440	1.03	1	...	+	2.9545	+.0043	-	59	-	5 12 7.69	2.16	2	...	+	4.898	- .418	-	79
342	...	1223	Bradley 718.....	5.9	4 1.540	3.03	1	...	+	2.8722	.0040	0	...	+	8 46 52.94	3.03	1	...	+	4.847	.408	-	14
343	...	...	W. B. (2) IV. 1421..	6.0	4 6.010	2.30	2	...	+	3.7597	.0101	...	...	+	27 55 0.34	2.30	2	...	+	4.841	.534	...	...
344	325	1231	λ Eridani.....	4.3	4 50.380	1.26	5	...	+	2.8700	.0040	+	2	-	8 52 8.01	1.26	5	...	+	4.778	.408	-	8
345	...	...	B. D. + 24° 774....	8.8	5 22.885	1.57	2	...	+	3.6587	.0094	...	...	+	24 17 29.02	1.57	2	...	+	4.733	.518	...	...
346	...	...	B. D. + 24° 776....	9.0	5 5 49.720	1.57	2	...	+	3.6591	+.0094	...	...	+	24 17 57.59	1.57	2	...	+	4.696	- .518	...	...
347	327	1236	μ Aurigæ	5.2	7 16.051	1.07	2	...	+	4.1030	.0133	-	15	+	38 22 43.70	1.07	2	...	+	4.572	.583	-	74
348	...	...	B. D. + 24° 787....	7.8	7 33.795	1.57	2	...	+	3.6600	.0094	...	...	+	24 17 22.60	1.57	2	...	+	4.547	.518	...	...
349	326	1235	Piazzi IV. 269.....	5.2	7 42.029	0.29	2	2	+	9.8518	.1923	-	279	+	79 7 45.58	0.29	2	2	+	4.535	1.388	+	155
350	...	...	B. D. + 79° 168....	9.0	7 44.330	0.06	1	...	+	9.8543	.1923	+	140	+	79 7 31.35	0.06	1	...	+	4.533	1.401	+	150

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No.	Number in		Star's Name.	Magnitude.	Mean R.A., 1910.0.	Mean Date of Obs., 1910+.	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion, Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs., 1910+.	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion, Unit "0001.
	Newcomb's Fundamental Catalogue, 1900.	Boss's P. G. C., 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
351	328	1241	μ Leporis	3.3	5 8 53.308	1.56	4	...	+ 2.6911	+ .0033	+ 28	-16 18 41.74	1.56	4	...	+ 4.433	- .385	- 28
352	...	1243	Bradley 729.....	6.6	9 13.650	3.05	1	...	2.8834	.0039	+ 3	- 8 15 12.06	3.05	1	...	4.405	.412	- 10
353	330	1250	Rigel	0.0	10 12.749	0.27	6	...	2.8820	.0039	+ 1	- 8 18 18.78	0.53	15	...	4.321	.412	- 1
354	332	1259	λ Aurigæ	4.8	12 48.510	3.12	3	...	4.1710	.0117	+ 460	+40 1 12.08	3.12	3	...	4.098	.610	- 657
355	333	1262	τ Orionis	3.7	13 14.150	2.04	2	...	2.9132	.0039	- 11	- 6 56 28.46	2.04	2	...	4.062	.417	- 7
356	335	1270	σ Columbæ.....	5.0	5 14 14.258	9.14	1	...	+ 2.1559	+ .0024	+ 65	-34 58 57.81	9.14	1	...	+ 3.976	- .311	- 346
357	...	...	B. D. + 25° 818....	7.9	14 46.010	2.13	1	...	3.6858	.0082	...	+25 4 45.94	2.13	1	...	3.930	.532	...
558	...	1273	Mayer 209	6.5	15 20.150	1.89	4	...	3.7658	.0085	- 19	+27 51 59.86	1.89	4	...	3.882	.539	- 30
359	336	1277	λ Leporis	4.3	15 25.690	3.07	2	...	2.7633	.0034	0	-13 16 8.51	3.07	2	...	3.874	.397	+ 3
360	...	...	Groombridge 948....	7.2	15 55.400	1.51	...	1	7.7956	.0885	+ 34	+74 28 22.02	1.51	...	2	3.834	1.115	+ 41
361	...	1280	Radcliffe 1458.....	6.0	5 16 30.965	0.09	2	...	+ 4.2111	+ .0125	- 3	+40 56 29.31	0.09	2	...	+ 3.781	- .604	+ 2
362	...	1283	Bradley 750.....	5.8	16 56.310	3.14	1	...	3.0609	.0042	- 7	- 0 30 18.06	3.14	1	...	3.745	.439	+ 3
363	338	1284	η Orionis.....	4.7	17 9.995	3.08	2	...	3.0617	.0042	- 3	- 0 28 14.88	3.08	2	...	3.725	.440	- 3
364	340	1301	η Orionis.....	3.4	19 57.147	1.33	4	...	3.0156	.0039	+ 4	- 2 28 45.99	1.12	5	...	3.486	.434	+ 1
365	341	1302	ψ Orionis.....	4.9	20 4.525	3.09	4	...	3.1130	.0042	- 7	+ 1 45 52.92	3.09	4	...	3.474	.448	- 18
366	342	1303	γ Orionis.....	1.6	5 20 18.224	1.10	2	...	+ 3.2172	+ .0046	- 5	+ 6 16 7.89	1.10	2	...	+ 3.455	- .463	- 19
367	343	1304	β Tauri.....	1.8	20 36.083	9.84	8	...	3.7884	.0076	+ 24	+28 31 55.75	0.59	7	...	3.427	.546	- 177
368	344	1309	17 Camelopardi.....	5.9	21 39.855	1.79	1	1	5.6580	.0298	+ 8	+62 59 35.19	1.64	1	5	3.338	.814	- 1
369	...	...	118 Tauri (comes).....	6.6	23 43.930	0.05	1	...	3.6901	.0067	+ 15	+25 4 36.48	1.55	2	...	3.159	.533	- 34
370	...	1320	118 Tauri.....	5.8	23 44.064	0.89	5	...	3.6901	.0067	+ 15	+25 4 41.80	0.89	5	...	3.159	.533	- 34
371	347	1323	β Leporis	2.7	5 24 23.355	1.10	2	...	+ 2.5702	+ .0027	+ 4	-20 49 50.08	1.10	2	...	+ 3.102	- .372	- 94
372	...	...	Radcliffe 1476.....	7.5	25 42.620	1.51	...	1	7.8823	.0711	- 80	+74 37 52.47	1.51	...	2	2.988	1.136	- 170
373	348	1333	χ Aurigæ	4.9	26 52.109	2.24	6	...	3.9030	.0076	+ 5	+32 7 34.46	2.24	6	...	2.888	.563	- 16
374	350	1339	δ Orionis.....	2.2	27 24.450	0.10	5	...	3.0641	.0036	+ 1	- 0 21 54.41	0.88	10	...	2.841	.443	- 3
375	349	1334	Groombridge 966....	6.5	27 40.735	0.87	...	3	8.0058	.0705	- 9	+74 59 9.09	1.03	...	4	2.817	1.155	+ 19
376	354	1347	α Leporis	2.6	5 28 45.603	0.05	3	...	+ 2.6453	+ .0029	+ 1	-17 53 (11)	...	...	...	+ 2.724	- .383	+ 3
377	355	1353	ϕ Orionis.....	4.5	29 52.770	2.49	3	...	3.2925	.0042	- 1	+ 9 25 46.29	2.49	3	...	2.627	.477	- 8
378	...	1354	121 Tauri.....	5.5	29 57.250	0.06	2	...	3.6619	.0057	+ 5	+23 58 49.51	0.06	2	...	2.621	.530	- 31
379	...	...	Piazzi V. 136	6.5	30 16.580	3.13	1	...	3.7655	.0061	- 13	+27 36 14.60	3.13	1	...	2.593	.545	- 76
380	...	1362	Bradley 801	4.8	30 38.750	2.08	1	...	2.9318	.0032	+ 2	- 6 3 44.12	2.08	1	...	2.560	.425	+ 6
381	357	1363	θ Orionis	4.9	5 30 51.240	2.61	2	...	+ 2.9461	+ .0032	+ 2	- 5 26 54.79	2.61	2	...	+ 2.542	- .427	+ 4
382	358	1365	θ Orionis	5.2	30 57.650	2.13	1	...	2.9454	.0032	+ 9	- 5 28 28.54	2.13	1	...	2.533	.427	+ 15
383	359	1366	ι Orionis	2.9	31 1.740	3.03	1	...	2.9339	.0032	+ 2	- 5 58 6.35	2.40	3	...	2.527	.425	- 4
384	361	1370	ϵ Orionis	1.6	31 38.800	3.05	1	...	3.0433	.0034	0	- 1 15 31.95	3.03	5	...	2.474	.441	- 2
385	356	1360	Groombridge 944	6.5	33 1.880	0.74	1	1	18.7270	.4610	+ 160	+85 9 14.40	1.24	1	11	2.354	2.717	+ 4
386	...	1388	125 Tauri	5.0	5 34 9.470	0.80	1	...	+ 3.7158	+ .0054	+ 23	+25 50 49.47	0.80	1	...	+ 2.255	- .539	- 31
387	364	1389	σ Orionis.....	3.8	34 13.670	0.11	1	...	3.0110	.0032	0	- 2 39 4.99	0.11	1	...	2.249	.437	+ 1
388	366	1398	ζ Orionis	2.1	36 13.000	2.07	3	...	3.0263	.0032	+ 5	- 1 59 22.63	0.69	7	...	2.076	.440	- 7
389	368	1401	α Columbæ.....	2.6	36 23.400	3.07	2	...	2.1718	.0027	+ 3	-34 7 18.26	3.07	2	...	2.061	.316	- 35
390	...	...	Groombridge 993	7.8	38 0.140	3.05	1	...	8.2859	.0532	+ 53	+75 40 50.69	3.05	1	...	1.921	1.202	- 17
391	369	1411	σ Aurigæ	5.5	5 38 55.544	0.60	4	1	+ 4.6465	+ .0092	- 3	+49 47 16.57	0.72	3	1	+ 1.840	- .675	- 8
392	370	1420	γ Leporis	3.8	40 42.660	1.62	2	...	2.5215	.0020	- 201	-22 28 38.85	2.10	3	...	1.686	.361	- 376
393	371	1424	130 Tauri	5.7	42 11.300	2.59	2	...	3.4977	.0037	+ 2	+17 41 45.13	0.84	4	...	1.556	.509	- 10
394	372	1432	κ Leporis.....	3.7	42 52.670	1.61	2	...	2.7191	.0025	- 12	-14 51 18.23	1.30	4	...	1.496	.395	+ 2
395	373	1435	ζ Orionis	2.2	43 29.288	1.57	7	...	2.8447	.0026	+ 2	- 9 42 3.92	1.41	7	...	1.443	.414	- 5
396	...	1434	132 Tauri	5.0	5 43 29.510	0.80	1	...	+ 3.6811	+ .0039	+ 3	+24 32 16.24	0.80	1	...	+ 1.442	- .536	- 36
397	...	...	W. B. (2) V. 1341-2	7.0	43 58.964	3.09	1	...	3.7671	.0040	...	+27 31 22.77	3.09	1	...	1.400	.548	...
398	374	1442	ν Aurigæ.....	4.2	45 15.110	0.06	1	...	4.1572	.0051	- 4	+39 7 22.70	0.06	1	...	1.289	.605	+ 6
399	...	1444	Piazzi V. 236.....	5.8	45 17.850	3.05	2	...	3.7799	.0040	- 7	+27 56 28.44	3.05	2	...	1.285	.550	0
400	377	1453	ξ Aurigæ	4.9	47 18.224	2.52	7	...	5.0277	.0077	- 9	+55 41 12.46	2.92	6	...	1.110	.732	+ 12

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No.	Number in		Star's Name.	Magnitude.	Mean R.A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Preces- sion, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "001.
	Newcomb's Fundamental Catalogue, 1900.	Boss's P. G. C., 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
401	378	1456	δ Leporis.....	3.9	h m s 5 47 27.015	1.61	2	...	+ 2.5633	+ .0014	+ 171	-20 53 10.69	1.61	2	...	+ 1.097	-.378	- 653
402	...	1457	136 Tauri.....	4.7	47 40.200	2.90	1	...	3.7700	.0036	+ 9	+27 35 31.86	2.90	1	...	1.078	.549	- 18
403	382	1468	α Orionis	0.9	50 17.930	0.99	8	...	3.2458	.0026	+ 19	+ 7 23 27.29	1.33	11	...	0.849	.474	+ 8
404	...	...	Piazz V. 266.....	6.4	50 50.750	3.21	1	...	3.8105	.0030	...	+28 55 43.47	3.21	1	...	0.800	.555	...
405	383	1472	δ Aurigæ.....	3.8	52 6.952	2.07	2	4	4.9298	.0046	+ 98	+54 16 43.34	2.21	2	4	0.689	.721	- 126
406	385	1476	η Leporis.....	3.7	5 52 18.377	3.11	3	...	+ 2.7349	+ .0024	- 28	-14 11 0.86	3.11	3	...	+ 0.673	-.398	+ 132
407	387	1478	β Aurigæ.....	2.1	52 55.480	1.18	1	...	4.4055	.0036	- 44	+44 56 (21)	...	...	...	0.619	.641	- 5
408	388	1482	θ Aurigæ.....	2.6	53 34.973	1.31	5	...	4.0868	.0028	+ 45	+37 12 25.38	1.31	5	...	0.561	.597	- 90
409	391	1501	μ Orionis	4.2	57 25.892	0.89	4	...	3.2997	.0020	+ 12	+ 9 38 53.02	0.89	4	...	0.225	.481	- 29
410	393	1508	1 Geminorum	4.3	5 58 38.939	1.58	9	...	3.6472	.0017	- 6	+23 16 8.03	1.46	5	...	+ 0.118	.532	- 108
411	394	1514	66 Orionis	5.9	6 0 13.040	1.87	4	...	+ 3.1698	+ .0018	- 2	+ 4 9 51.56	1.87	4	...	- 0.019	-.462	- 12
412	...	...	Lalande 11501.....	6.3	0 37.717	3.00	3	...	3.8293	.0014	...	+29 31 12.60	3.00	3	...	0.055	.558	...
413	396	1525	ν Orionis	4.4	2 25.994	1.68	9	...	3.4252	.0015	+ 6	+14 46 47.03	1.56	6	...	0.213	.499	- 36
414	401	1548	ξ Orionis	4.4	6 49.380	3.07	2	...	3.4113	+ .0011	+ 6	+14 13 46.16	3.07	2	...	0.597	.497	- 34
415	402	1556	Piazz V. 335.....	4.7	8 55.817	2.51	1	2	6.6164	- .0102	+ 22	+69 21 11.11	2.61	1	2	0.781	.964	- 109
416	405	1561	η Geminorum.....	var.	6 9 26.681	1.32	5	...	+ 3.6266	+ .0005	- 45	+22 32 1.01	1.54	9	...	- 0.826	.526	- 17
417	...	1565	κ Aurigæ.....	4.5	9 38.592	1.84	4	...	3.8290	- .0004	- 49	+29 31 55.15	1.84	4	...	0.844	.556	- 266
418	407	1577	λ Orionis	5.1	11 23.405	1.61	2	...	3.3635	+ .0010	+ 60	+12 17 52.50	1.61	2	...	0.996	.491	+ 193
419	406	1575	2 Lynceis.....	4.4	11 40.938	0.82	2	4	5.2978	- .0054	- 7	+59 2 40.23	0.78	2	5	1.021	.771	+ 21
420	...	...	B. D. + 24° 1188...	9.0	11 42.010	2.00	1	...	3.6857	.0008	...	+24 40 34.71	2.00	1	...	1.023	.532	...
421	...	...	B. D. + 24° 1206...	8.0	6 14 33.320	2.00	1	...	+ 3.6832	- .0010	...	+24 36 15.33	2.00	1	...	- 1.274	-.517	...
422	410	1598	7 Monocerotis	5.3	15 22.764	3.07	5	...	2.8902	+ .0013	- 5	- 7 47 4.89	3.07	5	...	1.344	.420	- 2
423	...	...	W.B. (2) VI. 316...	6.3	15 27.220	3.13	1	...	3.8294	- .0011	...	+29 34 54.22	3.13	1	...	1.351	.556	...
424	411	1601	ζ Canis Majoris.....	3.1	16 51.560	0.18	1	...	2.3023	+ .0019	+ 6	-30 1 20.82	0.18	1	...	1.473	.334	+ 1
425	412	1604	μ Geminorum	3.2	17 30.963	9.87	4	...	3.6261	- .0007	+ 44	+22 33 37.19	0.66	7	...	1.531	.528	- 113
426	413	1606	ψ ¹ Aurigæ.....	5.0	6 17 58.130	3.18	1	...	+ 4.6234	- .0051	+ 13	+49 20 6.18	3.18	1	...	- 1.570	-.672	- 5
427	...	...	Radcliffe 1707.....	6.0	17 58.683	0.75	2	2	6.8527	- .0222	...	+70 35 7.66	0.61	2	2	1.570	.997	...
428	414	1609	β Canis Majoris.....	1.8	18 44.250	1.07	1	...	2.6421	+ .0016	- 5	-17 54 (38)	...	...	...	1.637	.383	0
429	415	1611	8 Monocerotis	4.5	18 59.990	3.04	1	...	3.1806	+ .0006	- 8	+ 4 38 21.41	1.56	5	...	1.660	.461	- 3
430	417	1627	6 Lynceis.....	6.0	22 58.240	1.12	3	...	5.2195	- .0130	- 13	+58 13 48.40	1.12	3	...	2.006	.756	- 330
431	418	1634	10 Monocerotis	5.1	6 23 30.970	3.21	1	...	+ 2.9631	+ .0009	- 2	- 4 42 21.64	3.21	1	...	- 2.053	-.429	+ 14
432	419	1635	ν Geminorum	4.1	23 37.163	1.32	4	...	3.5635	- .0011	- 6	+20 16 11.50	2.03	9	...	2.063	.516	- 21
433	...	1637	Piazz VI. 42.....	6.9	24 49.339	9.33	2	2	10.3619	.0968	+ 44	+79 40 12.33	9.33	2	2	2.169	1.505	+ 16
434	422	1657	13 Monocerotis	4.5	28 2.267	2.10	6	...	3.2448	.0003	+ 2	+ 7 23 58.00	1.95	7	...	2.372	.469	- 10
435	423	1665	8 Lynceis.....	6.2	29 27.970	1.58	...	5	5.5198	.0200	- 273	+61 33 41.07	1.58	...	7	2.570	.790	- 281
436	...	1668	49 Aurigæ.....	5.1	6 29 32.023	2.04	6	...	+ 3.7800	- .0030	- 4	+28 5 35.02	2.04	6	...	- 2.577	-.545	- 23
437	...	...	Oeltz. Arg. (N.) 6978	6.1	29 54.650	0.27	2	1	7.1087	.0428	...	+71 49 30.43	0.21	2	1	2.609	1.028	...
438	424	1673	Piazz VI. 75.....	5.6	30 53.407	0.28	3	4	10.3327	- .1464	- 269	+79 39 49.83	0.53	5	9	2.694	1.488	- 616
439	425	1682	ξ ² Canis Majoris.....	4.5	31 17.110	1.95	6	...	2.5135	+ .0015	+ 4	-22 53 34.84	1.95	6	...	2.727	.362	+ 13
440	...	...	W. B. (2) VI. 835...	8.5	31 33.200	3.22	1	...	3.4620	- .0026	...	+16 23 48.38	3.22	1	...	2.749	.500	...
441	426	1687	51 Aurigæ.....	5.7	6 32 25.430	0.11	1	...	+ 4.1621	- .0064	- 21	+39 28 17.37	0.11	1	...	- 2.827	-.599	- 116
442	427	1690	γ Geminorum	1.8	32 30.800	3.21	1	...	3.4638	.0017	+ 31	+16 28 36.15	1.64	6	...	2.834	.500	- 47
443	...	1697	54 Aurigæ.....	5.8	33 52.765	1.60	2	...	3.7855	.0037	- 8	+28 20 35.79	1.27	5	...	2.953	.547	- 23
444	...	...	B. D. + 24° 1343...	6.8	34 0.390	2.08	1	...	3.6797	.0038	...	+24 40 28.39	2.08	1	...	2.965	.527	...
445	...	...	B. D. + 24° 1349...	9.0	35 16.300	2.00	1	...	3.6846	.0038	...	+24 51 31.01	2.00	1	...	3.075	.529	...
446	...	...	B. D. + 24° 1353...	8.8	6 35 40.570	2.08	1	...	+ 3.6808	- .0038	...	+24 44 11.76	2.08	1	...	- 3.107	-.527	...
447	430	1706	S Monocerotis.....	4.7	36 1.358	2.35	5	...	3.3048	.0012	+ 2	+ 9 58 46.44	1.61	9	...	3.138	.475	- 7
448	...	...	B. D. + 24° 1369...	8.8	37 30.830	2.00	1	...	3.6680	.0037	...	+24 18 27.03	2.00	1	...	3.268	.525	...
449	...	...	B. D. + 24° 1371...	9.5	37 59.500	2.07	1	...	3.6641	.0037	...	+24 10 20.09	2.07	1	...	3.310	.524	...
450	431	1717	ε Geminorum	3.1	38 23.696	0.80	2	...	3.6932	.0038	0	+25 13 14.40	0.80	2	...	3.343	.530	- 20

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No.	Number in		Star's Name.	Magnitude.	Mean R.A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.
	Newcomb's Fundamental Catalogue, 1900.	Boss's P.G.C., 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
451	...	1722	28 Geminorum.....	5.7	h m s 6 39 3.330	2.97	1	...	+ 3.8044	-.0047	- 3	+29 3 46.15	2.97	1	...	- 3.400	-.546	- 29
452	...	...	B. D. + 24° 1381...	8.9	39 4.720	2.07	1	...	3.6641	.0037	...	+24 10 59.84	2.07	1	...	3.401	.524	...
453	433	1725	ξ Geminorum.....	3.4	40 14.298	1.79	6	...	3.3762	.0022	- 78	+12 59 35.59	2.23	6	...	3.501	.481	- 201
454	432	1724	ψ ⁵ Aurigæ.....	5.3	40 15.193	0.80	3	...	4.3286	.0094	+ 7	+43 40 4.37	0.86	4	...	3.503	.620	+ 158
455	434	1732	Sirius.....	-1.6	41 10.786	9.66	2	...	2.6806	.0008	- 367	-16 35 30.92	9.82	3	...	3.582	.372	-1205
456	435	1740	18 Monocerotis.....	4.7	6 43 10.150	1.58	2	...	+ 3.1301	-.0008	- 4	+ 2 30 40.42	1.58	2	...	- 3.754	-.447	- 25
457	...	...	B. D. + 58° 971...	8.0	43 22.570	1.66	...	1	5.2161	.0269	...	+58 31 8.68	1.66	...	1	3.769	.741	...
458	436	1744	43 Camelopardi.....	5.1	44 0.210	1.49	...	3	6.4890	.0487	+ 19	+68 59 39.11	1.57	...	7	3.826	.929	+ 9
459	437	1748	ψ ⁷ Aurigæ.....	5.2	44 24.310	0.18	1	...	4.2487	.0103	- 16	+41 53 16.67	0.12	2	...	3.860	.606	- 135
460	440	1763	θ Geminorum.....	3.6	46 51.472	0.96	8	...	3.9575	.0075	+ 5	+34 4 14.04	0.98	10	...	4.070	.564	- 54
461	438	1758	Piazzi VI. 201.....	4.8	6 46 57.215	3.08	2	...	+ 8.7828	-.1254	+ 250	+77 5 37.19	1.47	6	...	- 4.079	-1.263	- 14
462	...	...	Nova (2) Geminorum var.	...	49 3.860	2.23	1	...	3.8967	.0069	...	+32 15 13.49	2.23	1	...	4.258	.554	...
463	444	1776	15 Lynceis.....	4.5	49 29.225	0.34	1	1	5.2062	.0269	+ 7	+58 32 30.39	0.58	2	1	4.295	.741	- 134
464	445	1778	e Geminorum.....	4.7	49 34.060	1.67	2	...	3.3809	-.0029	+ 50	+13 17 34.46	1.67	2	...	4.302	.481	- 85
465	446	1783	θ Canis Majoris.....	4.3	50 0.517	9.99	7	...	2.7969	+.0003	- 93	-11 55 31.43	0.92	4	...	4.339	.394	- 15
466	447	1793	i Canis Majoris.....	4.4	6 52 7.450	3.18	1	...	+ 2.6761	+.0007	- 1	-16 56 14.32	3.18	1	...	- 4.520	-.378	+ 11
467	...	...	B. D. + 16° 1352...	7.4	54 40.660	3.09	1	...	3.4464	-.0038	...	+16 3 53.96	3.09	1	...	4.736	.489	...
468	451	1804	e Canis Majoris.....	1.6	55 5.376	9.79	3	...	2.3575	+.0013	+ 1	-28 50 57.49	0.47	3	...	4.772	.332	- 1
469	...	1809	Piazzi VI. 305.....	6.1	57 47.360	3.05	1	...	3.8043	-.0091	+ 120	+29 29 18.40	3.05	1	...	5.002	.539	- 823
470	449	1801	Cephei 51.....	5.3	58 (39)	...	...	...	29.4320	2.8260	- 480	+87 11 31.50	1.32	30	31	5.075	4.136	- 37
471	454	1815	ζ Geminorum.....	var.	6 58 46.310	0.67	2	...	+ 3.5611	-.0053	- 3	+20 42 10.10	1.20	1	...	- 5.084	-.500	- 8
472	455	1817	o ² Canis Majoris.....	3.1	59 16.040	0.09	2	...	2.5054	+.0010	- 5	-23 42 5.90	0.09	2	...	5.126	.351	- 6
473	456	1819	γ Canis Majoris.....	4.1	6 59 (41)	...	...	...	2.7144	+.0004	- 1	-15 30 1.00	2.16	1	...	5.162	.380	- 14
474	...	...	B. D. + 26° 1453...	8.3	7 0 31.570	0.21	1	...	3.7012	-.0067	...	+25 57 30.52	0.21	1	...	5.232	.521	...
475	...	...	Lalande (F.) 1008...	7.5	1 46.410	3.05	1	...	7.2406	.0971	...	+72 49 13.90	3.05	1	...	5.341	1.018	...
476	458	1835	45 Geminorum.....	5.6	7 3 12.420	0.88	7	...	+ 3.4430	-.0047	- 7	+16 4 30.06	0.90	8	...	- 5.459	-.481	- 111
477	460	1839	δ Canis Majoris.....	2.0	4 43.965	0.58	2	...	2.4396	+.0011	- 4	-26 14 59.05	0.58	2	...	5.587	.339	+ 2
478	...	1843	.47 Geminorum.....	5.9	5 48.260	2.16	1	...	3.7257	-.0081	- 13	+27 0 18.27	2.16	1	...	5.677	.519	- 49
479	...	...	B. D. + 20° 1728...	8.6	6 (23)	...	...	...	3.4700	.0060	...	+20 50 58.63	9.10	1	...	5.725	.497	...
480	462	1853	22 Monocerotis.....	4.1	7 16.090	0.18	1	...	3.0648	.0016	+ 2	- 0 20 36.42	0.18	1	...	5.800	.426	+ 11
481	...	...	Lalande (F.) 1006...	7.3	7 7 35.510	0.63	...	1	+10.9575	-.3270	...	+80 47 21.17	0.63	...	1	- 5.829	-1.535	...
482	464	1856	51 Geminorum.....	5.3	8 12.238	1.31	6	...	3.4465	.0051	+ 8	+16 18 44.31	0.61	6	...	5.878	.478	- 50
483	...	1868	53 Geminorum.....	6.1	10 20.090	3.05	1	...	3.7515	.0090	- 14	+28 3 17.66	3.05	1	...	6.056	.519	- 9
484	...	...	Mayer 301.....	6.5	11 (29)	...	...	...	3.7165	.0090	+ 58	+26 51 6.15	1.04	1	...	6.152	.515	- 134
485	...	...	Lalande (F.) 1027-8.	7.3	11 40.450	0.11	1	...	9.2809	.2271	0	+78 25 28.76	0.11	1	...	6.167	1.291	- 80
486	467	1871	Piazzi VI. 292.....	5.1	7 12 11.690	0.70	...	1	+12.8395	-.5213	+ 27	+82 35 13.81	1.94	...	3	- 6.212	-1.790	- 45
487	469	1886	λ Geminorum.....	3.5	12 55.350	3.21	1	...	3.4534	.0057	- 33	+16 42 12.68	3.21	1	...	6.272	.475	- 48
488	...	...	W. B. (2) VII. 327..	8.0	14 1.170	1.03	1	...	3.5895	.0074	...	+22 11 20.53	1.03	1	...	6.380	.493	...
489	471	1898	δ Geminorum.....	3.4	14 44.895	1.31	5	...	3.5879	.0074	- 13	+22 8 55.53	1.34	4	...	6.422	.493	- 17
490	...	...	Oeltz, Arg. (N.) 7736	9.0	15 29.560	1.07	1	...	7.4721	.1321	...	+73 57 28.70	1.07	2	...	6.485	1.032	...
491	...	1905	Bradley 1054.....	7.2	7 15 30.460	0.18	1	...	+ 4.9093	-.0335	+ 3	+55 27 16.94	0.18	1	...	- 6.486	-.676	- 29
492	473	1906	19 Lynceis.....	5.6	15 31.777	1.67	2	1	4.9090	.0335	+ 2	+55 27 6.46	0.77	1	1	6.488	.676	- 38
493	475	1919	66 Aurigæ.....	5.5	17 54.640	2.64	2	...	4.1619	.0173	+ 1	+40 50 47.62	2.64	2	...	6.684	.570	- 24
494	...	1926	59 Geminorum.....	5.9	18 57.497	2.36	3	...	3.7361	-.0101	+ 10	+27 48 45.42	2.36	3	...	6.771	.511	+ 15
495	477	1934	η Canis Majoris.....	2.3	20 32.020	2.19	2	...	2.3734	+.0011	- 7	-29 7 36.88	2.19	2	...	6.900	.322	+ 4
496	...	...	B. D. + 8° 1768....	8.6	7 21 32.390	9.08	1	...	+ 3.2598	-.0042	...	+ 8 30 (56)	...	...	...	- 6.982	-.443	...
497	479	1944	β Canis Minoris.....	3.1	22 16.223	0.94	6	...	3.2589	.0043	- 34	+ 8 28 16.69	1.23	7	...	7.042	.441	- 43
498	481	1952	ρ Geminorum.....	4.2	23 19.413	0.84	3	...	3.8520	.0124	+ 117	+31 57 50.82	0.84	3	...	7.129	.526	+ 183
499	482	1962	6 Canis Minoris.....	4.9	24 47.294	2.00	5	...	3.3418	.0054	+ 2	+12 11 36.09	2.45	4	...	7.248	.452	- 19
500	...	...	W. B. (2) VII. 704..	6.4	27 27.160	9.91	1	...	3.6010	.0092	- 10	+23 4 48.41	9.91	1	...	7.465	.484	- 7

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No.	Number in		Star's Name.	Magnitude.	Mean R.A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Vari- ation, 1910.0.	Annual Proper Motion. Unit s.0001.	Mean Declination. 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Preces- sion, 1910.0.	Secular Vari- ation, 1910.0.	Annual Proper Motion. Unit "001.
	Newcomb's Fundamental Catalogue. 1900.	Boss's P.G.C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
501	...	1979	α^1 Geminorum.....	2.9	h m s 7 28 51.278	0.40	4	...	+ 3.8482	- .0137	- 135	+32 5 7.97	0.42	4	...	- 7.578	- .513	- 110
502	484	1979	Castor.....	2.0	28 51.574	1.44	7	...	3.8482	.0137	- 135	+32 5 12.70	0.83	6	...	7.578	.513	- 110
503	485	1987	ν Geminorum.....	4.2	30 22.675	1.38	4	...	3.7038	.0114	- 20	+27 5 46.95	1.34	6	...	7.702	.495	- 116
504	488	1999	25 Monocerotis.....	5.2	32 48.257	0.82	3	...	2.9886	.0020	- 47	- 3 54 34.30	0.82	3	...	7.898	.396	+ 18
505	489	2001	σ Geminorum.....	4.9	33 17.660	2.46	4	...	3.9252	.0161	- 22	+34 47 29.48	2.46	4	...	7.936	.522	- 122
506	492	2008	Procyon	0.5	7 34 35.453	0.40	4	...	+ 3.1893	- .0055	- 467	+ 5 27 22.07	0.17	4	...	- 8.040	- .409	- 1029
507	493	2010	24 Lyncis.....	5.0	35 23.840	1.08	2	...	5.1005	.0502	- 39	+58 55 18.94	1.08	2	...	8.106	.678	- 61
508	...	...	W. B. (2) VII. 955..	6.3	35 35.328	9.91	1	...	3.5969	.0101	+ 11	+23 13 38.15	9.91	1	...	8.120	.476	+ 7
509	494	2021	γ Monocerotis.....	4.1	36 56.865	1.70	2	...	2.8721	.0013	- 15	- 9 20 27.09	1.47	4	...	8.229	.377	- 24
510	...	2028	ϵ Geminorum.....	5.6	38 37.637	2.65	3	...	3.6648	.0117	- 15	+25 59 56.44	2.56	2	...	8.363	.482	- 27
511	495	2029	κ Geminorum.....	3.5	7 39 0.950	3.22	1	...	+ 3.6285	- .0111	- 16	+24 36 52.54	3.22	1	...	- 8.394	- .477	- 62
512	496	2031	Pollux	1.2	39 48.590	3.22	2	...	3.7234	.0128	- 471	+28 14 38.68	1.44	5	...	8.456	.477	- 57
513	...	2034	Piazzi VII. 132.....	6.8	41 26.540	1.07	1	...	10.2840	.4255	- 1914	+80 29 34.19	1.07	1	...	8.585	1.312	+ 65
514	498	2049	π Geminorum.....	5.3	41 42.370	1.70	2	...	3.8755	.0165	+ 3	+33 38 14.51	1.70	2	...	8.607	.507	- 40
515	499	2051	4 Puppis.....	5.1	41 48.305	1.18	2	...	2.7640	.0004	- 12	- 14 20 40.25	1.18	2	...	8.615	.360	+ 3
516	...	...	B. D. + 33° 1589...	8.0	7 42 36.540	3.25	1	...	+ 3.8696	- .0164	...	+33 29 39.17	3.25	1	...	- 8.680	- .506	...
517	502	2065	ξ Argus.....	3.5	45 30.545	1.48	7	...	2.5235	+ .0008	- 5	- 24 38 0.18	1.86	7	...	8.906	.326	+ 1
518	...	...	Groombridge 1370...	7.5	47 8.185	0.41	1	1	6.7260	- .1426	- 5	+71 54 56.34	0.36	1	1	9.033	.880	+ 1
519	504	2075	9 Puppis.....	5.3	47 36.272	0.42	4	...	2.7829	.0010	- 41	- 13 39 31.10	0.42	4	...	9.070	.357	- 339
520	505	2078	ϕ Geminorum.....	5.0	47 59.455	0.21	2	...	3.6793	.0133	- 22	+26 59 57.49	1.20	3	...	9.100	.474	- 37
521	506	2079	26 Lyncis.....	5.8	7 48 9.730	1.71	2	...	+ 4.3852	- .0316	- 42	+47 47 55.68	1.71	2	...	- 9.114	- .566	- 8
522	507	2084	Groombridge 1374...	5.6	49 26.575	1.92	1	1	7.2557	.1848	- 20	+74 9 33.71	1.17	1	9	9.213	.940	- 33
523	...	2088	Piazzi VII. 187.....	5.3	50 40.490	0.13	1	...	9.6030	.4073	- 116	+79 43 39.24	0.13	1	...	9.309	1.243	- 60
524	511	2098	1 Cancri	6.0	51 53.020	2.38	6	...	3.4116	.0086	- 19	+16 1 52.49	2.38	6	...	9.402	.436	- 49
525	513	2105	53 Camelopardi	6.0	54 1.522	1.13	3	3	5.1542	.0638	- 19	+60 34 17.12	1.16	3	3	9.568	.658	- 22
526	...	...	W. B. (2) VII. 1439	8.0	7 55 0.520	3.22	1	...	+ 3.6260	- .0132	...	+ 25 16 (54)	...	...	...	- 9.641	- .458	...
527	515	2117	ω^1 Cancri.....	5.9	55 29.244	0.53	8	...	3.6343	.0133	+ 10	+ 25 38 23.09	0.60	9	...	9.679	.461	- 1
528	...	2121	ω^2 Cancri.....	6.6	56 18.205	3.22	2	...	3.6256	.0132	- 9	+ 25 20 17.20	3.22	2	...	9.742	.458	+ 12
529	...	...	W. B. (2) VII. 1504-5	6.4	57 40.468	1.45	2	...	3.6963	.0150	...	+ 28 10 53.23	2.98	1	...	9.846	.465	...
530	517	2131	6 Cancri	5.0	7 57 59.624	2.38	5	...	3.6922	.0150	- 15	+ 28 2 49.95	1.28	9	...	9.871	.465	- 52
531	520	2145	27 Lyncis.....	4.8	8 1 41.482	0.67	2	3	+ 4.5352	- .0417	- 58	+ 51 46 1.14	0.67	2	3	- 10.151	- .566	- 8
532	521	2146	μ Cancri	5.4	2 28.230	0.10	1	...	3.5335	- .0120	+ 18	+ 21 50 36.03	0.82	3	...	10.210	.440	- 81
533	523	2153	ρ Argus.....	2.9	3 42.745	9.13	1	...	2.5611	+ .0010	- 65	- 24 2 38.06	9.67	2	...	10.302	.314	+ 45
534	522	2150	55 Camelopardi	5.6	3 52.136	2.11	2	5	6.0193	- .1199	+ 8	+ 68 44 23.84	2.13	2	7	10.315	.752	+ 5
535	...	2157	ψ^2 Cancri.....	6.1	5 2.070	2.16	2	...	3.6243	.0147	- 51	+ 25 46 51.51	2.16	2	...	10.402	.447	- 354
536	526	2168	ζ^1 Cancri.....	5.1	8 7 3.120	0.10	1	...	+ 3.4399	- .0106	+ 46	+ 17 55 11.16	0.10	1	...	- 10.552	- .424	- 140
537	527	2174	Bradley 1147	5.7	8 15.907	1.54	6	1	7.6260	.2580	+ 67	+ 76 1 58.18	0.12	6	1	10.643	.946	+ 12
538	...	...	W. B. (2) VIII. 85..	6.4	8 21.810	0.14	1	...	3.5627	.0133	- 17	+ 23 24 32.64	0.14	1	...	10.650	.435	- 21
539	518	2135	Groombridge 1119...	7.0	8 (41)	...	...	...	62.2530	32.8320	- 330	+ 88 54 16.62	1.67	14	26	10.673	7.666	+ 7
540	528	2183	20 Puppis.....	5.1	9 11.795	0.74	2	...	2.7589	.0004	- 9	- 15 31 0.32	0.74	2	...	10.712	.336	- 7
541	529	2195	β Cancri.....	3.8	8 11 38.210	3.21	1	...	+ 3.2596	- .0072	- 35	+ 9 27 48.26	1.74	7	...	- 10.891	- .394	- 54
542	531	2202	χ Cancri.....	5.2	14 36.000	0.50	6	...	3.6517	.0167	- 9	+ 27 30 34.25	0.50	6	...	11.108	.439	- 388
543	...	2206	λ Cancri.....	5.9	15 11.193	1.54	3	...	3.5741	.0143	- 11	+ 24 18 22.69	1.54	3	...	11.151	.429	- 31
544	533	2208	31 Lyncis.....	4.4	16 40.641	0.84	3	...	4.1209	.0315	- 8	+ 43 28 38.74	0.84	3	...	11.259	.494	- 107
545	534	2218	δ^1 Cancri.....	5.9	18 12.730	3.19	1	...	3.4434	.0114	- 39	+ 18 37 18.55	2.05	4	...	11.370	.408	- 32
546	...	2227	1 Hydrae.....	5.7	8 20 (6)	...	...	...	+ 3.0064	- .0033	- 143	- 3 27 32.92	2.16	2	...	- 11.505	- .351	- 29
547	536	2237	30 Monocerotis.....	4.0	21 9.860	0.86	3	...	3.0037	.0033	- 44	- 3 36 44.80	0.52	6	...	11.581	.352	- 25
548	537	2247	σ Ursæ Majoris	3.5	22 47.643	1.63	3	4	5.0320	.0768	- 167	+ 61 1 10.53	1.26	3	9	11.697	.589	- 114
549	...	2251	ν^2 Cancri.....	6.1	23 16.777	1.24	4	...	3.5651	.0150	- 20	+ 24 26 39.15	1.24	4	...	11.732	.417	- 71
550	538	2253	29 Cancri.....	5.9	23 36.113	1.48	3	...	3.3526	.0098	- 9	+ 14 30 34.21	1.48	3	...	11.754	.392	- 18

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No.	Number in		Star's Name.	Magnitude.	Mean R. A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination. 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "001.
	Newcomb's Fundamental Catalogue. 1900.	Boss's P.G.C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
551	...	2263	ν^3 Cancri	5.7	8 26 11.355	1.48	2	...	+ 3.5592	-.0152	- 62	+24 23 7.20	1.48	2	...	-11.937	-.411	- 63
552	...	...	Lalande F. 1321.....	6.3	26 21.915	0.14	2	...	7.0860	.2465	...	+75 1 54.47	0.14	2	...	11.948	.825	...
553	542	2265	θ Cancri	5.8	26 28.005	2.18	5	...	3.4293	.0119	- 37	+18 23 56.21	2.18	4	...	11.957	.396	- 69
554	543	2268	Groombridge 1450....	6.1	27 4.200	1.18	3	...	3.9187	.0268	- 90	+38 19 32.06	1.18	3	...	11.999	.453	- 175
555	...	...	B. D. + 20° 2108....	8.5	27 27.960	1.26	1	...	3.4712	.0130	...	+20 27 9.38	1.26	1	...	12.026	.400	...
556	544	2271	η Cancri	5.5	8 27 30.335	1.69	4	...	+ 3.4775	-.0132	- 26	+20 44 50.88	1.81	5	...	-12.030	-.401	- 54
557	...	2275	32 Cancri	6.4	27 41.010	1.03	6	...	3.5570	.0153	- 47	+24 23 28.97	1.03	6	...	12.042	.409	- 65
558	...	...	Lalande F. (2) 84....	8.6	28 36.280	9.73	...	1	6.7902	.2201	...	+73 58 0.05	9.73	...	1	12.102	.783	...
559	545	2278	Groombridge 1446....	6.5	29 43.425	9.79	3	2	6.7601	.2216	- 43	+73 56 43.17	0.24	3	4	12.184	.782	- 105
560	546	2293	Piazzi VIII. 105....	6.0	32 37.822	1.31	1	3	4.4684	.0518	- 26	+53 1 40.23	1.09	3	1	12.385	.508	- 32
561	547	2295	δ Hydræ	4.2	8 32 53.586	0.45	3	...	+ 3.1832	-.0066	- 49	+ 6 1 4.83	1.17	5	...	-12.403	-.359	- 11
562	...	...	W. B. (2) VIII. 736.	6.8	33 27.984	9.91	1	...	3.5392	.0156	- 51	+24 0 19.36	9.91	1	...	12.442	.398	- 193
563	548	2302	σ Hydræ	4.6	34 3.290	1.25	2	...	3.1394	.0058	- 12	+ 3 39 28.21	1.25	2	...	12.482	.353	- 20
564	551	2315	6 Hydræ	5.2	35 45.750	0.17	1	...	2.8486	.0010	- 59	-12 9 25.64	0.17	1	...	12.599	.317	- 4
565	...	...	Lalande (F.) 1357 ...	7.5	37 43.390	0.33	2	1	6.3894	.1987	- 200	+72 42 44.15	0.24	3	1	12.732	.719	- 30
566	554	2327	γ Cancri	4.7	8 38 4.785	1.61	9	...	+ 3.4847	-.0143	- 73	+21 47 33.64	1.57	14	...	-12.757	-.386	- 50
567	557	2342	α Mali	3.7	39 58.580	0.17	1	...	2.4112	+.0028	- 9	-32 51 41.72	0.17	1	...	12.883	.264	+ 6
568	558	2348	ι Cancri	4.2	41 15.204	0.16	2	...	3.6394	-.0195	- 15	+29 5 22.26	0.16	2	...	12.969	.400	- 50
569	559	2354	ϵ Hydræ	3.5	42 0.642	2.36	4	...	3.1928	.0071	- 127	+ 6 44 58.03	1.48	6	...	13.019	.346	- 54
570	...	2350	Groombridge 1463....	7.8	42 22.600	1.67	...	1	9.0517	.5688	- 72	+80 22 2.03	1.67	...	2	13.044	1.007	- 4
571	562	2365	14 Hydræ	5.3	8 44 50.423	1.20	3	...	+ 3.0179	-.0036	- 14	- 3 6 31.90	1.20	3	...	-13.207	-.326	- 24
572	...	...	W. B. (2) VIII. 1094	8.7	46 56.220	3.13	1	...	3.4204	.0127	...	+19 13 58.41	3.13	1	...	13.347	.382	...
573	...	2378	ρ^1 Cancri	6.5	47 4.250	2.98	1	...	3.6159	.0195	- 12	+28 35 50.49	2.98	1	...	13.353	.388	- 15
574	565	2380	ρ^2 Cancri	6.3	47 14.340	1.43	4	...	3.6173	.0196	- 365	+28 40 30.10	1.43	4	...	13.364	.381	- 245
575	...	...	σ^2 Cancri (North star)..	6.4	48 45.310	0.18	1	...	3.6656	.0216	+ 30	+30 55 15.45	0.18	1	...	13.462	.392	- 33
576	566	2384	σ^2 Cancri (as one mass).	5.5	8 48 45.460	0.18	2	...	+ 3.6656	-.0216	+ 30	+30 55 14.36	0.18	2	...	-13.462	-.392	- 33
577	...	...	σ^2 Cancri (South star)..	5.9	48 45.415	1.74	2	...	3.6656	.0216	+ 30	+30 55 13.51	1.74	2	...	13.462	.392	- 33
578	567	2393	ζ Hydræ	3.3	50 38.257	1.27	2	...	3.1808	.0070	- 69	+ 6 17 18.46	0.20	6	...	13.584	.335	+ 9
579	568	2394	60 Cancri	5.7	51 0.838	0.78	5	...	3.2805	.0096	- 2	+11 58 13.86	0.69	4	...	13.609	.346	- 21
580	569	2404	ι Ursæ Majoris	3.1	53 2.978	0.17	1	2	4.1684	.0445	- 438	+48 23 45.50	9.25	1	(2)	13.738	.429	- 248
581	571	2407	α Cancri	4.3	8 53 33.991	1.76	6	...	+ 3.2826	-.0098	+ 25	+12 12 23.77	1.18	7	...	-13.771	-.343	- 39
582	572	2411	ρ Ursæ Majoris	5.0	54 26.640	1.06	4	14	5.4652	.1359	- 26	+67 58 51.78	0.86	4	15	13.827	.574	+ 15
583	573	2413	10 Ursæ Majoris	4.0	54 48.070	2.97	4	...	3.9468	.0343	- 388	+42 8 22.59	2.97	4	...	13.849	.404	- 261
584	...	2415	Lalande (F.) 1370 ...	6.3	56 (44)	...	...	...	13.1064	1.6458	+ 130	+84 32 39.13	1.83	...	2	13.970	1.367	+ 19
585	575	2423	Groombridge 1501 ...	5.7	57 25.184	2.04	3	2	4.4191	.0604	+ 4	+54 38 20.74	1.92	3	2	14.015	.457	- 2
586	577	2426	ν Cancri	5.6	8 57 28.694	2.14	6	...	+ 3.5141	-.0172	0	+24 48 26.90	2.14	6	...	-14.018	-.361	- 5
587	576	2424	κ Ursæ Majoris	3.7	8 57 29.151	0.63	5	...	4.1155	.0435	- 30	+47 30 47.41	0.63	5	...	14.018	.424	- 66
588	578	2437	Piazzi VIII. 245....	4.7	9 0 48.479	1.42	5	...	3.8300	.0304	- 30	+38 48 45.02	1.42	5	...	14.226	.388	- 25
589	580	2439	ω Hydræ	5.4	1 14.270	2.27	1	...	3.1622	.0068	- 14	+ 5 27 7.43	0.72	4	...	14.251	.319	- 3
590	...	...	W. B. (2) VIII. 1458-9 (Comes)	7.8	2 15.590	0.82	3	...	3.4763	.0164	- 117	+23 20 26.11	0.82	3	...	14.314	.347	0
591	...	2442	W. B. (2) VIII. 1458-9...	6.3	9 2 15.834	1.26	7	...	+ 3.4763	-.0164	- 117	+23 20 32.96	1.26	7	...	-14.314	-.347	0
592	582	2441	σ^2 Ursæ Majoris	5.0	2 29.070	1.73	...	4	5.3291	.1333	- 9	+67 30 1.80	1.74	...	6	14.328	.541	- 70
593	583	2445	κ Cancri	5.1	2 52.441	1.94	11	...	3.2545	.0094	- 13	+11 1 50.84	0.96	15	...	14.352	.326	- 11
594	584	2449	ξ Cancri	5.2	4 11.244	1.23	7	...	3.4550	.0159	+ 3	+22 24 35.86	1.23	7	...	14.432	.345	- 7
595	...	2461	Groombridge 1517....	6.1	6 51.490	1.18	1	...	6.1303	.2235	- 175	+73 19 (9)	...	...	...	14.593	.608	- 66
596	587	2465	36 Lynceis	5.3	9 7 55.277	1.04	7	...	+ 3.9404	-.0376	- 21	+43 35 21.61	0.94	8	...	-14.656	-.387	- 47
597	...	2471	Bradley 1299.....	6.1	8 28.944	0.69	9	...	3.4335	.0155	- 7	+21 39 15.95	0.69	9	...	14.690	.335	- 25
598	589	2479	θ Hydræ	3.8	9 40.985	1.73	4	...	3.1151	.0060	+ 87	+ 2 41 39.52	1.73	4	...	14.760	.304	- 312
599	...	...	B. D. + 18° 2162....	9.0	13 8.968	2.09	3	...	3.3633	.0135	...	+18 6 31.36	3.17	2	...	14.964	.318	...
600	592	2495	38 Lynceis	3.8	13 14.777	0.73	4	...	3.7468	.0294	- 21	+37 11 3.23	0.62	5	...	14.970	.358	- 135

No.	Number in		Star's Name.	Magnitude.	Mean R. A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion, Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion, Unit "0001.
	Newcomb's Fundamental Catalogue, 1900.	Bess's P. G. C., 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
601	593	2501	83 Cancri.....	6.6	9 13 57.627	1.82	6	...	+ 3.3618	-.0135	- 81	+18 5 14.35	1.32	7	...	-15.011	-.318	- 138
602	595	2507	α Lynceis.....	3.3	15 34.518	1.28	4	...	3.6825	-.0265	- 176	+34 46 24.55	1.28	4	...	15.104	.344	+ 10
603	596	2516	h Mali.....	4.9	17 30.542	2.02	5	...	2.6560	+.0035	- 15	-25 34 55.28	2.02	5	...	15.215	.246	- 9
604	...	2528	Piazzi IX. 74.....	6.5	20 33.520	3.22	2	...	3.3339	-.0128	- 53	+16 58 26.98	3.22	2	...	15.388	.305	- 20
605	598	2529	28 Hydrae.....	6.0	20 54.170	3.29	1	...	3.0018	.0027	- 14	- 4 43 43.87	3.29	1	...	15.406	.274	- 10
606	599	2533	α Hydrae.....	2.2	9 23 9.876	1.51	8	...	+ 2.9498	-.0014	- 11	- 8 16 5.84	0.71	13	...	-15.533	-.266	+ 31
607	600	2536	Piazzi IX. 37.....	4.6	24 20.048	9.70	...	1	8.8445	.7756	- 43	+81 43 31.20	9.70	...	1	15.598	.816	- 25
608	601	2540	h Ursæ Majoris.....	3.6	24 26.583	2.74	2	1	4.7521	.1033	+ 170	+63 27 21.60	2.47	2	3	15.603	.434	+ 25
609	603	2549	d Ursæ Majoris.....	4.7	26 32.517	1.76	2	1	5.3798	.1680	- 112	+70 13 36.18	1.74	2	2	15.718	.482	+ 70
610	605	2555	ξ Leonis.....	5.1	27 5.792	2.08	6	...	3.2438	.0100	- 65	+11 41 54.96	0.93	10	...	15.748	.286	- 87
611	...	2561	9 Leonis Minoris.....	6.6	9 27 59.175	1.27	2	...	+ 3.6900	-.0296	+ 32	+36 53 11.56	1.27	2	...	-15.796	-.326	- 45
612	607	2566	10 Leonis Minoris.....	4.6	28 42.792	0.61	3	...	3.6855	.0295	+ 11	+36 47 51.69	0.61	3	...	15.834	.324	- 27
613	610	2572	33 Hydrae.....	5.7	30 3.287	2.21	4	...	2.9941	.0023	0	- 5 30 46.30	1.88	6	...	15.906	.260	- 57
614	...	2580	8 Leonis.....	6.2	32 4.840	3.29	1	...	3.3159	.0129	- 7	+16 50 29.60	3.29	1	...	16.014	.285	- 19
615	613	2582	10 Leonis.....	5.1	32 27.697	1.92	3	...	3.1744	.0077	- 44	+ 7 14 22.68	1.92	3	...	16.033	.271	- 7
616	615	2589	2 Sextantis.....	4.8	9 33 45.670	0.44	4	...	+ 3.1429	-.0066	- 110	+ 5 3 21.60	0.44	4	...	-16.102	-.265	- 63
617	...	...	Piazzi IX. 135.....	6.7	33 51.806	0.78	2	...	3.3732	.0153	- 12	+20 42 13.78	0.78	2	...	16.107	.286	- 32
618	616	2591	Groombridge 1564....	5.7	34 33.583	1.67	...	3	5.2083	.1608	- 115	+69 38 51.23	1.45	...	7	16.144	.445	- 71
619	617	2595	i Hydrae.....	4.1	35 15.660	2.24	3	...	3.0624	-.0041	+ 31	- 0 44 1.73	2.24	3	...	16.180	.258	- 72
620	618	2600	κ Hydrae.....	5.1	35 59.610	3.29	1	...	2.8778	+.0009	- 18	-13 55 24.94	3.29	1	...	16.217	.240	- 16
621	619	2602	o Leonis.....	3.7	9 36 20.924	1.39	7	...	+ 3.2150	-.0092	- 98	+10 18 7.86	2.21	5	...	-16.236	-.267	- 39
622	621	2612	ψ Leonis.....	5.6	38 49.925	0.91	6	...	3.2712	.0115	- 2	+14 26 1.71	0.91	6	...	16.362	.270	- 14
623	...	...	W. B. (2) IX. 780...	6.6	39 29.858	1.34	7	...	3.3415	-.0145	+ 20	+19 16 39.42	1.34	7	...	16.395	.274	- 77
624	622	2615	θ Antliae.....	5.1	40 11.283	9.25	1	...	2.6764	+.0052	- 45	-27 21 25.14	9.25	1	...	16.430	.216	+ 23
625	623	2618	ε Leonis.....	3.1	40 44.675	1.28	7	...	3.4152	-.0179	- 30	+24 11 20.60	1.00	14	...	16.459	.278	- 24
626	...	...	C. P. D. - 26° 4039.	8.4	9 40 51.720	0.15	1	...	+ 2.6848	+.0055	...	-26 57 18.25	0.15	1	...	-16.464	-.208	...
627	626	2632	ν Ursæ Majoris.....	3.8	44 35.920	1.43	5	6	4.3344	-.0809	- 380	+59 27 45.56	1.51	5	8	16.648	.341	- 159
628	...	...	Lalande F. 1568.....	7.6	46 8.500	0.23	1	...	5.3545	.1980	...	+72 6 15.93	0.23	1	...	16.723	.428	...
629	629	2641	6 Sextantis.....	6.0	46 41.968	1.40	7	...	3.0234	.0025	+ 9	- 3 49 16.42	1.80	8	...	16.750	.236	- 30
630	630	2648	μ Leonis.....	4.1	47 38.874	1.75	4	...	3.4351	.0196	- 163	+26 25 52.62	0.90	7	...	16.796	.265	- 63
631	632	2656	Piazzi IX. 187.....	6.0	9 50 21.613	1.22	1	2	+ 5.4611	-.2208	- 148	+73 18 28.49	1.30	1	4	-16.923	-.422	- 47
632	633	2663	Bradley 1393.....	5.9	51 39.880	0.62	5	...	3.1895	.0085	- 61	+ 9 21 35.83	0.62	5	...	16.984	.240	+ 7
633	634	2665	19 Leonis Minoris.....	5.2	52 10.608	2.75	4	...	3.6979	.0357	- 102	+41 29 4.40	2.75	4	...	17.008	.278	- 37
634	...	...	Lalande 19490.....	9.0	52 54.394	9.24	1	...	3.2341	.0105	...	+12 50 25.09	9.24	1	...	17.042	.241	...
635	635	2672	ν Leonis.....	5.2	53 22.990	0.56	3	...	3.2328	.0105	- 21	+12 52 28.37	1.25	5	...	17.064	.241	- 29
636	638	2680	π Leonis.....	4.9	9 55 27.545	1.43	12	...	+ 3.1755	-.0080	- 23	+ 8 28 34.80	1.42	21	...	-17.158	-.233	- 27
637	640	2690	υ² Hydrae.....	4.7	10 0 44.540	1.51	7	...	2.9237	+.0015	- 25	-12 37 40.36	1.51	7	...	17.393	.205	+ 12
638	...	...	Mayer 444.....	6.3	0 48.042	2.54	6	...	3.2654	-.0123	- 23	+16 11 43.67	2.44	7	...	17.395	.229	+ 17
639	641	2694	η Leonis.....	3.6	2 25.657	0.36	8	...	3.2756	.0129	- 1	+17 12 6.72	0.36	8	...	17.466	.228	- 12
640	642	2698	Regulus.....	1.2	3 34.835	1.54	11	...	3.2155	-.0100	- 169	+12 24 26.75	1.45	20	...	17.515	.219	- 3
641	644	2706	λ Hydrae.....	3.8	10 6 12.025	0.76	6	...	+ 2.9382	+.0014	- 137	-11 54 32.80	0.76	6	...	-17.626	-.195	- 93
642	...	...	Lalande F. 1647.....	6.5	10 27.115	1.70	2	...	5.1510	-.2169	- 140	+73 31 25.43	1.70	2	...	17.799	.342	- 100
643	...	...	Piazzi X. 23.....	6.6	11 22.053	1.25	3	...	3.2730	.0134	0	+18 11 18.54	1.25	3	...	17.836	.210	- 9
644	646	2726	32 Ursæ Majoris.....	5.7	11 30.630	1.21	3	3	4.4129	.1135	- 144	+65 33 27.60	1.06	5	5	17.842	.286	- 13
645	647	2729	λ Ursæ Majoris.....	3.4	11 40.369	0.31	3	...	3.6472	.0381	- 149	+43 21 51.24	0.31	3	...	17.848	.234	- 45
646	648	2730	ζ Leonis.....	3.4	10 11 41.170	2.91	1	...	+ 3.3417	-.0174	+ 16	+23 51 59.41	0.69	4	...	-17.849	-.216	- 15
647	...	2731	37 Leonis.....	5.8	11 50.950	2.31	1	...	3.2260	.0109	- 16	+14 10 37.55	2.31	1	...	17.855	.207	- 27
648	650	2735	22 Sextantis.....	5.5	13 9.560	2.27	1	...	2.9922	.0000	- 108	- 7 37 8.96	2.27	7	...	17.907	.188	+ 2
649	653	2742	γ¹ Leonis.....	2.6	15 0.815	0.82	10	...	3.2911	.0150	+ 215	+20 17 49.49	0.72	16	...	17.979	.208	- 153
650	654	2745	Bradley 1399.....	5.6	16 42.807	0.21	1	2	9.3622	1.4708	- 892	+84 42 36.67	0.21	1	2	18.043	.576	- 41

ALTAZIMUTH CATALOGUE, 1910'0.

No.	Number in		Star's Name.	Magnitude.	Mean R.A., 1910'0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910'0.	Secular Variation, 1910'0.	Annual Proper Motion, Unit "0001.	Mean Declination, 1910'0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910'0.	Secular Variation, 1910'0.	Annual Proper Motion, Unit "001.
	Newcomb's Fundamental Catalogue, 1900.	Bess's P.G.C., 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
651	657	2751	μ Ursæ Majoris	3'1	h m s 10 16 58'294	0'23	2	...	+ 3'5955	- '0358	- 73	+41 57 9'05	0'23	2	...	-18'054	- '220	+ 20
652	...	2752	42 Leonis	6'4	17 0'053	3'11	3	...	3'2327	- '0115	- 27	+15 25 46'47	3'11	3	...	18'056	- '198	- 30
653	658	2754	Bradley 1429	5'0	17 39'239	0'91	3	1	4'3701	- '1160	- 18	+66 1 17'95	0'99	3	2	18'080	- '270	- 23
654	659	2762	Piazzi X. 22	5'3	20 11'276	9'33	1	...	7'6770	- '8812	- 446	+83 1 1'67	1'29	2	...	18'174	- '459	+ 24
655	661	2771	μ Hydræ	4'1	21 44'214	1'29	7	...	2'9092	+ '0040	- 89	-16 22 35'96	1'53	8	...	18'232	- '168	- 84
656	662	2776	β Leonis Minoris	4'4	10 22 40'895	2'24	2	...	+ 3'4899	- '0295	- 99	+37 10 7'53	2'24	2	...	-18'266	- '202	- 110
657	666	2785	36 Ursæ Majoris	5'0	24 52'350	2'47	...	3	3'8849	- '0660	- 215	+56 26 31'10	2'47	...	3	18'344	- '220	- 38
658	667	2788	29 Sextantis	5'3	24 54'482	2'48	5	...	3'0511	- '0019	- 32	- 2 16 42'25	2'48	5	...	18'345	- '172	- 19
659	...	2795	Bradley 1439	6'6	26 48'335	0'74	2	...	6'3939	- '5572	- 59	+80 57 32'32	0'58	3	...	18'412	- '368	- 8
660	...	2800	ϵ Leonis	5'7	27 23'611	1'01	5	...	3'2093	- '0107	- 27	+14 35 57'36	1'01	5	...	18'432	- '177	+ 13
661	668	2799	Bradley 1446	5'0	10 27 28'168	0'85	...	2	+ 5'2061	- '2725	- 79	+76 10 36'90	1'26	...	4	-18'434	- '294	- 10
662	669	2804	ρ Leonis	3'9	28 4'406	1'23	7	...	3'1624	- '0079	- 5	+ 9 46 11'39	2'22	7	...	18'455	- '173	- 6
663	671	2813	37 Ursæ Majoris	5'2	29 22'415	2'24	4	...	3'8820	- '0697	+ 83	+57 32 47'29	2'24	4	...	18'499	- '213	+ 31
664	673	2816	48 Leonis	5'2	30 6'385	0'70	2	...	3'1390	- '0065	- 72	+ 7 25 1'20	0'86	3	...	18'524	- '167	+ 52
665	674	2829	37 Leonis Minoris	4'9	33 39'510	3'20	2	...	3'3851	- '0240	+ 5	+32 26 37'76	3'20	2	...	18'641	- '175	- 3
666	678	2844	Piazzi X. 126	5'2	10 36 38'270	0'22	1	...	+ 4'3473	- '1409	- 14	+69 32 49'60	1'14	1	2	-18'735	- '220	- 22
667	679	2846	33 Sextantis	6'4	36 49'513	1'65	3	...	3'0620	- '0019	- 94	- 1 16 5'64	1'43	7	...	18'740	- '150	- 129
668	682	2851	34 Sextantis	6'6	37 58'682	2'25	5	...	3'1057	- '0045	- 62	+ 4 3 12'41	2'12	9	...	18'776	- '151	+ 21
669	683	2854	41 Leonis Minoris	5'1	38 31'513	0'57	3	...	3'2764	- '0164	- 83	+23 39 34'76	0'57	3	...	18'793	- '159	+ 5
670	685	2866	42 Leonis Minoris	5'4	40 51'795	1'12	6	...	3'3460	- '0225	- 20	+31 9 23'40	1'03	8	...	18'863	- '158	- 41
671	686	2868	37 Sextantis	6'6	10 41 24'585	9'24	1	...	+ 3'1265	- '0058	- 5	+ 6 50 51'52	9'24	1	...	-18'879	- '146	- 38
672	...	...	Lalande 20748	6'5	41 33'628	9'25	1	...	3'1779	- '0094	+ 3	+13 13 20'89	9'25	1	...	18'883	- '147	- 49
673	...	2870	k Leonis	5'6	41 39'412	0'93	4	...	3'1898	- '0103	- 90	+14 40 11'90	0'93	4	...	18'886	- '148	- 79
674	689	2883	l Leonis	5'3	44 31'674	1'73	7	...	3'1567	- '0080	- 1	+11 1 17'40	1'77	15	...	18'969	- '142	- 33
675	690	2888	ν Hydræ	3'3	45 11'076	0'57	3	...	2'9518	+ '0054	+ 65	-15 43 20'15	0'57	3	...	18'987	- '131	+ 193
676	692	2899	46 Leonis Minoris	3'9	10 48 16'933	0'93	9	...	+ 3'3574	- '0258	+ 74	+34 42 1'04	0'93	9	...	-19'072	- '144	- 290
677	694	2909	54 Leonis	4'5	50 44'538	2'57	5	...	3'2599	- '0170	- 55	+25 13 48'07	2'57	5	...	19'137	- '134	- 17
678	...	...	W. B. (2) X. 966	7'0	50 45'175	3'23	2	...	3'2599	- '0170	- 55	+25 13 46'08	3'23	2	...	19'137	- '134	- 17
679	695	2918	Bradley 1508	6'3	52 47'107	0'95	5	4	4'9303	- '3082	- 248	+78 15 9'11	0'83	9	6	19'190	- '201	- 27
680	697	2920	47 Ursæ Majoris	5'3	54 25'824	1'19	3	...	3'3993	- '0315	- 280	+40 54 39'69	1'19	3	...	19'231	- '131	+ 50
681	699	2927	d Leonis	5'1	10 55 54'802	2'01	5	...	+ 3'0989	- '0037	+ 6	+ 4 6 3'58	1'62	10	...	-19'268	- '117	- 21
682	701	2930	β Ursæ Majoris	2'2	56 25'042	0'52	3	2	3'6333	- '0624	+ 102	+56 51 54'25	0'47	3	2	19'280	- '139	+ 28
683	702	2933	α Ursæ Majoris	2'0	58 10'895	1'69	8	3	3'7490	- '0805	- 168	+62 14 13'68	1'64	8	5	19'321	- '138	- 74
684	...	...	Piazzi X. 231	6'7	10 59 49'864	0'55	3	...	3'1536	- '0084	- 120	+13 9 8'92	0'55	3	...	19'358	- '110	+ 99
685	703	2942	χ Leonis	4'7	11 0 22'540	1'45	10	...	3'1197	- '0055	- 233	+ 7 49 21'83	1'79	16	...	19'371	- '108	- 47
686	...	...	Lalande 21235	6'9	11 2 17'385	0'06	3	2	+ 4'1261	- '1559	...	+72 26 46'79	0'68	3	2	-19'413	- '142	...
687	706	2950	ν^3 Leonis	5'8	2 18'797	0'61	6	...	3'0867	- '0026	- 251	+ 2 26 39'40	0'61	6	...	19'414	- '103	- 87
688	708	2958	ψ Ursæ Majoris	3'0	4 36'429	1'62	3	...	3'3923	- '0364	- 55	+44 59 12'98	1'62	3	...	19'463	- '111	- 38
689	710	2964	β Crateris	4'6	7 13'830	0'64	7	...	2'9472	+ '0099	+ 1	-22 20 3'52	0'64	7	...	19'517	- '091	- 101
690	712	2972	δ Leonis	2'6	9 19'448	0'94	8	...	3'1851	- '0132	+ 106	+21 1 0'78	0'95	17	...	19'558	- '095	- 145
691	...	2973	Piazzi XI. 12	6'2	11 9 21'308	2'18	5	...	+ 3'1165	- '0055	+ 26	+ 8 33 12'17	2'18	5	...	-19'558	- '093	- 124
692	715	2980	Piazzi XI. 19	6'1	11 38'012	9'53	1	1	3'4059	- '0432	- 93	+49 58 2'81	9'43	1	1	19'602	- '096	- 19
693	716	2982	ϕ Leonis	4'6	12 5'175	2'79	2	...	3'0572	+ '0008	- 75	- 3 9 34'94	2'79	2	...	19'609	- '085	- 44
694	717	2984	ξ Ursæ Majoris	4'1	13 22'960	1'23	1	...	3'2415	- '0209	- 333	+32 2 9'62	1'23	1	...	19'633	- '086	- 598
695	...	...	ξ Ursæ Majoris (Comes)	5'1	13 23'330	1'23	1	...	3'2415	- '0209	- 333	+32 2 7'49	1'23	1	...	19'633	- '086	- 598
696	719	2989	δ Crateris	3'8	11 14 50'430	1'24	2	...	+ 3'0059	+ '0065	- 85	-14 17 29'13	1'53	7	...	-19'658	- '078	+ 195
697	720	2990	σ Leonis	4'1	16 29'800	1'14	9	...	3'1014	- '0040	- 63	+ 6 31 21'53	1'35	11	...	19'686	- '078	- 15
698	...	...	Lalande F. 1855-6	7'5	16 40'085	0'20	2	3	4'2417	- '2682	- 220	+77 51 59'84	0'20	2	3	19'688	- '108	+ 50
699	722	2993	Piazzi XI. 43	6'0	17 30'939	0'32	1	4	3'5964	- '0849	- 7	+64 49 23'14	1'11	1	10	19'703	- '090	+ 36
700	723	2999	ι Leonis	4'0	19 14'076	0'61	13	...	3'1186	- '0064	+ 105	+11 1 30'34	0'59	14	...	19'729	- '074	- 85

191560AM...75I...1D

ALTAZIMUTH CATALOGUE, 1910.0.

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No.	Number in		Star's Name.	Magnitude.	Mean R. A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination. 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "001.
	Newcomb's Fundamental Catalogue, 1900.	Bass's P.C.C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
701	724	3005	γ Crateris	4.1	h m s 11 20 23.056	1.09	5	...	+ 3.0014	+ .0083	— 75	—17 11 22.59	1.09	5	...	—19.748	— .067	— 3
702	...	3011	80 Leonis	6.7	21 12.590	3.06	1	...	3.0896	— .0026	— 51	+ 4 21 20.00	3.06	1	...	19.760	.068	— 49
703	726	3014	83 Leonis	6.7	22 12.064	1.29	4	...	3.0860	.0020	— 482	+ 3 30 13.58	1.25	6	...	19.773	.064	+ 173
704	727	3021	τ Leonis	5.3	23 18.591	1.04	4	...	3.0850	.0020	+ 13	+ 3 21 7.21	1.76	10	...	19.789	.064	— 19
705	728	3028	58 Ursæ Majoris	6.0	25 39.107	1.93	3	...	3.2629	.0319	— 48	+43 40 2.61	1.93	3	...	19.822	.064	+ 71
706	730	3031	λ Draconis	4.0	11 26 (4)	...	...	...	+ 3.6091	— .1093	— 74	+69 49 39.78	1.93	...	4	—19.827	— .070	— 24
707	731	3042	ξ Hydre	3.6	28 34.520	1.20	1	...	2.9612	+ .0166	— 159	—31 21 33.88	1.20	1	...	19.858	.051	— 51
708	...	3044	89 Leonis	6.0	29 45.620	3.23	2	...	3.0834	— .0018	— 123	+ 3 33 35.52	3.23	2	...	19.872	.051	— 111
709	734	3058	ν Leonis	4.5	32 20.431	0.48	5	...	3.0716	+ .0004	0	— 0 19 36.18	1.65	10	...	19.901	.046	+ 35
710	...	3067	ω Virginis	5.5	33 49.172	9.77	7	...	3.0957	— .0042	— 8	+ 8 37 56.82	9.77	7	...	19.915	.044	— 6
711	737	3081	3 Draconis	5.6	11 37 27.783	1.20	4	1	+ 3.3853	— .0851	— 77	+67 14 35.25	1.15	4	1	—19.949	— .041	+ 36
712	738	3087	ζ Crateris	5.0	40 11.957	9.26	1	...	3.0354	+ .0101	+ 24	—17 50 59.18	9.26	1	...	19.971	.031	— 39
713	...	3088	ξ Virginis	5.1	40 38.735	0.72	4	...	3.0899	— .0040	+ 42	+ 8 45 29.83	0.72	4	...	19.975	.031	— 27
714	739	3089	ν Virginis	4.3	41 14.034	1.61	6	...	3.0860	.0030	— 12	+ 7 2 1.54	1.89	10	...	19.979	.029	— 187
715	740	3090	χ Ursæ Majoris	3.9	41 18.124	1.29	5	...	3.1947	.0352	— 136	+48 16 42.85	1.29	5	...	19.979	.030	+ 16
716	...	3097	Δ ¹ Virginis	5.4	11 43 17.484	9.55	2	...	+ 3.0875	— .0038	— 34	+ 8 44 45.42	9.55	2	...	—19.993	— .025	+ 1
717	744	3101	β Leonis	2.2	44 28.182	1.49	8	...	3.0969	.0071	— 342	+15 4 31.28	9.49	3	...	20.000	.022	— 123
718	745	3105	β Virginis	3.8	46 0.446	1.67	10	...	3.0758	.0002	+ 495	+ 2 16 18.40	2.23	16	...	20.009	.021	— 279
719	747	3112	Groombridge 1830...	6.7	47 47.710	0.98	3	...	3.1288	.0298	+3402	+38 21 51.41	0.98	3	...	20.017	.044	—5804
720	748	3117	γ Ursæ Majoris	2.3	49 6.163	1.08	3	1	3.1606	.0430	+ 107	+54 11 42.39	1.66	3	1	20.024	.015	+ 3
721	749	3123	o Leonis	5.5	11 51 2.880	1.13	7	...	+ 3.0877	— .0074	+ 17	+16 8 51.46	1.13	7	...	—20.031	— .010	— 7
722	...	3132	Piazzi XI. 207.....	6.7	54 27.120	2.98	4	...	3.0731	+ .0010	— 45	+ 1 1 51.49	2.98	4	...	20.040	.003	+ 18
723	752	3135	b Virginis	5.5	55 20.317	1.97	3	...	3.0745	— .0006	— 11	+ 4 9 23.18	1.97	3	...	20.042	.002	— 18
724	753	3139	π Virginis	4.7	56 15.671	0.74	7	...	3.0753	.0022	— 3	+ 7 6 58.04	1.03	22	...	20.043	.001	— 33
725	758	3155	o Virginis	4.3	12 0 37.512	1.20	11	...	3.0719	.0030	— 147	+ 9 13 58.49	1.64	16	...	20.046	+ .009	+ 38
726	759	3156	Groombridge 1852...	6.1	12 0 41.522	9.92	3	1	+ 3.0542	— .1359	+ 441	+77 24 32.71	9.92	3	1	—20.046	+ .009	— 89
727	...	3169	10 Virginis	6.1	5 4.608	1.62	8	...	3.0713	+ .0008	+ 30	+ 2 24 11.20	1.62	8	...	20.041	.018	— 184
728	...	3171	11 Virginis	5.9	5 28.244	9.14	2	...	3.0690	— .0012	— 111	+ 6 18 27.11	9.14	2	...	20.040	.018	+ 17
729	762	3172	ε Corvi	3.1	5 29.642	1.00	4	...	3.0855	+ .0143	— 47	—22 7 9.12	1.40	6	...	20.040	.018	+ 7
730	763	3182	Bradley 1634	5.2	7 59.737	0.40	3	3	2.8509	— .1210	+ 32	+78 6 57.86	0.51	5	5	20.034	.022	+ 18
731	764	3186	1 Canum Venaticum...	6.5	12 10 15.970	3.30	2	...	+ 2.9903	— .0365	— 11	+53 56 7.27	3.30	2	...	—20.026	+ .027	— 21
732	767	3191	γ Corvi	2.6	11 10.570	1.20	3	...	3.0925	+ .0116	— 112	—17 2 31.96	1.20	3	...	20.022	.029	+ 11
733	768	3193	2 Canum Venaticum...	6.1	11 37.092	9.26	2	...	3.0133	— .0227	+ 19	+41 9 41.42	9.26	2	...	20.020	.030	— 46
734	...	3202	13 Virginis	6.1	14 3.465	2.55	6	...	3.0730	+ .0028	+ 16	— 0 17 12.92	2.55	6	...	20.008	.035	— 18
735	772	3208	Bradley 1672.....	6.3	14 (26)	...	...	...	0.3980	.7460	— 720	+88 11 55.57	1.43	28	18	20.006	.011	+ 58
736	...	...	B. D. + 0° 2924....	9.0	12 14 36.980	1.28	1	...	+ 3.0727	+ .0026	...	— 0 5 (52)	...	...	...	—20.004	+ .034	...
737	773	3210	η Virginis	4.0	15 18.040	1.52	4	...	3.0728	.0028	— 41	— 0 10 0.82	2.36	7	...	20.001	.037	— 25
738	...	3213	c Virginis	5.1	15 46.722	9.95	4	...	3.0664	+ .0008	— 198	+ 3 48 48.98	9.95	4	...	19.998	.038	— 78
739	...	...	B. D. + 26° 2331...	8.3	16 21.520	3.30	1	...	3.0252	— .0114	...	+26 25 32.93	3.30	1	...	19.995	.042	...
740	776	3224	12 Comæ	4.9	17 58.966	0.92	5	...	3.0207	.0114	— 6	+26 20 43.86	0.92	5	...	19.985	.042	— 14
741	779	3235	6 Canum Venaticum...	5.3	12 21 24.932	9.38	1	...	+ 2.9696	— .0198	— 66	+39 31 4.09	9.38	1	...	—19.958	+ .048	— 39
742	781	3240	14 Comæ	5.2	21 54.150	3.22	1	...	3.0054	.0119	— 17	+27 45 58.82	3.22	1	...	19.955	.049	— 18
743	783	3242	15 Comæ	4.6	22 27.274	1.91	4	...	3.0008	— .0124	— 66	+28 46 7.39	1.91	4	...	19.950	.050	— 87
744	...	3247	Mayer 525.....	6.3	23 14.600	3.30	1	...	3.0822	+ .0053	— 54	— 4 7 (2)	...	...	...	19.943	.053	— 9
745	786	3256	8 ² Corvi	3.1	25 12.344	0.66	3	...	3.1146	+ .0119	— 144	—16 0 52.22	1.48	12	...	19.925	.057	— 143
746	788	3260	74 Ursæ Majoris.....	5.6	12 25 45.429	2.02	1	3	+ 2.8241	— .0378	— 87	+58 54 2.66	2.16	1	3	—19.920	+ .054	+ 82
747	791	3279	β Canum Venaticum..	4.4	29 28.280	2.33	1	...	2.9191	.0194	— 628	+41 50 47.40	2.33	1	...	19.881	.060	+ 281
748	793	3281	κ Draconis	3.8	29 38.707	2.04	1	3	2.5915	— .0529	— 119	+70 17 2.48	1.96	1	3	19.878	.056	+ 6
749	792	3280	β Corvi	2.8	29 39.448	2.03	4	...	3.1454	+ .0165	0	—22 53 55.41	1.13	6	...	19.878	.067	— 61
750	794	3283	23 Comæ	4.9	30 (22)	...	...	...	2.9971	— .0085	— 52	+23 7 28.44	2.36	2	...	—19.871	+ .065	+ 7

ALTAZIMUTH CATALOGUE, 1910'0.

No.	Number in		Star's Name.	Magnitude.	Mean R.A., 1910'0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910'0.	Secular Variation, 1910'0.	Annual Proper Motion. Unit "0001.	Mean Declination. 1910'0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910'0.	Secular Variation, 1910'0.	Annual Proper Motion. Unit "001.
	Newcomb's Fundamental Catalogue, 1900.	Boss's P.G.C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
751	795	3285	24 Comæ.....	5'3	h m s 12 30 37'030	2'32	1	...	+ 3'0118	- '0062	+ 3	+18 52 20'35	0'36	3	...	-19'867	+ '066	+ 16
752	797	3290	f Virginis.....	6'1	32 9 120	2'33	1	...	3'0899	+ '0064	- 20	- 5 20 7'43	2'33	1	...	19'849	'070	- 27
753	...	3294	Piazzi XII. 142.....	6'0	33 46'995	0'64	4	...	3'0645	+ '0025	- 57	+ 2 20 58'90	0'89	6	...	19'829	'073	- 27
754	798	3297	9 Canum Venaticum...	6'5	34 26'513	1'95	3	...	2'8963	- '0192	- 19	+41 22 10'83	1'95	3	...	19'820	'071	- 31
755	799	3298	χ Virginis.....	4'8	34 36'007	1'84	4	...	3'0990	+ '0077	- 51	- 7 30 1'53	1'84	4	...	19'818	'075	- 37
756	801	3307	γ ¹ Virginis.....	3'7	12 37 5'855	0'90	4	...	+ 3'0761	+ '0043	- 376	- 0 57 19'51	0'57	5	...	-19'784	+ '078	+ 4
757		3307	γ ² Virginis.....	3'7	37 6'147	0'43	3	...	3'0761	+ '0043	- 376	- 0 57 23'95	0'43	3	...	19'784	'078	+ 4
758		3309	ρ Virginis.....	5'0	37 19'793	0'34	2	...	3'0314	- '0015	+ 61	+10 43 52'65	2'04	9	...	19'782	'079	- 101
759		3313	76 Ursæ Majoris.....	6'1	37 38'216	1'42	...	2	+ 2'6398	- '0379	- 38	+63 12 24'97	1'42	...	2	19'776	'071	- 19
760		3323	32 Virginis.....	5'4	41 4'282	0'76	7	...	3'0384	'0000	- 76	+ 8 9 55'32	0'76	7	...	19'725	'086	+ 1
761	...	3330	Mayer 537.....	6'5	12 42 54'293	2'85	3	...	+ 3'0978	+ '0072	- 1	- 5 48 34'17	2'85	3	...	-19'696	+ '092	- 50
762	809	3331	35 Virginis.....	6'8	43 16'452	0'30	2	...	3'0547	'0022	- 3	+ 4 3 50'16	1'03	4	...	19'690	'091	- 12
763	...	...	W B. XII. 687.....	8'8	43 32'110	2'33	1	...	3'0966	+ '0071	...	- 5 27 49'97	2'33	1	...	19'685	'093	...
764	812	3347	31 Comæ.....	5'1	47 18'954	0'79	7	...	2'9266	- '0096	- 12	+28 1 49'56	2'12	5	...	19'620	'095	- 26
765	...	3354	Bradley 1730.....	6'1	48 19'671	9'94	...	2	0'4510	+ '2014	- 150	+83 54 25'43	9'94	...	2	19'602	'021	+ 14
766	814	3356	Bradley 1731.....	5'5	12 48 27'400	9'94	...	2	+ 0'4470	+ '2024	- 180	+83 54 6'48	9'94	...	2	-19'600	+ '021	+ 15
767	...	3353	38 Virginis.....	6'2	48 34'595	0'09	6	...	3'0876	'0060	- 175	- 3 3 51'33	0'09	6	...	19'598	'101	- 13
768	...	...	B. D. + 3° 27'11.....	8'5	49 38'577	9'25	1	...	3'0568	'0029	...	+ 3 7 20'06	9'25	1	...	19'579	'101	...
769	815	3362	ψ Virginis.....	5'0	49 40'333	0'30	2	...	3'1183	+ '0093	- 16	- 9 3 0'88	0'30	2	...	19'577	'105	- 21
770	816	3363	ε Ursæ Majoris.....	1'6	50 4'410	1'46	...	2	2'6357	- '0272	+ 139	+56 26 54'15	1'46	...	2	19'570	'092	- 11
771	817	3367	δ Virginis.....	3'7	12 51 4'193	1'07	3	...	+ 3'0525	+ '0027	- 317	+ 3 53 11'03	1'96	9	...	-19'551	+ '104	- 64
772	819	3372	8 Draconis.....	5'4	51 53'694	9'63	1	2	2'4009	- '0319	- 5	+65 55 36'03	9'59	1	2	19'534	'086	- 35
773	...	3375	κ Virginis.....	5'9	55 1'280	1'20	2	...	3'0911	+ '0065	- 19	- 3 19 36'26	1'20	2	...	19'472	'114	- 4
774	...	...	B. D. + 3° 27'19.....	8'7	55 33'516	9'25	1	...	3'0563	'0033	...	+ 2 52 12'30	9'25	1	...	19'460	'112	...
775	...	3378	46 Virginis.....	6'3	55 57'811	0'31	3	...	3'0888	+ '0063	- 20	- 2 53 5'42	0'31	3	...	19'452	'116	+ 46
776	821	3383	ε Virginis.....	2'8	12 57 41'826	0'54	5	...	+ 3'0051	- '0006	- 185	+11 26 33'21	0'57	16	...	-19'414	+ '115	+ 17
777	822	3388	48 Virginis.....	6'5	59 16'143	0'69	6	...	3'0915	+ '0066	- 30	- 3 10 44'48	0'86	8	...	19'380	'122	- 40
778	823	3392	14 Canum Venaticum..	5'3	13 1 32'027	0'60	3	...	2'8123	- '0123	- 21	+36 16 47'93	0'60	3	...	19'327	'116	+ 10
779	...	3404	B. F. 1805.....	5'9	3 50'860	2'25	2	...	3'1275	+ '0097	- 23	- 8 30 9'81	2'25	2	...	19'273	'132	- 71
780	...	3408	50 Virginis.....	6'5	5 2'600	3'22	1	...	3'1375	'0105	- 1	- 9 50 58'23	3'22	1	...	19'244	'135	- 23
781	827	3409	θ Virginis.....	4'4	13 5 17'307	0'95	8	...	+ 3'1058	+ '0079	- 26	- 5 3 31'40	0'73	12	...	-19'239	+ '134	- 42
782	...	3411	15 Canum Venaticum..	6'5	5 33'620	1'43	1	...	2'7670	- '0132	- 12	+39 0 47'36	1'43	1	...	19'232	'121	- 4
783	828	3415	17 Canum Venaticum..	6'2	5 55'330	1'36	1	...	2'7658	'0130	- 63	+38 58 38'41	1'36	1	...	19'223	'121	+ 28
784	830	3424	β Comæ.....	4'3	7 40'477	0'93	3	...	2'8628	'0076	- 604	+28 20 3'00	0'93	3	...	19'179	'124	+ 875
785	832	3439	19 Canum Venaticum..	5'9	11 29'277	0'98	3	...	2'7119	- '0132	- 104	+41 19 49'16	0'98	3	...	19'079	'128	- 1
786	835	3446	σ Virginis.....	5'0	13 13 3'563	1'72	3	...	+ 3'0289	+ '0029	- 9	+ 5 56 37'02	0'90	11	...	-19'036	+ '146	+ 9
787	836	3447	20 Canum Venaticum..	4'8	13 30'554	0'62	4	...	2'7057	- '0128	- 111	+41 2 47'00	0'62	4	...	19'024	'131	+ 4
788	837	3448	61 Virginis.....	4'8	13 41'733	9'41	1	...	3'2083	+ '0156	- 754	-17 48 39'66	9'41	1	...	19'019	'148	-1084
789	838	3449	γ Hydræ.....	3'2	14 1'597	0'56	3	...	3'2500	+ '0189	+ 48	-22 41 48'99	0'56	3	...	19'009	'158	- 51
790	840	3455	23 Canum Venaticum..	5'8	16 17'031	1'24	2	...	2'6980	- '0123	- 51	+40 37 22'65	1'24	2	...	18'945	'136	- 20
791	...	...	Piazzi XIII. 67.....	7'2	13 17 50'530	2'25	2	...	+ 3'1172	+ '0088	...	- 5 43 40'56	2'25	2	...	-18'900	+ '159	...
792	...	3467	65 Virginis.....	5'9	18 38'916	0'31	5	...	3'1075	'0082	- 16	- 4 27 13'80	0'48	6	...	18'877	'159	- 20
793	...	3471	66 Virginis.....	6'0	19 52'055	1'28	2	...	3'1099	+ '0084	+ 100	- 4 41 38'08	1'28	2	...	18'841	'163	- 40
794	842	3474	ζ Ursæ Majoris.....	2'2	20 18'236	9'56	2	1	2'4077	- '0172	+ 148	+55 23 42'11	9'52	2	1	18'828	'129	- 30
795	843	3476	Spica.....	1'2	20 27'018	0'40	2	...	3'1593	+ '0116	- 28	-10 41 30'74	1'07	9	...	18'823	'165	- 36
796	844	3481	ι Virginis.....	5'7	13 21 57'805	9'32	2	...	+ 3'1741	+ '0125	- 92	-12 14 22'45	9'32	2	...	-18'778	+ '168	- 22
797	846	3488	Piazzi XIII. 109.....	6'3	23 50'640	2'37	1	...	1'5227	'0075	+ 56	+72 51 31'16	2'37	1	...	18'719	'088	- 17
798	...	3495	l ¹ Virginis.....	6'3	25 43'913	0'30	4	...	3'1239	'0092	+ 26	- 6 0 21'10	0'30	4	...	18'660	'174	+ 11
799	850	3498	73 Virginis.....	6'1	27 11'499	9'38	1	...	3'2363	'0163	- 63	-18 15 53'80	9'38	1	...	18'613	'181	- 23
800	...	3504	h Virginis.....	5'5	28 13'556	1'81	5	...	3'1583	'0113	- 20	- 9 42 5'06	1'81	5	...	18'579	'179	- 44

No.	Number in		Star's Name.	Magnitude.	Mean R. A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "001.
	Newcomb Fundamental Catalogue, 1900.	Boss's P. G. C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
801	852	3508	ζ Virginis.....	3.3	13 30 6.387	0.38	2	...	+ 3.0737	+ .0064	- 191	- 0 8 9.81	0.86	4	...	-18.516	+ .176	+ 34
802	853	3509	81 Ursæ Majoris.....	5.8	30 39.821	9.70	1	2	2.3144	- .0138	- 20	+55 48 33.49	9.66	1	2	18.498	.137	- 10
803	...	3510	80 Virginis.....	6.0	30 50.300	9.18	3	...	3.1171	+ .0088	+ 13	- 4 56 17.21	9.18	3	...	18.492	.132	+ 72
804	856	3518	25 Canum Venaticum...	5.0	33 27.762	0.73	3	...	2.6768	- .0084	- 86	+36 45 9.34	0.73	3	...	18.402	.161	+ 14
805	...	...	Oeltz Arg. (N.) 13847	6.7	33 (31)	...	...	...	0.7740	+ .0674	...	+77 0 21.57	1.26	2	...	18.400	.052	...
806	858	3527	Groombridge 2029...	5.8	13 35 1.239	9.68	1	2	+ 1.4448	+ .0128	- 80	+71 42 0.97	9.63	1	2	-18.348	+ .091	- 7
807	859	3534	m Virginis.....	5.3	36 53.187	1.68	3	...	3.1520	.0108	- 69	- 8 14 57.21	1.21	13	...	18.282	.194	+ 36
808	...	3540	Mayer 565.....	6.8	39 13.227	9.18	3	...	3.1220	.0092	- 32	- 5 2 45.04	9.18	3	...	18.196	.197	- 26
809	860	3542	83 Virginis.....	5.9	39 38.365	1.38	2	...	3.2310	.0151	+ 5	-15 43 37.02	1.38	2	...	18.181	.205	- 5
810	...	3548	86 Virginis.....	5.7	41 8.425	3.22	2	...	3.1936	.0130	- 16	-11 58 33.24	3.22	2	...	18.125	.205	0
811	...	3551	Lalande 25396.....	6.5	13 42 27.883	1.31	3	...	+ 3.1668	+ .0115	+ 8	- 9 15 31.85	1.31	3	...	-18.075	+ .206	- 40
812	863	3558	τ Boötis.....	4.5	42 59.093	1.37	3	...	2.8849	- .0005	- 340	+17 54 18.28	0.89	12	...	18.056	.185	+ 26
813	...	3563	μ Virginis.....	6.8	43 35.435	9.41	1	...	3.1379	+ .0100	- 30	- 6 23 17.85	9.41	1	...	18.033	.206	- 28
814	866	3566	η Ursæ Majoris.....	1.8	43 59.721	9.67	1	2	2.3802	- .0100	- 121	+49 45 43.84	9.60	1	2	18.017	.158	- 21
815	867	3571	89 Virginis.....	5.2	44 58.705	1.35	2	...	3.2609	+ .0164	- 69	-17 41 10.35	1.35	2	...	17.979	.216	- 43
816	870	3589	10 Draconis.....	4.8	13 48 48.357	1.17	2	1	+ 1.7524	- .0004	+ 4	+65 10 3.81	1.21	2	1	-17.830	+ .124	- 3
817	...	3595	Bradley 1820.....	6.5	50 14.873	9.41	1	...	3.1552	+ .0108	- 110	- 7 36 57.82	9.41	1	...	17.772	.218	- 30
818	...	...	Bradley 1820 (Comes)	8.0	50 15.123	9.41	1	...	3.1552	+ .0108	- 110	- 7 36 56.91	9.41	1	...	17.772	.218	- 30
819	872	3596	η Boötis.....	2.8	50 23.963	0.93	3	...	2.8612	- .0003	- 45	+18 50 55.04	1.22	9	...	17.765	.199	- 367
820	874	3600	92 Virginis.....	6.1	51 52.728	0.87	6	...	3.0563	+ .0065	- 23	+ 1 29 25.65	0.87	6	...	17.704	.215	+ 12
821	877	3607	48 Hydræ.....	6.0	13 54 57.590	0.67	3	...	+ 3.3663	+ .0214	- 152	-24 34 17.14	0.67	3	...	-17.577	+ .240	- 111
822	879	3612	τ Virginis.....	4.3	57 (4)	...	...	...	3.0500	+ .0065	+ 13	- 1 58 46.39	1.81	12	...	17.488	.224	- 25
823	880	3613	11 Boötis.....	6.3	57 5.665	1.89	2	...	2.7277	- .0031	- 60	+27 49 15.48	1.89	2	...	17.486	.200	+ 3
824	...	3616	Piazzi XIII. 286.....	6.7	59 34.410	3.00	1	...	3.2453	+ .0148	- 26	-14 32 22.47	3.00	1	...	17.379	.242	- 29
825	...	3617	Mayer 573.....	6.5	59 35.440	1.28	2	...	3.1760	.0117	- 27	- 8 49 33.13	1.84	4	...	17.378	.237	- 7
826	...	...	Piazzi XIII. 290.....	7.5	14 0 20.950	2.25	1	...	+ 3.2453	+ .0148	...	-14 25 31.49	2.25	1	...	-17.346	+ .242	...
827	882	3622	π Hydræ.....	3.4	1 14.604	0.90	4	...	3.4051	.0230	+ 31	-26 14 56.95	0.90	4	...	17.305	.257	- 160
828	884	3624	94 Virginis.....	6.9	1 31.690	1.35	1	...	3.1731	.0115	- 5	- 8 27 44.54	1.03	7	...	17.293	.240	+ 9
829	885	3626	α Draconis.....	3.6	1 57.085	0.65	1	1	1.6313	.0050	- 81	+64 48 21.46	0.42	1	4	17.274	.126	+ 15
830	...	3629	96 Virginis.....	6.9	4 12.765	1.36	2	...	3.1929	+ .0123	- 3	- 9 54 30.38	1.36	2	...	17.173	.246	+ 16
831	886	3630	Piazzi XIII. 316.....	5.6	14 4 19.950	1.42	2	...	+ 2.3997	- .0062	+ 4	+44 16 56.15	1.42	2	...	-17.168	+ .187	- 37
832	...	3632	Mayer 578.....	5.4	5 55.424	2.85	5	...	3.2710	+ .0157	+ 11	-15 52 37.84	2.85	5	...	17.095	.255	- 22
833	888	3635	δ Boötis.....	4.9	6 17.633	1.88	6	...	2.7385	- .0017	- 17	+25 31 3.96	1.88	6	...	17.078	.215	- 72
834	889	3642	κ Virginis.....	4.2	8 5.561	0.89	4	...	+ 3.1956	+ .0123	+ 5	- 9 51 19.13	1.27	4	...	16.995	+ .253	+ 130
835	890	3649	4 Ursæ Minoris.....	5.1	9 (11)	...	...	...	- 0.2781	.1510	- 89	+77 58 14.40	0.05	...	2	16.945	- .017	+ 26
836	891	3660	ι Virginis.....	4.1	14 11 17.641	1.12	7	...	+ 3.1432	+ .0106	- 12	- 5 34 17.20	1.51	10	...	-16.846	+ .254	- 427
837	893	3662	Arcturus.....	0.2	11 33.313	9.76	3	...	2.8136	.0025	- 780	+19 39 1.78	0.93	8	...	16.833	.217	-2004
838	...	3669	Lalande 26150.....	6.0	13 39.580	3.15	1	...	3.3159	.0173	- 40	-18 17 59.04	3.15	1	...	16.733	.272	- 41
839	898	3672	λ Virginis.....	4.6	14 14.274	1.76	7	...	3.2425	.0141	- 15	-12 57 25.75	1.76	7	...	16.704	.267	+ 23
840	901	3691	2 Libræ.....	6.3	18 34.950	1.53	7	...	3.2244	.0133	- 10	-11 18 11.33	1.53	7	...	16.492	.273	- 64
841	...	3698	Bradley 1861.....	6.5	14 19 50.550	0.94	7	...	+ 3.2250	+ .0132	- 47	-11 15 40.38	0.94	7	...	-16.429	+ .274	- 43
842	905	3705	f Boötis.....	5.4	22 16.104	0.90	6	...	2.7953	.0010	- 52	+19 37 52.09	0.89	12	...	16.306	.242	+ 15
843	907	3710	φ Virginis.....	5.0	23 33.900	0.45	1	...	3.0975	+ .0088	- 89	- 1 49 29.48	1.73	3	...	16.240	.269	- 10
844	908	3715	24 Boötis.....	5.8	25 30.050	1.42	3	...	2.1197	- .0018	- 320	+50 14 50.34	1.42	3	...	16.141	.184	- 54
845	909	...	Groombridge 2116...	5.7	26 3.927	0.81	7	...	+ 2.3514	- .0031	+ 114	+42 12 7.26	0.81	7	...	16.111	+ .213	- 194
846	911	3718	5 Ursæ Minoris.....	4.5	14 27 42.002	9.46	1	...	- 0.1708	+ .1173	+ 34	+76 5 45.99	9.46	1	...	-16.025	- .009	+ 17
847	910	3717	p Boötis.....	3.8	27 (57)	...	...	...	+ 2.5938	- .0015	- 78	+30 45 57.76	0.47	5	...	16.012	+ .232	+ 110
848	912	3722	γ Boötis.....	3.0	28 27.140	2.37	1	...	2.4264	- .0028	- 95	+38 42 6.91	2.37	1	...	15.986	.218	+ 144
849	...	3723	Piazzi XIV. 126.....	6.4	29 16.230	1.52	5	1	1.6334	+ .0062	- 64	+60 37 19.50	1.43	5	1	15.942	.150	+ 19
850	915	3729	σ Boötis.....	4.6	30 45.610	2.40	1	...	2.5982	- .0014	+ 149	+30 8 8.64	2.40	1	...	15.863	.240	+ 120

ALTAZIMUTH CATALOGUE, 1910.0.

No.	Number in		Star's Name.	Magnitude.	Mean R.A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit s''0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Preces- sion, 1910.0.	Secular Vari- ation, 1910.0.	Annual Proper Motion. Unit ''001.
	Newcomb's Fundamental Catalogue. 1900.	Boss's P. G. C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
851	...	3734	Mayer 592.....	6.2	h m s 14 32 12.393	0.65	9	...	+ 3.2464	+ .0131	- 594	-11 55 23.45	0.65	9	...	-15.786	+ .287	+ 363
852	919	3744	33 Boötis	5.4	35 29.198	1.15	4	...	2.2399	- .0019	- 69	+44.47 34.70	1.15	4	...	15.607	.210	- 29
853	922	3749	π Boötis.....	4.8	36 29.890	9.38	1	...	2.8179	+ .0025	+ 11	+16.48 13.83	9.38	2	...	15.551	.265	+ 2
854	923	3752	ζ Boötis.....	3.8	36 51.089	1.20	4	...	2.8601	.0033	+ 38	+14.6 50.15	1.41	5	...	15.532	.270	- 27
855	926	3758	μ Virginis.....	3.9	38 18.962	2.20	5	...	3.1511	.0107	+ 71	- 5 16 2.41	2.22	6	...	15.450	.300	- 322
856	928	3761	34 Boötis	5.0	14 39 28.048	9.34	1	...	+ 2.6377	+ .0001	- 8	+26.54 36.68	9.34	1	...	-15.387	+ .252	- 21
857	...	...	W. B. XIV. 692....	8.0	40 46.875	9.26	1	...	3.2408	.0132	+ 60	-11 2 25.45	9.26	1	...	15.313	.311	- 120
858	930	3771	ε ² Boötis	2.7	41 3.378	1.93	4	...	2.6238	.0001	- 36	+27.27 11.69	1.24	7	...	15.297	.252	+ 8
859	...	3769	Mayer 596.....	6.8	41 4.360	3.00	1	...	+ 3.4006	.0187	- 37	-20.47 41.24	3.00	1	...	15.295	+ .325	- 118
860	...	...	Lalande F. 2537....	7.5	41 (37)	...	...	...	- 1.9371	.3068	...	+80.10 16.19	9.38	2	...	15.265	- .177	...
861	932	3772	109 Virginis....	3.8	14 41 41.820	1.35	1	...	+ 3.0381	+ .0074	- 76	+ 2 16 18.57	1.35	1	...	-15.261	+ .292	- 38
862	...	3773	Mayer 597.....	6.4	42 6.510	3.23	1	...	3.4050	.0187	- 15	-20.56 52.76	3.23	1	...	15.237	.328	- 6
863	...	...	W. B. XIV. 733....	8.3	42 44.370	0.16	1	...	3.2665	.0138	...	-12.33 29.79	0.16	1	...	15.201	.317	...
864	...	...	W. B. XIV. 739....	6.4	43 0.230	1.28	2	...	3.2653	.0139	+ 13	-12.27 41.92	1.28	2	...	15.186	.317	- 83
865	933	3779	μ Libræ.....	5.4	44 22.954	0.43	3	...	3.2879	+ .0145	- 42	-13.46 28.17	0.43	3	...	15.107	.320	- 25
866	935	3785	Groombridge 2152...	6.3	14 45 34.670	2.41	1	...	+ 2.3776	- .0010	- 216	+38.10 54.58	2.41	1	...	-15.038	+ .231	+ 105
867	936	3787	α Libræ.....	2.9	45 53.820	2.15	4	...	3.3208	+ .0155	- 74	-15.40 5.75	1.59	14	...	15.020	.324	- 76
868	938	3798	ξ Boötis.....	4.8	47 14.060	2.40	1	...	2.7575	.0023	+ 92	+19.28 26.77	2.40	1	...	14.941	.275	- 106
869	941	3803	Groombridge 2164...	5.8	49 9.425	0.84	2	...	1.5362	.0090	- 169	+59.39 34.49	0.84	2	...	14.830	.153	+ 126
870	942	3804	ξ ¹ Libræ	5.8	49 29.641	9.95	5	...	+ 3.2563	.0133	- 42	-11.31 53.76	0.20	6	...	14.809	+ .325	- 22
871	944	3809	β Ursæ Minoris....	2.0	14 50 57.220	3.08	...	1	- 0.2030	+ .1005	- 74	+74.31 23.38	0.93	1	3	-14.723	- .016	+ 5
872	945	3810	ξ ² Libræ.....	5.6	51 52.965	2.85	2	...	+ 3.2504	.0130	- 1	-11.2 48.92	1.36	9	...	14.668	+ .328	- 2
873	946	3811	Piazzi XIV. 221....	6.1	51 58.330	1.48	1	...	2.8316	.0036	- 13	+14.48 35.88	1.48	1	...	14.662	.287	- 16
874	947	3813	Piazzi XIV. 212....	6.3	52 12.467	9.38	1	...	3.4231	.0207	+ 743	-21.0 35.01	9.38	1	...	14.648	.360	-1753
875	951	3827	Piazzi XIV. 260....	5.1	56 8.948	0.39	2	...	0.9572	.0280	- 124	+66.17 26.80	0.39	2	...	14.411	.100	+ 32
876	950	3825	δ Libræ	var.	14 56 9.783	0.19	5	...	+ 3.2058	+ .0116	- 46	- 8 9 44.90	1.41	11	...	-14.410	+ .329	- 11
877	952	3836	β Boötis.....	3.6	58 33.320	1.96	2	...	2.2636	.0001	- 40	+40.44 42.83	1.96	2	...	14.263	.237	- 43
878	953	3837	20 Libræ.....	3.4	14 58 48.114	9.46	1	...	3.5095	.0209	- 56	-24.55 44.03	9.46	1	...	14.249	.364	- 55
879	955	3842	ψ Boötis.....	4.7	15 0 35.348	0.93	6	...	2.5836	.0012	- 133	+27.17 53.24	2.07	3	...	14.138	.270	- 20
880	956	3847	44 Boötis.....	5.2	0 49.535	1.90	2	...	2.0191	.0020	- 386	+48.0 16.32	1.90	2	...	14.124	.206	+ 31
881	...	...	Lalande 27453.....	6.1	15 1 15.435	2.81	2	...	+ 3.4503	+ .0187	+ 65	-21.40 55.28	2.81	2	...	-14.096	+ .365	- 51
882	...	3849	ν ¹ Libræ	5.3	1 36.302	0.11	4	...	3.3437	.0153	- 33	-15.54 29.21	0.11	4	...	14.075	.351	- 34
883	...	3850	ν ² Libræ	6.9	1 47.463	1.01	3	...	3.3480	.0154	- 45	-16.8 9.90	1.01	3	...	14.064	.352	- 24
884	957	3855	45 Boötis	5.0	3 20.878	1.08	3	...	+ 2.6210	.0017	+ 138	+25.13 8.69	1.64	5	...	13.966	+ .282	- 183
885	962	3877	Groombridge 2283...	7.2	5 (59)	...	...	...	-19.8600	6.7840	- 80	+87.34 46.79	1.64	17	14	13.800	-2.095	+ 19
886	...	...	Lalande 27640.....	6.9	15 6 48.092	9.27	2	...	+ 3.3481	+ .0151	+ 34	-15.49 8.97	9.27	2	...	-13.748	+ .362	+ 8
887	960	3866	ι ¹ Libræ	4.7	7 5.373	1.17	4	...	3.4164	.0171	- 26	-19.27 5.45	1.74	3	...	13.729	.367	- 49
888	...	3868	ι ² Libræ	6.3	8 11.415	1.96	2	...	3.4152	.0169	- 36	-19.18 33.03	1.96	2	...	13.659	.368	- 45
889	...	3875	26 Libræ	6.3	9 (29)	...	...	...	3.3813	.0158	- 16	-17.25 59.92	0.46	1	...	13.576	.367	- 17
890	...	3884	Mayer 611.....	5.8	11 9.850	3.30	1	...	3.4738	.0184	- 31	-22.4 1.47	3.30	1	...	13.468	.379	0
891	966	3887	δ Boötis.....	3.4	15 11 52.440	1.43	1	...	+ 2.4118	+ .0012	+ 71	+33.39 0.64	1.43	1	...	-13.421	+ .268	- 127
892	967	3890	β Libræ	2.6	12 9.717	2.12	3	...	3.2309	.0118	- 67	- 9 3 4.37	2.08	6	...	13.403	.354	- 30
893	968	3893	Groombridge 2214...	5.2	13 36.004	0.48	4	3	0.6373	.0393	+ 383	+67.41 18.24	0.41	4	3	13.309	.083	- 404
894	...	3900	28 Libræ	6.5	15 47.345	0.74	4	...	3.3967	.0159	- 12	-17.49 55.83	0.74	4	...	13.165	.378	- 67
895	...	3902	ο ¹ Libræ	6.2	15 59.354	9.27	2	...	3.3470	.0144	+ 18	-15.13 26.53	9.27	2	...	13.152	.373	+ 12
896	...	...	W. B. XV. 231.....	8.2	15 16 47.940	9.82	2	...	+ 3.3405	+ .0142	...	-14.50 15.10	9.82	2	...	-13.098	+ .376	...
897	...	3912	11 Ursæ Minoris....	5.3	17 (10)	...	...	...	- 0.0733	.0732	+ 44	+72.9 3.15	2.49	2	...	13.074	.002	+ 5
898	971	3913	ο ² Libræ	6.6	18 0.536	0.47	2	...	+ 3.3413	.0142	- 1	-14.48 47.87	1.18	5	...	13.018	+ .375	+ 1
899	972	3923	η Coronæ.....	5.1	19 29.195	0.97	2	...	2.4680	.0018	+ 101	+30.36 43.28	1.49	1	...	12.920	.282	- 198
900	975	3926	μ Boötis.....	4.4	21 5.352	1.43	3	...	2.2783	.0014	- 126	+37.41 32.48	1.43	3	...	12.813	.258	+ 78

857. The Proper Motion has been deduced in the formation of this Catalogue.

ALTAZIMUTH CATALOGUE, 1910.0.

No.	Number in		Star's Name.	Magnitude.	Mean R.A.,			Mean Date of Obs.		No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "001.
	Newcomb's Fundamental Catalogue, 1900.	Bess's P. G. C., 1900.			h	m	s	1910+	1910+	Above Pole.	Below Pole.						Above Pole.	Below Pole.			
901	977	3931	τ^1 Serpentis.....	5.5	15	21	36.932	0.62	5	...	...	+ 2.7822	+ .0042	- 14	+15 44 38.13	0.62	5	...	-12.777	+ .317	- 26
902	978	3935	ζ^1 Libræ.....	5.6	23	10	6.60	1.43	1	...	...	3.3774	.0148	+ 11	-16 24 11.54	0.98	6	...	12.671	.386	- 43
903	980	3940	β Coronæ.....	3.7	24	7	0.15	1.94	2	...	...	2.4867	.0019	- 133	+29 24 57.18	1.48	1	...	12.608	.284	+ 76
904	981	3945	ν^1 Boötis.....	5.3	27	41	7.36	2.15	5	...	...	2.1535	.0021	+ 9	+41 8 22.79	2.15	5	...	12.363	.252	- 15
905	983	3949	ν^2 Boötis.....	5.1	28	33	5.75	2.08	4	...	...	2.1487	.0022	- 20	+41 12 15.22	1.97	3	...	12.303	.252	- 15
906	985	3953	θ Coronæ.....	4.3	15	29	17.949	9.34	1	...	...	+ 2.4202	+ .0020	- 20	+31 39 45.50	9.34	1	...	-12.254	+ .284	- 26
907	986	3959	γ Libræ.....	4.1	30	29	3.72	1.60	5	...	...	3.3470	.0136	+ 45	-14 29 23.87	1.70	7	...	12.170	.393	- 1
908	987	3961	α Coronæ.....	2.3	30	52	6.03	9.89	5	...	...	2.5303	.0024	+ 90	+27 1 1.78	0.86	10	...	12.142	.300	- 102
909	...	3971	Lalande 28414.....	6.0	32	30	4.10	2.90	2	...	...	3.5229	.0178	- 22	-22 50 38.48	2.90	2	...	12.029	.414	- 86
910	991	3979	ϕ Boötis.....	5.4	34	35	6.51	1.45	4	...	...	2.1485	.0022	+ 55	+40 38 45.38	1.45	4	...	11.882	.258	+ 47
911	...	3988*	ζ Coronæ (Comes).....	6.1	15	35	58.850	9.49	1	...	...	+ 2.2600	+ .0022	- 9	+36 55 42.76	9.49	1	...	-11.784	+ .271	- 8
912	993	3988	ζ Coronæ.....	5.1	35	59	3.50	9.49	1	...	...	2.2600	.0022	- 9	+36 55 39.63	9.49	1	...	11.784	.271	- 8
913	994	3990	κ Libræ.....	5.1	36	45	5.14	1.21	5	...	...	3.4540	.0157	- 32	-19 23 15.44	1.21	5	...	11.729	.412	- 119
914	995	3994	ι Serpentis.....	4.6	37	32	1.80	2.42	1	...	...	2.6779	.0036	- 51	+19 57 34.82	2.42	1	...	11.674	.321	- 55
915	996	3998	γ Coronæ.....	3.9	38	57	6.40	1.48	2	...	...	2.5266	.0026	- 75	+26 34 49.64	1.48	2	...	11.572	.303	+ 30
916	997	4001	α Serpentis.....	2.8	15	39	50.029	1.62	6	...	...	+ 2.9438	+ .0061	+ 90	+ 6 42 29.40	2.01	12	...	-11.510	+ .358	+ 38
917	998	4009	β Serpentis.....	3.5	42	1	9.09	0.50	2	...	...	+ 2.7628	.0043	+ 49	+15 42 10.57	9.96	4	...	11.351	+ .338	- 57
918	...	4020	18 Ursæ Minoris.....	7.2	44	(33)	...	...	...	...	...	- 3.3960	.3235	- 145	+80 15 57.23	2.11	1	...	11.171	- .415	+ 36
919	999	4015	κ Serpentis.....	4.2	44	41	2.50	1.43	1	...	...	+ 2.7028	.0039	- 32	+18 25 8.71	1.43	1	...	11.160	+ .331	- 101
920	...	...	Lalande 28780.....	6.7	44	43	2.80	9.44	3	...	...	3.4253	.0142	+ 42	-17 37 39.13	9.44	3	...	11.157	.421	- 1
921	1000	4016	μ Serpentis.....	3.4	15	44	55.327	1.47	3	...	...	+ 3.1338	+ .0088	- 59	- 3 9 20.40	1.84	5	...	-11.143	+ .382	- 28
922	1002	4021	Piazzi XV. 198.....	5.3	45	17	5.30	1.26	1	1	...	0.9013	.0224	+ 52	+62 52 38.96	1.30	1	1	11.115	.115	- 60
923	1003	4026	ϵ Serpentis.....	3.8	46	19	7.03	1.17	3	...	...	+ 2.9799	.0065	+ 83	+ 4 44 53.10	1.81	5	...	11.040	+ .369	+ 57
924	1006	4035	ζ Ursæ Minoris.....	4.3	47	14	9.64	0.65	4	2	...	- 2.2218	.2001	+ 80	+78 4 18.14	0.64	5	2	10.973	- .265	- 3
925	...	4038	Piazzi XV. 192.....	5.5	48	34	3.18	1.98	5	...	...	+ 3.5656	.0171	- 19	-23 42 37.47	1.98	5	...	10.876	+ .440	- 39
926	1007	4042	χ Herculis.....	4.7	15	49	33.804	9.50	1	...	...	+ 2.0336	+ .0018	+ 400	+42 42 10.15	9.50	1	...	-10.803	+ .264	+ 620
927	...	4043	47 Libræ.....	6.2	49	48	1.26	9.98	2	...	...	3.4630	.0146	- 17	-19 7 2.97	9.98	2	...	10.785	.429	- 39
928	1009	4055	γ Serpentis.....	3.9	52	17	7.26	0.52	3	...	...	2.7484	.0057	+ 211	+15 57 17.86	0.59	9	...	10.601	.349	-1297
929	1010	4062	π Scorpii.....	2.9	53	24	3.20	2.49	1	...	...	3.6239	.0178	- 11	-25 51 18.48	2.49	1	...	10.519	.453	- 36
930	1011	4063	ϵ Coronæ.....	4.2	53	51	6.90	1.51	1	...	...	2.4887	.0031	- 64	+27 8 16.95	1.51	1	...	10.485	.312	- 68
931	1012	4066	δ Scorpii.....	2.5	15	55	0.557	1.09	3	...	...	+ 3.5427	+ .0158	- 9	-22 21 58.20	1.09	3	...	-10.398	+ .445	- 39
932	1013	4067	49 Libræ.....	5.7	55	16	5.10	1.48	1	...	...	3.4062	.0133	- 440	-16 16 7.46	1.48	1	...	10.379	.418	- 401
933	1014	4072	Groombridge 2296.....	5.1	55	39	1.78	9.34	1	...	...	1.4379	.0096	- 186	+55 0 13.68	9.34	1	...	10.351	.179	+ 108
934	...	...	Lalande 29118.....	7.0	56	53	7.80	1.44	1	...	...	3.5466	.0158	...	-22 26 7.78	1.44	1	...	10.257	.445	...
935	1015	4075	5 Herculis.....	5.4	57	11	6.46	0.75	4	...	...	2.6977	.0038	- 37	+18 3 58.95	0.75	4	...	10.235	.341	+ 144
936	...	...	Lalande 29117.....	6.4	15	58	30.120	2.11	1	...	...	+ 3.5975	+ .0166	+ 17	-24 28 41.11	2.11	1	...	-10.136	+ .457	- 32
937	1019	4090	θ Draconis.....	4.1	16	0	12.070	0.97	...	2	...	1.1601	.0136	- 401	+58 48 18.70	0.79	1	2	10.008	.140	+ 337
938	1017	4086	β^1 Scorpii.....	2.6	0	12	1.03	1.20	3	...	...	3.4839	.0141	- 8	-19 33 34.42	1.42	5	...	10.008	.443	- 29
939	...	4092	Lalande 29247.....	6.1	0	44	1.90	1.44	2	...	...	3.5734	.0158	- 17	-23 21 41.37	1.44	2	...	9.967	.455	- 48
940	...	4093	ω^1 Scorpii.....	4.1	1	32	4.24	9.27	1	...	...	3.5051	.0144	- 5	-20 25 34.27	9.27	1	...	9.906	.448	- 33
941	1021	4101	κ Herculis.....	5.3	16	4	0.658	0.85	4	...	...	+ 2.7088	+ .0041	- 31	+17 17 10.58	0.85	4	...	- 9.719	+ .348	- 14
942	...	...	Lalande F. 2747.....	...	5	14	9.99	9.63	2	1	...	- 0.8576	.0838	...	+73 23 15.85	9.59	2	1	9.623	- .106	...
943	1022	4108	τ Coronæ.....	5.1	5	40	6.84	0.83	3	...	...	+ 2.1972	.0026	- 50	+36 43 9.38	0.83	3	...	9.590	+ .284	+ 319
944	1026	4112	ϕ Herculis.....	4.3	5	56	0.15	2.04	2	...	...	1.8913	.0045	- 21	+45 10 13.18	2.04	2	...	9.570	.245	+ 23
945	1027	4113	Groombridge 2320.....	5.5	6	4	4.20	1.51	1	...	...	0.1582	.0400	- 64	+68 2 50.09	1.51	1	...	9.560	.022	+ 58
946	1030	4134	δ Ophiuchi.....	3.0	16	9	37.658	1.00	4	...	...	+ 3.1442	+ .0082	- 33	- 3 27 47.78	0.89	9	...	- 9.285	+ .409	- 153
947	1031	4138	σ Coronæ.....	5.8	11	18	4.20	0.99	2	...	...	2.2680	.0034	- 232	+34 5 10.55	0.99	2	...	9.155	.292	- 93
948	1033	4147	ϵ Ophiuchi.....	3.1	13	33	4.67	1.14	3	...	...	3.1660	.0081	+ 53	- 4 28 26.02	1.65	7	...	8.979	.417	+ 32
949	1035	4158	σ Scorpii.....	3.0	15	42	9.18	2.00	5	...	...	3.6419	.0154	- 9	-25 22 38.53	2.00	5	...	8.810	.480	- 32
950	1036	4162	τ Herculis.....	3.9	17	1	8.10	0.12	...	1	...	1.8028	.0050	- 12	+46 31 38.40	0.12	...	1	8.706	.240	+ 30

ALTAZIMUTH CATALOGUE, 1910'0.

No.	Number in		Star's Name.	Magnitude.	Mean R.A., 1910'0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910'0.	Secular Variation, 1910'0.	Annual Proper Motion, Unit "0001.	Mean Declination, 1910'0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Preces- sion, 1910 0.	Secular Variation, 1910'0.	Annual Proper Motion, Unit "001.
	Newcomb's Fundamental Catalogue, 1900.	Boss's P.G.C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
951	1039	4165	γ Herculis.....	3'8	h m s 16 17 56'957	0'45	6	...	+ 2'6487	+ '0038	- 34	+19 21 50'43	0'41	10	...	- 8'634	+ '351	+ 39
952	1043	4176	23 Herculis.....	6'5	19 29'181	0'99	2	...	+ 2'3005	'0032	+ 10	+32 32 32'34	0'99	2	...	8'512	+ '307	- 18
953	1045	4181	η Ursæ Minoris.....	5'0	20 7'258	1'11	1	2	- 1'7735	'1133	- 184	+75 57 46'95	0'42	5	3	8'463	- '237	+ 252
954	1044	4178	ρ Ophiuchi.....	5'2	20 11'150	0'16	1	...	+ 3'5929	'0139	- 8	-23 14 26'10	0'16	1	...	8'457	+ '478	- 21
955	1046	4182	ω Herculis.....	4'6	21 15'676	0'55	2	...	2'7644	'0045	+ 30	+14 14 24'05	0'55	2	...	8'372	'370	- 65
956	1048	4187	Groombridge 2343...	5'8	16 22 27'100	0'59	2	1	+ 1'3075	+ '0101	+ 19	+55 24 34'19	0'67	2	1	- 8'277	+ '177	+ 16
957	1050	4192	η Draconis.....	2'7	22 45'880	1'44	1	...	0'8089	'0183	- 25	+61 43 3'07	1'44	1	...	8'252	'110	+ 59
958	1051	4193	Antares.....	1'2	23 53'200	2'57	1	...	3'6740	'0149	- 5	-26 13 58'23	0'74	5	...	8'163	'492	- 33
959	...	4198	22 Scorpil.....	4'9	24 44'290	1'40	2	...	3'6405	'0142	- 4	-24 55 2'07	1'40	2	...	8'094	'488	- 28
960	1056	4204	β Herculis.....	2'8	26 21'036	1'51	3	...	2'5849	'0036	- 75	+21 41 6'88	1'28	8	...	7'965	'347	- 24
961	1055	4203	λ Ophiuchi.....	3'9	16 26 22'409	0'20	3	...	+ 3'0258	+ '0063	- 32	+ 2 10 49'30	1'49	8	...	- 7'963	+ '407	- 84
962	...	4206	ω Ophiuchi.....	4'6	26 47'980	0'31	1	...	+ 3'5504	'0124	+ 15	-21 16 27'58	0'31	1	...	7'929	+ '478	+ 26
963	1059	4213	A Draconis.....	5'1	28 9'155	0'33	2	1	- 0'1268	'0406	- 45	+68 57 46'19	0'90	1	1	7'821	- '016	+ 34
964	1061	4218	τ Scorpil.....	2'9	30 16'692	9'62	4	...	+ 3'7302	'0150	- 8	-28 1 47'41	9'62	4	...	7'648	+ '505	- 37
965	...	4223	Piazzi XVI. 182.....	5'5	30 (43)	...	...	...	- 3'3818	'1961	- 366	+79 9 23'54	9'78	6	...	7'614	- '466	+ 113
966	1062	4220	σ Herculis.....	4'2	16 31 12'054	0'79	3	...	+ 1'9338	+ '0041	- 10	+42 37 20'25	0'79	3	...	- 7'574	+ '264	+ 35
967	1063	4225	ζ Ophiuchi.....	2'7	32 12'095	1'52	2	...	+ 3'2997	'0086	+ 8	-10 23 7'56	0'83	6	...	7'493	+ '449	+ 17
968	1064	4234	Piazzi XVI. 195.....	6'5	34 29'906	0'52	4	2	- 2'6003	'1360	- 294	+77 37 33'95	0'32	4	3	7'307	- '360	+ 271
969	...	...	Mayer 671.....	6'5	35 16'123	9'35	2	...	+ 3'5318	'0112	+ 8	-20 14 1'45	9'35	2	...	7'244	+ '483	+ 37
970	...	4236	Lalande 30304.....	6'1	36 8'746	0'97	5	...	3'6359	'0126	- 45	-24 17 37'90	0'97	5	...	7'172	+ '496	+ 5
971	1067	4246	ζ Herculis.....	2'8	16 37 53'501	0'19	3	...	+ 2'2976	+ '0027	- 365	+31 45 54'90	1'19	5	...	- 7'029	+ '306	+ 384
972	...	...	Lalande 30379.....	6'4	38 42'385	2'37	2	...	3'7191	'0135	+ 12	-27 17 16'76	2'37	2	...	6'963	'512	- 14
973	...	4254	15 Ophiuchi.....	7'2	39 43'790	9'42	3	...	3'6058	'0118	- 20	-23 1 1'13	9'42	3	...	6'878	'495	- 24
974	1069	4255	η Herculis.....	3'5	39 48'572	0'85	3	...	2'0526	'0039	+ 29	+39 5 35'33	0'85	3	...	6'871	'285	- 95
975	1071	4270	Groombridge 2377...	5'0	43 35'280	0'04	4	1	1'1322	'0104	+ 33	+56 56 33'75	0'10	4	1	6'560	'160	+ 56
976	1074	4273	20 Ophiuchi.....	4'8	16 44 51'215	1'69	4	...	+ 3'3099	+ '0080	+ 58	-10 37 27'28	1'69	4	...	- 6'456	+ '461	- 102
977	1076	4280	47 Herculis.....	5'7	45 57'132	1'19	6	...	+ 2'9079	'0048	+ 35	+ 7 24 9'35	1'28	8	...	6'364	+ '405	- 8
978	...	4293	Groombridge 2391...	6'0	47 (6)	...	...	...	- 2'7347	'1207	+ 173	+77 40 10'88	1'19	6	...	6'269	- '373	+ 206
979	1078	4291	49 Herculis.....	6'7	47 58'940	9'45	2	...	+ 2'7290	'0039	+ 6	+15 7 29'04	9'45	2	...	6'196	+ '381	- 7
980	1079	4300	53 Herculis.....	5'6	49 33'172	0'71	4	...	2'2812	'0033	- 75	+31 50 59'90	0'71	4	...	6'065	'317	- 23
981	1080	4302	ι Ophiuchi.....	4'3	16 49 44'851	1'24	4	...	+ 2'8407	+ '0044	- 38	+10 18 46'73	1'24	4	...	- 6'048	+ '396	- 46
982	...	...	Lalande 30725.....	6'8	50 10'565	9'50	2	...	3'5728	'0100	+ 20	-21 25 28'33	9'50	2	...	6'013	'500	+ 19
983	...	4309	24 Ophiuchi.....	5'7	51 22'263	9'87	2	...	3'6147	'0104	- 5	-23 0 28'04	9'87	2	...	5'913	'505	- 4
984	1084	4315	κ Ophiuchi.....	3'2	53 24'423	1'69	5	...	2'8579	'0043	- 199	+ 9 30 51'45	1'39	15	...	5'743	'396	- 14
985	...	4318	Bradley 2153.....	6'1	54 26'970	2'34	2	...	+ 3'6692	'0107	- 3	-24 57 22'81	2'42	1	...	5'655	+ '515	- 22
986	1087	4327	ϵ Ursæ Minoris.....	4'5	16 55 9'578	9'50	1	...	- 6'2790	+ '3182	+ 72	+82 11 12'00	9'26	1	2	- 5'596	- '874	- 1
987	1086	4323	30 Ophiuchi.....	5'1	56 (19)	...	...	...	+ 3'1644	'0060	- 36	- 4 5 18'20	1'32	5	...	5'500	+ '444	- 88
988	1088	4328	ϵ Herculis.....	3'9	56 50'691	0'77	4	...	2'2980	'0031	- 36	+31 3 29'95	1'98	4	...	5'455	'323	+ 21
989	1089	4332	δ Herculis.....	5'3	16 58 16'952	1'03	5	...	2'2134	'0032	0	+33 41 52'53	1'03	5	...	5'333	'313	- 12
990	...	4344	Bradley 2162.....	6'5	17 0 49'295	9'25	3	...	3'5800	'0090	- 21	-21 26 25'41	9'25	3	...	5'118	'506	- 85
991	1090	4346	60 Herculis.....	4'9	17 1 12'266	1'59	9	...	+ 2'7773	+ '0038	+ 36	+12 51 49'87	1'63	10	...	- 5'087	+ '394	- 17
992	1091	4359	Groombridge 2415...	6'4	4 50'530	2'58	1	...	1'9588	'0038	- 25	+40 37 59'62	2'58	1	...	4'778	'278	- 28
993	1092	4360	η Ophiuchi.....	2'6	5 12'922	1'38	8	...	3'4354	'0071	+ 25	-15 36 50'73	1'81	15	...	4'746	'489	+ 86
994	1094	4368	ζ Draconis.....	3'1	8 31'347	1'79	5	1	0'1701	'0190	- 21	+65 49 32'14	1'53	5	1	4'464	'025	+ 20
995	1095	4370	A ¹ Ophiuchi.....	5'4	9 48'800	2'42	1	...	3'7222	'0107	- 350	-26 28 15'76	2'42	1	...	4'356	'521	-1143
996	1096	4373	a ¹ Herculis.....	3'5	17 10 32'598	1'05	4	...	+ 2'7351	+ '0034	- 8	+14 29 32'19	1'75	7	...	- 4'292	+ '391	+ 27
997	1098	4376	δ Herculis.....	3'2	11 20'010	1'80	3	...	2'4649	'0033	- 18	+24 56 41'53	1'68	5	...	4'225	'352	- 163
998	1100	4381	π Herculis.....	3'4	11 54'660	1'56	2	...	2'0907	'0033	- 21	+36 54 36'56	1'56	2	...	4'175	'299	- 2
999	...	4384	39 Ophiuchi.....	5'5	12 31'205	9'20	1	...	3'6600	'0081	- 48	-24 11 21'92	9'20	1	...	4'124	'522	- 15
1000	1102	4388	68 Herculis.....	var.	14 0'048	0'45	3	...	2'2157	'0031	- 16	+33 11 46'96	0'45	4	...	3'996	'318	- 13

N	Number in		Star's Name.	Magnitude.	Mean R. A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.
	Newcomb's Fundamental Catalogue, 1900.	Boss's P.G.C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
1001	1103	4391	69 Herculis.....	4.8	17 14 33.975	2.46	4	...	+ 2.0713	+ .0031	- 34	+37 23 7.10	2.46	4	...	- 3.948	+ .297	+ 53
1002	1105	4399	θ Ophiuchi.....	3.4	16 28.863	1.06	4	...	3.6820	.0078	- 1	-24 54 37.27	0.69	4	...	3.783	.528	- 31
1003	1106	4403	w Herculis.....	5.5	17 17.461	1.53	3	...	2.2333	.0048	+ 100	+32 34 58.86	1.53	3	...	3.714	.324	-1053
1004	...	4407	43 Ophiuchi.....	5.5	17 41.750	3.31	1	...	3.7727	.0083	+ 4	-28 3 21.99	3.31	1	...	3.680	.542	- 42
1005	1108	4419	ρ Herculis.....	4.6	20 34.623	1.92	3	...	2.0721	.0031	- 32	+37 13 41.36	1.92	3	...	3.431	.298	- 4
1006	1109	4420	b Ophiuchi.....	4.2	17 20 52.501	9.35	1	...	+ 3.6615	+ .0073	- 5	-24 5 34.91	9.35	1	...	- 3.405	+ .527	- 132
1007	...	...	Lalande 31671.....	6.3	21 20.890	0.54	1	...	3.7112	.0072	- 10	-25 51 52.82	0.54	1	...	3.364	.535	- 3
1008	1111	4425	σ Ophiuchi.....	4.5	22 2.895	1.31	5	...	2.9753	.0037	+ 2	+ 4 13 4.45	1.10	9	...	3.304	.429	+ 3
1009	1114	4430	α Herculis.....	6.0	24 21.033	1.81	3	...	+ 1.5888	.0044	0	+48 20 7.33	1.81	3	...	3.105	+ .230	- 15
1010	...	...	Lalande 32153.....	7.4	25 18.830	0.47	1	...	- 1.7704	.0403	- 50	+74 44 26.16	0.47	2	...	3.022	.255	+ 90
1011	...	4435	Bradley 3248.....	6.0	17 26 9.015	0.88	2	...	+ 3.7230	+ .0067	- 3	-26 12 3.23	0.88	2	...	- 2.950	+ .538	- 31
1012	1117	4438	λ Herculis.....	4.5	27 6.007	2.14	3	...	2.4224	.0028	+ 11	+26 10 40.58	2.14	3	...	2.868	.351	+ 14
1013	1119	4443	β Draconis.....	2.8	28 23.890	1.66	2	...	1.3557	.0050	- 15	+52 22 2.90	1.66	2	...	2.755	.196	+ 7
1014	...	4449	52 Ophiuchi.....	6.7	29 53.657	9.35	1	...	3.6074	.0056	- 6	-21 58 59.73	9.35	1	...	2.626	.522	- 13
1015	1122	4458	ν ¹ Draconis.....	5.0	30 24.300	1.06	2	...	1.1624	.0054	+ 176	+55 14 44.24	1.06	2	...	2.582	.174	+ 49
1016	1124	4460	ν ² Draconis.....	5.0	17 30 29.705	1.06	2	...	+ 1.1631	+ .0054	+ 184	+55 14 2.77	1.06	2	...	- 2.574	+ .175	+ 51
1017	1123	4459	α Ophiuchi.....	2.0	30 45.378	2.14	5	...	+ 2.7756	.0033	+ 80	+12 37 29.78	1.58	17	...	2.550	+ .405	- 235
1018	1126	4464	27 Draconis.....	5.2	32 19.570	0.47	1	...	- 0.2432	.0140	- 25	+68 11 32.13	0.47	2	...	2.416	.035	+ 137
1019	1125	4462	ξ Serpentin.....	3.6	32 25.990	1.01	2	...	+ 3.4366	.0046	- 30	-15 20 34.52	1.01	2	...	2.405	+ .497	- 71
1020	...	4470	26 Draconis.....	5.4	34 3.608	9.36	1	1	0.5813	.0111	+ 345	+61 56 35.44	9.41	1	1	2.263	.095	- 507
1021	...	...	B. D. + 17° 3293...	8.2	17 34 21.530	3.31	1	...	+ 2.6434	+ .0035	...	+17 53 38.24	3.31	1	...	- 2.239	+ .383	...
1022	1128	4475	ο Serpentin.....	4.4	36 21.337	0.44	3	...	3.3752	.0040	- 48	-12 49 38.46	0.44	3	...	2.065	.489	- 56
1023	1131	4479	ι Herculis.....	3.8	36 55.337	1.53	5	...	+ 1.6930	.0034	- 8	+46 3 13.60	1.53	5	...	2.015	+ .246	- 2
1024	1132	4483	ω Draconis.....	5.0	37 28.515	0.76	2	1	- 0.3564	.0106	+ 16	+68 47 58.72	0.71	2	1	1.967	- .050	+ 327
1025	...	...	Piazzi XVII. 186.....	6.3	37 37.765	2.30	2	...	+ 3.7750	.0051	+ 2	-27 50 28.30	2.30	2	...	1.954	+ .549	- 17
1026	1134	4487	β Ophiuchi.....	2.9	17 39 1.562	1.94	5	...	+ 2.9654	+ .0027	- 28	+ 4 36 15.22	1.40	9	...	- 1.833	+ .430	+ 152
1027	...	4493	X Sagittarii.....	var.	41 53.715	1.44	2	...	3.7749	.0045	- 4	-27 47 49.88	1.52	3	...	1.582	.549	- 22
1028	1137	4497	μ Herculis.....	3.5	42 56.145	1.45	8	...	2.3708	.0038	- 243	+27 46 22.26	1.28	13	...	1.492	.338	- 750
1029	1138	4500	γ Ophiuchi.....	3.8	43 22.810	1.51	1	...	+ 3.0088	.0029	- 18	+ 2 44 24.02	1.51	2	...	1.452	+ .437	- 79
1030	1140	4504	ψ ¹ Draconis.....	4.9	43 32.145	1.35	2	1	- 1.0774	.0194	+ 34	+72 11 35.18	0.47	2	6	1.440	- .156	- 267
1031	...	4505	ψ ² Draconis.....	6.1	17 43 33.940	1.59	1	...	- 1.0793	+ .0196	+ 47	+72 11 5.30	1.59	1	...	- 1.437	- .155	- 278
1032	1141	4508	87 Herculis.....	5.3	45 10.213	0.82	4	...	+ 2.4321	.0025	- 8	+25 39 8.18	0.82	4	...	1.297	+ .354	- 45
1033	1142	4514	88 Herculis.....	6.9	47 42.060	1.40	6	...	1.5685	.0032	- 3	+48 25 5.38	1.40	6	...	1.075	.229	+ 8
1034	...	...	Piazzi XVII. 280.....	6.7	48 18.470	2.49	1	...	1.9491	.0025	...	+40 5 40.78	2.49	1	...	1.021	.284	...
1035	...	...	Piazzi XVII. 288.....	8.5	48 25.888	9.35	1	...	1.5680	.0031	- 4	+48 25 (12)	...	...	...	1.011	.229	+ 28
1036	1143	4518	Bradley 2245.....	6.2	17 49 8.905	2.43	2	...	+ 1.9524	+ .0025	- 11	+40 0 4.90	2.43	2	...	- 0.949	+ .284	+ 49
1037	1145	4528	89 Herculis.....	5.5	51 47.316	1.44	9	...	2.4193	.0023	+ 1	+26 3 49.57	1.78	9	...	0.718	.353	+ 2
1038	1146	4531	ξ Draconis.....	3.8	51 58.290	3.09	...	1	1.0248	.0033	+ 119	+56 53 11.77	3.09	...	1	0.702	.153	+ 75
1039	1147	4535	θ Herculis.....	3.8	53 9.968	1.01	2	...	+ 2.0564	.0025	+ 3	+37 15 43.05	1.01	2	...	0.598	.300	+ 4
1040	1150	4539	35 Draconis.....	5.0	53 28.779	9.33	1	1	- 2.7027	.0080	+ 138	+76 58 31.10	9.98	1	7	0.570	.390	+ 239
1041	1148	4536	ν Ophiuchi.....	3.5	17 54 4.320	0.47	1	...	+ 3.3025	+ .0025	- 8	- 9 45 46.58	1.31	5	...	- 0.519	+ .481	- 118
1042	1149	4538	ξ Herculis.....	4.0	54 (16)	...	...	...	2.3241	.0023	+ 66	+29 15 26.19	1.60	2	...	0.501	.341	- 27
1043	...	4537	4 Sagittarii.....	4.9	54 17.812	9.27	1	...	3.6621	.0026	+ 1	-23 48 29.38	9.27	1	...	0.499	.534	- 58
1044	1151	4541	γ Draconis.....	2.4	54 30.931	9.74	1	3	1.3930	.0031	- 9	+51 29 57.54	9.70	1	3	0.486	.203	- 26
1045	1152	4548	67 Ophiuchi.....	3.9	56 8.242	1.28	7	...	3.0040	.0021	+ 1	+ 2 56 7.49	1.28	7	...	0.338	.438	- 14
1046	1155	4559	τ Ophiuchi (as one mass)	4.8	17 58 10.907	0.80	4	...	+ 3.2646	+ .0020	+ 14	- 8 10 51.03	1.08	6	...	- 0.159	+ .476	- 40
1047	...	4567	Piazzi XVII. 342.....	6.8	17 59 39.399	9.95	2	...	3.6789	.0018	+ 7	-24 24 12.63	9.27	1	...	- 0.030	.536	- 16
1048	1158	4568	γ ² Sagittarii.....	2.8	18 0 1.690	2.49	1	...	3.8574	.0020	- 46	-30 25 33.44	2.49	1	...	+ 0.002	.561	- 194
1049	1159	4571	70 Ophiuchi.....	4.5	0 54.387	0.98	3	...	3.0137	.0033	+ 170	+ 2 31 13.43	0.98	3	...	0.079	.444	-1102
1050	...	4571*	70 Ophiuchi (Comes).....	6.0	0 54.511	0.19	2	...	3.0137	+ .0033	+ 170	+ 2 31 9.60	0.19	2	...	0.079	.444	-1102

ALTAZIMUTH CATALOGUE, 1910.0.

No.	Number in		Star's Name.	Magnitude.	Mean R.A., 1910.0.	Mean Date of Obs., 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion, Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs., 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion, Unit "001.
	Newcomb's Fundamental Catalogue, 1900.	Bess's P.G.C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
1051	1164	4591	δ Ursæ Minoris.....	4.4	18 1 (18)	...	...	...	-19.5150	-0.0440	+ 200	+86 36 50.93	1.47	35	21	+ 0.114	-2.840	+ 48
1052	...	4577	Piazzì XVII. 359....	4.7	2 22.950	2.42	1	...	+ 3.7971	+ 0.0013	+ 13	-28 28 4.43	2.42	1	...	0.208	+ .554	- 33
1053	1160	4581	72 Ophiuchi.....	3.7	3 4.970	2.07	2	...	+ 2.8477	+ 0.0018	- 42	+ 9 33 2.09	1.33	4	...	0.269	+ .414	+ 82
1054	1167	4605	24 Ursæ Minoris.....	6.0	4 6.240	2.13	...	1	-22.3860	- 1.480	+ 680	+86 59 44.09	2.13	...	1	0.356	-3.244	+ 7
1055	1166	4604	μ Sagittarii.....	4.0	8 22.915	1.56	2	...	+ 3.5874	+ 0.0007	+ 3	-21 4 58.73	1.01	6	...	0.733	+ .522	- 5
1056	1170	4620	Groombridge 2533....	5.6	18 12 50.689	1.45	3	...	+ 1.8657	+ 0.0020	- 5	+42 7 41.56	1.45	3	...	+ 1.123	+ .271	- 7
1057	1171	4623	36 Draconis.....	5.0	13 22.723	9.39	5	3	0.2921	- 0.0007	+ 532	+64 21 59.94	9.94	6	3	1.170	.057	+ 30
1058	1173	4628	δ Sagittarii.....	2.7	15 13.970	1.45	2	...	3.8383	.0009	+ 28	-29 52 1.88	1.45	2	...	1.332	.558	- 36
1059	...	4630	Lalande 33732.....	6.4	15 59.110	0.32	1	...	3.6929	.0006	+ 6	-24 57 21.94	0.32	1	...	1.397	.537	- 8
1060	...	...	Lalande 33738.....	7.0	16 18.500	1.52	1	...	3.7363	- 0.0007	...	-26 28 17.64	1.52	1	...	1.425	.544	...
1061	1174	4638	η Serpentinis.....	3.4	18 16 39.171	1.72	8	...	+ 3.1407	+ 0.0017	- 376	- 2 55 21.72	1.42	15	...	+ 1.455	+ .445	- 700
1062	1176	4649	Bradley 2308.....	5.9	18 23.498	1.11	6	...	2.5006	.0016	+ 11	+23 14 20.49	1.06	9	...	1.607	.363	+ 75
1063	1178	4656	109 Herculis.....	3.9	19 51.755	1.28	4	...	2.5420	.0021	+ 138	+21 43 41.46	1.28	4	...	1.735	.372	- 261
1064	1181	4661	μ Lyrae.....	5.0	21 15.883	1.94	3	...	+ 1.9772	+ 0.0018	- 18	+39 27 27.78	1.94	3	...	1.858	+ .286	- 10
1065	...	...	Radcliffe 3961.....	7.5	21 28.950	2.07	...	2	- 5.7668	- 0.880	+ 150	+81 26 17.88	2.07	...	2	1.876	- .836	+ 33
1066	1183	4670	φ Draconis.....	4.2	18 22 2.915	0.40	2	2	- 0.8552	- 0.0114	- 8	+71 17 24.22	0.25	2	2	+ 1.925	- .125	+ 32
1067	...	...	Lalande 33989.....	6.2	22 7.207	0.72	3	...	+ 3.7412	.0017	0	-26 41 18.77	0.72	3	...	1.932	+ .542	- 46
1068	1182	4665	λ Sagittarii.....	2.9	22 24.990	0.47	1	...	3.7062	.0012	- 35	-25 28 17.95	1.24	4	...	1.958	.536	- 191
1069	...	...	Lalande 34007.....	6.3	22 29.230	1.52	1	...	+ 3.7447	.0017	+ 18	-26 48 38.93	1.52	1	...	1.964	+ .543	- 32
1070	1185	4672	χ Draconis.....	3.6	22 40.740	1.61	1	...	- 1.1954	.0086	+ 1169	+72 41 37.28	1.61	3	...	1.982	- .141	- 367
1071	...	...	Lalande 34047.....	6.5	18 23 20.935	1.48	2	...	+ 3.7394	- 0.0018	- 63	-26 38 19.73	1.48	2	...	+ 2.038	+ .540	- 54
1072	1186	4674	Bradley 2313.....	4.7	24 4.060	2.71	1	...	3.4193	- 0.0006	+ 2	-14 37 26.56	2.71	1	...	2.102	+ .495	- 8
1073	1187	4678	ε Serpentinis.....	5.6	25 0.048	1.80	4	...	3.1199	+ 0.0004	+ 15	- 2 2 38.90	1.76	6	...	2.182	.452	- 31
1074	1189	4705	ι Aquilæ.....	4.1	30 18.606	1.41	6	...	3.2660	- 0.0001	- 15	- 8 18 27.52	1.55	9	...	2.643	.471	- 317
1075	1193	4722	α Lyrae.....	0.1	33 53.442	0.95	8	...	+ 2.0136	+ 0.0010	+ 174	+38 41 57.67	0.61	13	...	2.953	+ .294	+ 279
1076	1194	4724	Groombridge 2655....	6.0	18 34 6.100	1.92	3	...	- 2.8779	- 0.0554	- 8	+77 28 39.02	1.81	5	...	+ 2.972	- .416	- 5
1077	1195	4727	Piazzì XVIII. 173....	6.2	35 56.270	1.80	2	1	+ 0.1883	.0084	+ 16	+65 24 28.37	1.49	2	3	3.131	+ .026	+ 82
1078	1196	4731	2 Aquilæ.....	4.7	37 20.815	1.91	6	...	3.2846	.0012	+ 9	- 9 8 21.34	1.40	13	...	3.158	.471	- 4
1079	1199	4739	φ Sagittarii.....	3.3	40 2.107	0.86	7	...	3.7456	- 0.0044	+ 36	-27 5 1.77	0.86	7	...	3.484	.538	- 3
1080	1200	4747-8	ε ¹ Lyrae (as one mass)..	5.0	41 21.465	2.09	2	...	1.9863	+ 0.0012	+ 4	+39 34 33.14	2.09	2	...	3.598	.283	+ 54
1081	1201	4749	ε ² Lyrae (as one mass)..	4.6	18 41 23.878	9.58	1	...	+ 1.9881	+ 0.0012	+ 14	+39 31 5.12	9.58	1	...	+ 3.601	+ .284	+ 62
1082	1202	4753	110 Herculis.....	4.3	41 47.350	2.07	2	...	2.5823	+ 0.0016	- 15	+20 27 35.05	2.07	2	...	3.635	.368	- 344
1083	1204	4756	6 Aquilæ.....	4.5	42 24.025	1.11	2	...	3.1839	- 0.0010	- 7	- 4 50 42.09	1.84	7	...	3.688	.455	- 23
1084	1205	4761	111 Herculis.....	4.3	43 2.757	1.28	4	...	2.6439	+ 0.0008	+ 44	+18 4 50.94	1.06	6	...	3.743	.378	+ 106
1085	1207	4765	Groombridge 2671....	5.9	44 42.310	1.49	2	1	1.3397	- 0.0008	+ 16	+52 53 20.34	1.55	2	1	3.886	.190	- 16
1086	1208	4767	30 Sagittarii.....	6.2	18 45 26.060	0.62	1	...	+ 3.6090	- 0.0040	- 27	-22 15 57.33	0.62	1	...	+ 3.947	+ .514	- 24
1087	1209	4776	β ¹ Lyrae.....	var.	46 45.400	1.90	3	...	+ 2.2142	+ 0.0014	+ 3	+33 15 27.72	1.66	6	...	4.062	+ .315	- 7
1088	...	4782	Groombridge 2719....	5.5	48 1.868	9.54	2	...	- 1.4807	- 0.428	+ 20	+73 58 54.23	9.54	2	...	4.170	- .212	+ 81
1089	1212	4788	50 Draconis.....	5.5	49 17.138	1.89	3	4	- 1.9143	.0552	- 35	+75 19 41.84	1.73	3	6	4.277	- .275	+ 77
1090	1211	4784	σ Sagittarii.....	2.0	49 41.130	0.73	5	...	+ 3.7206	.0055	+ 6	-26 24 32.27	0.73	5	...	4.312	+ .528	- 66
1091	1213	4790	o Draconis.....	4.8	18 49 52.445	2.33	1	1	+ 0.8767	- 0.0046	+ 108	+59 16 40.96	2.18	1	1	+ 4.329	+ .126	+ 23
1092	1215	4802	θ Serpentinis.....	4.5	51 44.748	1.33	4	...	2.9794	.0005	+ 31	+ 4 5 8.98	1.33	4	...	4.487	.422	+ 27
1093	...	4803	Bradley 2377.....	5.4	51 46.225	1.14	2	...	2.9795	.0005	+ 29	+ 4 5 3.40	1.40	4	...	4.490	.422	+ 18
1094	...	...	B. D. + 4° 3919....	7.3	52 9.140	1.52	1	...	2.9781	- 0.0004	...	+ 4 8 58.76	1.52	1	...	4.525	.422	...
1095	1218	4814	R Lyrae.....	var.	52 35.836	9.58	1	...	+ 1.8234	+ 0.0006	+ 26	+43 49 38.02	9.58	1	...	4.560	+ .258	+ 72
1096	1221	4825	v Draconis.....	4.9	18 55 (30)	...	...	...	- 0.7337	- 0.0309	+ 110	+71 10 36.99	0.67	4	...	+ 4.808	- .102	+ 40
1097	1219	4823	ε Aquilæ.....	4.2	18 55 32.267	1.55	3	...	+ 2.7262	+ 0.0006	- 44	+14 56 44.08	1.05	9	...	4.810	+ .383	- 77
1098	...	...	Groombridge 2775....	7.0	19 0 48.075	9.54	2	...	- 1.4273	- 0.0522	+ 49	+74 0 17.80	9.54	2	...	5.257	- .203	- 64
1099	1226	4858	ζ Aquilæ.....	3.0	1 16.440	1.58	2	...	+ 2.7576	+ 0.0004	- 6	+13 43 43.84	1.58	2	...	5.296	+ .386	- 102
1100	1225	4857	τ Sagittarii.....	3.4	1 19.260	0.70	1	...	3.7521	- 0.0072	- 45	-27 48 (10)	...	...	...	5.300	.525	- 260

No.	Number in		Star's Name.	Magnitude.	Mean R. A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "001.
	Newcomb's Fundamental Catalogue, 1900.	Bess's P. G. C., 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
1101	1227	4859	λ Aquilæ ...	3.6	19 1 28.480	0.62	1	...	+ 3.1857	-.0021	- 17	- 5 1 4.64	0.62	1	...	+ 5.313	+ .446	- 90
1102	...	...	Lalande 35879.....	7.3	3 36.149	9.65	1	...	2.1390	+ .0011	...	+35 59 16.69	9.65	1	...	5.492	.333	...
1103	1229	4872	17 Lyræ	5.3	4 1.350	1.66	1	...	2.2586	.0012	+ 95	+32 21 33.66	1.66	1	...	5.528	.317	+ 13
1104	1230	4873	1 Lyræ	5.1	4 5.480	0.55	3	...	2.1407	+ .0012	- 6	+35 57 31.38	0.55	3	...	5.533	.298	- 6
1105	1231	4874	π Sagittarii.....	3.0	4 24.780	1.65	1	...	3.5697	-.0059	- 4	-21 10 4.14	1.65	1	...	5.560	.498	- 40
1106	1234	4885	19 Lyræ	5.8	19 8 18.873	0.83	4	...	+ 2.3009	+ .0012	- 9	+31 7 58.17	0.83	4	...	+ 5.887	+ .318	- 7
1107	...	...	Lalande 36381.....	7.0	8 24.270	2.08	...	1	- 0.8423	-.0417	...	+71 55 39.15	2.08	...	2	5.895	-.120	...
1108	1235	4887	21 Aquilæ	5.1	9 (10)	...	...	...	+ 3.0248	.0015	- 2	+ 2 8 23.24	1.00	6	...	5.959	+ .419	- 6
1109	1236	4890	55 Draconis.....	6.5	9 25.600	1.20	...	1	0.2306	.0177	+ 2	+65 49 40.14	1.20	...	1	5.980	.030	+ 29
1110	1237	4891	ψ Sagittarii.....	5.1	10 1.432	1.22	5	...	3.6780	.0079	+ 30	-25 24 44.50	1.08	4	...	6.030	.510	- 35
1111	...	...	C. P. D. - 25° 6742	8.4	19 10 53.100	1.52	1	...	+ 3.6797	-.0079	...	-25 30 (9)	...	...	...	+ 6.103	+ .510	...
1112	1255	4971	λ Ursæ Minoris.....	6.6	10 (58)	...	...	...	-70.2930	24.5710	-1070	+89 0 22.03	1.21	12	5	6.108	-9.792	+ 10
1113	1238	4902	22 Aquilæ.....	5.4	12 3.820	0.92	3	...	+ 2.9686	.0012	+ 6	+ 4 40 31.19	1.41	8	...	6.200	+ .409	- 14
1114	1239	4903	δ Sagittarii.....	5.0	12 22.200	2.72	1	...	+ 3.5128	.0062	- 9	-19 6 48.36	2.72	1	...	6.225	+ .484	- 19
1115	...	4911	59 Draconis	5.2	12 (29)	...	...	...	- 2.1818	.0897	+ 134	+76 24 39.91	1.74	2	...	6.235	-.300	- 127
1116	1240	4909	δ Draconis	3.2	19 12 32.150	2.16	...	1	+ 0.0059	-.0235	+ 173	+67 30 11.86	1.36	...	5	+ 6.239	+ .003	+ 89
1117	1242	4914	ω Aquilæ.....	5.1	13 35.567	1.29	3	...	+ 2.8161	.0004	- 1	+11 25 57.45	1.69	7	...	6.327	.387	+ 11
1118	1243	4923	κ Cygni.....	4.0	15 1.367	1.02	1	2	+ 1.3808	.0030	+ 71	+53 12 9.08	1.19	1	2	6.446	+ .190	+ 117
1119	1248	4940	τ Draconis.....	4.7	17 (17)	...	...	...	- 1.1017	.0588	- 319	+73 11 19.68	1.68	2	...	6.633	-.162	+ 110
1120	...	4941	Piazzi XIX. 84.....	6.0	18 53.640	1.63	2	...	+ 3.7426	.0102	- 4	-28 2 26.51	1.63	2	...	6.766	+ .511	- 2
1121	1250	4950	δ Aquilæ.....	3.4	19 20 40.730	1.15	2	...	+ 2.8116	-.0012	+ 494	+11 45 4.77	1.15	2	...	+ 6.913	+ .395	+ 631
1122	1251	4953	δ Aquilæ.....	5.2	20 57.668	1.10	7	...	3.0082	-.0019	+ 169	+ 2 56 4.68	1.38	14	...	6.935	.414	+ 77
1123	1256	4972	4 Cygni.....	5.2	22 54.670	0.47	1	...	2.1599	+ .0010	+ 5	+36 8 14.18	0.47	1	...	7.095	.292	+ 6
1124	...	4973	Mayer 808.....	5.6	24 18.285	1.52	2	...	3.7126	-.0104	+ 10	-27 10 13.02	1.52	2	...	7.208	.503	- 48
1125	1257	4976	α Vulpeculæ.....	4.6	24 57.630	1.46	5	...	2.5053	+ .0010	- 93	+24 28 55.86	1.65	7	...	7.262	.335	- 113
1126	1258	4983	ϵ Aquilæ.....	5.3	19 25 57.515	2.13	2	...	+ 3.1372	-.0031	+ 6	- 2 58 37.36	2.13	2	...	+ 7.343	+ .423	- 13
1127	1259	4986	β Cygni.....	3.0	27 5.495	1.66	2	...	+ 2.4190	+ .0010	- 2	+27 46 12.73	1.66	2	...	7.435	+ .324	- 9
1128	1261	4990	Groombridge 2900.....	6.3	27 9.090	3.22	...	1	- 3.5731	-.1957	+ 92	+79 25 23.94	2.52	...	3	7.441	-.481	- 37
1129	1260	4988	ι^2 Cygni.....	3.9	27 26.225	0.45	1	1	+ 1.5111	.0026	+ 21	+51 32 16.76	0.54	1	1	7.463	+ .202	+ 124
1130	1264	4995	μ Aquilæ.....	4.7	29 41.613	1.26	6	...	2.9168	.0012	+ 143	+ 7 11 14.45	1.96	7	...	7.646	.394	- 152
1131	1265	4999	λ^2 Sagittarii.....	4.7	19 31 13.981	0.55	3	...	+ 3.6492	-.0104	+ 53	-25 4 57.33	0.95	5	...	+ 7.771	+ .489	- 25
1132	...	...	C.P.D. - 25° 6848.	8.6	31 33.710	1.52	1	...	3.6537	.0105	...	-25 16 (34)	...	...	...	7.798	.490	...
1133	1266	5003	κ Aquilæ.....	5.0	32 3.048	1.45	5	...	3.2285	.0045	+ 2	- 7 13 42.15	1.58	9	...	7.837	.430	- 2
1134	1267	5010	ϵ Sagittæ.....	5.8	33 12.990	2.66	2	...	2.7146	.0001	+ 10	+16 15 36.41	2.66	2	...	7.930	.361	+ 13
1135	1269	5014	θ Cygni.....	4.5	34 1.439	9.58	1	...	1.6114	.0023	- 29	+50 0 (44)	...	...	...	7.995	.211	+ 247
1136	1270	5018	σ Aquilæ.....	5.2	19 34 45.130	1.85	4	...	+ 2.9613	-.0018	- 1	+ 5 11 31.35	1.48	8	...	+ 8.053	+ .392	0
1137	1271	5019	ϵ^1 Sagittarii.....	5.5	35 34.130	1.15	2	...	3.4345	-.0074	+ 46	-16 30 1.27	9.90	3	...	8.119	.456	- 54
1138	1272	5024	14 Cygni.....	5.4	36 30.671	1.88	5	...	1.9507	+ .0005	+ 19	+42 36 35.34	1.88	5	...	8.195	.257	+ 24
1139	1273	5027	β Sagittæ.....	4.5	37 0.520	1.60	1	...	2.6938	+ .0001	+ 1	+17 16 2.92	1.60	1	...	8.234	.355	- 38
1140	1274	5028	ϵ^2 Sagittarii.....	5.2	37 22.424	9.50	1	...	3.4294	-.0076	+ 42	-16 20 6.67	1.01	3	...	8.263	.454	- 17
1141	1277	5039	10 Vulpeculæ.....	5.5	19 39 58.402	1.41	4	...	+ 2.4933	+ .0009	+ 4	+25 33 22.18	1.41	4	...	+ 8.470	+ .326	+ 13
1142	1281	5045	15 Cygni.....	5.1	41 1.780	1.68	1	...	2.1573	+ .0011	+ 57	+37 8 9.24	1.68	1	...	8.553	.282	+ 34
1143	1280	5044	f Sagittarii.....	5.1	41 6.880	2.60	1	...	3.5119	-.0091	- 95	-19 58 40.21	2.60	1	...	8.560	.457	- 96
1144	1282	5047	γ Aquilæ.....	2.8	41 58.830	2.22	4	...	2.8513	-.0011	+ 9	+10 23 36.13	1.63	16	...	8.628	.372	- 4
1145	1283	5048	δ Cygni.....	2.8	42 9.713	0.69	2	...	1.8705	+ .0001	+ 50	+44 54 38.85	1.02	3	...	8.643	.244	+ 37
1146	1284	5052	δ Sagittæ.....	3.8	19 43 22.537	1.10	2	...	+ 2.6745	+ .0001	+ 1	+18 18 43.00	1.10	2	...	+ 8.739	+ .348	+ 9
1147	1285	5058	ζ Sagittæ.....	5.0	44 58.955	2.16	2	...	2.6618	+ .0002	+ 13	+18 54 57.35	2.16	2	...	8.865	.345	+ 25
1148	1286	5062	α Aquilæ.....	0.6	46 23.480	2.22	2	...	2.8911	-.0018	+ 361	+ 8 37 48.92	1.73	8	...	8.975	.383	+ 381
1149	1288	5071	η Aquilæ.....	var.	47 53.303	1.60	3	...	+ 3.0565	.0030	+ 5	+ 0 46 27.35	1.99	5	...	9.091	+ .394	- 9
1150	1290	5079	ϵ Draconis.....	3.9	48 (29)	...	...	...	- 0.2023	.0442	+ 158	+70 2 19.32	1.24	...	2	9.138	-.025	+ 31

ALTAZIMUTH CATALOGUE, 1910'0.

No.	Number in		Star's Name.	Magnitude.	Mean R.A., 1910'0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910'0.	Secular Variation, 1910'0.	Annual Proper Motion, Unit "0001.	Mean Declination, 1910'0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910'0.	Secular Variation, 1910'0.	Annual Proper Motion, Unit "0001.
	Newcomb's Fundamental Catalogue, 1900.	Boss's P.G.C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
1151	...	5076	Lalande 37813.....	6'3	19 48 54'550	0'62	1	...	+ 3'6058	- '0112	- 94	-24 9 54'10	0'62	1	...	+ 9'171	+ '462	- 411
1152	...	5091	ω Sagittarii.....	4'8	50 19'762	1'66	5	...	3'6641	'0134	+ 156	-26 32 19'69	1'66	5	...	9'281	'474	+ 83
1153	1292	5093	β Aquilæ.....	3'8	50 53'568	1'92	4	...	2'9444	'0015	+ 23	+ 6 10 52'44	1'64	4	...	9'326	'377	- 483
1154	1293	5099	φ Aquilæ.....	5'4	51 58'557	0'94	3	...	2'8392	'0011	+ 13	+11 11 3'36	0'94	3	...	9'409	'362	+ 8
1155	1294	5101	g Sagittarii.....	5'1	52 50'865	1'55	2	...	3'4043	'0084	+ 4	-15 43 51'00	1'55	2	...	9'476	'434	- 90
1156	1295	5105	ψ Cygni.....	4'8	19 53 18'310	0'11	...	1	+ 1'5559	- '0026	- 44	+52 11 58'53	0'11	...	1	+ 9'512	+ '195	- 31
1157	...	5104	A Sagittarii.....	5'0	53 28'328	1'39	4	...	3'6572	'0135	+ 18	-26 26 22'77	1'39	4	...	9'525	'466	+ 29
1158	...	5111	Lalande 38048.....	7'1	54 14'307	9'50	1	...	3'5576	- '0015	- 1	-22 27 21'08	9'50	1	...	9'583	'452	+ 11
1159	1297	5118	γ Sagittæ.....	3'7	54 45'307	2'06	3	...	2'6632	+ '0002	+ 42	+19 14 50'53	2'06	3	...	9'623	'338	+ 16
1160	1299	5129	c Sagittarii.....	4'6	57 7'590	1'81	1	...	3'6913	- '0148	+ 27	-27 57 (39)	...	...	...	9'805	'467	+ 10
1161	1300	5132	15 Vulpeculæ.....	4'7	19 57 23'630	0'86	4	...	+ 2'4660	+ '0012	+ 39	+27 30 15'66	0'86	4	...	+ 9'825	+ '310	+ 6
1162	1304	5143	τ Aquilæ.....	5'9	19 59 44'612	1'65	4	...	+ 2'9298	- '0020	+ 9	+ 7 1 25'00	1'65	4	...	10'004	+ '367	+ 21
1163	...	5154	69 Draconis.....	6'6	20 2 9'070	0'76	1	...	- 1'6244	- '1278	- 61	+76 13 50'24	0'76	1	...	10'186	- '208	- 55
1164	1307	5170	b ² Cygni.....	4'8	6 5'060	1'70	2	...	+ 2'2275	+ '0016	- 4	+36 34 27'20	1'70	2	...	10'480	+ '272	+ 9
1165	1308	5171	θ Aquilæ.....	3'4	6 39'750	1'11	2	...	3'0942	- '0042	+ 21	- 1 5 21'02	9'50	1	...	10'523	'381	+ 3
1166	1309	5178	20 Vulpeculæ.....	6'0	20 8 14'285	1'63	2	...	+ 2'5150	+ '0012	- 3	+26 12 32'93	1'63	2	...	+10'641	+ '307	- 16
1167	1310	5179	66 Aquilæ.....	5'7	8 35'055	2'22	2	...	3'0978	- '0043	+ 12	- 1 16 47'06	2'22	2	...	10'666	'378	- 24
1168	1311	5182	ρ Aquilæ.....	5'0	10 6'710	2'72	1	...	2'7722	- '0005	+ 36	+14 55 22'91	2'72	1	...	10'779	'337	+ 51
1169	1313	5186	o ¹ Cygni.....	4'9	10 28'340	1'76	1	...	1'8846	+ '0004	+ 14	+46 32 34'89	1'76	1	...	10'806	'227	- 9
1170	1314	5187	o ² Cygni.....	3'9	10 47'760	1'68	1	...	+ 1'8887	+ '0004	+ 2	+46 28 5'05	1'68	1	...	10'830	+ '227	+ 1
1171	1318	5199	κ Cephei.....	4'4	20 11 56'350	2'78	1	...	- 1'9594	- '1676	+ 38	+77 26 25'87	2'13	3	...	+10'914	- '241	+ 26
1172	1316	5197	α Capricorni.....	4'5	12 39'634	1'13	4	...	+ 3'3264	'0085	+ 10	-12 47 14'02	0'92	3	...	10'966	+ '402	+ 6
1173	1317	5198	4 Capricorni.....	6'1	12 44'315	1'78	4	...	3'5264	'0128	+ 23	-22 5 19'24	1'78	4	...	10'972	'427	- 34
1174	1320	5202	α ² Capricorni.....	3'8	13 3'769	1'37	7	...	3'3269	- '0085	+ 40	-12 49 28'75	1'38	12	...	10'996	'403	+ 5
1175	...	5203	Groombridge 3110.....	6'1	13 5'560	0'70	1	...	1'9433	+ '0009	+ 2	+45 18 11'98	0'70	1	...	10'998	'232	- 58
1176	...	5215	Bradley 2607.....	6'7	20 15 43'214	9'50	1	...	+ 3'3710	- '0096	+ 29	-15 4 (9)	...	...	...	+11'189	+ '404	+ 2
1177	...	...	Groombridge 3133.....	7'5	15 52'660	1'67	1	...	2'1755	+ '0019	- 11	+38 59 26'04	1'67	1	...	11'200	'257	+ 6
1178	1321	5216	β Capricorni.....	3'3	15 57'380	1'41	4	...	3'3708	- '0096	+ 24	-15 3 58'21	1'01	6	...	11'206	'404	+ 1
1179	1323	5220	Groombridge 3140.....	6'5	16 59'460	2'25	2	...	2'1742	+ '0019	- 7	+39 7 7'48	2'25	2	...	11'282	'257	- 20
1180	1325	5229	γ Cygni.....	2'3	18 59'890	1'69	7	...	2'1522	+ '0019	+ 1	+39 58 6'00	1'69	7	...	11'426	'253	- 3
1181	1328	5240	π Capricorni.....	5'3	20 22 10'289	1'23	4	...	+ 3'4365	- '0116	+ 7	-18 30 26'06	1'71	2	...	+11'653	+ '404	- 13
1182	1329	5244	ρ Capricorni.....	5'0	23 43'685	1'22	4	...	3'4264	- '0115	- 10	-18 6 42'51	1'35	6	...	11'764	'400	- 22
1183	1330	5249	40 Cygni.....	5'8	24 14'165	2'18	2	...	2'2240	+ '0023	- 16	+38 8 38'60	2'18	2	...	11'800	'257	- 71
1184	...	5248	Piazzi XX. 146.....	6'2	24 14'662	9'99	2	...	3'5242	- '0140	+ 9	-22 41 25'99	9'99	2	...	11'800	'411	- 26
1185	1331	5254	69 Aquilæ.....	5'1	24 56'810	1'68	1	...	3'1326	- '0054	+ 42	- 3 11 8'09	1'11	7	...	11'850	'365	- 21
1186	1332	5255	41 Cygni.....	4'1	20 25 43'057	2'03	3	...	+ 2'4500	+ '0020	+ 7	+30 4 3'64	2'03	3	...	+11'904	+ '283	- 4
1187	1333	5258	42 Cygni.....	6'1	25 54'410	2'65	1	...	2'2873	+ '0023	+ 9	+36 9 14'88	2'65	1	...	11'917	'264	- 8
1188	...	...	Piazzi XX. 165.....	7'0	26 57'700	2'12	2	...	3'5764	- '0156	...	-25 10 29'49	2'12	2	...	11'991	'413	...
1189	1334	5265	ω ² Cygni.....	4'9	27 16'230	1'11	3	...	1'8569	+ '0004	+ 9	+48 38 55'23	0'78	2	...	12'013	'212	+ 4
1190	...	5262	Mayer 866.....	6'2	27 31'040	1'56	4	...	3'5766	- '0157	+ 7	-25 14 52'97	1'56	4	...	12'030	'413	- 54
1191	1336	5270	θ Cephei.....	4'3	20 28 4'430	1'45	1	1	+ 1'0059	- '0152	+ 66	+62 41 29'32	1'42	1	2	+12'069	+ '114	- 18
1192	1337	5272	ε Delphini.....	4'0	28 54'816	1'17	8	...	+ 2'8658	'0013	+ 6	+10 59 48'64	1'33	10	...	12'128	+ '328	- 26
1193	1340	5280	Groombridge 3241.....	6'6	30 24'450	2'18	2	1	- 0'2305	'0677	- 2	+72 13 36'27	1'95	4	1	12'231	- '031	- 25
1194	1342	5282	ζ Delphini.....	4'7	31 6'010	0'92	5	...	+ 2'8020	'0005	+ 26	+14 21 47'78	0'92	5	...	12'280	+ '319	+ 4
1195	...	...	Lalande 39714.....	6'3	32 30'835	1'54	4	...	+ 3'5722	'0163	+ 63	-25 25 23'10	1'54	4	...	12'377	'406	+ 7
1196	1343	5290	73 Draconis.....	5'3	20 32 42'580	2'20	...	2	- 0'7535	- '1021	+ 27	+74 38 45'89	2'20	...	2	+12'389	- '090	- 12
1197	1344	5291	β Delphini.....	3'7	33 19'670	2'72	2	...	+ 2'8057	'0004	+ 74	+14 16 53'74	2'72	2	...	12'433	+ '318	- 37
1198	...	...	Lalande 39816.....	6'3	34 50'520	0'48	1	...	3'5391	'0163	+ 376	-24 6 11'05	0'48	1	...	12'537	'406	+ 462
1199	...	5307	Bradley 2667.....	5'9	34 54'452	1'34	5	...	2'7830	'0001	- 1	+15 31 17'96	1'35	3	...	12'541	'312	- 25
1200	1348	5306	ν Capricorni.....	5'3	34 55'760	1'72	3	...	3'4205	'0122	- 20	-18 27 21'52	1'72	3	...	12'542	'384	- 21

No.	Number in		Star's Name.	Magnitude.	Mean R.A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Preces- sion, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "001.
	Newcomb's Fundamental Catalogue, 1900.	Boss's P. G. C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
1201	1349	5310	α Delphini.....	3.9	20 35 27.458	2.09	5	...	+ 2.7821	- .0001	+ 44	+15 35 38.67	2.00	6	...	+12.578	+ .312	- 8
1202	1352	5320	α Cygni	1.3	38 21.734	1.03	8	...	2.0442	+ .0022	0	+44 57 30.52	1.03	8	...	12.775	.224	- 1
1203	1353	5323	δ Delphini.....	4.5	39 15.427	1.85	6	...	2.8023	- .0002	- 16	+14 45 4.02	1.82	7	...	12.836	.308	- 51
1204	1354	5328	ψ Capricorni.....	4.3	40 46.200	1.33	3	...	3.5615	.0167	- 42	-25 35 42.18	1.33	3	...	12.837	.391	- 159
1205	...	5329	17 Capricorni.....	5.9	40 57.075	0.56	2	...	3.4814	- .0145	+ 15	-21 50 27.58	0.56	2	...	12.948	.383	- 16
1206	...	5334	γ Delphini (Comes)....	5.4	20 42 28.240	2.71	1	...	+ 2.7855	+ .0002	- 14	+15 47 58.28	2.71	1	...	+13.050	+ .303	- 194
1207	1356	5335	γ Delphini	4.4	42 29.020	2.39	3	...	2.7855	+ .0002	- 23	+15 47 57.99	2.70	2	...	13.051	.302	- 204
1208	...	...	W. B. XX. 1005.....	8.4	42 29.450	1.67	1	...	3.1687	- .0065	...	- 5 24 47.21	1.67	1	...	13.051	.346	...
1209	1357	5336	ϵ Cygni	2.5	42 34.115	1.64	2	...	2.3980	+ .0028	+ 288	+33 37 57.58	1.64	2	...	13.057	.267	+ 322
1210	1358	5337	ϵ Aquarii.....	3.8	42 48.332	1.74	11	...	3.2480	- .0084	+ 19	- 9 49 32.82	1.94	14	...	13.072	.354	- 34
1211	1359	5338	3 Aquarii.....	4.6	20 42 59.320	1.67	1	...	+ 3.1673	- .0065	- 4	- 5 21 30.48	1.67	1	...	+13.085	+ .345	- 39
1212	1360	5344	Piazzi XX. 332.....	4.6	43 7.140	0.62	1	...	1.4989	.0040	- 83	+57 15 23.95	0.62	1	...	13.093	.158	- 232
1213	1361	5346	η Cephei.....	3.6	43 27.655	0.92	1	1	1.2118	- .0145	+ 133	+61 29 19.96	1.66	1	6	13.116	.131	- 820
1214	1362	5350	λ Cygni.....	4.7	43 54.160	2.70	1	...	2.3351	+ .0032	+ 3	+36 9 33.71	2.70	1	...	13.145	.252	- 11
1215	1363	5363	ω Capricorni.....	4.2	46 27.202	1.94	4	...	3.5873	- .0184	- 6	-27 15 23.36	1.94	4	...	13.313	.386	- 14
1216	...	5368	Piazzi XX. 339.....	6.2	20 47 44.613	1.28	3	...	+ 3.5177	- .0163	+ 67	-24 7 14.76	1.28	3	...	+13.397	+ .378	- 56
1217	1366	5371	μ Aquarii	4.8	47 48.035	1.28	6	...	+ 3.2357	.0083	+ 25	- 9 19 17.47	1.51	12	...	13.401	+ .346	- 35
1218	1368	5377	76 Draconis.....	5.7	49 9.323	1.84	2	1	- 4.1430	- .5375	+ 163	+82 11 55.07	2.08	2	5	13.489	- .442	+ 26
1219	1369	5379	32 Vulpeculae.....	3.2	50 43.433	1.74	9	...	+ 2.5564	+ .0026	- 7	+27 42 52.90	2.65	3	...	13.590	+ .268	- 2
1220	...	...	Oeltz. Arg. (N.) 21378-9	8.0	51 23.040	0.79	1	...	- 0.0554	- .0700	...	+72 36 24.81	0.79	1	...	13.632	- .011	...
1221	1371	5388	Bradley 2749.....	5.7	20 51 42.203	2.42	3	...	- 2.6016	- .3166	- 101	+80 12 55.18	2.42	3	...	+13.652	- .282	- 30
1222	1370	5386	7 Aquarii.....	5.8	52 2.314	1.67	4	...	+ 3.2456	- .0087	- 10	-10 2 34.53	1.67	4	...	13.674	+ .341	- 14
1223	1373	5393	ν Cygni.....	4.0	53 49.060	0.76	1	...	2.2346	+ .0038	+ 4	+40 49 13.06	0.76	1	...	13.787	.231	- 24
1224	...	...	B. D. + 47° 3240.....	7.5	55 12.590	2.72	1	...	2.0286	+ .0031	...	+47 16 (6)	...	...	...	13.875	.209	...
1225	1374	5402	1 Piscis Australis.....	4.7	55 46.395	1.83	2	...	+ 3.6881	- .0235	+ 6	-32 36 36.51	1.83	2	...	13.911	+ .383	+ 4
1226	...	...	Bradley 2748.....	6.2	20 55 48.475	0.40	1	1	- 0.6687	- .1179	+ 136	+75 34 38.84	0.40	1	1	+13.913	- .075	+ 24
1227	1375	5410	f^1 Cygni.....	4.9	56 45.827	2.16	6	1	+ 2.0388	+ .0032	+ 7	+47 10 9.39	2.14	6	(1)	13.973	+ .208	+ 3
1228	1377	5417	η Capricorni.....	4.9	20 59 17.145	1.39	6	...	3.4215	- .0142	- 30	-20 12 40.04	1.39	6	...	14.130	.348	- 43
1229	...	...	Lalande 40806.....	6.6	21 0 12.211	9.73	1	...	3.0410	.0040	...	+ 1 54 46.06	9.73	1	...	14.186	.310	...
1230	1378	5427	θ Capricorni.....	4.2	0 53.387	1.42	10	...	3.3709	- .0128	+ 57	-17 35 27.95	1.06	8	...	14.229	.342	- 66
1231	1380	5431	ξ Cygni.....	3.9	21 1 39.370	2.30	5	...	+ 2.1801	+ .0042	+ 6	+43 34 6.80	2.30	5	...	+14.277	+ .218	- 3
1232	1381	5433	61 Cygni.....	5.6	2 51.710	1.71	3	...	2.3360	.0100	+3529	+38 18 22.27	1.71	3	...	14.354	.300	+3245
1233	...	5434	61 Cygni (Comes).....	6.3	2 53.297	1.71	3	...	2.3354	+ .0023	+3509	+38 18 8.20	1.71	3	...	14.358	.326	+3079
1234	...	5435	χ Capricorni.....	5.4	3 24.482	2.16	4	...	3.4403	- .0152	+ 14	-21 33 20.83	2.16	4	...	14.383	.344	- 57
1235	1382	5436	f^2 Cygni.....	4.8	3 30.020	1.75	3	...	2.0647	+ .0038	+ 11	+47 17 11.04	1.75	3	...	14.389	.204	- 8
1236	...	5438	27 Capricorni.....	6.5	21 4 24.350	1.53	1	...	+ 3.4267	- .0148	+ 87	-20 55 5.51	1.53	1	...	+14.444	+ .343	- 126
1237	1384	5441	ν Aquarii.....	4.5	4 41.614	1.08	5	...	3.2648	.0098	+ 63	-11 44 11.58	1.08	5	...	14.463	.326	- 13
1238	1385	5443	γ Equulei.....	4.8	5 57.928	1.70	4	...	+ 2.9141	.0011	+ 36	+ 9 46 6.56	1.71	5	...	14.539	+ .288	- 161
1239	1387	5450	Bradley 2777.....	6.1	7 19.260	2.77	...	2	- 1.1426	.1764	+ 83	+77 45 41.35	2.77	...	2	14.620	- .117	+ 33
1240	1386	5448	3 Piscis Australis.....	5.7	7 57.265	2.26	2	...	+ 3.5570	- .0200	+ 71	-27 59 12.54	2.26	2	...	14.658	+ .350	- 138
1241	1389	5452	ζ Cygni.....	3.4	21 9 6.300	1.45	10	...	+ 2.5521	+ .0040	- 2	+29 51 26.37	1.48	8	...	+14.727	+ .247	- 59
1242	1390	5453	Piazzi XXI. 51.....	5.7	9 30.757	0.33	5	1	1.5291	- .0042	- 5	+59 36 58.06	0.40	5	1	14.751	.145	+ 3
1243	...	5456	ϕ Capricorni.....	5.4	10 30.630	1.53	1	...	3.4187	- .0152	+ 5	-21 1 32.33	1.53	1	...	14.810	.331	- 2
1244	1391	5460	τ Cygni.....	3.8	11 11.813	1.65	3	...	2.3797	+ .0046	+ 133	+37 39 39.00	1.65	3	...	14.850	.230	+ 427
1245	1392	5461	α Equulei.....	4.1	11 19.537	1.73	10	...	2.9960	- .0027	+ 38	+ 4 52 30.60	1.27	19	...	14.858	.289	- 87
1246	1394	5469	σ Oygni.....	4.3	21 13 52.790	1.52	4	...	+ 2.3545	+ .0053	- 4	+39 1 1.62	1.52	4	...	+15.006	+ .222	- 6
1247	1395	5471	ν Cygni.....	4.4	14 12.988	2.76	4	...	2.4642	.0050	+ 16	+34 31 6.88	2.76	4	...	15.026	.232	- 21
1248	...	...	W. B. XXI. 308.....	8.5	15 21.210	2.78	1	...	2.4673	.0050	...	+34 32 20.75	2.78	1	...	15.092	.232	...
1249	...	5478	Groombridge 3432.....	5.8	16 22.806	9.73	3	...	2.0613	+ .0048	+ 14	+49 7 44.74	9.73	3	...	15.151	.191	- 4
1250	1397	5480	α Cephei.....	2.4	16 25.895	1.74	2	...	1.4129	- .0069	+ 217	+62 12 15.14	1.74	2	...	15.154	.133	+ 49

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No.	Number in		Star's Name.	Magnitude.	Mean R. A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Vari- ation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Preces- sion, 1910.0.	Secular Vari- ation, 1910.0.	Annual Proper Motion. Unit "001.
	Newcomb's Fundamental Catalogue, 1900.	Boss's P. G. C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
1251	...	...	W. B. XXI. 347.....	8.5	h m s 21 16 50.750	0.85	1	...	+ 3.0346	- .0036	...	+ 2 30 16.07	0.85	1	...	+15.175	+ .285	..
1252	1398	5484	Capricorni.....	4.3	17 14.238	1.40	3	...	+ 3.3425	.0130	+ 22	-17 13 5.52	1.64	2	...	15.199	+ .313	+ 6
1253	1402	5499	Groombridge 3548...	7.4	17 (38)	...	...	...	-11.8530	-3.3880	+ 220	+86 39 57.37	1.35	23	16	15.223	-1.127	+ 13
1254	1399	5489	Pegasi.....	4.2	17 55.458	0.44	4	...	+ 2.7664	+ .0019	+ 72	+19 25 8.80	0.44	4	...	15.239	+ .258	+ 58
1255	...	...	W. B. XXI. 396.....	6.5	20 0.960	0.85	1	...	2.9241	- .0010	...	+ 9 48 11.86	0.85	1	...	15.357	.270	...
1256	1403	5507	Capricorni.....	3.8	21 21 31.870	2.73	1	...	+ 3.4308	- .0166	...	-22 48 5.34	2.73	1	...	+15.442	+ .313	+ 23
1257	1404	5512	69 Cygni.....	5.8	22 6.323	1.79	3	...	2.4490	+ .0058	+ 2	+36 16 41.79	1.79	3	...	15.474	.221	- 11
1258	...	5510	35 Capricorni.....	6.2	22 8.800	1.68	2	...	3.4085	- .0158	- 18	-21 35 9.60	1.68	2	...	15.476	.310	- 27
1259	1405	5513	b Capricorni.....	4.6	23 35.690	2.78	1	...	3.4165	.0163	+ 95	-22 11 57.30	2.78	1	...	15.556	.310	- 8
1260	...	5520	Mayer 916.....	6.8	24 56.640	0.70	2	...	3.3696	- .0144	+ 17	-19 32 28.30	0.70	2	...	15.630	.302	- 34
1261	1406	5523	g Cygni.....	5.3	21 26 7.517	1.04	3	...	+ 2.2073	+ .0064	+ 44	+46 8 36.69	1.04	3	...	+15.696	+ .195	+ 104
1262	...	...	Lalande 41897.....	6.8	26 17.280	1.64	1	...	2.2116	+ .0065	...	+46 1 53.02	1.64	1	...	15.707	.194	...
1263	1407	5527	β Aquarii.....	3.1	26 49.341	2.04	10	...	3.1591	- .0071	+ 10	- 5 58 3.57	1.89	11	...	15.733	.280	- 7
1264	1409	5532	β Cephei.....	3.3	27 30.270	2.18	3	2	+ 0.7852	.0351	+ 22	+70 9 55.28	2.09	3	2	15.770	+ .065	+ 5
1265	...	5536	Groombridge 3508...	7.7	28 (52)	...	...	...	- 0.2131	.1092	+ 48	+76 0 29.46	1.27	...	2	15.844	- .024	- 28
1266	...	5537	37 Capricorni.....	6.0	21 29 47.917	2.07	4	...	+ 3.3768	- .0152	- 18	-20 29 10.08	2.07	4	...	+15.893	+ .294	+ 24
1267	...	...	Lalande 42034.....	8.0	29 55.827	1.16	2	...	2.4337	+ .0068	...	+38 7 39.26	9.66	1	...	15.900	.209	...
1268	1412	5543	p Cygni.....	4.2	30 35.720	1.84	3	...	2.2562	.0073	- 26	+45 11 36.52	1.84	3	...	15.935	.193	- 95
1269	1414	5546	72 Cygni.....	5.0	31 5.886	1.33	5	...	2.4379	+ .0068	+ 98	+38 7 48.42	1.33	5	...	15.962	.210	+ 91
1270	...	5549	e Capricorni.....	4.7	32 2.490	0.48	1	...	3.3631	- .0148	+ 6	-19 52 10.93	0.48	1	...	16.012	.290	- 2
1271	1415	5551	ξ Aquarii.....	4.8	21 32 57.731	1.99	13	...	+ 3.1886	- .0082	+ 75	- 8 15 29.77	1.73	17	...	+16.060	+ .274	- 24
1272	1416	5553	74 Cygni.....	5.2	33 20.425	2.30	2	...	2.4027	+ .0072	- 4	+40 0 32.28	2.30	2	...	16.080	.203	+ 8
1273	1417	5562	γ Capricorni.....	3.8	35 6.415	0.71	2	...	3.3150	- .0131	+ 131	-17 4 8.93	0.81	3	...	16.172	.282	- 21
1274	1419	5565	Piazzi XXI 248.....	6.2	36 10.098	2.57	5	...	1.8604	+ .0040	+ 5	+57 4 54.83	2.57	5	...	16.226	.153	+ 2
1275	1421	5570	κ Capricorni.....	4.8	37 38.090	1.79	3	...	3.3445	- .0145	+ 100	-19 16 37.51	1.27	4	...	16.301	.279	- 7
1276	...	5575	Mayer 928.....	6.4	21 38 11.660	0.63	1	...	+ 3.3552	- .0150	+ 58	-20 1 55.23	0.63	1	...	+16.330	+ .279	- 22
1277	1424	5584	e Pegasi.....	2.5	39 45.946	1.31	9	...	2.9448	- .0005	+ 17	+ 9 27 42.51	1.69	10	...	16.409	.240	- 1
1278	1425	5592	κ Pegasi.....	4.3	40 34.167	0.22	2	...	2.7126	+ .0047	+ 24	+25 13 50.64	0.38	3	...	16.449	.220	+ 2
1279	1426	5594	11 Cephei.....	4.9	40 36.397	1.96	2	1	0.8678	- .0334	+ 240	+70 53 48.63	1.59	2	3	16.451	.070	+ 97
1280	1427	5596	λ Capricorni.....	5.4	41 41.530	2.20	5	...	3.2307	.0100	+ 16	-11 46 53.63	2.20	5	...	16.505	.261	- 11
1281	...	5603	78 Draconis.....	5.4	21 41 58.482	9.73	1	...	+ 0.7553	- .0414	- 99	+71 54 25.71	0.47	3	...	+16.519	+ .054	- 31
1282	1428	5600	δ Capricorni.....	3.0	42 4.558	1.16	5	...	3.2971	- .0125	+ 179	-16 32 9.72	1.64	7	...	16.524	.269	- 295
1283	1430	5608	ν Cephei.....	4.5	42 51.160	1.17	5	3	1.7307	+ .0019	- 3	+60 42 18.38	1.20	5	3	16.563	.135	0
1284	1431	5609	π ² Cygni.....	4.3	43 27.920	1.82	2	...	2.2132	+ .0086	+ 4	+48 53 35.17	1.82	2	...	16.592	.174	- 3
1285	...	...	Mayer 933.....	6.5	45 16.170	1.61	1	...	3.3029	- .0131	- 4	-17 15 52.56	1.61	1	...	16.680	.260	- 54
1286	1432	5617	14 Pegasi.....	5.0	21 45 51.750	1.25	9	...	+ 2.6506	+ .0064	+ 20	+29 45 17.57	1.25	9	...	+16.710	+ .207	- 27
1287	...	5618	Mayer 934.....	6.1	46 42.074	1.48	5	...	3.3260	- .0143	+ 94	-19 2 34.26	1.48	5	...	16.750	.262	- 86
1288	1435	5627	16 Pegasi.....	5.1	48 57.964	1.46	9	...	2.7276	+ .0053	+ 1	+25 30 4.75	1.22	14	...	16.858	.209	+ 1
1289	1436	5632	Bradley 2868.....	...	50 5.049	2.70	4	3	2.0170	+ .0080	+ 32	+55 47 16.68	2.65	4	3	16.910	.152	+ 7
1290	1439	5640	79 Draconis.....	6.9	51 44.220	2.28	...	1	0.7112	- .0475	+ 107	+73 16 34.91	1.57	...	3	16.988	.050	+ 29
1291	1438	5639	13 Cephei.....	6.1	21 51 51.542	1.70	7	1	+ 2.0142	+ .0082	- 9	+56 11 4.85	1.59	5	1	+16.994	+ .149	- 4
1292	1441	5652	η Piscis Australis.....	5.4	55 40.225	1.48	7	...	3.4531	- .0217	+ 11	-28 53 9.74	1.48	7	...	17.168	.254	+ 2
1293	1443	5655	28 Aquarii.....	5.8	56 28.783	1.40	3	...	3.0704	- .0038	+ 1	+ 0 10 20.53	1.40	3	...	17.204	.223	- 6
1294	1444	5658	20 Pegasi.....	5.8	56 42.264	1.75	3	...	2.9183	+ .0014	+ 36	+12 41 18.06	1.75	3	...	17.214	.212	- 56
1295	...	...	Bradley 2897.....	6.6	56 59.741	0.11	3	...	0.5973	- .0590	- 60	+74 33 56.81	0.11	3	...	17.227	.037	- 25
1296	...	5659	Mayer 941.....	6.7	21 57 14.801	1.19	4	...	+ 3.2985	- .0137	+ 75	-18 20 8.97	1.19	4	...	+17.239	+ .240	- 63
1297	...	...	29 Aquarii (Comes).....	7.8	57 30.860	1.68	1	...	3.2858	.0131	+ 4	-17 23 57.54	1.68	1	...	17.251	.238	+ 6
1298	...	5660	29 Aquarii.....	6.9	57 31.160	1.68	1	...	3.2858	.0131	+ 4	-17 23 56.80	1.68	1	...	17.251	.238	+ 6
1299	1445	5661	16 Cephei.....	5.2	57 58.250	2.51	1	1	0.8875	.0372	- 150	+72 45 6.28	2.71	2	1	17.271	.056	- 160
1300	1446	5663	ο Aquarii.....	4.7	21 58 39.615	2.30	2	...	3.1031	.0050	+ 9	- 2 35 24.71	2.30	2	...	17.301	.222	- 11

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No.	Number in		Star's Name.	Magnitude.	Mean R.A.,			No. of		Annual	Secular	Annual	Mean	Mean	No. of		Annual	Secular	Annual
	Newcomb's Fundamental 1900.	Bess's P.G.C. 1900.			1910.0.	Mean Date of Obs. 1910+	h m s	Above Pole.	Below Pole.	Precession, 1910.0.	Variation, 1910.0.	Proper Motion. Unit "0001.	Declination, 1910.0.	Date of Obs. 1910+	Above Pole.	Below Pole.	Precession, 1910.0.	Variation, 1910.0.	Proper Motion. Unit "0001.
1301	1448	5674	ν Pegasi.....	4.9	22 1 8.483	1.47	3 ...	...	...	+ 3.0190	- .0018	+ 73	+ 4 37 5.05	1.54	4 ...	...	+17.410	+ .213	+ 92
1302	1449	5676	α Aquarii.....	3.2	1 9.721	1.69	12 ...	...	...	3.0813	- .0041	+ 9	- 0 45 26.60	1.33	15 ...	...	17.411	.216	- 6
1303	1452	5685	20 Cephei.....	5.5	2 16.308	1.59	2 1	...	...	1.8193	+ .0058	+ 16	+62 20 46.20	1.76	2 3	...	17.458	.123	+ 64
1304	1453	5688	ι Pegasi.....	4.0	2 49.208	1.84	9 ...	...	...	2.7689	+ .0063	+ 220	+24 54 19.14	1.93	11 ...	...	17.482	.194	+ 18
1305	...	...	Groombridge 3701...	7.6	5 3.690	1.18	...	1	...	1.1196	- .0241	- 32	+71 47 13.60	1.18	...	1	17.582	.071	+ 35
1306	1455	5701	π^1 Pegasi.....	5.8	22 5 14.326	1.83	3 ...	...	...	+ 2.6601	+ .0088	- 45	+32 43 56.82	1.83	3 ...	...	+17.585	+ .179	- 72
1307	1456	5703	θ Pegasi.....	3.7	5 39.580	1.57	5 ...	...	...	3.0081	- .0011	+ 184	+ 5 45 16.22	1.60	6 ...	...	17.603	.206	+ 34
1308	1457	5709	π^2 Pegasi.....	4.3	5 59.338	2.18	5 ...	...	...	2.6625	+ .0089	- 10	+32 44 10.96	2.18	5 ...	...	17.616	.178	- 23
1309	1458	5710	28 Pegasi.....	6.4	6 14.913	1.81	6 ...	...	...	2.8342	+ .0048	- 21	+20 32 7.10	1.81	6 ...	...	17.627	.190	- 13
1310	...	...	Oeltz, Arg. (N.) 23617	7.5	6 40.130	0.63	1 ...	...	...	+ 1.0819	- .0269	...	+72 19 35.96	0.63	1 ...	...	17.650	+ .068	...
1311	...	...	Carrington 3465.....	8.7	22 6 47.785	3.20	...	2	...	-33.6260	-30.4950	- 460	+89 0 39.46	3.20	...	2	+17.656	-2.222	- 18
1312	...	5711	Piazzi XXII. 15.....	6.3	7 30.448	0.23	4 ...	...	...	+ 2.8967	+ .0030	- 10	+15 35 47.38	0.23	4 ...	...	17.679	+ .192	- 17
1313	...	5712	39 Aquarii.....	6.4	7 34.680	2.72	1 ...	...	...	3.2370	- .0112	+ 12	-14 38 13.79	2.72	1 ...	...	17.683	.216	- 46
1314	1459	5714	ζ Cephei.....	3.6	7 43.820	2.14	3 2	...	...	2.0757	+ .0115	+ 13	+57 45 26.56	2.12	3 2	...	17.689	.135	+ 7
1315	1460	5716	24 Cephei.....	5.0	8 4.820	1.95	2 1	...	...	1.1543	- .0223	+ 61	+71 53 52.33	1.81	3 4	...	17.703	.072	+ 4
1316	1464	5732	Piazzi XXII. 36.....	4.6	22 10 0.755	1.26	8 ...	...	...	+ 2.5681	+ .0113	+ 42	+39 16 5.44	1.31	9 ...	...	+17.782	+ .166	+ 5
1317	...	5741	Bradley 2942.....	6.3	11 15.200	1.22	...	1	...	1.0927	- .0270	+ 52	+72 51 35.67	1.22	...	1	17.832	.066	+ 20
1318	...	...	Groombridge 3735...	7.1	11 34.600	0.63	1 ...	...	...	0.6276	.0648	+ 128	+76 0 48.81	0.63	1 ...	...	17.844	.035	+ 1
1319	1466	5744	θ Aquarii.....	4.3	12 5.174	2.34	8 ...	...	...	3.1602	.0075	+ 74	- 8 13 54.20	1.49	10 ...	...	17.864	.203	- 19
1320	1470	5755	ρ Aquarii.....	5.4	15 27.866	1.76	5 ...	...	...	3.1581	- .0075	+ 6	- 8 16 24.31	1.78	7 ...	...	17.997	.196	- 5
1321	...	...	B. D. + 11° 4782...	9.1	22 16 13.690	0.77	1 ...	...	...	+ 2.9515	+ .0018	...	+11 41 (35)	...	...	...	+18.026	+ .183	...
1322	1473	5761	γ Aquarii.....	4.0	17 0.514	1.76	8 ...	...	...	3.0912	- .0041	+ 82	- 1 50 28.34	1.48	13 ...	...	18.056	.190	+ 9
1323	1474	5762	31 Pegasi.....	4.9	17 5.268	1.78	6 ...	...	...	2.9518	+ .0019	+ 3	+11 45 5.41	1.78	6 ...	...	18.059	.180	+ 5
1324	...	5774	50 Aquarii.....	6.1	19 37.890	2.06	3 ...	...	...	3.2136	- .0106	+ 32	-13 59 8.77	2.06	3 ...	...	18.154	.192	+ 16
1325	1477	5776	β Lacertae.....	4.6	20 1.075	1.42	4 3	...	...	+ 2.3555	+ .0156	- 16	+51 46 41.21	1.85	3 3	...	18.169	+ .138	- 190
1326	...	5784	Bradley 2993.....	5.4	22 20 35.850	1.64	1 ...	...	...	- 4.3190	-1.3520	+ 510	+85 39 19.41	2.13	1 4	...	+18.190	- .266	+ 49
1327	1478	5777	π Aquarii.....	4.6	20 40.880	1.90	6 ...	...	...	+ 3.0635	.0027	+ 7	+ 0 55 12.87	1.90	6 ...	...	18.193	+ .181	+ 3
1328	...	5781	Bradley 2953.....	6.7	21 41.113	9.74	1 ...	...	...	3.2445	.0126	+ 180	-17 11 56.99	9.74	1 ...	...	18.229	.192	- 6
1329	...	5782	53 Aquarii.....	6.4	21 41.443	9.71	3 ...	...	...	3.2446	.0126	+ 157	-17 12 1.08	9.71	3 ...	...	18.230	.192	+ 4
1330	...	5793	ζ^1 Aquarii.....	4.5	24 11.790	2.78	1 ...	...	...	3.0771	.0032	+ 115	- 0 28 50.00	2.78	1 ...	...	18.320	.176	+ 16
1331	1482	...	ζ Aquarii (as one mass)	3.9	22 24 11.780	2.78	1 ...	...	...	+ 3.0771	- .0032	...	- 0 28 51.34	2.02	5 ...	...	+18.320	+ .176	...
1332	...	5794	ζ^2 Aquarii.....	4.3	24 12.070	2.78	1 ...	...	...	3.0771	.0033	+ 138	- 0 28 51.74	2.78	1 ...	...	18.320	.177	+ 45
1333	...	5799	Bradley 2961.....	6.6	25 12.823	2.13	3 ...	...	...	3.2002	.0101	+ 124	-13 22 34.53	2.13	3 ...	...	18.356	.182	- 7
1334	...	5801	56 Aquarii.....	6.5	25 28.140	1.61	1 ...	...	...	3.2165	- .0111	+ 25	-15 2 44.54	1.61	1 ...	...	18.365	.181	- 41
1335	...	5805	Bradley 2972.....	7.5	25 48.700	2.72	1 ...	...	...	2.2200	+ .0169	+ 33	+57 56 34.85	2.72	1 ...	...	18.376	.122	+ 10
1336	1485	5807	δ^2 Cephei.....	var.	22 25 49.593	1.07	4 1	...	...	+ 2.2198	+ .0169	+ 15	+57 57 15.61	1.20	4 1	...	+18.377	+ .122	+ 3
1337	1483	5803	σ Aquarii.....	4.9	25 53.170	1.74	2 ...	...	...	3.1775	- .0087	0	-11 8 20.13	2.74	1 ...	...	18.380	.178	- 30
1338	1484	5806	38 Pegasi.....	5.6	25 54.740	0.61	6 ...	...	...	2.7378	+ .0107	+ 25	+32 6 42.01	0.78	6 ...	...	18.380	.152	- 16
1339	1488	5813	α Lacertae.....	3.8	27 34.836	1.95	4 1	...	...	2.4515	+ .0170	+ 145	+49 49 10.95	1.65	4 1	...	18.438	.134	+ 13
1340	1489	5819	ν Aquarii.....	5.5	29 46.448	1.92	7 ...	...	...	3.2710	- .0150	+ 155	-21 10 10.25	1.92	7 ...	...	18.513	.178	- 148
1341	1491	5827	Groombridge 3834...	5.9	22 30 (42)	...	...	...	...	+ 1.0717	- .0347	- 43	+75 45 44.37	2.26	...	4	+18.543	+ .051	- 1
1342	1490	5824	η Aquarii.....	4.1	30 43.977	1.42	3 ...	...	...	3.0777	.0030	+ 60	- 0 34 54.03	1.64	8 ...	...	18.544	.164	- 54
1343	1492	5835	κ Aquarii.....	5.4	33 5.740	2.30	2 ...	...	...	3.1131	.0050	- 52	- 4 41 32.50	1.98	5 ...	...	18.622	.160	- 115
1344	1494	5838	31 Cephei.....	5.3	33 32.664	0.53	9 1	...	...	1.4447	.0051	+ 392	+73 10 32.90	0.57	9 1	...	18.636	.074	+ 21
1345	...	...	Lalande F. 4220.....	7.5	33 50.030	1.22	...	1	...	1.5242	- .0026	+ 260	+72 24 45.97	1.22	...	1	18.649	.074	+ 30
1346	1495	5844	10 Lacertae.....	5.0	22 35 13.150	1.91	1 ...	...	...	+ 2.6870	+ .0142	0	+38 35 53.78	1.91	1 ...	...	+18.690	+ .134	- 9
1347	1496	5848	30 Cephei.....	5.2	35 27.226	0.30	2 3	...	...	2.1220	+ .0187	- 2	+63 6 59.30	0.30	2 3	...	18.697	.104	- 19
1348	1497	5849	ϵ Piscis Australis.....	4.2	35 40.870	2.72	1 ...	...	...	3.3228	- .0196	+ 18	-27 30 45.48	2.72	1 ...	...	18.705	.168	- 2
1349	1499	5853	ζ Pegasi.....	3.6	36 58.348	1.15	5 ...	...	...	2.9859	+ .0024	+ 52	+10 21 40.13	1.21	6 ...	...	18.745	.148	- 12
1350	1501	5865	η Pegasi.....	3.1	38 46.857	2.02	8 ...	...	...	2.8075	.0110	+ 8	+29 45 1.20	2.02	8 ...	...	18.801	.135	- 35

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No.	Newcomb's Fundamental Catalogue, 1900.	Number in Boss's P. G. C. 1900.	Star's Name.	Magnitude.	Mean R. A., 1910.0.			Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion, Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Preces- sion, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion, Unit "001.
					h	m	s		Above Pole.	Below Pole.						Above Pole.	Below Pole.			
1351	1503	5869	13 Lacertæ.....	5.2	22	40	4.525	0.74	2	...	+ 2.6707	+ .0160	- 8	+41 20 48.45	0.74	2	...	+18.840	+ .126	+ 6
1352	1504	5875	λ Pegasi.....	4.0	42	11.661	1.98	6	...	...	2.8827	+ .0084	+ 42	+23 5 29.84	1.98	6	...	18.902	.133	- 14
1353	...	5879	τ ¹ Aquarii.....	5.7	42	56.125	0.68	8	...	...	3.1868	- .0102	+ 24	-14 31 51.56	0.68	8	...	18.924	.146	- 13
1354	...	5882	70 Aquarii.....	6.4	43	46.230	1.53	1	...	...	3.1576	- .0081	+ 30	-11 1 49.93	1.53	1	...	18.947	.144	+ 8
1355	1506	5884	τ ² Aquarii.....	4.2	44	49.705	1.86	10	...	...	3.1804	- .0098	- 11	-14 4 4.32	1.86	10	...	18.977	.142	- 36
1356	1507	5885	μ Pegasi.....	3.7	22	45 39.456	1.76	5	...	...	+ 2.8817	+ .0092	+ 107	+24 7 34.00	0.79	4	...	+19.001	+ .127	- 45
1357	1510	5891	ι Cephei.....	3.6	46	28.403	1.28	4	...	...	2.1380	+ .0227	- 110	+65 43 37.35	0.90	4	4	19.023	.090	- 121
1358	1512	5895	λ Aquarii.....	3.8	47	55.215	1.38	5	...	...	3.1311	- .0062	+ 3	- 8 3 31.36	1.75	7	...	19.062	.134	+ 36
1359	...	5901	74 Aquarii.....	5.9	48	44.543	1.51	6	...	...	3.1601	.0085	+ 11	-12 5 42.90	1.51	6	...	19.084	.134	+ 1
1360	1514	5904	δ Aquarii.....	3.5	49	52.577	1.61	6	...	...	3.1902	.0109	- 33	-16 17 58.75	1.61	6	...	19.115	.133	- 21
1361	1516	5916	Fomalhaut.....	1.3	22	52 40.840	2.39	3	...	...	+ 3.2968	- .0211	+ 250	-30 5 59.53	1.98	4	...	+19.187	+ .134	- 166
1362	...	5921	Piazzi XXII. 262.....	5.8	54	40.560	0.83	1	...	...	3.2890	- .0206	- 9	-29 56 42.87	0.83	1	...	19.237	.128	+ 3
1363	1517	5922	52 Pegasi.....	5.8	54	41.632	1.54	5	...	...	2.9978	+ .0038	+ 17	+11 14 50.62	1.54	5	...	19.238	.116	- 41
1364	...	5923	Bradley 3264.....	6.6	54	51.420	9.81	1	...	...	3.1629	- .0090	- 8	-13 33 12.32	9.81	1	...	19.242	.122	+ 8
1365	1520	5933	ο Andromedæ.....	3.7	57	46.590	2.73	1	...	...	2.7516	+ .0190	+ 21	+41 50 31.53	2.73	1	...	19.312	.100	- 21
1366	1522	5939	β Piscium.....	4.5	22	59 17.780	2.45	3	...	...	+ 3.0521	+ .0002	+ 7	+ 3 20 6.67	2.24	5	...	+19.347	+ .109	- 8
1367	1523	5940	β Pegasi.....	2.6	22	59 24.540	2.79	2	...	...	2.8900	.0119	+ 144	+27 35 39.06	1.77	4	...	19.349	.104	+ 133
1368	1525	5944	α Pegasi.....	2.6	23	0 16.577	1.73	6	...	...	2.8921	.0058	+ 40	+14 43 15.03	1.77	8	...	19.370	.105	- 45
1369	1528	5952	55 Pegasi.....	4.7	2	28.233	1.84	3	...	...	3.0204	.0031	+ 5	+ 8 55 23.68	2.34	2	...	19.418	.102	- 14
1370	1529	5958	5 Andromedæ.....	5.8	3	39.842	1.28	4	...	...	2.7010	+ .0241	+ 150	+48 48 19.69	1.28	4	...	19.444	.090	+ 126
1371	1531	5960	ε ² Aquarii.....	3.8	23	4 38.991	1.80	4	...	...	+ 3.1994	- .0138	+ 33	-21 39 40.98	1.80	4	...	+19.465	+ .105	+ 37
1372	1533	5966	π Cephei.....	4.6	5	1.971	1.16	4	2	...	1.8959	+ .0246	+ 30	+74 54 3.69	1.13	5	2	19.472	.058	- 25
1373	1534	5973	59 Pegasi.....	5.3	7	11.550	2.28	2	...	...	3.0285	.0030	- 11	+ 8 13 52.23	2.28	2	...	19.516	.094	- 6
1374	1535	5976	Bradley 3077.....	5.7	8	56.510	1.90	1	...	...	2.6239	+ .0375	+2526	+56 40 15.99	1.90	1	...	19.551	.090	+ 297
1375	1536	5978	φ Aquarii.....	4.4	9	39.756	1.80	5	...	...	3.1059	- .0043	+ 18	- 6 32 3.38	1.84	7	...	19.564	.092	- 191
1376	...	...	Lalande 45490.....	6.4	23	9 58.826	0.78	7	...	...	+ 3.1297	- .0069	...	-11 10 41.32	0.78	7	...	+19.570	+ .090	...
1377	1537	5981	ψ ¹ Aquarii.....	4.4	11	10.667	2.31	4	...	...	3.1202	- .0060	+ 248	- 9 34 41.22	2.31	4	...	19.593	.090	- 13
1378	...	5984	Bradley 3085.....	5.9	11	(25)	...	...	...	...	2.1084	+ .0373	+ 123	+73 44 26.62	2.33	...	2	19.598	.058	+ 5
1379	1540	5988	γ Pegasi.....	3.9	12	29.967	1.83	8	...	...	3.0592	+ .0007	+ 502	+ 2 47 25.78	1.59	5	...	19.617	.088	+ 19
1380	1542	5995	γ Sculptoris.....	4.5	13	58.050	0.87	1	...	...	3.2458	- .0220	+ 20	-33 1 20.16	0.87	1	...	19.643	.088	- 66
1381	1543	5997	ψ ³ Aquarii.....	5.2	23	14 16.878	1.04	8	...	...	+ 3.1197	- .0061	+ 32	-10 6 10.29	1.04	8	...	+19.646	+ .083	+ 2
1382	1544	6000	ο Cephei.....	5.1	14	55.275	1.57	1	1	...	2.4384	+ .0416	+ 111	+67 37 8.60	1.82	1	4	19.659	.062	+ 17
1383	...	...	W.B. (2) XXIII. 252-3-4	7.6	15	14.287	2.36	3	...	...	2.9608	.0111	...	+23 19 59.83	2.36	3	...	19.665	.075	...
1384	1546	6005	τ Pegasi.....	4.6	16	10.817	2.33	4	...	...	2.9634	+ .0111	+ 20	+23 14 51.50	2.33	4	...	19.681	.075	- 21
1385	1548	6012	δ ¹ Aquarii.....	4.2	18	14.742	2.43	5	...	...	3.1635	- .0122	- 87	-20 35 31.73	2.43	5	...	19.715	.076	- 93
1386	1550	6025	4 Cassiopeie.....	5.2	23	20 49.954	1.02	1	1	...	+ 2.6488	+ .0394	+ 17	+61 47 18.71	1.36	1	1	+19.754	+ .058	- 8
1387	1549	6024	υ Pegasi.....	4.6	20	53.110	1.55	5	...	...	2.9766	.0114	+ 137	+22 54 31.25	1.55	5	...	19.755	.067	+ 28
1388	1552	6031	κ Piscium.....	4.9	22	19.146	1.93	9	...	...	3.0696	.0001	+ 57	+ 0 45 45.91	0.83	14	...	19.776	.066	- 90
1389	1553	6037	θ Piscium.....	4.5	23	24.130	1.78	2	...	...	3.0506	.0028	- 88	+ 5 53 4.70	1.78	2	...	19.791	.063	- 43
1390	...	...	Groombridge 4073.....	7.0	24	7.150	0.77	1	...	...	2.3634	+ .0536	+ 126	+73 37 24.41	0.77	2	...	19.801	.046	+ 22
1391	...	...	Lalande 45965.....	6.3	23	24 21.410	1.69	2	...	...	+ 3.1081	- .0053	...	- 9 45 40.20	1.69	2	...	+19.804	+ .062	...
1392	1555	6040	η Pegasi.....	4.7	24	36.184	1.84	3	...	...	3.0278	+ .0061	+ 38	+12 15 50.56	1.84	3	...	19.807	.061	+ 27
1393	1556	6046	Piazzi XXIII. 101.....	4.9	25	52.085	1.90	2	...	...	+ 2.7546	+ .0375	+ 31	+58 3 9.50	1.90	2	...	19.824	+ .052	+ 13
1394	1559	6056	Bradley 3147.....	5.6	27	(47)	...	...	...	...	- 0.2944	- .5960	+ 966	+86 48 39.95	1.65	28	31	19.849	- .010	+ 18
1395	1560	6057	β ³ Aquarii.....	4.8	28	34.125	0.81	2	...	...	+ 3.1442	- .0121	- 5	-21 24 43.04	0.81	2	...	19.858	+ .055	+ 17
1396	1561	6059	72 Pegasi.....	5.2	23	29 29.100	9.97	1	...	...	+ 2.9667	+ .0166	+ 40	+30 49 43.97	9.97	1	...	+19.869	+ .050	- 12
1397	1562	6060	14 Piscium.....	6.0	29	31.360	0.71	1	...	...	3.0779	- .0008	+ 71	- 1 44 40.52	0.71	1	...	19.869	.052	- 9
1398	1565	6063	15 Andromedæ.....	5.5	30	13.280	0.85	1	...	...	2.9285	+ .0224	- 11	+39 44 24.43	0.85	1	...	19.877	.048	- 40
1399	...	6065	Mayer 1003.....	6.5	30	53.572	0.61	7	...	...	3.0962	- .0040	- 6	- 7 57 45.31	0.61	7	...	19.885	.050	+ 20
1400	1567	6071	λ Andromedæ.....	3.8	33	9.322	1.15	3	...	...	2.9110	+ .0282	+ 149	+45 58 13.52	1.15	3	...	19.908	.042	- 421

No.	Number in		Star's Name.	Magnitude.	Mean R.A., 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Precession, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "0001.	Mean Declination, 1910.0.	Mean Date of Obs. 1910+	No. of Obs.		Annual Preces- sion, 1910.0.	Secular Variation, 1910.0.	Annual Proper Motion. Unit "001.
	Newcomb's Fundamental Catalogue, 1900.	Bess's P.G.C. 1900.					Above Pole.	Below Pole.						Above Pole.	Below Pole.			
1401	1568	6073	Andromedæ.....	4.3	23 33 43.097	2.73	3	...	+ 2.9310	+ .0253	+ 24	+42 46 11.33	2.73	3	...	+19.914	+ .041	- 3
1402	1569	6077	Pisium.....	4.3	35 19.235	1.85	12	...	3.0596	.0032	+ 248	+ 5 8 18.18	2.04	12	...	19.930	.041	- 439
1403	1570	6078	γ Cephei.....	3.4	35 38.616	0.45	2	5	2.4520	.0753	- 18	+77 7 47.60	0.65	2	7	19.933	.029	+ 158
1404	1572	6080	κ Andromedæ.....	4.3	35 58.320	0.85	2	...	2.9383	.0266	+ 73	+43 50 7.52	0.85	2	...	19.936	.037	- 24
1405	1573	6084	λ Pisium.....	4.6	37 27.267	0.75	3	...	3.0696	+ .0012	- 92	+ 1 17 4.56	0.75	3	...	19.949	.036	- 144
1406	1574	6087	ω² Aquarii.....	4.7	23 38 3.430	2.74	1	...	+ 3.1068	- .0077	+ 60	-15 2 33.32	2.74	1	...	+19.955	+ .036	- 60
1407	1576	6095	¹ Aquarii.....	5.4	39 32.115	2.30	2	...	3.1130	- .0098	+ 20	-18 46 35.46	2.30	2	...	19.966	.033	0
1408	1577	6101	ψ Andromedæ.....	5.1	41 34.148	2.05	4	...	2.9616	+ .0293	+ 12	+45 55 14.49	2.05	4	...	19.982	.027	- 18
1409	1578	6102	19 Pisium.....	5.6	41 47.590	1.81	3	...	3.0670	+ .0023	- 34	+ 2 59 14.26	1.85	5	...	19.983	.028	- 20
1410	...	...	Lalande 46609.....	7.3	43 1.792	0.75	2	...	3.0811	- .0017	+ 32	- 4 57 44.12	0.75	2	...	19.991	.026	- 37
1411	1580	6108	Bradley 3166.....	5.1	23 43 35.977	0.18	4	...	+ 2.8440	+ .0613	+ 19	+67 18 24.65	0.53	4	5	+19.994	+ .022	+ 2
1412	...	6109	Mayer 1012.....	6.3	43 55.115	0.42	3	...	3.0838	- .0027	- 1	- 6 52 49.37	0.42	3	...	19.996	.024	- 26
1413	...	...	B. D. - 5° 6056.....	7.7	44 8.010	1.69	1	...	3.0805	.0016	...	- 4 56 8.73	1.69	1	...	19.997	.023	...
1414	1581	6110	δ Sculptoris.....	4.7	44 14.450	2.27	5	...	3.1226	.0160	+ 80	-28 37 40.88	1.82	6	...	19.998	.024	- 101
1415	...	...	B. D. - 4° 5964.....	9.1	46 24.976	0.35	4	...	3.0781	.0011	...	- 4 3 21.08	0.35	4	...	20.010	.019	...
1416	...	...	B. D. - 4° 5965.....	8.0	23 46 51.950	0.85	2	...	+ 3.0777	- .0009	...	- 3 54 19.67	0.85	2	...	+20.013	+ .018	...
1417	...	...	B. D. - 4° 5967.....	8.8	46 55.440	0.87	1	...	3.0778	.0010	...	- 4 0 31.39	0.87	1	...	20.013	.018	...
1418	...	...	B. D. - 4° 5968.....	8.8	46 55.883	0.89	3	...	3.0778	.0010	...	- 3 59 0.27	0.89	3	...	20.013	.018	...
1419	...	...	B. D. - 4° 5971.....	9.1	47 45.473	1.13	3	...	3.0774	- .0009	...	- 3 53 51.95	1.13	3	...	20.017	.016	...
1420	1583	6127	φ Pegasi.....	5.5	47 54.445	2.23	2	...	3.0488	+ .0110	- 11	+18 37 13.94	2.23	2	...	20.019	.016	- 44
1421	...	...	B. D. - 3° 5720.....	8.9	23 47 58.400	0.79	3	...	+ 3.0761	- .0003	...	- 2 52 7.39	0.79	3	...	+20.019	+ .016	...
1422	...	6132	24 Pisium.....	6.3	48 18.190	2.32	2	...	3.0769	- .0008	+ 47	- 3 39 19.28	2.32	2	...	20.020	.015	- 45
1423	1584	6133	25 Pisium.....	6.2	48 28.213	1.77	3	...	3.0707	+ .0020	+ 8	+ 1 35 24.17	1.77	3	...	20.021	.015	- 6
1424	...	...	B. D. + 7° 5096.....	8.5	49 1.880	0.85	1	...	3.0638	.0052	...	+ 8 0 12.09	0.85	1	...	20.023	.016	...
1425	1586	6135	ρ Cassiopeiæ.....	4.9	49 52.880	2.04	4	1	2.9817	+ .0443	- 6	+56 59 55.45	2.11	4	1	20.026	.012	+ 5
1426	...	...	B. D. - 3° 5728.....	8.5	23 49 58.149	0.49	3	...	+ 3.0761	- .0005	...	- 3 28 46.50	0.49	3	...	+20.026	+ .012	...
1427	...	...	B. D. + 7° 5098.....	8.5	50 23.240	0.71	1	...	3.0649	+ .0053	...	+ 8 2 42.63	0.71	1	...	20.028	.014	...
1428	...	...	B. D. + 7° 5097.....	9.1	50 23.960	0.82	2	...	3.0651	+ .0053	...	+ 7 53 19.32	0.82	2	...	20.028	.014	...
1429	...	...	B. D. - 3° 5731.....	9.1	50 58.965	0.49	3	...	3.0754	- .0003	...	- 2 49 48.80	0.49	3	...	20.031	.009	...
1430	...	...	B. D. - 3° 5734.....	8.8	51 29.575	0.91	3	...	3.0753	- .0003	...	- 3 10 29.50	0.91	3	...	20.032	.009	...
1431	1589	6150	ψ Pegasi.....	4.8	23 53 10.223	1.62	9	...	+ 3.0543	+ .0149	- 31	+24 38 28.07	1.62	9	...	+20.038	+ .006	- 37
1432	1590	6153	27 Pisium.....	5.2	54 3.969	0.91	9	...	3.0749	- .0007	- 38	- 4 3 19.95	0.91	9	...	20.039	.004	- 67
1433	1592	6156	ω Pisium.....	4.0	54 41.323	1.84	10	...	3.0691	+ .0048	+ 101	+ 6 21 54.09	1.45	13	...	20.040	+ .003	- 109
1434	...	6169	29 Pisium.....	5.2	57 12.745	2.48	2	...	3.0735	- .0002	+ 8	- 3 31 42.10	2.48	2	...	20.045	- .002	- 11
1435	1595	6171	30 Pisium.....	4.7	57 20.701	1.03	7	...	3.0743	- .0018	+ 27	- 6 30 51.52	0.99	9	...	20.045	- .002	- 34
1436	...	...	B. D. - 1° 4518.....	9.0	23 57 37.137	0.74	3	...	+ 3.0726	+ .0010	...	- 0 59 9.97	0.74	3	...	+20.045	.000	...
1437	...	...	B. D. - 1° 4520.....	8.0	58 20.407	0.53	3	...	3.0727	+ .0009	...	- 1 23 40.75	0.53	3	...	20.045	- .002	...
1438	1596	6179	2 Ceti.....	4.6	59 7.841	1.58	8	...	3.0741	- .0079	+ 13	-17 50 13.15	2.42	7	...	20.045	.006	- 8