
SEPARATE RESULTS
OF
OBSERVATIONS
OF THE FIXED STARS
MADE WITH THE
MADRAS MERIDIAN CIRCLE
IN THE YEAR
1873

Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
1 Taylor 11010.										11 Anon.									
Nov. 6	7.8	0	0	56.53	6	147	32	36.8	M	Oct. 4	9.0	0	27	10.22	...	144	51	21.5	R
7	7.7	0	56.75	4	32	38.1	M		21	9.0	27	10.45	6	51	20.1	M			
2 21 Andromedæ α, Alpherat.										12 13 Ceti.									
Nov. 5	...	0	1	49.51	6	61	36	39.4	M	Oct. 28	5.8	0	28	42.60	6	94	17	34.0	M
22	...	1	49.61	4	36	39.1	R												
3 Anon.										13 16 Ceti β									
Nov. 10	...	0	2	28.94	6	127	27	1.6	R	Nov. 5	...	0	37	12.78	6	108	41	3.5	M
17	9.5	2	20.12	6	27	3.4	R		8	...	37	12.80	6	41	2.8	M			
4 88 Pegasi γ, Algenib.										14 2 Ursæ Minoris.									
Nov. 11	...	0	6	41.32	4	75	31	24.4	R	Oct. 29	...	0	51	46.27	3	4	25	31.8	M
18	...	6	41.81	6	31	28.4	R												
5 O. A. N. 317.										2 Ursæ Minoris—s.p.									
Oct. 2	8.3	0	18	6.01	...	26	3	54.6	R	Apl 14	...	0	51	47.23	2	4	25	35.9	M
6 Anon.										15 71 Piscium ε									
Oct. 6	8.9	0	18	50.56	...	26	51	3.4	M	Nov. 7	...	0	56	21.10	6	82	47	37.7	M
29	8.7	18	50.48	6	51	1.0	M		11	...	56	21.20	4	47	39.9	R			
7 Anon.										16 O. A. N. 1303.									
Nov. 12	...	0	19	28.59	5	26	34	38.8	R	Oct. 29	7.5	1	9	28.33	6	18	16	7.6	M
8 10 Ceti.										17 Anon.									
Oct. 3	...	0	20	6.65	...	90	45	12.1	R	Nov. 7	8.0	1	10	40.01	3	153	49	15.0	M
9 12 Ceti.																			
Oct. 31	...	0	23	33.35	6	94	39	33.7	M										
Nov. 10	...	23	33.40	6	39	34.7	R												
11	...	23	33.45	6	39	35.8	R												
18	...	23	33.44	6	39	34.2	R												

47.23
46.20
46.98
47.83

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
18 <i>R. P. L.</i> 18.										26 <i>106 Piscium ν</i>									
Nov. 8	...	1	11	11.03	2	2	5	57.3	M	Nov. 29	...	1	34	49.28	6	85	9	22.8	R
17	...		11	10.85	2		5	59.9	R										
19 <i>Anon.</i>										27 <i>6 Arietis β</i>									
Dec. 19	9.3	1	12	11.20	6	152	19	42.0	R	Dec. 6	...	1	47	37.59	6	69	48	48.3	R
										12	...		47	37.51	6		48	50.2	M
										19	...		47	37.63	6		48	50.5	R
20 <i>Anon.</i>										28 <i>Anon.</i>									
Oct. 21	7.9	1	16	38.46	6	79	49	8.2	M	Nov. 7	9.0	1	56	29.74	5	129	55	55.1	M
27	7.9		16	38.45	6		49	3.6	M										
28	7.8		16	38.20	6		49	3.8	M										
31	7.9		16	38.30	6		49	4.7	M										
Nov. 1	7.9		16	38.28	6		49	6.0	M										
21 <i>44 Ceti.</i>										29 <i>Anon.</i>									
Nov. 6	...	1	17	39.39	6	98	40	6.6	M	Nov. 6	9.3	1	56	29.81	6	129	24	36.2	M
10	...		17	39.31	6		40	8.6	R										
11	...		17	39.28	4		40	8.3	R										
22 <i>45 Ceti θ^1</i>										30 <i>13 Arietis α</i>									
Nov. 12	...	1	17	40.43	6	98	50	23.8	R	Dec. 12	...	2	0	0.98	6	67	8	21.1	M
17	...		17	40.51	6		50	22.3	R	19	...		0	1.01	6		8	22.8	R
29	...		17	40.55	6		50	25.6	R										
Dec. 6	...		17	40.49	6		50	22.6	R										
23 <i>Anon.</i>										31 <i>Anon.</i>									
Dec. 9	8.2	1	19	18.45	6	151	17	31.4	R	Dec. 8	9.3	2	1	20.55	4	149	46	27.7	R
10	7.8		19	18.32	6		17	32.8	R										
24 <i>Lalande 2625.</i>										32 <i>Anon.</i>									
Dec. 8	9.5	1	20	19.00	6	79	17	36.1	R	Dec. 10	10.0	2	6	22.14	6	151	21	32.3	R
12	9.0		20	19.16	6		17	31.9	M										
19	9.0		20	19.18	5		17	33.5	R										
25 <i>α Eridani, Achernar.</i>										33 <i>Bonn + 2°. 351.</i>									
Dec. 6	...	1	32	58.97	5	147	52	58.8	R	Dec. 6	10.0	2	7	18.85	5	87	4	20.2	R
										34 <i>R Arietis, Var. 1.</i>									
										Oct. 28	8.0	2	8	58.62	6	65	32	8.0	M
										29	8.1		8	58.60	6		32	7.1	M
										30	8.0		8	58.60	6		32	7.1	M
										31	8.2		8	58.64	6		32	7.1	M
										Nov. 1	8.0		8	58.76	6		32	6.4	M
										5	8.4		8	58.60	6		32	5.9	M
										6	8.1		8	58.58	4		32	7.5	M
										7	8.3		8	58.77	6		32	6.8	M

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
35 <i>67 Ceti.</i>									42 <i>92 Ceti α, Menkar.</i>										
Nov. 8	...	2	10	88-85	6	97	0	30-3	M	Jan. 15	...	2	55	38-60	...	86	24	35-9	M
Dec. 11	...		10	89-07	6		0	30-5	R	16	...		55	38-55	...		24	26-2	M
15	...		10	89-08	6		0	31-0	M	Dec. 4	...		55	38-49	6		24	36-9	R
16	...		10	88-89	6		0	31-6	M	8	...		55	38-47	6		24	34-8	R
36 <i>22 Arietis θ</i>									9 ... 55 38-55 6 24 35-1 R										
Oct. 27	...	2	11	3-78	6	70	41	15-5	M	10	...		55	38-45	6		24	36-4	R
37 <i>73 Ceti ξ¹</i>									12 ... 55 38-57 6 24 35-7 M										
Dec. 4	...	2	21	24-49	6	82	6	37-5	R	18	...		55	38-48	4		24	36-2	R
6	...		21	24-44	5		6	37-5	R	16	...		55	38-45	6		24	35-7	M
8	...		21	24-53	6		6	37-4	R	43 <i>25 Persei ρ, Var. 2.</i>									
10	...		21	24-50	6		6	36-7	R	Jan. 17	4-4	2	57	2-91	...	51	39	13-4	M
15	...		21	24-62	6		6	38-0	M	18	4-8		57	2-71	...		39	13-5	M
16	...		21	24-54	6		6	37-5	M	44 <i>Anon.</i>									
38 <i>R. P. L. 26.</i>									Jan. 20 9-0 2 59 11-70 ... 130 36 14-1 M										
Dec. 9	...	2	24	48-99	2	3	30	29-0	R	45 <i>26 Persei β, Var. 1, Algol.</i>									
11	...		24	49-75	3		30	28-8	R	Jan. 21	...	2	59	54-81	5	49	32	8-2	M
39 <i>86 Ceti γ</i>									22 ... 59 54-88 5 32 7-8 M										
Dec. 4	...	2	36	43-25	6	87	18	2-5	R	24	...		59	54-73	4		32	6-6	M
8	...		36	43-23	6		18	1-1	R	46 <i>Taylor 1047.</i>									
9	...		36	43-20	6		18	1-4	R	Jan. 28	6-0	3	0	3-85	...	151	17	45-1	M
10	...		36	43-27	6		18	1-2	R	Oct. 30	6-0		0	3-70	6		17	43-5	M
11	...		36	43-18	5		18	1-3	R	47 <i>Taylor 1052.</i>									
18	...		36	43-18	6		18	2-9	R	Oct. 31	5-9	3	0	37-57	6	150	13	53-3	M
40 <i>Lalande 5483.</i>									48 <i>Taylor 1057.</i>										
Jan. 6	8-2	2	51	38-05	...	80	18	22-2	M	Jan. 18	7-8	3	0	58-46	5	151	20	13-0	M
7	8-0		51	38-13	...		18	21-3	M	49 <i>Anon.</i>									
41 <i>Lalande 5558.</i>									Nov. 12 10-2 3 . 2 30-22 5 130 36 50-7 R										
Jan. 10	8-4	2	53	57-79	...	80	15	41-2	M	Dec. 6	9-8		2	30-22	6		36	50-4	R
11	8-5		53	57-87	5		15	42-3	M										
14	8-3		53	58-19	...		15	41-6	M										

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		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
50		57 Arietis δ								60		Anon.							
Jan. 2	...	3	4	22.15	...	70	45	19.8	M	Nov. 5	8.3	3	13	41.40	6	125	37	52.4	M
51		Taylor 1081.								61		61 Arietis τ^1							
Jan. 8	7.4	3	5	24.53	5	151	38	11.6	M	Jan. 2	6.2	3	13	53.79	4	69	18	44.9	M
										Nov. 6	5.7			18 53.76	6			18 44.2	M
52		Anon.								62		Anon.							
Jan. 9	8.9	3	6	29.69	...	123	29	59.5	M	Jan. 16	9.3	3	15	3.10	...	150	4	20.9	M
10	8.9			6 29.70	...			29 58.8	M										
14	9.0			6 29.66	...			29 58.6	M										
53		Anon.								63		Anon.							
Jan. 17	9.1	3	7	31.09	...	145	38	20.8	M	Jan. 15	8.3	3	15	16.84	...	151	30	15.0	M
24	9.6			7 31.03	2			38 30.4	M										
54		58 Arietis ζ								64		ζ^2 Reticuli.							
Jan. 15	6.0	3	7	36.36	...	69	25	41.5	M	Dec. 4	6.5	3	15	27.31	6	152	59	34.3	R
16	5.9			7 36.31	...			25 40.4	M										
55		Taylor 1112.								65		Anon.							
Jan. 18	7.9	3	10	37.50	...	129	28	19.9	M	Nov. 12	9.7	3	15	44.06	6	125	39	26.9	R
56		Anon.								66		Anon.							
Jan. 20	9.4	3	12	43.25	...	130	8	33.1	M	Jan. 7	8.7	3	20	30.62	...	149	17	1.6	M
22	9.3			12 43.07	...			8 32.4	M	8	8.8			20 30.70	...			17 1.6	M
57		Anon.								67		Anon.							
Jan. 25	8.0	3	12	43.33	...	130	56	8.1	M	Nov. 17	10.0	3	21	13.72	6	54	45	52.8	R
58		Anon.								68		Anon.							
Jan. 28	8.6	3	12	54.56	...	129	25	41.3	M	Jan. 28	9.5	3	23	35.02	...	130	8	24.0	M
59		Anon.								69		Anon.							
Dec. 8	10.0	3	13	9.27	6	181	44	48.9	R	Jan. 21	8.8	3	23	59.79	...	126	19	45.8	M
9	10.2			13 9.21	6			44 47.8	R										
10	10.3			13 9.50	4			44 51.6	R	70		R. P. L. 34—s.p.							
										May 17	...	3	25	7.01 5.32	3	3	45	33.6	R

7.01

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"			
71		<i>Anon.</i>									81		<i>Anon.</i>								
Jan. 17	8·3	3	25	9·88	...	128	59	49·5	M	Jan. 18	8·0	3	39	52·22	...	66	28	48·6	M		
72		<i>Anon.</i>									82		<i>25 Tauri η, Aleyone.</i>								
Dec. 20	10·3	3	33	57·44	4	128	28	23·4	R	Jan. 21	...	3	39	56·21	...	66	17	23·4	M		
73		<i>Lacaille 1193.</i>									22	...	39	56·07	...	17	22·7	M			
Jan. 6	8·1	3	35	28·68	...	146	33	27·6	M	Dec. 9	...	39	56·24	6	17	23·8	R				
7	8·0	35	28·59	...	33	27·9	M	11	...	39	56·18	6	17	23·5	R						
74		<i>Anon.</i>									23	...	39	56·12	4	17	23·2	R			
Jan. 8	8·7	3	35	30·55	...	150	11	30·5	M	29	...	39	56·15	...	17	22·3	M				
75		<i>Taylor 1256.</i>									83		<i>30 Tauri ε</i>								
Jan. 10	7·9	3	35	38·09	...	150	11	30·3	M	Jan. 9	6·0	3	41	18·50	5	79	14	58·7	M		
11	8·0	35	38·19	...	11	32·0	M	84		<i>34 Eridani γ¹</i>											
16	7·9	35	37·99	...	11	30·0	M	Jan. 4	...	3	52	6·24	...	103	52	16·4	M				
76		<i>Anon.</i>									21	...	52	6·28	...	52	17·0	M			
Jan. 20	9·5	3	36	0·27	...	152	24	39·8	M	22	...	52	6·26	...	52	16·8	M				
Dec. 8	9·9	36	0·55	4	24	37·7	R	Dec. 18	...	52	6·31	6	52	17·0	R						
10	9·8	36	0·58	4	24	39·1	R	20	...	52	6·31	6	52	19·0	R						
77		<i>Anon.</i>									23	...	52	6·34	6	52	18·9	R			
Dec. 6	10·3	3	36	6·68	4	129	8	47·3	R	29	...	52	6·24	...	52	17·6	M				
78		<i>Lacaille 1200.</i>									85		<i>R. P. L. 35.</i>								
Jan. 23	6·8	3	36	37·35	...	146	38	44·8	M	Jan. 6	...	3	57	25·41	3	4	47	2·7	M		
79		<i>Anon.</i>									9	...	57	24·97	3	47	1·2	M			
Jan. 23	8·7	3	37	10·94	5	148	25	45·1	M	14	...	57	26·44	3	47	1·5	M				
Dec. 4	...	37	10·98	5	25	42·5	R	86		<i>37 Eridani.</i>											
80		<i>17 Tauri, Electra.</i>									Jan. 14	5·7	4	4	11·07	6	97	15	27·5	M	
Jan. 4	...	3	37	20·29	...	66	17	16·5	M	87		<i>38 Eridani o¹</i>									
										Jan. 2	...	4	5	40·02	...	97	10	13·7	M		
										18	...	5	40·02	...	10	13·6	M				
										23	...	5	40·00	...	10	13·3	M				
										25	...	5	40·11	...	10	12·9	M				
										Dec. 20	...	5	39·85	6	10	15·6	R				
										29	...	5	40·04	...	10	18·9	M				

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		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
88 <i>U Tauri, Var. 7.</i>										96 <i>Anon.</i>									
Jan. 21	9·6	4	14	25·08	...	70	29	22·0	M	Jan. 8	9·5	4	34	30·14	...	130	50	30·4	M
22	9·7		14	25·06	5		29	20·7	M	Dec. 11	9·7		34	30·17	5		50	29·9	R
28	9·8		14	25·18	...		29	20·7	M	97 <i>Anon.</i>									
Feb. 6	10·2		14	25·17	...		29	17·9	M	Jan. 10	9·3	4	34	41·66	...	144	54	45·2	M
89 <i>74 Tauri e</i>										11	9·4		34	41·89	...		54	47·8	M
Jan. 18	...	4	21	12·21	...	71	6	12·7	M	98 <i>Anon.</i>									
24	...		21	12·21	...		6	13·1	M	Dec. 6	10·0	4	34	43·19	4	153	25	43·8	R
29	...		21	12·02	...		6	13·0	M	99 <i>95 Tauri.</i>									
30	...		21	12·22	...		6	13·1	M	Jan. 17	7·0	4	35	32·72	6	66	9	15·9	M
Dec. 20	...		21	12·13	6		6	13·2	R	100 <i>3 Aurigæ e</i>									
90 <i>R Tauri, Var. 2.</i>										Jan. 4	...	4	48	43·58	...	57	2	14·7	M
Jan. 2	8·0	4	21	20·32	...	80	7	22·5	M	25	...		48	43·55	...		2	14·9	M
6	8·3		21	20·27	5		7	23·2	M	27	...		48	43·70	...		2	15·2	M
7	8·2		21	20·47	...		7	22·4	M	29	...		48	43·56	...		2	15·8	M
91 <i>Anon.</i>										Feb. 5	...		48	43·51	...		2	15·7	M
Dec. 11	10·3	4	22	31·04	5	80	26	40·4	R	101 <i>Anon.</i>									
92 <i>Anon.</i>										Dec. 10	10·4	4	51	56·05	3	82	7	41·0	R
Dec. 13	10·2	4	22	51·65	5	80	20	1·0	R	102 <i>R Orionis, Var. 3.</i>									
93 <i>87 Tauri a, Aldebaran.</i>										Jan. 9	9·4	4	52	7·35	...	82	3	55·8	M
Jan. 4	...	4	28	37·98	...	73	44	53·7	M	10	9·3		52	7·28	...		3	56·8	M
31	...		28	38·06	...		44	54·7	M	103 <i>7 Aurigæ e, Var. 1.</i>									
Feb. 1	...		28	38·12	...		44	54·0	M	Jan. 7	...	4	52	51·45	...	46	22	3·2	M
5	...		28	38·00	...		44	54·7	M	11	...		52	51·53	...		22	2·2	M
Dec. 23	...		28	38·09	5		44	53·4	R	14	...		52	51·77	...		22	4·0	M
94 <i>Lacaille 1551—2nd.</i>										15	...		52	51·58	...		22	3·8	M
Feb. 6	10·0	4	32	19·77	4	153	5	16·6	M	104 <i>11 Orionis.</i>									
95 <i>Anon.</i>										Jan. 16	5·2	4	57	18·77	...	74	46	30·5	M
Jan. 6	9·0	4	34	9·85	...	130	50	37·0	M										
7	9·0		34	10·04	...		50	36·7	M										
Dec. 13	9·5		34	10·08	3		50	37·9	R										

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
123 <i>Anon.</i>									129 <i>Anon.</i>										
Feb. 6	9.0	5	26	25.85	6	121	23	58.7	M	Jan. 10	9.0	5	40	8.85	...	135	47	53.7	M
7	9.1		26	26.03	...		23	57.4	M	11	9.0		40	8.85	5		47	52.4	M
124 <i>11 Leporis α</i>									130 <i>Anon.</i>										
Jan. 7	...	5	27	7.81	...	107	54	53.9	M	Jan. 24	9.0	5	40	51.10	4	120	57	48.8	M
8	...		27	7.72	...		54	53.5	M	25	9.0		40	50.97	...		57	48.6	M
Feb. 15	...		27	7.84	...		54	57.0	M	131 <i>Anon.</i>									
125 <i>46 Orionis ϵ</i>									Feb. 12 | 10.2 | 5 42 17.22 | 4 | 136 4 5.8 | M										
Jan. 2	...	5	29	46.18	...	91	17	7.1	M	132 <i>Anon.</i>									
6	...		29	46.14	...		17	6.9	M	Jan. 6	9.3	5	44	14.08	5	152	57	51.7	M
14	...		29	45.95	5		17	9.5	M	133 <i>54 Orionis χ^1</i>									
16	...		29	46.09	...		17	7.4	M	Jan. 2	...	5	46	51.97	...	69	45	0.2	M
20	...		29	46.22	...		17	7.4	M	7	...		46	51.88	...		45	0.6	M
24	...		29	46.17	...		17	6.2	M	134 <i>58 Orionis α, Var. 1.</i>									
Feb. 13	...		29	46.17	...		17	7.0	M	Jan. 20	...	5	48	17.81	...	82	37	7.9	M
14	...		29	46.11	...		17	6.3	M	28	...		48	17.80	...		37	6.6	M
20	...		29	46.30	...		17	7.6	M	31	...		48	17.70	...		37	7.7	M
21	...		29	46.26	...		17	6.4	M	Feb. 24	...		48	17.78	...		37	5.5	M
24	...		29	46.21	...		17	6.4	M	135 <i>Anon.</i>									
126 <i>123 Tauri ζ</i>									Jan. 30 | 8.7 | 5 50 9.21 | 6 | 135 43 0.4 | M										
Jan. 15	5.0	5	30	3.32	...	68	56	15.8	M	Feb. 6	8.6		50	9.06	...		43	1.4	M
127 <i>α Columbæ.</i>									136 <i>Anon.</i>										
Jan. 6	...	5	35	3.06	...	124	8	35.1	M	Feb. 14	9.5	5	51	14.37	4	130	42	53.5	M
8	...		35	2.99	...		8	36.8	M	20	9.6		51	14.18	5		42	54.0	M
9	...		35	2.97	...		8	37.0	M	137 <i>Anon.</i>									
27	...		35	3.14	...		8	35.9	M	Jan. 11	8.9	5	53	19.24	...	130	24	51.8	M
28	...		35	3.10	...		8	37.1	M	25	8.6		53	19.08	...		24	50.9	M
30	...		35	3.02	...		8	35.7	M	138 <i>Anon.</i>									
Feb. 10	...		35	3.04	...		8	34.0	M	Jan. 10	7.9	5	53	39.32	...	141	40	4.9	M
11	...		35	3.19	...		8	34.6	M										
128 <i>Anon.</i>																			
Jan. 16	9.2	5	40	0.99	...	120	59	40.9	M										
17	9.2		40	1.26	...		59	48.8	M										
18	9.2		40	1.00	...		59	42.7	M										
21	9.1		40	0.86	...		59	45.0	M										
22	9.1		40	1.05	...		59	41.8	M										

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Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
139 <i>Anon.</i>									147 <i>Anon.</i>										
Feb. 5	9.2	5	53	53.62	5	121	32	33.5	M	Feb. 12	9.5	6	8	37.10	...	155	3	38.9	M
7	9.2		53	59.01	4		32	31.4	M										
140 <i>Anon.</i>									148 <i>Anon.</i>										
Feb. 10	9.7	5	54	49.24	5	187	45	10.8	M	Jan. 16	9.5	6	10	10.04	6	153	14	32.8	M
										Feb. 26	9.6		10	10.01	...		14	31.9	M
										27	9.7		10	9.73	...		14	32.2	M
141 <i>64 Orionis χ^3</i>									149 <i>Anon.</i>										
Jan. 9	5.5	5	55	56.17	5	70	18	35.9	M	Mar. 3	9.9	6	11	48.23	...	152	1	56.1	M
24	5.5		55	56.22	...		18	34.9	M										
142 <i>62 Orionis χ^4</i>									150 <i>Anon.</i>										
Feb. 21	...	5	56	22.60	...	69	51	40.9	M	Jan. 24	8.7	6	12	3.73	5	121	31	40.6	M
26	...		56	22.55	...		51	39.7	M										
143 <i>1 Geminorum.</i>									151 <i>Anon.</i>										
Feb. 8	...	5	56	24.00	5	66	43	57.2	M	Jan. 28	9.3	6	12	16.80	5	136	50	59.7	M
27	...		56	24.00	...		43	57.5	M	Feb. 28	9.3		12	16.76	...		50	59.3	M
28	...		56	23.82	5		43	57.4	M										
Mar. 3	...		56	23.89	6		43	56.8	M										
144 <i>67 Orionis ν</i>									152 <i>Lalande 12053.</i>										
Jan. 7	...	6	0	19.18	...	75	13	7.6	M	Jan. 25	8.6	6	12	56.25	...	68	51	27.5	M
15	...		0	19.20	...		13	7.8	M										
21	...		0	19.23	...		13	7.2	M										
22	...		0	19.31	...		13	7.8	M										
27	...		0	19.29	...		13	7.0	M										
28	...		0	19.28	...		13	7.0	M										
145 <i>7 Geminorum η</i>									153 <i>Lalande 12094.</i>										
Jan. 6	5.8	6	7	12.60	...	67	27	32.6	M	Jan. 30	8.6	6	14	7.32	...	68	42	11.7	M
7	5.7		7	12.65	...		27	33.1	M										
11	5.8		7	12.66	...		27	33.1	M										
14	5.7		7	13.01	...		27	33.5	M										
15	5.7		7	12.81	...		27	32.7	M										
146 <i>Anon.</i>									154 <i>13 Geminorum μ</i>										
Feb. 11	9.0	6	7	55.32	...	137	6	29.4	M	Jan. 2	...	6	15	16.54	...	67	25	26.5	M
										6	...		15	16.69	...		25	26.2	M
										7	...		15	16.60	...		25	26.6	M
										10	...		15	16.56	...		25	27.5	M
										15	...		15	16.62	...		25	28.8	M
										Feb. 13	...		15	16.65	...		25	26.8	M
										17	...		15	16.58	...		25	26.3	M
										19	...		15	16.48	...		25	25.7	M
										21	...		15	16.67	...		25	26.9	M
										Mar. 4	...		15	16.54	...		25	25.7	M

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
155 <i>Lalande 12386.</i>										159 <i>9 Canis Majoris a, Sirius.</i>									
Jan. 9	7.5	6	21	57.03	...	78	54	6.5	M	Dec. 18	...	6	39	32.99	6	106	32	39.7	B
11	7.4		21	57.07	...		54	7.4	M										
14	7.2		21	57.30	...		54	6.9	M										
17	7.3		21	57.04	...		54	7.0	M										
18	7.2		21	57.20	...		54	5.9	M										
156 <i>Lalande 12419.</i>										160 <i>51 Cephei (Hev.)</i>									
Jan. 31	8.4	6	22	39.86	...	79	15	16.7	M	Jan. 29	...	6	40	15.24	3	2	45	49.2	M
Feb. 5	8.2		22	39.68	4		15	17.3	M	Feb. 15	...		40	14.19	2		45	47.7	M
7	7.9		22	39.86	...		15	15.7	M	20	...		40	14.16	3		45	46.9	M
10	8.0		22	39.82	...		15	15.9	M	26	...		40	14.90	3		45	46.6	M
11	7.9		22	39.68	...		15	16.2	M	Mar. 6	...		40	15.40	2		45	46.6	M
										161 <i>21 Canis Majoris e</i>									
157 <i>24 Geminorum γ</i>										<i>51 Cephei (Hev.)—s.p.</i>									
Jan. 7	...	6	30	22.53	...	79	29	42.4	M	Aug. 14	...	6	40	^{15.07} 18.84	3	2	45	48.8	B
8	...		30	22.62	...		29	42.3	M										
9	...		30	22.47	...		29	42.7	M										
10	...		30	22.50	...		29	41.7	M										
15	...		30	22.46	...		29	41.9	M										
16	...		30	22.46	...		29	42.0	M										
20	...		30	22.54	...		29	42.6	M										
30	...		30	22.44	...		29	41.9	M										
Feb. 12	...		30	22.45	...		29	42.0	M										
13	...		30	22.49	...		29	42.3	M										
14	...		30	22.40	...		29	41.8	M										
15	...		30	22.44	...		29	41.8	M										
17	...		30	22.42	...		29	41.2	M										
19	...		30	22.55	...		29	41.1	M										
22	...		30	22.37	...		29	42.4	M										
24	...		30	22.46	...		29	41.5	M										
Mar. 1	...		30	22.53	...		29	41.8	M										
3	...		30	22.34	...		29	41.8	M										
4	...		30	22.55	...		29	40.9	M										
5	...		30	22.43	...		29	41.3	M										
6	...		30	22.50	...		29	42.6	M										
7	...		30	22.43	...		29	40.9	M										
10	...		30	22.58	...		29	42.3	M										
158 <i>31 Geminorum ξ</i>										162 <i>43 Geminorum ζ^a, Var. 1.</i>									
Jan. 10	...	6	38	9.04	...	76	58	11.6	M	Jan. 27	4.7	6	56	34.65	...	69	14	46.0	M

15.07

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
163 <i>23 Canis Majoris γ</i>										170 <i>55 Geminorum δ</i>									
Jan 11	...	6	58	0.85	...	105	26	51.7	M	Jan. 14	...	7	12	32.35	...	67	47	11.7	M
14	...		58	0.81	...		26	51.2	M	25	...		12	32.09	...		47	11.0	M
17	...		58	0.78	...		26	50.9	M	27	...		12	31.97	...		47	12.3	M
18	...		58	0.74	...		26	50.7	M	29	...		12	32.22	...		47	11.8	M
Feb. 7	...		58	0.81	...		26	51.7	M	31	...		12	32.31	...		47	10.3	M
8	...		58	0.76	...		26	51.9	M	Feb. 1	...		12	32.06	...		47	10.7	M
17	...		58	0.80	...		26	52.1	M	171 <i>60 Geminorum ι</i>									
22	...		58	0.72	...		26	50.7	M	Feb. 10	...	7	17	50.20	...	61	57	7.6	M
24	...		58	0.69	...		26	50.9	M	11	...		17	50.08	...		57	7.6	M
28	...		58	0.78	...		26	50.8	M	20	...		17	50.18	...		57	7.7	M
Mar. 3	...		58	0.87	...		26	50.4	M	21	...		17	50.24	...		57	8.7	M
4	...		58	0.81	...		26	50.5	M	172 <i>Lalande 14397.</i>									
164 <i>Anon.</i>										Feb. 22	7.5	7	19	17.50	...	41	49	23.8	M
Jan. 22	9.3	7	1	47.75	...	129	39	58.3	M	173 <i>6 Canis Minoris.</i>									
165 <i>Anon.</i>										Jan. 8	...	7	22	43.65	...	77	43	58.6	M
Feb. 13	9.0	7	3	7.35	...	141	24	54.4	M	174 <i>Anon.</i>									
15	9.0		3	7.57	...		24	54.1	M	Jan. 16	9.0	7	24	15.10	...	152	48	17.8	M
166 <i>Anon.</i>										Feb. 28	9.6		24	15.06	...		48	18.2	M
Feb. 24	9.2	7	8	8.16	...	148	46	53.8	M	175									
167 <i>Anon.</i>										Jan. 27	9.4	7	25	2.37	...	130	10	37.6	M
Jan. 7	8.9	7	8	15.31	6	152	5	53.4	M	176 <i>Anon.</i>									
168 <i>Anon.</i>										Jan. 15	8.8	7	26	18.40	...	142	7	1.2	M
Feb. 26	9.7	7	10	4.15	6	180	19	31.1	M	177 <i>66 Geminorum α², Castor.</i>									
169 <i>Anon.</i>										Mar. 4	...	7	26	29.67	...	57	50	8.2	M
Jan. 23	9.5	7	10	34.21	...	131	53	7.1	M	5	...		26	29.30	...		50	8.3	M
30	9.4		10	34.07	...		53	6.9	M	6	...		26	29.78	...		50	7.8	M
										7	...		26	29.79	...		50	9.1	M
										10	...		26	29.84	...		50	6.2	M
										Dec. 18	...		26	29.70	4		50	8.6	M

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
178 <i>Anon.</i>										187 <i>77 Geminorum κ</i>									
Jan. 17	9.5	7	26	55.83	...	129	46	8.2	M	Feb. 28	...	7	36	46.69	6	65	17	59.4	M
30	9.5		26	55.68	...		46	10.4	M										
179 <i>Anon.</i>										188 <i>Anon.</i>									
Feb. 13	9.3	7	27	18.95	5	153	11	52.3	M	Mar. 7	7.6	7	36	49.36	...	128	56	26.5	M
24	9.3		27	19.22	...		11	50.8	M										
180 <i>74 Geminorum f</i>										189 <i>Anon.</i>									
Jan. 23	5.9	7	32	8.40	...	72	2	18.6	M	Mar. 10	7.7	7	37	5.94	...	180	52	6.2	M
181 <i>10 Canis Minoris α, Procyon.</i>										190 <i>78 Geminorum β, Pollux.</i>									
Jan. 23	...	7	32	39.19	...	84	27	5.3	M	Feb. 5	...	7	37	32.45	...	61	40	10.1	M
Feb. 6	...		32	39.10	...		27	7.2	M	7	...		37	32.56	...		40	10.5	M
7	...		32	39.08	...		27	5.2	M										
8	...		32	39.11	...		27	5.3	M										
11	...		32	39.20	...		27	2.9	M										
12	...		32	39.11	...		27	5.5	M										
20	...		32	38.96	...		27	4.0	M										
21	...		32	39.07	...		27	2.9	M										
182 <i>Anon.</i>										191 <i>Anon.</i>									
Feb. 26	10.0	7	33	11.63	5	153	12	46.3	M	Mar. 21	8.6	7	37	51.61	...	130	59	19.2	M
27	9.5		33	11.69	...		12	48.6	M										
183 <i>Anon.</i>										192 <i>Anon.</i>									
Mar. 1	10.0	7	35	26.17	6	153	0	47.6	M	Feb. 14	7.9	7	38	5.40	...	128	54	7.7	M
184 <i>Anon.</i>										193 <i>Anon.</i>									
Mar. 4	8.2	7	35	41.56	...	144	20	56.2	M	Jan. 18	9.0	7	41	52.21	...	148	9	37.1	M
185 <i>76 Geminorum c</i>										194 <i>Anon.</i>									
Mar. 12	6.0	7	36	21.98	...	63	54	56.5	M	Mar. 19	8.9	7	42	10.21	6	153	5	39.1	M
18	6.0		36	22.24	...		54	56.3	M										
186 <i>Taylor 3195.</i>										195 <i>Lacaille 3034.</i>									
Mar. 5	8.0	7	36	41.02	...	150	20	18.9	M	Feb. 10	8.6	7	44	10.58	...	153	52	58.8	M
6	8.0		36	40.94	...		20	19.2	M										
187 <i>77 Geminorum κ</i>										196 <i>Anon.</i>									
Jan. 23	...	7	45	43.29	...	62	54	28.8	M	Jan. 30	9.0	7	44	28.31	5	180	57	20.8	M
25	...		45	43.36	...		54	27.2	M	Mar. 5	9.0		44	28.10	...		57	19.6	M

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
198 <i>Anon.</i>									208 <i>6 Cancri.</i>										
Feb. 6	8.2	7	47	12.60	...	158	22	9.6	M	Feb. 7	...	7	55	43.00	...	61	51	7.2	M
24	9.0		47	12.88	...		22	9.5	M	8	...		55	42.94	...		51	7.6	M
199 <i>Anon.</i>									209 <i>Anon.</i>										
Mar. 4	9.3	7	49	1.40	...	129	56	11.9	M	Mar. 1	9.6	7	56	50.59	6	129	22	49.1	M
200 <i>Anon.</i>									210 <i>Anon.</i>										
Feb. 20	9.0	7	49	17.78	...	130	27	27.1	M	Mar. 7	9.4	7	57	43.58	...	156	25	37.5	M
										20	9.5		57	43.60	...		25	36.7	M
201 <i>Anon.</i>									211 <i>8 Cancri.</i>										
Mar. 6	7.0	7	49	36.86	...	152	36	17.0	M	Feb. 13	6.0	7	57	59.82	...	76	31	19.7	M
202 <i>1 Cancri.</i>									212 <i>Anon.</i>										
Feb. 19	6.0	7	49	46.76	...	73	52	21.2	M	Mar. 5	6.0		57	59.95	...		31	19.1	M
										17	6.0		57	59.83	6		31	20.0	M
										28	6.0		57	59.78	...		31	19.8	M
203 <i>Taylor 3323.</i>									213 <i>15 Argus ρ</i>										
Mar. 10	7.5	7	49	57.50	...	149	17	8.0	M	Jan. 30	...	8	2	8.17	...	113	56	23.2	M
12	7.7		49	57.75	...		17	6.6	M	Feb. 5	...		2	8.20	...		56	23.4	M
										6	...		2	8.17	...		56	23.7	M
										8	...		2	8.22	...		56	23.8	M
										10	...		2	8.10	...		56	23.7	M
204 <i>Anon.</i>									214 <i>Anon.</i>										
Mar. 14	7.9	7	50	5.26	...	149	9	52.0	M	Feb. 26	9.7	8	2	25.30	...	113	48	20.1	M
17	7.9		50	5.53	...		9	51.3	M	Mar. 12	9.5		2	25.59	6		48	18.3	M
205 <i>Anon.</i>									215 <i>14 Cancri ψ^2</i>										
Mar. 18	8.1	7	50	23.92	5	129	39	51.3	M	Feb. 12	5.5	8	2	43.08	...	64	6	34.2	M
21	8.7		50	23.83	...		39	50.8	M	216 <i>Anon.</i>									
206 <i>Gould 10480.</i>									216 <i>Anon.</i>										
Feb. 27	8.0	7	52	36.49	...	151	32	4.4	M	Feb. 28	9.7	8	4	33.62	...	154	42	6.7	M
28	8.0		52	36.37	...		32	5.6	M										
207 <i>5 Cancri.</i>																			
Jan. 29	6.4	7	54	15.96	...	73	11	49.4	M										
Feb. 21	6.0		54	15.86	...		11	49.5	M										

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Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.		
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"			
217		<i>Anon.</i>								226		<i>Anon.</i>									
Feb. 27	10·0	8	10	15·56	...	150	48	18·6	M	Feb. 14	8·0	8	26	20·87	...	144	59	33·6	M		
										27	8·0			26	20·80	...			59	33·7	M
218		<i>W. B. E. VIII. 178.</i>								227		<i>Anon.</i>									
Mar. 19	9·9	8	10	25·74	...	74	17	50·8	M	Feb. 20	9·2	8	26	45·14	...	130	32	17·9	M		
219		<i>Anon.</i>								228		<i>Anon.</i>									
Mar. 21	9·7	8	10	29·01	4	150	34	19·1	M	Mar. 5	9·3	8	29	9·34	...	75	20	56·1	M		
220		<i>Anon.</i>								229		<i>Anon.</i>									
Mar. 5	9·4	8	10	35·16	...	151	27	57·4	M	Mar. 6	9·7	8	29	18·52	6	70	42	29·5	M		
10	9·5		10	35·42	6		27	57·2	M	10	9·5		29	18·37	...		42	29·3	M		
221		<i>Anon.</i>								230		<i>W. B. N. VIII. 684.</i>									
Mar. 17	8·3	8	11	59·14	...	152	2	56·0	M	Mar. 19	8·5	8	29	31·90	...	70	40	44·1	M		
28	8·5		11	58·83	6		2	56·6	M												
222		<i>19 Cancri λ</i>								231		<i>11 Hydræ ε</i>									
Jan. 28	5·7	8	12	53·87	6	65	34	47·5	M	Feb. 11	...	8	40	3·04	...	88	7	0·8	M		
28	5·9		12	53·83	...		34	47·8	M	13	...		40	2·89	...		7	0·3	M		
223		<i>Anon.</i>								14	...		40	2·88	...		7	1·1	M		
Mar. 6	8·4	8	13	1·11	...	130	29	59·7	M	15	...		40	3·01	...		6	59·8	M		
224		<i>Anon.</i>								20	...		40	2·90	...		7	0·2	M		
Feb. 26	10·0	8	14	37·52	5	154	6	45·4	M	21	...		40	2·93	...		7	0·8	M		
225		<i>33 Cancri η</i>								22	...		40	2·91	...		7	0·2	M		
Feb. 10	...	8	25	21·65	...	69	7	45·0	M	Mar. 12	...		40	2·85	...		7	0·5	M		
12	...		25	21·64	...		7	46·0	M	14	...		40	2·77	6		7	0·2	M		
15	...		25	21·59	...		7	44·4	M	17	...		40	3·19	...		7	0·2	M		
19	...		25	21·70	...		7	44·5	M	20	...		40	2·88	...		7	1·6	M		
Mar. 14	...		25	21·61	...		7	44·9	M	21	...		40	3·01	...		7	3·0	M		
17	...		25	21·80	...		7	45·4	M	24	...		40	3·13	...		7	0·7	M		
24	...		25	21·67	...		7	46·1	M	27	...		40	3·03	...		7	0·4	M		
										28	...		40	2·95	...		6	59·4	M		
232		<i>R. P. L. 60.</i>								232		<i>R. P. L. 60.</i>									
Mar. 3	...	8	48	26·63	3	5	18	54·7	M	Mar. 3	...	8	48	26·63	3	5	18	54·7	M		
18	...		48	27·07	3		18	54·4	M	18	...		48	27·07	3		18	54·4	M		

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Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
R. P. L. 60—s.p.																				
Sep. 19	...	8	48	26.31	3	5	18	52.0	M	242	<i>Anon.</i>									
Oct. 21	...		48	27.64	3		18	54.3	M	Mar. 10	9.5	8	57	3.97	...	129	20	18.6	M	
233 <i>Anon.</i>																				
Mar. 5	10.0	8	48	27.70	...	133	27	9.2	M	243 77 Caneri ξ										
234 <i>T Caneri, Var. 3.</i>																				
Mar. 20	9.0	8	49	24.74	...	69	40	0.7	M	Feb. 18	...	9	2	3.25	...	67	26	33.4	M	
235 <i>Anon.</i>																				
Mar. 25	10.2	8	51	12.75	4	98	46	18.8	R	244 <i>Anon.</i>										
29	10.4		51	12.98	5		46	18.2	R	Mar. 25	10.4	9	9	54.91	4	73	54	59.5	M	
236 <i>Anon.</i>																				
Mar. 12	9.7	8	51	35.61	...	147	16	38.0	M	29	10.4		9	54.99	4		54	57.2	R	
19	9.7		51	35.77	6		16	35.5	M	245 <i>Anon.</i>										
237 <i>Anon.</i>																				
Feb. 20	9.9	8	52	13.29	...	137	26	45.6	M	Mar. 12	9.6	9	10	27.52	...	150	27	35.5	M	
27	9.7		52	13.20	...		26	43.7	M	246 <i>Anon.</i>										
28	9.6		52	13.12	...		26	44.2	M	Apl. 4	9.8	9	11	24.77	...	70	42	59.8	R	
238 <i>Anon.</i>																				
Feb. 26	8.0	8	55	14.22	...	142	51	1.6	M	247 83 Caneri.										
239 <i>Taylor 3941.</i>																				
Feb. 17	8.4	8	55	15.74	...	144	8	29.2	M	Feb. 20	...	9	11	53.52	...	71	45	23.2	M	
240 69 Caneri ν																				
Feb. 22	...	8	55	18.45	6	65	2	55.6	M	26	...		11	53.43	...		45	23.5	M	
Mar. 1	...		55	18.55	...		2	56.8	M	27	...		11	53.48	...		45	28.6	M	
6	...		55	18.72	...		2	56.0	M	Mar. 21	...		11	53.56	...		45	29.7	M	
241 <i>Anon.</i>																				
Mar. 14	9.9	8	56	34.18	...	146	53	10.6	M	248 ι Argus.										
249 <i>Anon.</i>																				
Mar. 14	8.9	9	15	32.31	...	143	50	59.1	M	Mar. 27	...	9	13	41.25	...	148	44	37.6	M	
250 <i>Anon.</i>																				
Feb. 15	8.5	9	15	58.16	4	124	49	3.3	M	28	...		13	41.17	...		44	37.4	M	
Mar. 21	8.1		15	58.02	...		49	7.8	M	251 <i>Anon.</i>										
251 <i>Anon.</i>																				
Mar. 29	9.5	9	16	50.68	5	70	28	53.7	R	Mar. 29	9.5	9	16	50.68	5	70	28	53.7	R	
31	9.7		16	50.84	...		28	59.4	R	31	9.7		16	50.84	...		28	59.4	R	

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
252 <i>Anon.</i>									Mar. 6	...	9	38	38	32	...	65	38	32	2	M
Apl. 12	9.4	9	16	53.70	...	124	49	50.2	M	10	...	38	38	32	5	38	38	2	M	
253 <i>Anon.</i>									17	...	38	38	28	...	38	38	5	M		
Feb. 24	8.0	9	19	58.64	...	75	8	49.0	M	18	...	38	38	24	5	38	32	8	M	
28	8.0	19	58.79	...	8	49.4	M	19	...	38	38	14	...	38	32	6	M			
Mar. 25	8.2	19	58.84	...	8	48.7	M	20	...	38	38	20	...	38	32	9	M			
254 <i>Lalande 18595.</i>									21	...	38	38	22	...	38	34	2	M		
Mar. 3	8.7	9	20	46.45	...	66	9	53.1	M	24	...	38	38	32	...	38	38	3	M	
6	8.7	20	46.34	...	9	51.6	M	25	...	38	38	38	...	38	38	2	M			
17	8.7	20	46.25	...	9	52.2	M	27	...	38	38	41	...	38	32	8	M			
27	8.8	20	46.43	6	9	53.3	M	28	...	38	38	29	...	38	32	6	M			
28	8.9	20	46.28	...	9	52.4	M	260 <i>Anon.</i>												
255 <i>30 Hydræ α, Var. 2.</i>									Mar. 1	8.0	9	39	55.94	...	148	36	9.6	M		
Feb. 26	...	9	21	20.78	...	98	6	33.4	M	261 <i>Anon.</i>										
27	...	21	20.71	...	6	33.5	M	Mar. 3	8.0	9	42	11.85	...	180	51	51.5	M			
256 <i>2 Leonis ω</i>									262 <i>Bonn + 18°. 2276.</i>											
Feb. 19	6.0	9	21	39.42	...	80	23	28.8	M	Mar. 24	9.0	9	43	42.04	...	71	40	26.2	M	
Mar. 24	6.0	21	39.60	5	23	29.4	M	27	9.0	43	42.07	...	40	25.5	M					
Apl. 5	...	21	39.38	...	23	29.5	M	28	8.9	43	42.06	...	40	24.8	M					
257 <i>25 Ursæ Majoris θ</i>									31	9.3	43	41.94	...	40	25.7	R				
Mar. 29	...	9	24	21.17	...	37	44	44.0	R	Apl. 8	9.3	43	42.08	...	40	25.7	R			
258 <i>4 Leonis λ</i>									263 <i>Anon.</i>											
Feb. 14	...	9	24	28.25	...	66	28	24.4	M	Apl. 12	9.5	9	44	26.41	4	148	32	27.7	M	
Mar. 12	...	24	28.24	...	28	24.0	M	264 <i>Bonn + 18°. 2278.</i>												
18	...	24	28.45	...	28	24.4	M	Mar. 4	8.6	9	44	39.23	...	71	55	28.8	M			
259 <i>17 Leonis ε</i>									5	8.7	44	39.42	...	55	29.2	M				
Feb. 26	...	9	38	38.29	...	65	38	31.5	M	6	8.7	44	39.43	...	55	28.9	M			
27	...	38	38.37	...	38	32.1	M	12	8.5	44	39.23	...	55	27.8	M					
28	...	38	38.43	...	38	32.6	M	18	8.9	44	39.25	6	55	29.4	M					
Mar. 5	...	38	38.37	...	38	33.5	M	265 <i>Bonn + 18°. 2279.</i>												
259 <i>17 Leonis ε</i>									Mar. 19	9.0	9	44	48.24	...	72	3	11.9	M		
Feb. 26	...	9	38	38.29	...	65	38	31.5	M	20	9.1	44	41.18	...	3	11.8	M			
27	...	38	38.37	...	38	32.1	M													
28	...	38	38.43	...	38	32.6	M													
Mar. 5	...	38	38.37	...	38	33.5	M													

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
266 Anon.										275 Anon.									
Feb. 24	9.2	9	45	19.36	...	129	49	49.6	M	Mar. 24	8.7	9	56	45.43	...	144	6	28.8	M
267 R. P. L. 70—s.p.										276 W. B. N. IX. 1189.									
Aug. 11	...	9	48	59.45 —1.01	2	5	23	20.3	R	Apl. 19	9.8	9	56	57.06	...	73	10	14.1	R
268 W. B. N. IX. 1020.										277 W. B. N. IX. 1203.									
Mar. 21	9.0	9	48	57.14	...	71	51	25.8	M	Apl. 16	9.7	9	58	22.20	5	72	55	4.8	R
Apl. 4	9.0		48	57.16	...		51	22.7	R										
8	...		48	57.29	4		51	26.1	R	278 30 Leonis η									
269 W. B. N. IX. 1047.										Apl. 22 ... 10 0 24.30 ... 72 37 8.8 R									
Mar. 14	9.0	9	50	2.33	...	72	20	27.4	M	279 W. B. N. IX. 1282.									
Apl. 14	9.2		50	2.35	...		20	27.9	M	Mar. 6	9.0	10	0	47.81	...	73	6	15.4	M
21	9.5		50	2.33	5		20	27.1	R	7	8.9		0	47.73	...		6	15.6	M
270 Anon.										17 8.9 0 47.73 ... 6 15.1 M									
Mar. 29	...	9	52	45.35	4	72	4	14.5	R	Apl. 17	9.8		0	47.81	...		6	15.1	R
31	10.3		52	46.01	4		4	14.6	R	280 32 Leonis α, Regulus.									
Apl. 17	10.3		52	45.45	4		4	13.0	R	Feb. 24	...	10	1	36.43	...	77	24	47.8	M
18	10.4		52	45.62	3		4	15.2	R	Mar. 1	...		1	36.44	...		24	49.5	M
271 29 Leonis π										12 ... 1 36.59 6 24 48.4 M									
Feb. 26	...	9	53	30.07	...	81	20	51.7	M	Apl. 7	...		1	36.38	...		24	48.7	R
27	...		53	29.99	...		20	52.2	M	281 Anon.									
28	...		53	30.08	...		20	51.6	M	Mar. 31	9.8	10	2	48.27	5	123	30	4.7	R
Mar. 3	...		53	30.09	...		20	51.8	M	282 33 Leonis.									
272 Anon.										Mar. 29 8.0 10 3 50.65 ... 73 40 14.9 R									
Mar. 5	9.5	9	55	9.77	6	125	20	0.5	M	283 Anon.									
25	9.7		55	9.99	4		20	0.8	M	Feb. 28	8.7	10	4	49.64	...	122	56	38.5	M
273 W. B. N. IX. 1160.										284 R. P. L. 72.									
Mar. 28	8.9	9	55	35.98	...	73	20	15.2	M	Mar. 14	...	10	10	50.25	3	5	6	19.0	M
274 Taylor 4444.										27 ... 10 49.95 3 6 18.4 M									
Feb. 22	8.4	9	55	44.02	...	87	26	22.1	M	Apl. 4	...		10	50.22	3		6	17.8	R
Mar. 10	8.5		55	43.84	4		26	24.8	M	14	...		10	50.57	2		6	16.9	M
27	8.6		55	43.86	...		26	22.1	M										

47 59.45

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
285 <i>41 Leonis γ¹</i>										289 <i>Anon.</i>									
Mar. 1	...	10	12	57.99	...	69	31	2.8	M	Mar. 1	10.0	10	28	22.60	...	131	44	22.2	M
3	...		12	58.06	...		31	1.9	M	290 <i>50 Leonis.</i>									
5	...		12	57.97	...		31	2.6	M	Mar. 5	6.4	10	32	5.83	...	73	12	44.1	M
6	...		12	57.99	...		31	1.8	M	6	6.5		32	5.68	...		12	43.2	M
7	...		12	58.04	...		31	1.9	M	291 <i>Stone 5932.</i>									
10	...		12	57.86	...		31	3.0	M	Mar. 7	9.0	10	39	23.69	...	148	37	1.6	M
17	...		12	57.88	...		31	3.4	M	292 <i>Anon.</i>									
286 <i>41 Leonis γ²</i>										293 <i>Taylor 4872.</i>									
Mar. 20	...	10	12	58.21	...	60	31	3.9	M	Mar. 12	9.1	10	30	47.25	...	139	4	53.6	M
28	...		12	58.21	...		31	4.0	M	10	9.3		39	47.34	...		4	57.4	M
29	...		12	58.51	...		31	2.9	R	294 <i>Anon.</i>									
Apl. 5	...		12	58.32	4		31	4.3	R	Apl. 16	10.0	10	41	46.85	...	146	26	1.0	R
12	...		12	58.32	...		31	4.1	M	17	9.8		41	46.68	...		26	2.9	R
16	...		12	58.44	6		31	1.2	R	18	9.4		41	46.89	...		26	3.5	R
17	...		12	58.38	...		31	2.9	R	295 <i>Anon.</i>									
21	...		12	58.44	...		31	2.9	R	Apl. 22	9.6	10	42	16.47	...	140	25	42.7	R
22	...		12	58.40	...		31	3.8	R	296 <i>53 Leonis l</i>									
23	...		12	58.38	...		31	3.3	R	Mar. 31	...	10	42	34.86	...	78	46	57.8	R
287 <i>47 Leonis ρ</i>										297 <i>Cordoba 14787.</i>									
Mar. 12	...	10	26	7.31	...	80	2	25.3	M	Apl. 24	10.0	10	42	46.00	...	148	54	9.1	R
19	...		26	7.39	...		2	25.7	M	25	10.2		42	45.95	...		54	12.9	R
20	...		26	7.52	...		2	27.7	M	26	10.2		42	45.98	...		54	13.5	R
24	...		26	7.28	...		2	26.5	M	298 <i>Anon.</i>									
25	...		26	7.30	...		2	26.0	M	Mar. 8	9.0	10	26	43.62	...	152	28	36.6	M
28	...		26	7.45	...		2	25.7	M										
29	...		26	7.33	...		2	26.1	R										
31	...		26	7.38	...		2	24.5	R										
Apl. 4	...		26	7.45	...		2	24.5	R										
5	...		26	7.36	...		2	27.9	R										
7	...		26	7.39	...		2	26.8	R										
8	...		26	7.34	...		2	26.6	R										
12	...		26	7.38	...		2	26.3	M										
14	...		26	7.33	...		2	25.5	M										
23	...		26	7.33	...		2	27.2	R										

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
298 <i>Anon.</i>										Apl. 14	...	10	58	28.02	...	81	58	40.3	M
Apl. 30	9.8	10	42	51.82	...	75	7	39.0	R	18	...	58	27.90	...	58	41.4	R		
May 8	9.7	42	51.35	6	7	39.3	R	19	...	58	27.77	5	58	42.3	R				
299 <i>Anon.</i>										21	...	58	27.99	...	58	39.9	R		
Apl. 14	9.0	10	42	59.43	...	141	7	17.2	M	25	...	58	27.86	...	58	39.7	R		
300 <i>Anon.</i>										May 2	...	58	27.80	...	58	39.1	R		
Mar. 10	8.7	10	44	16.47	...	137	5	38.3	M	306 <i>65 Leonis p*</i>									
27	8.2	44	16.42	...	5	39.7	M	Mar. 10	5.7	11	0	25.61	...	87	21	23.6	M		
301 <i>Anon.</i>										17	5.0	0	25.58	6	21	24.2	M		
Mar. 17	9.3	10	47	20.96	...	141	47	42.6	M	307 <i>Anon.</i>									
25	9.9	47	20.79	...	47	41.8	M	Mar. 25	9.3	11	0	59.29	...	147	16	39.4	M		
302 <i>Anon.</i>										Apl. 16	9.8	0	59.29	5	16	38.9	R		
Mar. 14	8.6	10	48	14.15	...	150	8	27.2	M	308 <i>Anon.</i>									
303 <i>Anon.</i>										Mar. 19	8.3	11	1	25.86	...	135	36	31.4	M
Mar. 21	9.3	10	48	18.08	...	147	44	55.2	M	27	8.5	1	25.59	...	36	32.4	M		
Apl. 12	9.2	48	18.14	6	44	56.2	M	309 <i>Anon.</i>											
304 <i>R. P. L. 79.</i>										Apl. 12	8.2	11	2	11.51	...	149	16	38.7	M
Apl. 26	...	10	57	49.25	3	1	40	15.9	R	310 <i>Anon.</i>									
<i>R. P. L. 79—s.p.</i>										Mar. 14	8.2	11	2	20.80	...	148	50	7.4	M
Oct. 4	...	10	57	49.19	3	1	40	17.5	R	311 <i>S Leonis, Var. 2.</i>									
Nov. 5	...	57	50.14	2	40	17.2	M	Apl. 24	10.5	11	4	16.80	4	83	51	2.0	R		
305 <i>63 Leonis χ</i>										39	10.5	4	17.04	4	51	6.0	R		
Mar. 12	...	10	58	27.88	...	81	58	39.3	M	30	10.5	4	16.98	5	51	2.5	R		
18	...	58	27.80	...	58	40.0	M	May 8	9.7	4	16.74	...	51	4.7	R				
29	...	58	27.97	...	58	39.3	R	312 <i>Anon.</i>											
Apl. 5	...	58	27.86	...	58	40.0	R	Mar. 20	8.1	11	4	42.82	...	150	17	27.8	M		
7	...	58	27.90	...	58	39.6	R	Apl. 23	9.3	4	42.87	...	17	29.5	R				
8	...	58	27.92	...	58	39.9	R	28	9.0	4	42.60	6	17	28.3	R				
313 <i>Taylor 5083.</i>										313 <i>Taylor 5083.</i>									
										Apl. 14	7.7	11	5	18.17	...	149	41	47.2	M

20.8
21.3

Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
314 <i>Anon.</i>										323 <i>77 Leonis σ</i>									
May 3	10.3	11	6	9.32	4	83	53	20.6	R	Mar. 10	4.5	11	14	85.98	...	88	16	80.0	M
315 <i>Taylor 5108.</i>										17 4.3 14 85.27 ... 16 80.7 M									
Mar. 28	5.6	11	7	9.70	...	140	37	41.4	M	18 4.5 14 85.41 ... 16 80.8 M									
316 <i>Anon.</i>										324 <i>78 Leonis ι</i>									
Apl. 17	9.0	11	7	19.68	...	65	27	57.6	R	Mar. 7	...	11	17	18.27	...	78	46	17.4	M
26	9.0		7	19.64	5	28	0.0		R	325 <i>O. A. N. 11812.</i>									
May 7	9.0		7	19.71	...	27	57.7		R	Mar. 24	8.6	11	28	41.61	...	28	0	43.0	M
317 <i>68 Leonis δ</i>										326 <i>Anon.</i>									
Apl. 4	...	11	7	21.00	...	68	46	52.1	R	Apl. 16	10.0	11	28	54.32	6	28	24	7.5	R
21	...		7	21.04	5	46	51.5		R	327 <i>Anon.</i>									
May 5	...		7	21.06	...	46	51.6		R	Mar. 28	9.0	11	25	46.99	...	128	29	45.3	M
318 <i>Taylor 6007.</i>										29 9.5 25 46.94 ... 29 45.3 R									
Mar. 31	6.8	11	7	25.80	4	81	14	38.2	R	328 <i>Anon.</i>									
Apl. 16	6.2		7	26.01	3	14	39.2		R	Apl. 17	9.5	11	25	53.79	5	22	58	58.4	R
25	6.7		7	25.77	...	14	41.3		R	18 9.7 25 53.84 ... 58 59.6 R									
319 <i>Anon.</i>										329 <i>Anon.</i>									
Apl. 22	10.0	11	9	52.40	...	145	58	12.4	R	Apl. 23	10.0	11	26	13.85	...	128	25	44.5	R
May 6	9.7		9	52.35	...	58	11.8		R	330 <i>Anon.</i>									
320 <i>Anon.</i>										Apl. 24 9.0 11 26 40.86 ... 148 54 16.7 R									
Mar. 29	9.3	11	10	7.87	5	147	17	56.5	R	331 <i>Anon.</i>									
Apl. 18	9.0		10	7.99	...	17	56.0		R	May 7	10.4	11	26	55.26	5	151	40	52.3	R
321 <i>Anon.</i>										8 10.5 26 55.22 5 40 54.8 R									
Mar. 12	8.5	11	10	48.87	...	148	58	46.3	M	332 <i>Coradoba 15790.</i>									
322 <i>12 Crateris δ</i>										Apl. 30 9.0 11 27 0.95 5 151 7 2.5 R									
Mar. 27	...	11	12	59.42	6	104	5	30.7	M	333 <i>Anon.</i>									
31	...		12	59.56	...	5	27.6		R	Apl. 25	10.2	11	27	8.07	5	151	44	33.5	R
Apl. 28	...		12	59.49	...	5	31.8		R										
May 2	...		12	59.51	...	5	30.6		R										
5	...		12	59.58	...	5	31.5		R										

Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
334 <i>Anon.</i>										341 <i>4 Virginis A¹</i>									
Apl. 29	10.0	11	27	11.48	5	23	20	30.4	R	Mar. 20	5.7	11	41	23.37	...	81	2	55.6	M
										27	5.8		41	23.49	...		2	55.2	M
										28	5.7		41	23.48	...		2	55.6	M
335 <i>Anon.</i>										342 <i>Anon.</i>									
May 3	10.2	11	27	16.06	...	151	34	1.4	R	Apl. 24	9.3	11	42	2.15	6	34	34	38.7	R
5	10.0			27 16.09	5			34 2.0	R	25	10.0			42 2.18	...			34 38.4	R
										26	10.2			42 2.14	...			34 37.0	R
336 <i>Anon.</i>										343 <i>94 Leonis β, Deneb.</i>									
Apl. 28	9.5	11	27	28.47	...	23	0	30.0	R	Mar. 14	...	11	42	35.07	...	74	43	4.5	M
May 9	9.0			27 28.59	5			0 81.7	R	Apl. 4	...		42	34.87	...		43	4.4	R
										17	...		42	34.77	...		43	4.9	R
										22	...		42	34.79	...		43	5.1	R
										29	...		42	34.82	...		43	4.8	R
										May 3	...		42	34.81	...		43	5.6	R
										13	...		42	34.80	...		43	4.9	R
337 <i>91 Leonis υ</i>										344 <i>Bonn + 5°. 2550.</i>									
Mar. 19	...	11	30	26.87	...	90	7	21.8	M	Apl. 18	9.9	11	44	34.91	...	34	47	52.3	R
20	...			30 26.83	...		7	21.8	M	21	10.4		44	34.70	5		47	52.2	R
Apl. 16	...			30 26.76	...		7	19.7	R	23	9.8		44	34.87	6		47	51.8	R
May 1	...			30 26.77	...		7	22.4	R	May 7	9.8		44	34.78	...		47	51.0	R
2	...			30 26.85	...		7	21.7	R	8	9.7		44	34.76	...		47	52.4	R
338 <i>Anon.</i>										345 <i>64 Ursæ Majoris γ</i>									
Mar. 18	8.2	11	33	32.13	5	144	54	36.2	M	Apl. 30	...	11	47	8.62	...	35	35	55.7	R
Apl. 22	9.7			33 31.85	...		54	37.0	R	May 1	...		47	8.52	...		35	57.1	R
23	9.5			33 31.82	5		54	37.0	R	2	...		47	8.49	...		35	56.6	R
										14	...		47	8.47	...		35	56.4	R
										17	...		47	8.58	5		35	57.5	R
339 <i>W. B. E. XI. 582.</i>										346 <i>W. B. E. XI. 805.</i>									
Mar. 25	8.9	11	34	25.68	5	84	20	88.7	M	Mar. 18	7.9	11	47	58.81	...	85	15	24.1	M
Apl. 21	9.7			34 25.50	5		20	88.4	R	19	7.9		47	58.18	...		15	21.2	M
29	9.0			34 25.54	...		20	88.6	R	24	7.9		47	58.12	...		15	22.4	M
30	8.9			34 25.62	...		20	88.6	R	31	8.8		47	58.58	4		15	21.9	R
May 6	8.5			34 25.51	...		20	89.0	R	Apl. 8	9.0		47	58.07	...		15	28.8	R
13	8.5			34 25.54	...		20	87.8	R										
16	9.0			34 25.55	...		20	89.0	R										
340 <i>2 Virginis ξ</i>																			
Mar. 19	5.0	11	38	44.22	...	81	2	9.4	M										
21	5.0			38 44.19	...		2	10.4	M										
24	5.0			38 44.47	...		2	10.0	M										

25.53

3.43

Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
347 Bonn + 4°. 2550.										354 W. B. E. XI. 986.									
Mar. 25	10.8	11	51	0.68	5	85	22	20.8	M	Mar. 18	8.7	11	58	35.23	...	85	54	57.5	M
Apl. 24	10.8		51	0.85	4		22	20.6	R	21	8.9		58	35.20	...		54	58.3	M
May 6	10.2		51	0.81	5		22	19.6	R	24	8.7		58	35.10	...		54	57.9	M
348 7 Virginis b										Apl. 12 9.0 58 35.00 ... 54 58.6 M									
Mar. 20	4.9	11	53	26.74	6	85	38	16.8	M	14	9.0		58	35.24	...		54	57.4	M
349 Taylor 6413.										24 9.0 58 35.17 ... 54 58.3 R									
Mar. 29	9.0	11	54	40.18	...	85	38	35.7	R	May 8	8.8		58	34.86	...		54	55.6	R
350 Bonn + 3°. 2592.										18 9.7 58 35.07 6 54 57.5 R									
Apl. 30	9.0	11	57	44.13	...	86	23	24.6	R	14	9.0		58	35.06	5		54	57.6	R
May 7	9.3		57	44.38	...		23	24.4	R	355 9 Virginis o									
19	9.9		57	44.87	...		23	26.1	R	May 3	...	11	58	44.29	...	80	33	41.6	R
351 O. A. S. 11872.										356 W. B. E. XI. 1058.									
Apl. 23	8.5	11	57	46.71	...	110	19	55.7	R	Mar. 27	8.0	12	2	12.21	...	86	11	5.4	M
26	8.5		57	46.56	...		19	54.0	R	Apl. 5	...		2	12.11	...		11	5.0	R
29	9.0		57	46.71	...		19	53.9	R	25	8.7		2	12.17	...		11	4.4	R
May 5	8.5		57	46.66	...		19	55.0	R	May 1	...		2	12.19	...		11	5.4	R
6	8.0		57	46.69	...		19	54.2	R	20	8.7		2	12.18	...		11	4.5	R
352 Taylor 6440.										21 9.0 2 12.22 ... 11 5.1 R									
Mar. 28	7.9	11	58	12.88	...	85	43	7.9	M	357 2 Corvi e									
May 9	9.0		58	12.94	...		43	6.8	R	Mar. 19	...	12	3	35.87	...	111	54	48.5	M
16	7.7		58	12.94	...		43	7.0	R	25	...		3	35.73	...		54	49.3	M
17	8.0		58	12.90	...		43	6.8	R	29	...		3	35.72	...		54	49.5	R
23	8.0		58	12.98	5		43	6.8	R	31	...		3	35.68	...		54	44.8	R
24	7.8		58	12.95	...		43	5.8	R	Apl. 16	...		3	35.74	...		54	47.0	R
353 R. P. L. 89.										21 8.7 3 35.74 ... 54 48.8 R									
Mar. 31	...	11	58	20.94	3	3	42	28.3	R	26	...		3	35.74	...		54	49.2	R
358 Anon.										359 Anon.									
Apl. 29	8.8	12	4	6.50	...	146	0	4.2	R	May 6	9.0	12	4	18.16	6	145	59	21.5	R
359 Anon.																			

2.92
57

12.35
12.25

Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
360 <i>Lalande</i> 22869.										369 13 <i>Virginis</i> .									
Apl. 24	9.8	12	5	2.94	...	86	41	5.8	R	Mar. 24	...	12	12	9.75	...	90	4	52.8	M
May 8	8.9		5	2.88	...		41	7.1	R	28	...		12	9.74	...		4	53.6	M
9	8.7		5	2.87	6		41	7.8	R										
17	9.0		5	3.05	5		41	8.2	R										
361 <i>Anon.</i>										370 <i>Anon.</i>									
Apl. 30	9.8	12	6	30.97	...	130	14	7.9	R	May 16	8.9	12	13	21.55	...	108	35	8.3	R
May 7	10.0		6	30.81	...		14	7.0	R	21	9.0		13	21.52	...		35	8.1	R
362 <i>Anon.</i>										371 15 <i>Virginis</i> η									
Apl. 23	8.5	12	6	35.75	...	110	1	51.1	R	Mar. 14	...	12	13	24.53	...	89	57	38.7	M
363 <i>W. B. E.</i> XII. 87.										Apl. 12	...		13	24.51	...		57	40.1	M
Mar. 20	7.1	12	7	26.73	...	87	1	58.5	M	16	...		13	24.51	...		57	37.8	R
Apl. 8	8.7		7	26.61	...		1	58.8	R	17	...		13	24.53	...		57	39.8	R
May 5	8.0		7	26.61	6		1	58.5	R	24	...		13	24.50	...		57	39.8	R
13	8.0		7	26.57	...		1	57.6	R	26	...		13	24.55	...		57	39.6	R
16	7.7		7	26.63	...		1	57.3	R	28	...		13	24.63	...		57	39.2	R
364 <i>Anon.</i>										29	...		13	24.56	...		57	37.9	R
Mar. 18	8.0	12	9	18.64	...	144	23	16.1	M	May 6	...		13	24.54	...		57	39.3	R
365 <i>Lalande</i> 22983.										13	...		13	24.50	...		57	38.9	R
May 3	9.0	12	9	34.67	...	96	45	36.3	R	372 <i>R. P. L.</i> 93—s.p.									
366 <i>Lalande</i> 22993.										Sep. 10	...	12	14	17.84	3	1	35	43.6	M
Apl. 14	8.5	12	9	50.22	...	96	49	33.4	M	373 <i>Anon.</i>									
367 <i>W. B. E.</i> XII. 139.										May 6	9.5	12	19	7.93	6	143	33	9.7	R
Apl. 18	9.5	12	10	37.90	...	87	34	56.4	R	374 <i>Anon.</i>									
May 8	9.2		10	37.80	...		34	56.4	R	May 8	9.4	12	19	28.94	...	129	46	49.5	R
9	9.0		10	37.89	...		34	57.1	R	9	9.6		19	29.21	...		46	49.9	R
14	9.5		10	37.68	...		34	56.1	R	375 <i>Anon.</i>									
368 <i>W. B. E.</i> XII. 155.										Mar. 18	8.0	12	19	32.61	...	147	24	20.2	M
Apl. 5	9.0	12	11	27.87	...	87	43	7.1	R	376 <i>a Crucis</i> —1st.									
25	8.0		11	27.87	...		43	6.7	R	Apl. 8	...	12	19	32.91	...	152	23	43.7	R
May 19	8.0		11	27.98	...		43	9.1	R										

26.67

2.60

27.96

Separate Results of Madras Meridian Circle Observations in 1873.

53.70

21.23

40.01

55.11

21.86

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
377 <i>a Crucis—2nd.</i>										386 <i>Anon.</i>									
Mar. 31	...	12	19	33.68	...	152	23	45.2	R	May 7	9.5	12	25	4.77	5	151	47	52.7	R
Apl. 23	...	19	33.88	...	...	23	48.0	R	387 <i>Lalande 23476.</i>										
May 16	...	19	33.64	4	...	23	48.4	R	Mar. 20	9.1	12	27	16.67	...	94	32	30.6	M	
378 <i>Anon.</i>										Apl. 5	9.3	27	16.51	...	32	30.5	R		
May 14	8.2	12	19	46.87	...	144	7	10.0	R	May 6	9.7	27	16.53	...	32	29.5	R		
15	8.3	19	46.89	...	...	7	11.2	R	8	9.1	27	16.60	0	32	28.8	R			
379 <i>Anon.</i>										9	9.0	27	16.73	...	32	29.2	R		
May 20	9.2	12	20	21.13 ²³	...	124	16	9.7	R	388 <i>9 Corvi β</i>									
380 <i>Anon.</i>										Apl. 23	...	12	27	43.14	...	112	41	40.4	R
Apl. 29	9.0	12	21	36.12	...	145	45	16.7	R	May 1	...	27	43.09	...	41	39.6	R		
381 <i>Anon.</i>										12	...	27	43.14	...	41	40.8	R		
May 21	9.2	12	21	39.92 ^{40.01}	...	147	28	50.3	R	16	...	27	43.18	...	41	37.4	R		
382 <i>W. B. E. XII. 347.</i>										389 <i>Anon.</i>									
Apl. 17	9.5	12	21	55.03	...	92	3	25.2	R	May 14	10.2	12	27	56.95	...	99	40	41.0	R
18	9.0	21	55.07	5	...	3	25.6	R	390 <i>Anon.</i>										
22	8.2	21	55.05	...	...	3	24.0	R	Apl. 12	8.5	12	28	18.50	...	141	42	56.2	M	
May 13	9.9	21	55.03	...	...	3	24.4	R	391 <i>25 Virginis f</i>										
17	9.0	21	55.16	...	...	3	25.1	R	Mar. 27	6.1	12	30	14.87	...	95	7	53.0	M	
383 <i>Lalande 23342.</i>										392 <i>T Ursæ Majoris, Var. 3.</i>									
Mar. 21	7.0	12	23	39.00	...	91	43	36.8	M	Apl. 25	8.7	12	30	36.20	5	29	48	48.3	R
24	7.6	22	39.02	...	...	43	36.4	M	26	9.2	30	36.00	...	48	47.8	R			
28	7.0	22	38.79	...	...	43	35.5	M	28	9.0	30	36.12	...	48	47.6	R			
Apl. 14	7.2	22	38.91	...	...	43	36.5	M	May 3	...	30	35.98	...	48	47.9	R			
24	7.0	22	38.94	...	...	43	36.3	R	5	8.7	30	36.03	...	48	48.5	R			
384 <i>Anon.</i>										393 <i>Anon.</i>									
Apl. 25	10.0	12	23	41.63	5	87	4	1.8	R	Apl. 24	9.5	12	32	19.47	...	84	33	29.7	R
385 <i>Anon.</i>										394 <i>Anon.</i>									
Apl. 30	9.7	12	24	21.98 ⁶	5	91	42	50.3	R	May 21	10.0	12	32	33.20 ⁰⁶	...	29	17	18.8	R
May 19	10.2	24	21.32	5	...	42	50.5	R	27	9.5	32	33.45 ¹²	6	17	19.2	R			

43.16

33.06

33.26

Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
395 <i>Anon.</i>										402 <i>Anon.</i>									
May 7	8.8	12	38	19.08	...	143	10	21.2	R	May 8	9.4	12	42	34.39	4	147	19	27.7	R
396 <i>Lalande 23656.</i>										403 <i>Anon.</i>									
Mar. 24	8.0	12	38	36.08	...	95	17	9.8	M	May 5	9.0	12	43	21.32	...	139	28	16.0	R
Apl. 18	8.8		38	35.99	...		17	9.8	R	404 <i>Anon.</i>									
May 6	9.0		38	35.91	...		17	9.1	R	May 6	9.0	12	43	46.88	...	129	10	47.8	R
8	8.7		38	35.89	...		17	8.8	R	7	9.0		43	46.86	...		10	48.3	R
9	9.0		38	35.95	...		17	8.9	R	405 <i>U Virginis, Var. 3.</i>									
397 <i>29 Virginis γ^1—North.</i>										Apl. 18	8.8	12	44	38.88	6	88	45	18.7	R
May 13	...	12	35	13.47	...	90	45	6.4	R	May 16	9.5		44	39.14	...		45	18.3	R
19	...		35	13.47	6		45	9.3	R	17	9.7		44	39.18	...		45	19.4	R
23	...		35	13.45	...		45	6.7	R	406 <i>37 Virginis.</i>									
24	...		35	13.33	5		45	6.6	R	Apl. 5	...	12	45	9.05	...	86	15	10.4	R
398 <i>29 Virginis γ^2—South.</i>										407 <i>Radeliffe 2922.</i>									
Apl. 22	...	12	35	13.62	...	90	45	12.4	R	Apl. 12	7.4	12	45	29.77	...	26	19	23.2	M
23	...		35	13.64	...		45	14.3	R	408 <i>R. P. L. 98—s.p.</i>									
May 1	...		35	13.58	...		45	12.1	R	Nov. 8	...	12	48	5.72	3	5	53	33.6	M
16	...		35	13.66	...		45	12.1	R	17	...		48	5.44	3		53	32.9	R
17	...		35	13.67	...		45	12.7	R	Dec. 16	...		48	6.07	3		53	33.6	M
20	...		35	13.51	...		45	12.8	R	409 <i>43 Virginis δ</i>									
399 <i>28 Virginis.</i>										Apl. 28	...	12	49	12.39	...	85	54	43.1	R
Apl. 14	6.0	12	35	23.78	5	96	48	5.2	M	May 13	...		49	12.30	...		54	42.4	R
400 <i>S Ursæ Majoris, Var. 2.</i>										410 <i>12 Canum Venaticorum α</i>									
Apl. 4	9.0	12	38	22.64	4	28	12	39.3	R	Mar. 21	...	12	50	4.96	...	50	59	44.4	M
25	8.0		38	22.47	6		12	38.6	R	Apl. 17	...		50	5.05	...		59	43.8	R
26	8.3		38	22.30	...		12	38.1	R	24	...		50	4.99	...		59	44.5	R
30	7.8		38	22.48	...		12	38.1	R	29	...		50	4.96	...		59	42.9	R
401 <i>35 Virginis.</i>										30	...		50	5.01	...		59	43.0	R
Mar. 18	6.0	12	41	23.56	6	85	44	1.8	M	May 6	...		50	5.01	...		59	43.6	R
21	6.0		41	23.54	...		44	0.9	M										
27	6.0		41	23.46	...		43	58.6	M										
May 3	6.8		41	23.45	...		44	1.1	R										

13.50
50
54

13.58
54

39.12

Separate Results of Madras Meridian Circle Observations in 1873.

6.00
09

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
May 8	...	12	50	5.05	...	50	59	43.7	R	416	<i>Anon.</i>									R
21	...	50	5.05	...	59	43.5	R													
26	...	50	5.22	6	59	43.5	R													
411 <i>Taylor 5974.</i>										417 <i>W Virginis, Var. 1.</i>										
Apl. 18	8.8	12	52	25.02	...	143	41	32.1	R	May 18	8.3	13	7	22.89	...	105	52	49.2	R	
May 7	8.5	52	25.71	5	41	32.3	R	May 17	8.3	7	22.92	...	52	49.6	R					
412 <i>44 Virginis κ</i>										418 <i>Anon.</i>										
May 9	...	12	53	7.09	...	93	7	36.3	R	May 19	9.8	13	8	87.49 ⁶⁵	...	139	48	39.3	R	
12	...	53	7.01	...	7	37.4	R	21	9.9	8	87.63 ⁷²	...	48	38.3	R					
16	...	53	7.08	...	7	35.0	R	419 <i>58 Virginis.</i>												
413 <i>Anon.</i>										Apl. 28	...	13	10	48.02	...	99	52	35.2	R	
May 7	9.0	12	53	47.02	5	143	43	18.7	R	May 3	7.0	10	48.09	...	52	34.7	R			
414 <i>Anon.</i>										420 <i>O. A. N. 13563.</i>										
Apl. 22	9.0	12	53	56.11	...	135	47	24.7	R	Apl. 12	7.0	13	15	44.70	...	27	56	6.0	M	
415 <i>51 Virginis θ</i>										421 <i>67 Virginis α, Spica.</i>										
Mar. 18	...	13	3	22.48	...	94	51	39.2	M	Mar. 18	...	13	18	30.48	...	100	29	52.6	M	
Apl. 12	...	3	22.49	...	51	38.3	M	Apl. 18	...	18	30.18	...	29	53.2	R					
18	...	3	22.54	...	51	37.5	R	21	...	18	30.22	...	29	52.5	R					
19	...	3	22.45	...	51	38.4	R	22	...	18	30.26	...	20	52.9	R					
22	...	3	22.49	...	51	38.6	R	25	...	18	30.21	...	29	53.1	R					
24	...	3	22.53	...	51	38.5	R	26	...	18	30.18	...	29	53.4	R					
25	...	3	22.53	...	51	38.0	R	28	...	18	30.24	...	29	52.5	R					
28	...	3	22.46	...	51	38.9	R	May 3	...	18	30.16	...	29	53.9	R					
30	...	3	22.57	...	51	38.4	R	14	...	18	30.32	...	29	53.3	R					
May 3	...	3	22.58	...	51	38.3	R	16	...	18	30.23	...	29	51.5	R					
7	...	3	22.54	...	51	38.8	R	422 <i>79 Ursae Majoris ζ, Mizar-2nd.</i>												
8	...	3	22.50	...	51	37.9	R	May 2	...	13	18	49.37	...	34	24	51.9	R			
9	...	3	22.51	...	51	37.9	R	423 <i>Stone 7365.</i>												
12	...	3	22.46	6	51	39.2	R	May 21	8.0	13	19	34.20 ⁴¹	6	143	29	36.6	R			
13	...	3	22.52	...	51	38.1	R	423 <i>Stone 7365.</i>												
14	...	3	22.51	...	51	37.7	R													
15	...	3	22.49	...	51	37.9	R													
23	...	3	22.45	...	51	37.1	R													
24	...	3	22.47	...	51	37.2	R													

7.27

22.55

7.02

37.68

.79

10.22

22.54

34.41

Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
424 <i>Radeliffe</i> 3011.									430 <i>Bonn</i> +0°.3090.											
Apl. 17	9.0	13	19	47.81	...	34	26	27.2	R	May 17	9.7	13	35	27.09	5	89	28	18.2	R	
May 28	...			47.84	...			26	25.2	R										
425 <i>O. A. S.</i> 12872.									431 <i>Taylor</i> 6363.											
May 5	9.5	13	19	50.65	...	116	59	17.8	R	May 21	8.0	13	37	13.48	6	147	36	14.3	R	
426 <i>R. P. L.</i> 103.									432 <i>Taylor</i> 6366.											
May 17	...	13	19	51.04	8	4	34	51.9	R	May 19	8.0	13	37	20.44	...	151	48	49.8	R	
20	...			51.20	3			34	52.8	R										
24	...			51.48	3			34	51.4	R										
427 <i>80 Ursæ Majoris g</i>									433 <i>O. A. S.</i> 13100.											
May 19	...	13	20	8.22	...	34	21	0.5	R	May 5	9.0	13	37	43.96	...	117	0	28.4	R	
26	...			8.24	...			20	59.7	R										
27	...			8.30	5			20	59.3	R										
428 <i>Anon.</i>									434 <i>Anon.</i>											
Apl. 14	8.5	13	27	9.50	...	131	37	59.6	M	May 2	9.4	13	38	44.80	...	122	49	47.8	R	
										27	...			38	45.06	...	49	49.7	R	
429 <i>79 Virginis ζ</i>									435 <i>86 Virginis.</i>											
Apl. 30	...	13	28	13.34	...	89	56	45.8	R	May 1	...	13	39	10.32	...	101	47	20.6	R	
May 1	...			13.31	...			56	45.1	R	23	...			39	10.34	...	47	20.8	R
5	...			13.41	...			56	47.9	R	26	...			39	10.28	...	47	22.1	R
6	...			13.35	...			56	45.0	R										
7	...			13.36	...			56	46.0	R										
9	...			13.36	...			56	45.4	R										
12	...			13.33	...			56	45.7	R										
14	...			13.33	...			56	45.4	R										
15	...			13.30	...			56	45.4	R										
16	...			13.27	...			56	44.6	R										
17	...			13.42	...			56	46.5	R										
19	...			13.33	...			56	47.6	R										
20	...			13.31	...			56	46.0	R										
21	...			13.37	...			56	45.1	R										
23	...			13.39	...			56	45.5	R										
24	...			13.41	...			56	45.4	R										
26	...			13.38	...			56	46.3	R										
27	...			13.38	...			56	46.4	R										
June 2	...			13.37	...			56	45.6	R										
6	...			13.37	...			56	46.0	R										
436 <i>85 Ursæ Majoris η</i>									437 <i>Taylor</i> 6473.											
Apl. 16	...	13	42	32.07	...	40	3	4.9	R	Apl. 17	8.0	13	48	18.41	...	97	25	59.0	R	
										29	7.0			48	18.60	...	25	59.5	R	
										June 2	8.0			48	18.53	...	25	58.3	R	
438 <i>8 Bootis η</i>									439 <i>8 Bootis η</i>											
Apl. 17	...	13	48	38.18	6	70	57	53.0	M	May 19	...	48	38.40	...	57	53.9	R			
May 20	...			38.37	...			57	53.2	R	20	...			48	38.37	...	57	53.2	R
21	...			38.28	...			57	52.8	R	21	...			48	38.28	...	57	52.8	R
23	...			38.28	...			57	52.2	R	23	...			48	38.28	...	57	52.2	R
26	...			38.28	...			57	53.9	R	26	...			48	38.28	...	57	53.9	R
June 6	...			38.24	...			57	53.0	R	June 6	...			48	38.24	...	57	53.0	R

47.79

50.31
49.20
50.41
49.97

8.70
74
23

13.25

13.41
33
41
44
42
31
36
29

13.68

25.67

44.44.71

10.24
32

18.57

38.29
32
29
30

28

Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
439 Anon.										446 16 <i>Böotis</i> α , <i>Areturus</i> .									
May 2	9.0	13	52	52.23 ²⁸	6	151	88	16.8	R	Apl. 19	...	14	9	52.32 ¹⁶	...	70	9	20.2	R
27	8.0	52	52.36 ²⁸	5	88	19.2			R	May 17	...	9	52.22 ¹¹	...	9	17.6			R
440 93 <i>Virginis</i> τ										June 10 ... 9 52.12 ... 9 18.8 R									
May 7	...	13	55	11.03	...	87	50	23.7	R	447 Anon.									
8	...	55	11.05	...	50	24.4			R	Apl. 29	10.2	14	11	58.15	6	124	19	0.0	R
9	...	55	11.07	...	50	23.7			R	30	10.3	11	58.11	5	19	0.3			R
14	...	55	11.02	...	50	23.7			R	448 Anon.									
24	...	55	11.04 ³	...	50	23.0			R	Apl. 26	9.7	14	12	1.70	...	124	30	6.2	R
June 10	...	55	11.05 ³	5	50	23.3			R	449 W. B. E. XIV. 240.									
441 W. B. E. XIII. 1023.										May 2	8.8	14	14	50.22	...	102	36	2.6	R
May 15	9.7	13	59	2.99	...	102	5	30.6	R	3	8.5	14	59.14	...	36	2.9			R
23	...	59	3.11 ⁷	...	5	38.2			R	5	9.0	14	59.19	...	36	2.9			R
June 2	9.0	59	3.60 ¹³	5	5	39.0			R	15	9.5	14	58.94 ⁸	...	36	1.6			R
442 W. B. E. XIII. 1070.										June 2	9.9	14	59.11 ⁸	6	36	2.4			R
May 17	8.5	14	1	35.82 ⁵	...	101	57	40.5	R	450 Anon.									
26	8.5	1	35.29 ³³	...	57	41.5			R	Apl. 28	...	14	15	51.60	4	122	14	5.1	R
27	9.0	1	35.32 ⁴	...	57	41.6			R	451 2 <i>Librae</i> .									
443 R. P. L. 108.										June 17	6.0	14	16	35.78 ⁵⁰	...	101	7	58.5	M
Apl. 17	...	14	2	45.90	2	3	38	9.1	M	452 W. B. E. XIV. 280.									
R. P. L. 108—s.p.										May 9	9.0	14	16	50.65	...	102	24	7.4	R
Oct. 29	...	14	2	45.29	3	3	38	5.0	M	14	9.2	16	50.58	...	24	7.0			R
Dec. 9	...	2	44.13	3	38	3.7			R	17	8.0	16	50.78 ⁶	...	24	8.1			R
11	...	2	45.09	3	38	3.8			R	27	9.3	16	50.51 ³	...	24	9.0			R
444 Anon.										June 6	8.2	16	50.65 ⁷	5	24	7.6			R
May 15	10.2	14	5	16.96	4	102	9	22.7	R	453 W. B. E. XIV. 315.									
445 Anon.										May 16	7.2	14	18	24.76 ²⁵	...	102	46	39.1	R
Apl. 16	8.7	14	6	58.70	...	124	30	15.5	R	21	7.3	18	24.96 ²⁵	...	46	38.3			R
17	9.0	6	58.74	...	30	16.8			R	454 W. B. E. XIV. 360.									
21	9.3	6	58.65	...	30	17.7			R	May 1	8.0	14	20	52.23	...	102	47	14.7	R
22	9.5	6	58.81	6	30	18.3			R										
24	9.8	6	58.91	...	30	18.3			R										

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
455 <i>Anon.</i>									May 15	9.0	14	29	23.45	6	103	28	18.9	R	
Apl. 17	9.5	14	22	34.18	...	194	58	0.3	R	19	9.2	29	23.71	6	28	21.8	R		
18	9.3	22	34.18	...		58	0.3	R	20	9.3	29	23.65	...	28	20.7	R			
21	9.5	22	34.20	...		58	0.0	R											
22	9.7	22	34.10	...		58	0.7	R											
24	9.5	22	34.20	...		58	0.3	R											
461 <i>α Centauri—1st.</i>									May 6	...	14	30	58.98	...	150	18	42.9	R	
456 <i>W. B. E. XIV. 392.</i>																			
Apl. 25	9.5	14	22	41.19	...	108	15	22.7	R										
26	9.8	22	41.22	...		15	21.7	R											
28	9.3	22	41.29	...		15	21.0	R											
May 2	9.2	22	41.16	...		15	20.8	R											
462 <i>Taylor 7734.</i>									Apl. 18	7.5	14	31	10.85	5	125	2	81.6	R	
21	7.0		31	10.96	...		2	82.4	R	22	7.5	31	10.78	...	2	81.8	R		
24	8.0		31	10.78	...		2	82.8	R	25	7.7	31	10.62	...	2	81.5	R		
457 <i>W. B. E. XIV. 410.</i>																			
Apl. 29	9.7	14	23	52.18	...	103	2	22.4	R										
30	9.5		23	52.20	...		2	23.3	R										
May 3	9.2		23	52.15	6		2	22.8	R										
5	9.3		23	52.14	...		2	23.2	R										
8	9.0		23	52.10	6		2	23.4	R										
15	9.3		23	52.09	...		2	23.1	R										
19	9.2		23	52.25	...		2	24.2	R										
463 <i>Anon.</i>									May 8	8.3	14	33	28.59	...	126	20	8.9	R	
464 <i>36 Bootis ε, Mirac.</i>									May 17	...	14	39	26.35	...	62	23	20.7	R	
June 17	...		39	26.41	...		23	20.6	M	21	...	39	26.44	...	23	19.7	M		
28	...		39	26.45	4		23	19.8	M										
465 <i>Anon.</i>									May 5	8.0	14	40	57.87	6	127	6	5.0	R	
6	9.2		40	58.07	...		6	4.5	R	9	9.4	40	58.18	...	6	5.1	R		
466 <i>Anon.</i>									May 7	9.3	14	42	58.72	...	129	9	6.2	R	
467 <i>9 Libræ α²</i>									May 19	...	14	43	51.27	...	105	30	47.8	R	
20	...		43	51.27	...		30	47.8	R	27	...	43	51.36	...	30	47.5	R		
June 2	...		43	51.36	...		30	46.2	R	6	...	43	51.28	4	30	45.5	R		
19	...		43	51.41	...		30	44.7	M	28	...	43	51.40	...	30	44.4	M		
28	...		43	51.40	...		30	44.4	M										
460 <i>W. B. E. XIV. 512.</i>																			
Apl. 28	9.5	14	29	23.75	5	108	28	18.7	R										
29	9.0		29	23.53	...		28	18.8	R										
30	9.3		29	23.61	5		28	20.9	R										
May 1	9.5		29	23.57	...		28	19.2	R										
2	9.0		29	23.58	5		28	19.9	R										

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.70

26.30
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S2-35

21.40

36.48
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.64

51.33
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.36

Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
468 Anon.										478 W. B. E. XV. 290.										
May 8	8.0	14	45	58.45	...	101	51	37.9	R	May 23	...	15	17	30.5 ⁹	6	102	27	14.6	R	30.57
469 7 Ursæ Minoris β, Var. 1.										479 Lacaille 6377.										
May 9	...	14	51	6.31	...	15	19	32.3	R	May 16	7.0	15	19	29.27 ²⁰	...	180	12	49.6	R	29.30
470 Anon.										480 Anon.										
June 28	9.0	14	52	8.60	...	123	14	56.8	M	June 26	8.3	15	22	58.93	...	125	12	5.0	M	
471 O. A. N. 15004.										481 Anon.										
June 23	8.0	14	54	10.51	6	39	23	13.3	M	May 21	9.0	15	23	12.13 ³⁵	5	151	38	57.2	R	12.35
472 Radcliffe 3306.										482 Radcliffe 3394.										
May 8	7.7	14	56	18.71	...	42	13	12.5	R	May 24	8.0	15	25	20.55 ⁷⁷	...	41	50	59.2	R	20.79
16.64 78	16	7.5	56	18.72 ⁶⁴	...	13	12.2	R	26	8.3	25	20.55 ⁷⁸	...	51	0.0	R	78			
June 17	7.7	56	18.72 ⁷⁸	...	13	10.4	M													
473 Anon.										483 Anon.										
May 14	8.5	14	58	17.32	...	131	32	49.0	R	June 27	8.0	15	25	34.50	...	122	45	33.3	M	
474 43 Bootis ψ										484 Lacaille 6421.										
June 2	...	14	59	0.38 ²³	...	62	33	21.5	R	June 21	8.0	15	26	12.96	...	122	44	25.9	M	
21	...	59	0.29	...	33	20.2	M													
27	...	59	0.00	6	33	31.2	M													
475 W. B. E. XV. 86.										485 Lalande 28320.										
May 16	9.8	15	7	0.13 ⁷	6	98	3	54.4	R	May 19	8.5	15	26	59.22 ⁸	...	103	48	1.8	R	59.28
476 27 Libræ β										486 5 Coronæ Borealis α, Alpheta.										
June 23	...	15	10	10.43	...	98	54	45.0	M	May 27	...	15	29	18.69 ⁴	...	62	51	24.9	R	18.64
28	...	10	10.45	...	54	45.3	M		June 5	...	29	18.76 ⁶²	...	51	24.3	R	64			
									28	...	29	18.65	3	51	22.7	M				
									July 9	...	29	18.71	6	51	28.9	M				
477 Taylor 8048.										487 W. B. E. XV. 557.										
May 14	6.5	15	12	42.85	...	68	57	41.6	R	May 20	8.0	15	30	55.66 ¹³	...	104	6	37.9	R	55.13
15	...	12	42.83	...	57	39.9	R		23	...	30	55.66 ¹⁵	...	6	37.3	R	15			

Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
488 <i>W. B. E. XV. 564.</i>										497 <i>Lalande 28980.</i>										
24.55 -41 -38 May 21	7.2	15	31	24 ³⁵ ₂₉	...	104	5	45.0	R	June 28	6.0	15	49	24.67	...	104	27	22.0	M	
June 6	7.5		31	24 ³¹ ₃₇	...			5 46.4	R											
489 <i>W. B. E. XV. 675.</i>										498 <i>W. B. E. XV. 923.</i>										
26.37 May 19	9.0	15	38	26.31	...	102	43	14.8	R	May 20	9.7	15	49	48 ³⁰ ₂₅	...	104	57	39.1	R	48.30
										21	9.7		49	48 ²¹ ₂₆	...			57 39.3	R	42 -36
490 <i>24 Serpentis α</i>										499 <i>49 Libræ.</i>										
0.75 -65 June 5	...	15	38	0.74	6	88	10	23.2	R	June 28	5.9	15	53	12.40	6	106	9	27.2	M	
19	...		38	0.66	...			10 22.7	M	July 9	5.9		53	12.18	...			9 26.5	M	
23	...		38	0.72	...			10 23.1	M											
25	...		38	0.74	4			10 23.4	M											
26	...		38	0.82	...			10 24.1	M											
27	...		38	0.94	...			10 22.6	M											
28	...		38	0.81	...			10 23.3	M											
491 <i>O. A. S. 14840.</i>										500 <i>W. B. E. XV. 1044.</i>										
16.44 June 10	8.3	15	38	16 ⁴⁴ ₃₄	...	114	18	51.8	R	May 24	7.2	15	56	18 ⁵ ₅₇	...	95	28	45.6	R	18.58
July 11	8.0		38	16.58	...			18. 51.1	M	27	8.0		56	18 ⁵ ₅₇	...			28 44.0	R	55
492 <i>Anon.</i>										501 <i>51 Scorpionis ξ</i>										
46.96 June 6	9.7	15	41	46 ⁹⁶ ₀₅	...	62	4	59.0	R	May 28	...	15	57	23 ¹³ ₀₇	...	101	1	15.4	R	23.13
493 <i>36 Serpentis b</i>										502 <i>8 Scorpionis β¹</i>										
June 21	...	15	44	39.01	...	92	42	16.6	M	June 5	...	15	58	3 ³² ₂₉	...	109	27	21.2	R	5.30
July 9	...		44	38.88	...			42 16.0	M	25	...		58	3.23	...			27 20.5	M	
494 <i>O. A. S. 14963.</i>										503 <i>Anon.</i>										
59.33 -33 May 23	...	15	44	59 ³³ ₂₆	5	108	3	12.4	R	June 21	8.3	16	0	28.96	5	105	17	52.4	M	
24	8.0		44	59 ³³ ₃₁	6			3 13.0	R											
495 <i>1 Herculis χ</i>										504 <i>Lalande 29414.</i>										
7.05 May 26	...	15	48	17 ⁰⁵ ₁₀	...	47	11	30.4	R	June 6	8.7	16	2	49 ⁹ ₁₇	...	102	32	58.4	R	49.19
June 26	...		48	17.09	...			11 31.3	M											
496 <i>Lalande 28970.</i>										505 <i>O. A. S. 15416.</i>										
June 27	8.0	15	48	22.26	...	70	50	43.7	M	May 27	8.0	16	7	0 ²⁴ ₅₉	...	110	46	57.1	R	1.94
										June 5	7.5		7	0 ²² ₅₈	5			46 55.7	R	0.98
										506 <i>1 Ophiuchi δ</i>										
										June 25	...	16	7	41.55	...	98	21	56.0	M	
										26	...		7	41.42	...			21 57.5	M	
										27	...		7	41.57	...			21 56.9	M	
										July 9	...		7	41.41	...			21 56.0	M	

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Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
507 <i>Lalande</i> 29610.																			
July 11	8·2	16	8	40·96	...	105	33	55·6	M										
508 <i>O. A. S.</i> 15504.																			
July 29	9·0	16	11	52·45	...	106	42	46·7	M										
509 <i>O. A. S.</i> 15613.																			
June 5	8·0	16	17	47· 16 ²⁷	...	113	9	53·8	B										
26	7·9	17	47·38	...		9	55·0	M											
510 <i>7 Ophiuchi</i> χ																			
July 11	...	16	19	30·99	...	108	9	57·7	M										
511 <i>21 Scorpii</i> α , <i>Antares</i> .																			
June 19	...	16	21	37·42	...	116	8	50·7	M										
July 9	...	21	37·37	...		8	51·0	M											
25	...	21	37·46	4		8	51·6	M											
512 <i>23 Scorpii</i> τ																			
June 21	...	16	27	58·80	6	117	57	1·4	M										
July 11	...	27	58·70	5		57	0·6	M											
513 <i>13 Ophiuchi</i> ζ																			
July 26	...	16	30	9·94	...	100	18	26·7	M										
31	...	30	9·97	...		18	27·2	M											
514 <i>Taylor</i> 7723.																			
July 9	5·9	16	34	13·73	4	107	29	40·0	M										
515 <i>Taylor</i> 7724.																			
July 29	7·0	16	34	25·80	6	109	40	44·7	M										
516 <i>40 Herculis</i> ζ																			
July 4	...	16	36	29·91	...	58	9	57·5	M										
11	...	36	29·91	5		9	58·0	M											
25	...	36	30·08	5		9	56·8	M											
517 <i>20 Ophiuchi</i> .																			
June 23	...	16	42	48·70	...	100	33	21·5	M										
July 26	5·5	42	48·70	...		33	21·0	M											
518 <i>Anon.</i>																			
June 25	8·7	16	46	51·46	...	186	38	30·2	M										
26	8·6	46	51·46	...		38	29·1	M											
July 11	8·5	46	51·62	...		38	28·6	M											
29	8·6	46	51·63	...		38	28·0	M											
519 <i>27 Ophiuchi</i> κ																			
June 14	...	16	51	39·40	...	80	25	32·1	B										
July 4	...	51	39·41	...		25	32·5	M											
520 <i>29 Ophiuchi</i> .																			
June 19	...	16	54	25·72	...	108	41	47·4	M										
521 <i>22 Ursæ Minoris</i> ϵ — <i>s.p.</i>																			
Jan. 6	...	16	59	8·33	3	7	45	25·3	M										
14	...	59	4·17	3		45	26·1	M											
20	...	59	8·36	2		45	27·9	M											
24	...	59	8·56	3		45	26·9	M											
522 <i>Taylor</i> 7926.																			
July 11	7·9	17	0	26·17	...	136	51	50·4	M										
523 <i>35 Ophiuchi</i> η																			
June 26	...	17	3	5·64	...	105	38	55·0	M										
July 9	...	3	5·61	...		38	55·1	M											
26	...	3	5·66	...		38	54·7	M											
524 <i>Anon.</i>																			
June 25	8·0	17	4	40·99	...	59	7	56·8	M										
525 <i>Lacaille</i> 7168.																			
July 29	7·9	17	5	12·69	5	128	8	25·4	M										

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Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
526 64 <i>Herculis a</i> ¹ , <i>Var. 1.</i>									535 56 <i>Serpentis o</i>											
June 17	...	17	8	51.38	...	75	27	46.9	M	Aug. 9	...	17	34	16.64	...	102	48	18.5	R	16.61
July 11	...		8	51.49	...		27	47.8	M	536 <i>Anon.</i>										
26	...		8	51.38	...		27	47.5	M	Aug. 8	10.2	17	35	10.93	5	126	15	23.1	R	
31	...		8	51.47	...		27	47.3	M	537 <i>Anon.</i>										
527 42 <i>Ophiuchi θ</i>									538 <i>Anon.</i>											
July 17	...	17	14	12.71	...	114	52	13.2	M	Aug. 11	9.2	17	36	51.76	...	150	36	23.8	R	51.37
Aug. 7	...		14	12.66	...		52	12.5	R	539 86 <i>Herculis μ</i>										
528 44 <i>Ophiuchi b</i>									540 <i>Anon.</i>											
June 26	5.0	17	18	36.73	...	114	3	22.3	M	July 26	8.0	17	40	32.21	...	126	23	33.6	M	32.28
529 45 <i>Ophiuchi d</i>									541 <i>Radcliffe 3765.</i>											
June 28	4.3	17	19	14.68	...	119	44	59.2	M	Aug. 8	8.6	17	43	34.79	5	17	32	7.5	R	
530 <i>Brisbane 6091.</i>									542 31 <i>Draconis ψ</i> ¹											
Aug. 8	8.5	17	22	6.60	...	148	27	32.2	R	July 4	5.0	17	44	12.47	...	17	47	22.4	M	29.40
9	9.0		22	6.69	...		27	31.8	R	11	5.0		44	12.44	5		47	22.0	M	
531 23 <i>Draconis β</i>									543 <i>Anon.</i>											
Aug. 7	...	17	27	33.73	...	37	36	14.0	R	Aug. 11	8.7	17	51	31.50	...	152	7	40.8	R	31.11
532 <i>Anon.</i>									544 <i>Anon.</i>											
Aug. 11	8.8	17	27	47.66	...	150	36	3.8	R	15	9.0		51	31.62	...		7	41.1	R	31.40
533 <i>Taylor 8129.</i>									543 <i>Anon.</i>											
July 17	8.2	17	23	8.35	...	77	23	49.2	M	Aug. 13	...	17	52	37.13	...	180	49	36.0	R	37.00
26	8.0		23	8.31	...		23	48.1	M	14	9.2		52	37.22	6		49	37.2	R	.03
534 55 <i>Ophiuchi a</i>									544 <i>Anon.</i>											
June 26	...	17	29	2.35	...	77	20	44.5	M	544 <i>Anon.</i>										
July 4	...		29	2.48	...		20	44.2	M	544 <i>Anon.</i>										
14	...		29	2.34	...		20	43.8	M	544 <i>Anon.</i>										
31	...		29	2.34	...		20	44.9	M	544 <i>Anon.</i>										
Aug. 5	...		29	2.28	...		20	45.4	R	544 <i>Anon.</i>										

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Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
545 33 <i>Draconis</i> γ										553 24 <i>Ursæ Minoris</i> —s.p.									
July 9	...	17	58	89 ⁸⁴	...	88	29	48 ⁷	M	Feb. 20	...	18	17	47 ⁷⁴	2	8	0	54 ⁶	M
546 9 <i>Sagittarii</i> .										554 22 <i>Sagittarii</i> λ									
June 25	6.4	17	56	5 ⁸²	...	114	21	88 ⁸	M	June 28	...	18	20	7 ⁸²	...	115	29	21 ⁷	M
26	6.6	56	5 ¹²	6		21	89 ⁴	M											
547 Bonn + 30°. 3133.										555 Taylor 8509.									
July 4	7.9	18	3	24 ⁰⁴	...	59	1	8 ⁹	M	July 14	...	18	21	57 ⁶¹	4	104	38	89 ⁹	M
										Aug. 5	...	21	57 ⁵⁷	...		38	89 ⁹	R	
548 <i>T Herculis</i> , Var. 4.										556 Taylor 8516.									
Aug. 11	8.9	18	4	17 ⁷² ⁸⁵	...	59	0	0 ¹	R	July 17	6.0	18	22	81 ⁹⁴	...	104	39	47 ⁹	M
13	9.2	4	17 ⁷⁴	6		58	59	59 ⁷	R	29	6.0	22	82 ²⁷	...		39	47 ⁸	M	
14	9.0	4	17 ⁷³	6		59	0	0 ³	R	Aug. 7	...	22	82 ¹⁵	...		39	48 ²	R	
549 13 <i>Sagittarii</i> μ										557 O. A. S. 18326.									
July 11	...	18	6	10 ⁰²	...	111	5	28 ⁴	M	Aug. 9	9.0	18	28	55 ¹⁸	...	109	14	37 ⁴	R
14	...	6	10 ⁰⁴	...		5	20 ¹	M											
26	...	6	9 ⁹⁹	5		5	22 ⁸	M											
29	...	6	10 ⁰⁰	...		5	22 ⁷	M											
Aug. 5	...	6	10 ¹⁵	...		5	28 ⁹	R											
7	...	6	10 ⁰⁸	...		5	22 ⁸	R											
8	...	6	10 ⁰⁹	...		5	23 ¹	R											
20	...	6	10 ¹⁵ ²⁸	...		5	24 ⁷	R											
550 14 <i>Sagittarii</i> .										558 <i>V Sagittarii</i> , Var. 5.									
Aug. 15	6.0	18	6	38 ¹³ ²	...	111	44	40 ⁸	R	Aug. 14	8.8	18	23	57 ³⁵ ²⁵	...	108	20	53 ⁹	R
551 Lacaille 7644.										559 Taylor 8527.									
Aug. 12	7.0	18	9	35 ⁵⁹ ⁵¹	...	182	19	56 ²	R	Sep. 3	6.3	18	28	59 ⁵⁴ ²	6	108	29	14 ⁰	M
552 23 <i>Ursæ Minoris</i> δ										560 <i>U Sagittarii</i> , Var. 4.									
June 25	...	18	18	19 ¹²	3	3	28	36 ⁵	M	Aug. 11	8.0	18	24	24 ⁴⁴ ³⁴	...	109	12	41 ²	R
July 9	...	18	17 ⁷⁵	2		28	38 ⁹	M	12	...	24	24 ⁵⁵ ²⁷	5		19	41 ⁸	R		
23 Ursæ Minoris δ —s.p.										561 3 <i>Lyræ</i> α									
Jan. 9	...	18	18	17 ⁹⁷	3	3	28	35 ⁹	M	July 14	...	18	32	88 ³⁰	...	51	20	1 ³	M
29	...	18	18 ⁵⁹	3		28	32 ⁰	M	Aug. 5	...	32	86 ²⁸	...		20	0 ²	R		
										8	...	32	86 ³⁸	...		20	0 ⁰	R	
										9	...	32	88 ²⁸	...		19	59 ⁶	R	
										27	...	32	86 ²⁵ ²⁴	4		20	0 ⁰	R	

17.85
86
83
17.85

10.08

38.12

35.51

53.74

57.25

59.52

24.34

47

45

49

44

35.26

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Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
562		<i>Anon.</i>																	
July 11	8.9	18	35	18.49	...	118	34	10.1	M										
563		<i>Anon.</i>																	
Aug. 15	9.8	18	35	40.44	15	187	15	50.0	R										
564		<i>R Scuti, Var. 1.</i>																	
Aug. 11	7.0	18	40	42.08 ³	...	95	50	21.8	R										
12	...	40	42.18 ²	...	50	21.7	R												
565		<i>O. A. S. 18773.</i>																	
Aug. 9	9.0	18	44	59.24 ¹⁹	...	118	17	42.1	R										
18	9.0	44	59.19 ¹¹	...	17	42.4	R												
15	8.8	44	59.07 ¹⁴	...	17	42.9	R												
Sep. 10	8.4	44	59.26	...	17	41.5	M												
566		<i>10 Lyræ β</i>																	
July 17	...	18	45	28.41	...	56	47	0.1	M										
Aug. 8	...	45	28.89	...	47	1.0	R												
20	...	45	28.25 ³¹	...	47	2.1	R												
Sep. 8	...	45	28.88 ⁴⁸	...	46	59.8	M												
567		<i>32 Sagittarii ν¹</i>																	
July 14	5.4	18	46	29.96	...	112	53	55.7	M										
26	5.0	46	30.04	...	58	54.8	M												
568		<i>R. P. L. 131-s.p.</i>																	
Feb. 5	...	18	56	7.15	2	8	27	15.2	M										
11	...	56	7.37	3	27	15.1	M												
26	...	56	6.77	3	27	15.1	M												
Mar. 6	...	56	7.12	3	27	14.8	M												
10	...	56	7.36	3	27	16.3	M												
569		<i>17 Aquilæ ζ</i>																	
July 17	...	18	59	34.29	...	76	19	25.6	M										
29	...	59	34.42	...	19	25.1	M												
Aug. 9	...	59	34.86	...	19	24.7	R												
20	...	59	34.88 ⁴⁰	4	19	27.8	R												
570		<i>R Aquilæ, Var. 3.</i>																	
Aug. 8	8.0	19	0	15.25	...	61	57	37.0	R										
11	7.2	0	15.07	...	57	37.1	R												
12	...	0	15.18 ⁸	...	57	38.2	R												
13	7.2	0	15.18	6	57	37.2	R												
14	7.8	0	15.28 ¹⁴	5	57	37.2	R												
15	7.0	0	15.08 ¹⁴	...	57	37.6	R												
Sep. 16	7.4	0	15.32	...	57	38.8	M												
571		<i>Anon.</i>																	
Sep. 15	9.0	19	7	43.37	...	129	46	49.4	M										
572		<i>42 Sagittarii ψ</i>																	
July 14	5.3	19	7	45.10	...	115	28	25.3	M										
Sep. 10	5.0	7	45.04	...	28	22.8	M												
573		<i>Anon.</i>																	
Sep. 16	8.6	19	10	49.78	...	146	12	4.1	M										
574		<i>O. A. S. 19353.</i>																	
Aug. 14	9.0	19	10	52.95 ⁸²	...	116	18	4.4	R										
575		<i>O. A. S. 19366.</i>																	
Aug. 15	9.0	19	11	11.63 ¹	...	116	16	8.3	R										
Sep. 20	8.0	11	11.49	6	16	9.3	M												
576		<i>25 Aquilæ ω</i>																	
Aug. 11	...	19	11	51.37 ³	...	78	37	52.7	R										
12	...	11	51.37 ²	...	37	53.8	R												
13	...	11	51.18 ²²	...	37	53.5	R												
27	...	11	51.27 ³¹	...	37	54.6	R												
577		<i>45 Sagittarii ρ²</i>																	
July 17	6.0	19	14	26.24 ⁵	...	108	32	29.9	M										
Sep. 9	6.0	14	26.48 ⁵	5	32	30.3	M												

(25)
16.06
18
16
26
14
(32)
15.20

62.82

11.61

51.33
34
22
31
30

26.45

40.14

42.03
12

59.19
11
074

25.31
40

54.40

Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.		
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"			
578 30 <i>Aquilæ</i> δ																					
5'61 62 66 63 61 50 74 (41) 5'60	Aug. 11	...	19	19	5 ¹ 03	...	87	8	10.8	R	Aug. 27	...	19	40	13 ⁷ 33	6	79	41	42.6	R	13.37
	12	...	19	19	5 ¹ 03	...		8	10.5	R	Sep. 3	...	40	13 ²⁵ 25	...		41	40.2	M		
	13	...	19	19	5 ¹ 03	6		8	10.8	R	8	...	40	13 ³⁶ 36	...		41	38.9	M		
	14	...	19	19	5 ¹ 06	...		8	11.1	R	10	...	40	13 ²⁴ 24	...		41	39.5	M		
	15	...	19	19	5 ¹ 54	...		8	10.7	R											
	27	...	19	19	5 ¹ 23	...		8	12.5	R											
	Sep. 3	...	19	19	5 ¹ 73	3		8	10.5	M											
	11	...	19	19	5 ¹ 47	...		8	10.2	M											
	12	...	19	19	5 ¹ 53	6		8	10.6	M											
579 <i>Anon.</i>																					
45.96	July 14	9.2	19	25	46.16	...	127	48	16.2	M											
	Aug. 29	9.2	25	48.01	4		48	13.7	M												
580 52 <i>Sagittarii</i> h^a																					
	Sep. 8	...	19	28	58.41	...	115	9	41.9	M											
	10	...	28	58.57	...		9	42.0	M												
581 <i>Lacaille</i> 8173.																					
	Sep. 15	8.2	19	32	19.41	...	143	14	21.8	M											
582 O. A. S. 19847.																					
54.81	Sep. 9	8.5	19	32	54.83	...	108	10	51.1	M											
	11	8.6	32	54.76	...		10	51.2	M												
	16	8.6	32	54.77	...		10	51.3	M												
	20	8.5	32	54.82	...		10	50.9	M												
	27	8.5	32	54.75	...		10	51.7	M												
583 13 <i>Cygni</i> θ																					
	July 17	...	19	33	2.11	...	40	4	15.9	M											
	29	...	33	2.29	...		4	12.6	M												
584 <i>Anon.</i>																					
24.54 51 38 46 51 24.48	Aug. 11	0.0	19	33	24.86	...	40	5	6.1	R											
	13	0.3	33	24.80	...		5	6.3	R												
	14	0.7	33	24.84	5		5	7.8	R												
	15	0.7	33	24.80	...		5	6.5	R												
	29	0.8	33	24.80	...		5	7.5	R												
585 50 <i>Aquilæ</i> γ																					
	Aug. 27	...	19	40	13.33	6	79	41	42.6	R											
	Sep. 3	...	40	13.25	...		41	40.2	M												
	8	...	40	13.36	...		41	38.9	M												
	10	...	40	13.24	...		41	39.5	M												
586 <i>S Vulpeculæ</i> , Var. 2.																					
	Sep. 11	8.6	19	43	11.37	...	63	1	41.9	M											
	15	8.6	43	11.44	...		1	42.1	M												
	16	8.6	43	11.47	...		1	42.1	M												
587 53 <i>Aquilæ</i> a , <i>Altair</i> .																					
	Aug. 29	...	19	44	35.11	...	81	27	54.8	R											
	Sep. 25	...	44	35.22	...		27	55.2	M												
588 <i>Lacaille</i> 8249.																					
	Aug. 9	8.2	19	44	39.10	...	122	17	58.8	R											
	Sep. 20	7.4	44	39.26	...		18	0.0	M												
589 57 <i>Sagittarii</i> .																					
	July 14	5.9	19	44	49.04	...	109	21	56.4	M											
	17	5.8	44	49.00	...		21	56.1	M												
590 χ <i>Cygni</i> , Var. 2.																					
	Sep. 9	6.1	19	45	41.13	...	57	24	21.9	M											
	19	5.9	45	41.13	...		24	22.1	M												
	26	5.9	45	40.99	...		24	21.6	M												
	27	5.9	45	41.08	...		24	22.4	M												
	29	5.9	45	41.11	...		24	21.8	M												
591 60 <i>Aquilæ</i> β																					
	Aug. 11	...	19	49	4.40	6	83	54	31.0	R											
	12	...	49	4.40	...		54	31.9	R												
	29	...	49	4.46	...		54	30.7	R												
	Sep. 8	...	49	4.53	...		54	31.6	M												
	12	...	49	4.49	...		54	30.8	M												
592 λ <i>Ursæ Minoris</i> .																					
	Sep. 10	...	19	51	18.21	2	1	4	26.4	M											

Separate Results of Madras Meridian Circle Observations in 1873.

22-43

36-29

0-33
0-48
.25
.41
.31

36-81
.90
.91

.25

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
593 <i>Anon.</i>										601 <i>11 Capricorni ρ</i>									
Aug. 9	...	19	56	^{2.43} 28.07	4	151	50	11.4	R	Aug. 18	...	20	21	36.88	...	108	18	54.5	R
Sep. 15	9.1	56	22	22.91	...	50	14	1	M	15	...	21	36.80	...	18	58	9	R	
594 <i>Lacaille 8370.</i>										Sep. 4 ... 21 36.93 ... 18 58.9 M									
Sep. 22	7.5	20	7	45.40	...	152	17	41.0	M	11	...	21	36.88	...	18	52.5	M		
595 <i>Anon.</i>										12 ... 21 36.85 ... 18 58.4 M									
Sep. 19	7.5	20	10	18.48	...	149	7	25.2	M	13	...	21	36.83	...	18	52.5	M		
20	7.7	10	13	18.07	...	7	27	1	M	16	...	21	36.65	...	18	54.3	M		
596 <i>5 Capricorni α¹</i>										22 ... 21 36.92 ... 18 58.0 M									
Aug. 7	...	20	10	36.35	...	102	53	55.4	R	23	...	21	36.94	...	18	58.4	M		
18	...	10	36	34	...	58	56	1	R	Oct. 10	...	21	36.89	6	18	58.8	M		
597 <i>6 Capricorni α²</i>										15 ... 21 36.91 6 18 58.4 M									
Aug. 9	...	20	11	0.33	...	102	56	12.1	R	602 <i>Anon.</i>									
14	...	11	0.53	...	56	18	9	R	Sep. 20	8.9	20	23	33.27	...	125	56	45.4	M	
15	...	11	0.23	...	56	12	8	R	603 <i>Anon.</i>										
29	...	11	0.42	...	56	11	9	R	Sep. 26	8.3	20	23	50.13	...	124	55	16.8	M	
Sep. 5	...	11	0.34	...	56	12	9	M	27	8.3	23	50.20	...	55	16.4	M			
18	...	11	0.34	...	56	11	5	M	604 <i>Anon.</i>										
Oct. 10	...	11	0.19	6	56	15	0	M	Aug. 8	9.0	20	26	54.36	...	150	16	30.1	R	
598 <i>Anon.</i>										Sep. 9 8.6 26 54.27 ... 16 32.6 M									
Sep. 9	8.0	20	11	46.05	...	106	15	5.8	M	605 <i>R. P. L. 143.</i>									
10	8.0	11	46	00	...	15	5	1	M	Sep. 19	...	20	23	25.82	3	5	16	40.5	M
599 <i>9 Capricorni β</i>										<i>R. P. L. 143—s.p.</i>									
Sep. 25	8.9	20	13	52.65	6	105	10	51.7	M	Mar. 3	...	20	23	26.08	3	5	16	41.8	M
600 <i>α Pavonis</i>										18 ... 23 26.51 3 16 40.8 M									
Aug. 8	...	20	15	35.39	...	147	8	23.2	R	606 <i>Anon.</i>									
607 <i>Anon.</i>										Oct. 6 9.0 20 30 26.15 6 143 50 10.8 M									
Sep. 15	8.0	20	31	36.61	...	149	53	33.3	M	607 <i>Anon.</i>									

Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
608 14 <i>Capricorni</i> τ^a										615 <i>Anon.</i>										
July 25	...	20	32	10.12	...	105	23	54.2	M	Sep. 19	9.3	21	1	44.03	...	119	58	15.9	M	
										22	9.3			1	44.00	...		58	16.0	M
609 <i>S Capricorni</i> , Var. 2.										616 <i>Anon.</i>										
Sep. 22	8.9	20	84	28.88	...	109	80	28.6	M	Sep. 26	9.5	21	1	45.08	...	120	0	31.1	M	
610 50 <i>Cygni</i> α , <i>Deneb</i> .										617 64 <i>Cygni</i> ζ										
July 25	...	20	37	5.93	4	45	10	21.0	M	Sep. 5	...	21	7	31.92	5	60	17	33.4	M	
Aug. 14	...	37	5.86	...		10	21.9	R	9	...	7	32.07	...		17	34.9	M			
Sep. 4	...	37	6.13	...		10	20.3	M	11	...	7	31.94	...		17	34.5	M			
5	...	37	5.91	...		10	21.0	M	15	...	7	31.84	...		17	34.2	M			
18	...	37	6.24	...		10	21.1	M	16	...	7	31.96	...		17	34.6	M			
25	...	37	6.04	...		10	22.0	M	18	...	7	31.85	...		17	34.7	M			
29	...	37	6.15	...		10	21.2	M	20	...	7	31.93	...		17	35.0	M			
Oct. 18	...	37	6.13	6		10	20.9	M	23	...	7	31.85	...		17	33.7	M			
										27	...	7	31.82	...		17	34.8	M		
										29	...	7	31.83	...		17	34.0	M		
										Oct. 3	...	7	31.81	...		17	35.5	R		
										6	...	7	31.72	...		17	35.3	M		
										7	...	7	31.92	...		17	34.2	M		
										18	...	7	31.93	6		17	35.1	M		
										21	...	7	31.80	6		17	34.8	M		
611 <i>Anon.</i>										618 32 <i>Capricorni</i> ι										
Sep. 20	9.8	20	38	48.56	...	143	1	23.1	M	Sep. 10	...	21	15	10.44	...	107	22	26.3	M	
26	9.8	38	48.61	...		1	24.6	M	11	...	15	10.36	...		22	26.6	M			
										12	...	15	10.31	...		22	26.8	M		
612 <i>W. B. E.</i> XX. 1024.										619 5 <i>Cephei</i> α										
Sep. 27	9.8	20	41	23.16	...	105	22	20.1	M	Oct. 23	...	21	15	32.70	6	27	57	6.6	M	
613 32 <i>Vulpeculae</i> .										620 22 <i>Aquarii</i> β										
Sep. 4	...	20	49	8.73	...	62	25	27.3	M	Sep. 13	...	21	24	52.22	...	96	7	42.3	M	
10	...	49	8.90	...		25	27.2	M	16	...	24	52.31	...		7	42.5	M			
15	...	49	8.83	...		25	27.6	M	19	...	24	52.30	...		7	42.6	M			
18	...	49	8.78	...		25	31.6	M	26	...	24	52.33	...		7	42.2	M			
22	...	49	8.83	...		25	28.1	M	27	...	24	52.48	...		7	42.6	M			
23	...	49	8.75	...		25	27.8	M												
25	...	49	8.92	...		25	28.9	M												
26	...	49	8.69	...		25	28.0	M												
27	...	49	8.73	...		25	27.4	M												
29	...	49	8.89	...		25	27.0	M												
614 61 <i>Cygni</i> —1st.																				
Oct. 3	...	21	1	12.22	...	51	52	26.5	R											

5.99
6.15
6.12

Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.									
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"										
Oct. 2	...	21	24	52.88	...	96	7	41.1	R	Oct. 2	...	21	47	16.95	...	64	40	17.6	P									
3	...	24	52.80	...	7	49.8	R	15	...	47	16.90	6	40	18.6	M													
4	...	24	52.80	...	7	49.8	R	18	...	47	17.04	6	40	18.2	M													
6	...	24	52.88	...	7	49.8	M	27	...	47	17.12	6	40	16.9	M													
7	...	24	52.81	...	7	42.5	M	627 <i>e Indi.</i>																				
10	...	24	52.81	6	7	49.4	M																					
11	...	24	52.88	6	7	49.8	M																					
21	...	24	52.86	6	7	49.1	M																					
22	...	24	52.49	6	7	49.1	M																					
621 <i>8 Cephei β</i>																		Sep. 11	5.5	21	53	33.29	...	147	18	24.5	M	
Sep. 18	...	21	27	1.31	...	19	59											48.7	M	12	5.9	53	33.28	...	18	25.1	M	
23	...	27	0.83	...	59	47.3	M	15	5.6	53	33.17	...	18	24.8	M													
25	...	27	0.98	...	59	48.0	M	628 <i>34 Aquarii α</i>																				
29	...	27	0.73	...	59	46.9	M	Oct. 11	...	21	59	15.47	6	90	56	8.3	M											
622 <i>Anon.</i>									15	...	59	15.62	6	56	9.7	M												
Sep. 15	8.6	21	30	22.13	...	98	23	1.6	M	629 <i>α Gruis.</i>																		
623 <i>8 Pegasi ε</i>									Sep. 25	...	22	0	13.35	...	137	34	28.7	M										
Oct. 2	...	21	37	56.92	...	80	42	21.0	R	29	...	0	13.58	...	34	28.4	M											
3	...	37	56.93	...	42	22.0	R	Oct. 2	...	0	13.32	...	34	27.0	R													
4	...	37	56.86	...	42	23.3	R	3	...	0	13.29	...	34	28.0	R													
7	...	37	56.81	...	42	20.9	M	10	...	0	13.06	6	34	25.3	M													
624 <i>μ Cephei, Var. 2.</i>									28	...	0	13.13	6	34	29.1	M												
Aug. 29	...	21	39	37.41 ⁴⁰	5	31	48	5.7	M	30	...	0	13.58	6	34	30.2	M											
Oct. 6	5.0	39	37.41	...	48	6.9	M	630 <i>Anon.</i>																				
25	5.4	39	37.31	6	48	6.7	M	Sep. 20	8.0	22	0	29.20	...	115	0	38.0	M											
625 <i>48 Capricorni λ</i>									26	8.0	0	29.39	...	0	39.5	M												
Sep. 18	...	21	39	41.74	...	101	57	3.1	M	27	7.9	0	29.41	...	0	33.7	M											
25	...	39	41.89	...	57	3.2	M	Oct. 6	8.0	0	29.31	...	0	37.5	M													
626 <i>16 Pegasi.</i>									631 <i>Anon.</i>																			
Sep. 9	...	21	47	16.98	...	64	40	18.3	M	Oct. 4	10.0	22	2	30.68	...	114	57	12.0	R									
19	...	47	17.08	...	40	18.3	M	632 <i>38 Aquarii ε^a</i>																				
20	...	47	17.13	...	40	19.7	M	Oct. 18	...	22	3	49.88	6	102	11	19.9	M											
22	...	47	16.87	4	40	18.7	M	31	...	3	49.93	6	11	20.2	M													
									Nov. 1	5.7	3	50.00	6	11	21.1	M												

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Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
633 O. A. S. 22014.									R. P. L. 151—s.p.										
Sep. 11	7.3	22	7	40.80	...	114	38	1.5	M	Mar. 21	...	22	23	32.92	3	4	25	4.9	M
12	7.4	7	40.80	...		38	0.2	M	27	...	23	32.37	3		25	6.1	M		
15	7.2	7	40.77	...		38	0.5	M	Apr. 17	...	23	32.57	3		25	6.6	R		
18	7.8	7	40.71	...		38	1.2	M	22	...	23	31.89	3		21	7.2	R		
634 Lalande 43402.									641 O. A. S. 22193.										
Oct. 2	9.3	22	8	52.08	5	99	1	33.4	R	Sep. 11	7.4	22	23	49.93	...	116	43	13.2	M
21	9.3	8	52.10	6		1	39.4	M	13	7.6	23	49.84	...		43	17.1	M		
										15	7.5	23	49.86	...		43	16.6	M	
635 43 Aquarii θ									642 Taylor 10435.										
Oct. 11	...	22	10	7.80	5	98	24	52.1	M	Sep. 4	7.6	22	24	26.59	...	32	14	44.6	M
15	...	10	7.81	6		24	53.1	M	18	7.7	24	26.59	...		14	46.0	M		
16	...	10	7.77	6		24	53.0	M	19	7.6	24	26.61	...		14	45.6	M		
636 O. A. S. 22070.									643 Anon.										
Sep. 19	8.1	22	12	23.66	...	114	26	18.2	M	Sep. 26	9.3	22	24	50.33	...	135	39	26.2	M
28	8.0	12	23.53	...		26	18.0	M											
26	8.1	12	23.75	...		26	18.2	M											
637 Anon.									644 62 Aquarii η										
Oct. 6	9.3	22	13	44.86	5	146	25	54.5	M	Oct. 22	...	22	28	49.79	6	90	46	17.7	M
										Nov. 6	...	28	49.66	6		46	16.1	M	
										7	...	28	49.85	6		46	16.8	M	
638 Anon.									645 Anon.										
Oct. 25	9.5	22	19	56.35	6	88	40	32.4	M	Nov. 8	9.1	22	34	49.37	6	155	28	31.5	M
27	9.5	19	56.41	6		40	31.4	M											
639 R. P. L. 150—s.p.									646 42 Pegasi ζ										
Mar. 14	...	23	23	4.97	3	4	32	0.4	M	Sep. 9	...	22	35	7.52	...	79	49	51.4	M
										15	...	35	7.69	...		49	51.9	M	
										20	...	35	7.77	...		49	51.1	M	
										22	...	35	7.75	...		49	52.8	M	
										Oct. 4	...	35	7.95	...		49	52.4	R	
										16	...	35	7.59	6		49	51.0	M	
										25	...	35	7.58	6		49	51.4	M	
										27	...	35	7.61	6		49	51.1	M	
										28	...	35	7.56	6		49	51.7	M	
										30	...	35	7.62	6		49	51.9	M	
										Nov. 1	...	35	7.61	6		49	51.9	M	

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Separate Results of Madras Meridian Circle Observations in 1873.

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Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
647 74 Aquarii.										654 Anon.									
Sep. 4	6.0	22	46	47.24	6	102	17	28.8	M	Oct. 31	9.0	22	57	44.53	6	149	35	5.3	M
648 O. A. S. 22487.										655 54 Pegasi a									
Sep. 9	8.7	22	48	17.52	6	114	38	40.5	M	Oct. 22	...	22	58	26.01	6	75	28	39.8	M
15	8.7	48	17.41	...	38	40.6	M			25	...	58	26.08	6	28	39.6	M		
19	8.6	48	17.59	6	38	42.6	M			28	...	58	26.04	6	28	40.1	M		
20	8.7	48	17.51	...	38	40.2	M			29	...	58	26.07	6	28	39.9	M		
649 O. A. S. 22497.										Nov. 1 ... 58 26.02 6 28 40.6 M									
Sep. 18	8.3	22	49	22.02	...	114	49	39.5	M	6	...	58	26.06	6	28	39.8	M		
22	8.3	49	21.88	...	49	39.5	M			7	...	58	26.09	6	28	39.4	M		
25	8.1	49	22.10	...	49	40.8	M			656 6 Piscium γ									
650 S Aquarii, Var. 2.										Sep. 19	...	23	10	34.80	...	87	24	41.0	M
Sep. 26	8.0	22	50	17.88	5	111	1	14.5	M	26	...	10	34.94	...	24	41.6	M		
27	7.9	50	17.88	...	1	15.4	M			Oct. 16	...	10	34.91	6	24	41.9	M		
29	...	50	18.00	...	1	15.3	M			25	...	10	34.98	6	24	40.4	M		
Oct. 6	7.9	50	17.94	...	1	13.8	M			Nov. 6	...	10	34.98	6	24	39.6	M		
7	7.9	50	17.76	5	1	14.0	M			657 Anon.									
651 24 Piscis Australis α, Fomalhaut.										Sep. 20	8.9	23	11	40.00	...	136	51	25.7	M
Oct. 16	...	22	50	37.67	3	120	17	41.8	M	25	8.9	11	40.01	...	51	25.4	M		
27	...	50	37.62	6	17	40.1	M			658 Anon.									
28	...	50	37.79	6	17	41.8	M			Nov. 7	8.5	23	12	37.88	6	137	0	59.5	M
29	...	50	37.79	6	17	40.8	M			659 Anon.									
31	...	50	37.67	6	17	41.0	M			Sep. 9	9.4	23	12	42.48	...	127	21	54.9	M
Nov. 1	...	50	37.71	6	17	41.5	M			660 96 Aquarii.									
652 4 Piscium β										Sep. 10	5.9	23	12	43.88	...	95	49	4.2	M
Sep. 23	...	22	57	24.70	4	86	51	47.4	M	661 Groombridge 4040.									
Oct. 10	...	57	24.56	6	51	47.4	M			Oct. 28	6.0	23	13	17.86	4	17	0	10.5	M
11	...	57	24.77	6	51	46.4	M			31	7.0	13	17.79	6	0	19.1	M		
653 53 Pegasi β, Var. 1.										Nov. 1	7.0	13	17.70	5	0	18.7	M		
Oct. 18	...	22	57	36.93	6	62	36	21.0	M	10	...	13	17.91	3	0	18.9	M		
27	...	57	37.03	6	36	20.2	M												

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Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.								
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"									
662 <i>Anon.</i>										671 <i>R. Aquarii, Var. 1.</i>																	
Nov. 11	...	23	20	11.80	4	109	17	25.0	R	Oct. 2	9.3	23	37	14.95	...	105	59	17.9	R								
663 <i>8 Piscium κ</i>										4 9.2 37 14.98 5 59 18.1 R																	
Oct. 6	...	23	20	25.35	...	89	26	21.4	M	21	9.3	37	14.88	6	59	16.7	M	672 <i>19 Piscium.</i>									
21	...	20	25.24	6	26	22.3	M	Nov. 7 9.7 37 14.88 5 59 13.7 M																			
30	...	20	25.33	6	26	23.7	M	Sep. 23 ... 23 39 54.02 4 87 13 3.5 M																			
Nov. 5	...	20	25.30	6	26	21.0	M	26 ... 39 54.29 ... 13 3.2 M																			
8	...	20	25.30	6	26	22.7	M	27 ... 39 54.10 ... 13 3.8 M																			
664 <i>10 Piscium θ</i>										673 <i>20 Piscium.</i>																	
Sep. 12	4.9	23	21	31.46	...	84	19	5.2	M	Oct. 10	...	23	41	24.63	6	93	28	3.9	M								
665 <i>Anon.</i>										29 ... 41 24.74 6 28 4.1 M																	
Sep. 29	8.0	23	26	14.01	...	108	45	8.0	M	30	...	41	24.91	6	28	4.4	M	674 <i>δ Sculptoris.</i>									
Oct. 2	9.7	26	14.22	...	45	8.4	R	Nov. 22 ... 23 42 18.40 6 118 49 56.5 R																			
Nov. 6	8.1	26	13.97	6	45	7.0	M	675 <i>Anon.</i>																			
7	8.0	26	14.06	6	45	6.5	M	Oct. 3 9.0 23 42 32.93 ... 150 47 0.3 R																			
666 <i>R. P. L. 158—s.p.</i>										676 <i>Anon.</i>																	
Apl. 4	...	23	27	50.17	2	3	23	31.3	R	Nov. 8	9.4	23	43	15.50	6	120	40	50.1	M								
26	...	27	50.91	7	23	35.6	R	677 <i>28 Piscium ω</i>																			
667 <i>Anon.</i>										Oct. 20 ... 23 52 47.29 6 83 50 23.3 M																	
Oct. 27	9.3	23	28	9.87	6	108	24	44.6	M	31	...	52	47.44	6	50	23.0	M	678 <i>29 Piscium.</i>									
31	9.4	28	9.62	6	24	46.7	M	Nov. 10 ... 52 47.40 6 50 23.5 R																			
Nov. 5	9.3	28	9.85	6	24	44.3	M	Sep. 23 5.5 23 55 18.79 ... 93 44 4.7 M																			
8	9.3	28	9.93	6	24	47.1	M	679 <i>Anon.</i>																			
668 <i>17 Piscium ι</i>										Nov. 8 9.4 23 56 54.80 6 126 40 10.6 M																	
Nov. 10	...	23	33	25.08	6	85	3	40.8	R	680 <i>Taylor 10997.</i>																	
22	...	33	25.05	6	3	41.0	R	Nov. 12 9.2 23 58 31.16 6 126 43 29.9 R																			
669 <i>18 Piscium λ</i>																											
Sep. 20	...	23	35	33.89	6	88	55	8.2	M																		
25	...	35	33.98	...	55	8.7	M																				
670 <i>Anon.</i>																											
Sep. 19	8.5	23	35	41.00	...	148	39	58.7	M																		