
SEPARATE RESULTS

OF

OBSERVATIONS

OF THE FIXED STARS

MADE WITH THE

MADRAS MERIDIAN CIRCLE

IN THE YEAR

1872

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
1 <i>Lalande 47303.</i>										8 <i>Anon.</i>									
Oct. 28	7.0	0	1	14.81	...	118	13	13.3	R	Oct. 30	9.0	0	18	48.28	...	26	51	23.6	R
31	7.0		1	14.21	...		18	17.0	R	9 <i>45 Piscium.</i>									
Nov. 12	6.4		1	14.88	6		18	12.4	M	Nov. 8	6.0	0	19	5.87	...	83	1	0.0	M
16	6.5		1	14.48	...		18	12.5	M	11	6.1		19	6.15	...		1	1.0	M
25	5.7		1	14.48	...		18	13.0	M	10 <i>12 Ceti.</i>									
2 <i>21 Andromedæ a, Alpherat.</i>										11 <i>Anon.</i>									
Oct. 14	...	0	1	46.55	...	61	37	0.2	R	Oct. 7	...	0	27	7.33	5	1.44	51	42.0	R
29	...		1	46.47	...		36	59.9	R	12 <i>13 Ceti.</i>									
30	...		1	46.43	...		36	59.5	R	Nov. 11	5.9	0	28	39.69	...	94	17	53.4	M
Nov. 9	...		1	46.41	...		37	0.2	M	13 <i>Taylor 184.</i>									
15	...		1	46.36	...		36	59.8	M	Nov. 5	6.0	0	34	11.19	...	95	3	17.4	M
3 <i>Anon.</i>										14 <i>W. B. E. 0.585.</i>									
Nov. 25	9.2	0	6	35.71	...	131	5	38.7	M	Oct. 7	9.5	0	34	59.09	6	94	56	6.4	R
4 <i>88 Pegasi γ, Algenib.</i>										15 <i>16 Ceti β</i>									
Oct. 14	...	0	6	38.76	...	75	31	41.2	R	Oct. 14	...	0	37	9.67	...	108	41	24.1	R
25	...		6	38.65	...		31	41.3	R	25	...		37	9.87	...		41	23.1	R
30	...		6	38.81	...		31	41.2	R	29	...		37	9.74	...		41	24.4	R
31	...		6	38.82	...		31	42.1	R	31	...		37	9.70	6		41	24.7	R
Nov. 2	...		6	38.62	...		31	43.7	M	Nov. 2	...		37	9.82	...		41	23.7	M
8	...		6	38.78	...		31	42.0	M	8	...		37	9.74	...		41	22.0	M
9	...		6	38.68	...		31	42.5	M	9	...		37	9.83	...		41	23.6	M
15	...		6	38.74	...		31	43.2	M	11	...		37	9.86	...		41	22.9	M
16	...		6	38.54	5		31	44.0	M	15	...		37	9.79	...		41	23.6	M
5 <i>Anon.</i>										15 <i>16 Ceti β</i>									
Oct. 31	9.3	0	17	12.30	5	26	24	38.2	R	20	...		37	9.74	4		41	23.3	M
Nov. 6	8.8		17	12.27	...		24	34.6	M	6 <i>R Andromedæ Var. 1.</i>									
6 <i>R Andromedæ Var. 1.</i>										7 <i>O. A. N. 317.</i>									
Oct. 4	7.0	0	17	16.38	...	52	7	54.1	R	Oct. 29	9.0	0	18	2.94	...	26	4	12.9	R
28	8.0		17	16.34	...		7	53.1	R	Nov. 7	8.6		18	2.93	...		4	15.7	M
7 <i>O. A. N. 317.</i>										7 <i>O. A. N. 317.</i>									
Oct. 29	9.0	0	18	2.94	...	26	4	12.9	R	20	8.5		18	2.91	...		4	15.3	M
Nov. 7	8.6		18	2.93	...		4	15.7	M										
20	8.5		18	2.91	...		4	15.3	M										

47

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
16 <i>58 Piscium.</i>										25 <i>Anon.</i>									
Oct. 9	...	0	40	20.03	...	78	43	29.5	R	Nov. 20	9.3	1	10	33.46	...	81	47	13.0	M
17 <i>Anon.</i>										26 <i>1 Ursæ Minoris α, Polaris.</i>									
Dec. 4	9.7	0	49	15.22	3	153	47	12.1	R	Jan. 4	...	1	11	57.08	3	1	22	24.1	M
18 <i>2 Ursæ Minoris—s.p.</i>										Oct. 21	...	...	11	56.74	3	...	22	21.0	R
Mar. 16	...	0	51	39.34	3	4	25	54.4	M	Nov. 1	...	...	11	58.47	2	22	23.6	M	
19 <i>70 Piscium.</i>										5	...	...	11	57.37	2	22	23.8	M	
Nov. 6	6.3	0	55	27.47	...	82	45	0.3	M	9	...	...	11	56.75	2	22	23.1	M	
8	6.1	55	27.68	...	45	0.3	M	25	...	...	11	56.70	1	22	23.8	M			
9	6.1	55	27.58	...	45	0.9	M	Dec. 7	...	...	11	57.55	3	22	21.7	R			
20	6.3	55	27.52	...	45	0.0	M	1 Ursæ Minoris α, Polaris—s.p.											
20 <i>71 Piscium ε</i>										Mar. 27	...	1	11	57.70	2	1	22	25.1	M
Oct. 23	...	0	56	18.04	...	82	47	56.0	R	Apl. 9	...	...	11	56.79	1	22	24.2	R	
Nov. 7	...	56	18.06	...	47	58.1	M	24	...	...	11	57.39	2	22	23.4	R			
12	...	56	18.18	...	47	58.0	M	May 3	...	...	11	57.88	2	22	24.5	R			
13	...	56	18.01	...	47	59.0	M	9	...	...	11	57.36	2	22	25.9	M			
16	...	56	18.12	...	47	57.6	M	22	...	...	11	56.10	2	22	24.8	M			
29	...	56	17.91	...	47	59.0	M	June 1	...	...	11	56.78	3	22	25.7	M			
21 <i>Anon.</i>										27 <i>44 Ceti.</i>									
Nov. 25	8.0	1	3	23.09	...	150	13	43.4	M	Oct. 23	8.0	1	17	30.24	...	08	40	20.3	R
22 <i>Anon.</i>										28 <i>45 Ceti θ¹</i>									
Nov. 11	8.9	1	4	22.76	...	18	32	17.2	M	Nov. 12	...	1	17	37.53	...	08	50	41.0	M
23 <i>Anon.</i>										29	...	...	17	37.63	...	50	42.2	M	
Nov. 16	8.0	1	7	44.65	...	152	57	83.4	M	Dec. 3	...	...	17	37.63	...	50	40.1	R	
30	8.3	7	44.56	...	57	30.4	M	4	...	...	17	37.57	...	50	40.5	R			
24 <i>Anon.</i>										29 <i>99 Piscium η</i>									
Dec. 3	7.3	1	9	23.45	...	18	16	25.7	R	Nov. 2	...	1	24	38.15	...	75	18	54.9	M
										6	...	...	24	38.01	...	18	53.3	M	
										13	...	...	24	38.25	...	18	54.6	M	
										29	...	...	24	37.98	...	18	54.9	M	
										30	...	...	24	38.04	...	18	54.0	M	

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
30 Taylor 496.									39 6 Arietis β										
Oct. 28	8.8	1	26	1.36	...	140	33	40.3	R	Jan. 3	...	1	47	34.33	5	69	49	8.3	M
Nov. 1	8.0		26	1.22	...		33	41.1	M	4	...		47	34.34	...		49	8.2	M
31 Anon.									40 V Piscium, Var. 5.										
Nov. 20	8.4	1	26	2.54	5	150	19	11.9	M	Dec. 4	8.0	1	47	36.86	5	81	50	59.2	R
32 102 Piscium π									41 Bonn +3°.266.										
Nov. 15	6.0	1	30	18.76	...	78	30	49.5	M	Dec. 9	10.0	1	49	49.35	5	86	43	56.6	R
16	6.0		30	18.90	...		30	49.7	M	42 8 Arietis ι									
33 α Eridani, Achernar.									43 W. B. E. I. 892.										
Oct. 28	...	1	32	56.95	...	147	53	15.3	R	Nov. 1	8.9	1	51	21.40	5	86	57	18.5	M
Dec. 7	...		32	56.94	...		53	18.2	R	44 Anon.									
34 106 Piscium ν									45 Anon.										
Jan. 4	...	1	34	46.37	...	85	9	39.7	M	Dec. 24	9.0	1	52	35.02	...	145	46	2.5	M
Nov. 5	...		34	46.31	...		9	39.9	M	27	9.2		52	34.79	...		46	3.0	M
7	...		34	46.28	...		9	40.0	M	46 Anon.									
8	...		34	46.29	...		9	38.8	M	Dec. 10	9.3	1	53	18.54	...	151	20	33.6	R
25	...		34	46.34	...		9	39.9	M	18	9.8		53	19.45	...		20	31.4	R
Dec. 3	...		34	46.28	...		9	39.5	R	46 Anon.									
35 Anon.									46 Anon.										
Nov. 30	8.7	1	38	49.97	...	152	0	28.0	M	Dec. 4	8.5	1	56	27.16	...	129	56	11.6	R
36 Anon.									46 Anon.										
Dec. 4	9.3	1	40	10.69	...	149	24	56.1	R	46 Anon.									
37 Anon.									46 Anon.										
Oct. 28	...	1	40	43.47	...	128	34	35.2	R	46 Anon.									
38 Anon.									46 Anon.										
Nov. 25	9.7	1	46	26.57	...	148	55	34.2	M	46 Anon.									

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
47 <i>Anon.</i>										55 <i>22 Arietis θ</i>									
Oct. 30	9.3	1	56	27.44	...	129	24	54.5	R	Oct. 26	...	2	11	0.47	...	70	41	33.4	R
48 <i>Anon.</i>										56 <i>73 Ceti ξ²</i>									
Nov. 6	9.0	1	57	52.95	...	87	38	13.8	M	Jan. 3	...	2	21	21.04	...	82	6	53.2	M
80	9.0		57	52.78	4		38	14.3	M	4	...		21	21.27	...		6	53.5	M
49 <i>13 Arietis α</i>										Nov. 1 ... 21 21.30 ... 6 53.5 M									
Jan. 3	...	1	59	57.59	...	67	8	39.4	M	29	...		21	21.51	...		6	54.9	M
Nov. 7	...		59	57.68	...		8	39.3	M	Dec. 4	...		21	21.26	4		6	52.1	R
11	...		59	57.50	...		8	39.0	M	20	...		21	21.27	...		6	54.1	R
12	...		58	57.57	...		8	38.2	M	57 <i>Anon.</i>									
Dec. 18	...		59	57.52	...		8	38.5	R	Oct. 30	9.7	2	29	25.48	5	147	35	22.0	R
50 <i>Anon.</i>										58 <i>Anon.</i>									
Dec. 10	9.4	2	1	18.40	5	148	45	22.1	R	Oct. 31	10.2	2	29	30.98	4	84	58	30.0	R
13	9.8		1	18.53	...		45	19.4	R	59 <i>32 Arietis ν</i>									
51 <i>17 Arietis η</i>										Nov. 9 6.0 2 31 32.04 ... 68 35 33.4 M									
Nov. 15	5.9	2	5	38.19	...	60	23	30.3	M	13	6.0		31	33.17	...		35	33.6	M
16	5.7		5	38.11	...		23	29.8	M	60 <i>86 Ceti γ</i>									
25	5.7		5	38.18	...		23	30.4	M	Jan. 4	...	2	36	40.15	5	87	18	17.1	M
52 <i>Anon.</i>										Nov. 1 ... 36 40.00 ... 18 17.6 M									
Oct. 30	10.3	2	7	0.44	4	87	10	17.7	R	20	...		36	40.09	...		18	17.5	M
31	10.2		7	0.22	5		10	18.1	R	25	...		36	40.12	...		18	18.4	M
53 <i>R Arietis, Var. I.</i>										80 ... 36 40.14 ... 18 18.2 M									
Oct. 29	9.0	2	8	50.32	4	65	32	24.6	R	Dec. 3	...		36	39.93	...		18	19.0	R
Nov. 13	8.9	18	8	50.44	...		32	24.7	M	4	...		36	40.10	...		18	17.6	R
54 <i>67 Ceti.</i>										61 <i>42 Arietis π</i>									
Jan. 3	...	2	10	35.97	...	97	0	47.4	M	Nov. 11	5.0	2	42	9.00	...	73	4	11.2	M
4	...		10	35.96	...		0	47.9	M	62 <i>Lalande 5433.</i>									
Nov. 12	...		10	35.96	...		0	47.5	M	Dec. 9	8.7	2	51	29.74	...	80	18	35.7	R
30	...		10	36.05	...		0	48.1	M	20	8.5		51	29.70	...		18	36.5	R
Dec. 13	...		10	35.98	...		0	47.0	R	30	8.1		51	29.87	...		18	37.4	M
20	...		10	35.94	...		0	48.4	R										

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
82 <i>Anon.</i>										93 <i>25 Tauri η, Alcyone.</i>									
Dec. 27	8.1	3	25	7.48	...	129	0	2.6	M	Jan. 6	...	3	39	52.66	...	66	17	33.9	R
83 <i>Anon.</i>										Dec. 7	...	39	52.62	...	17	34.3	R		
Jan. 6	9.8	3	32	2.85	...	129	48	26.8	R	9	...	39	52.63	...	17	36.2	R		
9	9.2	32	2.69	...	48	26.3	R	10	...	39	52.69	...	17	35.0	R				
84 <i>Anon.</i>										16	...	39	52.73	...	17	34.5	R		
85 <i>Lacaille 1166.</i>										94 <i>Anon.</i>									
Dec. 7	...	3	33	19.51	...	129	11	37.5	R	Jan. 9	8.0	3	41	6.21	6	147	1	36.9	R
14	9.0	33	19.49	...	11	37.6	R	95 <i>Lacaille 1242.</i>											
86 <i>Anon.</i>										Jan. 8	8.0	3	41	56.18	5	147	3	44.2	R
Dec. 3	9.0	3	33	36.88	...	127	41	34.4	R	9	9.3	41	56.11	5	3	44.8	R		
9	8.5	33	36.86	...	41	34.1	R	96 <i>33 Tauri.</i>											
87 <i>Lacaille 1192.</i>										Jan. 11	6.5	3	49	28.37	...	67	11	56.0	R
Jan. 8	7.8	3	35	9.70	...	147	42	13.5	R	Nov. 20	6.2	49	28.37	...	11	54.5	M		
Dec. 30	8.0	35	9.72	...	42	13.5	M	Dec. 9	...	49	28.62	...	11	55.2	R				
88 <i>Anon.</i>										10	...	49	28.08	...	11	55.9	R		
Dec. 24	8.6	3	35	29.56	...	150	11	41.1	M	97 <i>Anon.</i>									
89 <i>Anon.</i>										Jan. 6	9.7	3	49	55.58	...	129	13	16.5	R
Dec. 14	9.9	3	36	4.53	5	129	8	58.4	R	98 <i>Anon.</i>									
90 <i>Anon.</i>										Jan. 20	8.8	3	50	6.17	...	129	10	45.9	M
Jan. 18	8.0	3	37	9.29	...	148	25	56.4	M	99 <i>34 Eridani γ^1</i>									
91 <i>17 Tauri, Electra.</i>										Jan. 9	...	3	52	3.44	...	103	52	30.1	R
Dec. 16	...	3	37	16.76	6	66	17	29.0	R	12	...	52	3.47	...	52	27.4	M		
20	...	37	16.52	...	17	29.7	R	13	...	52	3.48	...	52	27.2	M				
92 <i>Anon.</i>										22	...	52	3.50	...	52	27.2	M		
Jan. 19	7.9	3	39	48.15	4	66	29	2.6	M	Dec. 13	...	52	3.47	...	52	28.3	R		
93 <i>Anon.</i>										30	...	52	3.53	...	52	28.7	M		
Jan. 8	10.0	3	53	22.57	5	128	23	58.0	R	100 <i>Anon.</i>									
94 <i>Anon.</i>										Jan. 10	9.0	3	53	52.89	...	143	7	0.9	R
Jan. 10	9.0	3	53	52.89	...	143	7	0.9	R	101 <i>Anon.</i>									

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
102 <i>Anon.</i>									111 <i>Anon.</i>										
Dec. 10	9.2	3	54	58.82	...	129	9	28.0	R	Jan. 23	9.9	4	15	31.41	...	129	5	41.0	M
103 <i>Anon.</i>									112 <i>Anon.</i>										
Dec. 9	9.0	3	55	50.88	...	129	18	15.5	R	Jan. 9	9.0	4	15	56.95	...	128	38	39.6	R
104 <i>Taylor 1392.</i>									113 <i>62 Tauri.</i>										
Jan. 18	6.9	3	55	58.28	...	147	28	0.5	M	Jan. 31	6.5	4	16	16.45	...	65	59	59.4	M
105 <i>R. P. L. 35.</i>									114 <i>74 Tauri ε</i>										
Dec. 24	...	3	57	9.47	2	4	47	12.8	M	Jan. 9	...	4	21	8.61	...	71	6	22.5	R
27	...		57	7.99	3		47	10.0	M	10	...		21	8.61	...	6	22.5	R	
106 <i>Anon.</i>									115 <i>R Tauri Var. 2.</i>										
Jan. 9	9.0	4	5	8.60	...	150	4	18.2	R	Dec. 27	7.9	4	21	16.91	6	80	7	30.8	M
107 <i>38 Eridani o¹</i>									116 <i>Anon.</i>										
Jan. 6	...	4	5	87.09	...	97	10	24.4	R	Jan. 8	9.8	4	27	20.58	...	150	32	56.3	R
8	...		5	86.97	...		10	25.4	R	117 <i>87 Tauri α, Aldebaran.</i>									
17	...		5	87.09	...		10	28.5	M	Jan. 5	...	4	28	34.70	...	73	45	2.5	R
19	...		5	87.14	...		10	28.9	M	13	...		28	34.58	...	45	3.1	M	
24	...		5	87.09	...		10	25.2	M	15	...		28	34.56	...	45	2.9	M	
Dec. 9	...		5	87.08	...		10	23.5	R	16	...		28	34.58	...	45	3.0	M	
10	...		5	87.01	...		10	24.5	R	17	...		28	34.63	...	45	2.8	M	
12	...		5	87.13	...		10	23.5	R	18	...		28	34.71	...	45	2.8	M	
13	...		5	87.02	...		10	23.8	R	19	...		28	34.59	5	45	2.7	M	
14	...		5	87.04	...		10	24.3	R	20	...		28	24.85	...	45	3.2	M	
16	...		5	87.12	...		10	25.8	R	24	...		28	34.59	...	45	4.7	M	
108 <i>Lacaille 1418.</i>									117 <i>87 Tauri α, Aldebaran.</i>										
Jan. 10	8.3	4	12	39.34	...	143	38	30.7	R	Jan. 5	...	4	28	34.70	...	73	45	2.5	R
109 <i>Anon.</i>									117 <i>87 Tauri α, Aldebaran.</i>										
Jan. 6	9.2	4	12	45.70	...	129	9	36.4	R	13	...		28	34.58	...	45	3.1	M	
110 <i>Lacaille 1425.</i>									117 <i>87 Tauri α, Aldebaran.</i>										
Jan. 11	5.5	4	13	7.44	...	152	30	53.5	R	15	...		28	34.56	...	45	2.9	M	
12	6.0		13	7.27	...		30	51.6	M	16	...		28	34.58	...	45	3.0	M	

[6]

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
118 <i>Anon.</i>										126 <i>R Orionis Var. 3.</i>									
Jan. 31	9.0	4	31	54.18	4	142	58	35.5	M	Dec. 9	9.7	4	52	4.02	...	82	4	1.8	R
119 <i>Lacaille 1551—2nd.</i>										14 9.5 52 4.17 ... 4 1.8 R									
Dec. 9	10.0	4	32	18.80	...	153	5	22.4	R	16 ... 52 4.15 ... 4 2.5 R									
120 <i>Anon.</i>										127 <i>Anon.</i>									
Dec. 10	9.0	4	33	42.92	...	144	53	51.5	R	Jan. 17	8.7	4	53	35.18	...	129	39	4.7	M
30	8.6	33	42.95	4	52	51.7	M	128 <i>7 Aurigæ ε, Var. 1</i>											
121 <i>Anon.</i>										Dec. 7 ... 4 52 47.01 ... 46 22 8.2 R									
Jan. 11	8.2	4	34	3.30	...	67	31	7.0	R	129 <i>Anon.</i>									
Dec. 12	9.2	34	3.22	5	31	6.0	R	Jan. 20	9.0	4	52	47.31	...	150	37	9.1	M		
122 <i>Lacaille 1566.</i>										20 9.1 52 47.25 6 37 7.5 M									
Jan. 22	7.0	4	35	54.02	...	148	27	28.8	M	130 <i>2 Leporis ε</i>									
123 <i>Anon.</i>										Jan. 5 ... 5 0 2.56 ... 112 32 42.8 R									
Jan. 8	10.0	4	36	40.19	4	64	18	14.1	R	8 ... 0 2.56 ... 32 43.3 R									
124 <i>Anon.</i>										10 ... 0 2.55 ... 32 43.5 R									
Dec. 7	10.2	4	39	18.40	5	153	15	1.5	R	11 ... 0 2.56 ... 32 42.2 R									
125 <i>3 Aurigæ ε</i>										12 ... 0 2.54 ... 32 41.5 M									
Jan. 4	...	4	48	39.66	...	57	2	22.1	M	18 ... 0 2.48 ... 32 41.2 M									
5	...	48	39.54	...	2	20.6	R	22 ... 0 2.44 ... 32 41.2 M											
10	...	48	39.58	...	2	22.6	M	25 ... 0 2.56 ... 32 41.9 M											
11	...	48	39.50	...	2	22.8	R	Dec. 27 ... 0 2.36 ... 32 41.4 M											
12	...	48	39.51	...	2	21.6	M	131 <i>Taylor 1852.</i>											
13	...	48	39.58	...	2	20.1	M	Jan. 17	6.0	5	2	19.77	...	144	34	53.5	M		
15	...	48	39.59	5	2	21.8	M	132 <i>15 Orionis.</i>											
16	...	48	39.59	...	2	22.6	M	Feb. 1	6.4	5	2	22.35	...	74	34	8.7	M		
18	...	48	39.53	...	2	21.7	M	2 ... 2 22.55 ... 34 6.8 M											
19	...	48	39.55	...	2	20.8	M	133 <i>Anon.</i>											
23	...	48	39.70	...	2	23.2	M	Jan. 10	9.0	5	6	17.48	5	181	45	7.3	R		
24	...	48	39.61	...	2	23.8	M	Feb. 5	8.4	6	6	17.48	...	45	5.8	M			
25	...	48	39.57	...	2	21.4	M												
Dec. 12	...	48	39.45	...	2	21.6	R												
24	...	48	39.58	...	2	20.8	M												

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
134 13 Aurigæ α , Capella.										141 Taylor 1984.									
Feb. 1	...	5	7	14.21	5	44	8	7.7	M	Jan. 29	7.7	5	18	56.95	6	150	54	22.7	M
135 19 Orionis β , Rigel.										142 Anon.									
Jan. 8	...	5	8	23.21	...	98	21	6.5	R	Jan. 19	8.6	5	18	58.68	...	129	57	35.8	M
9	...	8	23.19	...	...	21	7.8	R											
16	...	8	23.20	...	...	21	6.0	M											
19	...	8	23.19	...	...	21	6.6	M											
Dec. 27	...	8	23.84	...	...	21	5.4	M	143 Taylor 1973.										
30	...	8	23.18	...	...	21	5.9	M	Jan. 16	6.2	5	19	10.50	...	129	47	56.9	M	
136 Anon.										144 115 Tauri.									
Jan. 18	9.0	5	8	35.38	4	150	35	46.3	M	Jan. 30	6.0	5	19	42.19	...	73	9	2.5	M
										31	6.0	...	19	42.27	...	9	1.9	M	
										Dec. 30	6.0	...	19	42.08	...	9	1.6	M	
137 109 Tauri n										145 R. P. L. 40.									
Jan. 20	6.0	5	11	35.36	6	68	2	19.4	M	Dec. 14	...	5	21	13.93	2	4	52	34.3	R
22	6.4	11	35.25	...	...	2	18.7	M											
138 Anon.										146 Lacaille 1854.									
Feb. 3	9.2	5	13	17.37	5	75	4	26.0	M	Jan. 20	7.8	5	21	51.84	...	137	12	28.3	M
6	9.0	13	17.41	...	...	4	25.6	M											
7	9.0	13	17.53	...	...	4	25.6	M	147 λ Doradus.										
139 Anon.										Feb. 1 | 6.5 | 5 24 27.21 | ... | 149 1 19.4 | M									
Feb. 2	9.4	5	14	51.63	6	75	5	55.4	M	148 Anon.									
5	9.3	14	51.34	...	...	5	58.0	M	Feb. 6	9.0	5	25	26.92	6	130	35	0.2	M	
15	9.8	14	51.37	...	...	5	56.4	R	149 34 Orionis δ , Var. 1.										
140 112 Tauri β										Jan. 4 | ... | 5 25 27.98 | ... | 90 23 45.5 | M									
Jan. 5	...	5	18	12.09	...	61	30	12.4	R	5	...	25	28.05	...	23	47.1	R		
8	...	18	12.13	...	...	30	13.6	R	17	...	25	28.02	...	23	46.4	M			
9	...	18	12.13	...	...	30	11.1	R	22	...	25	28.06	5	23	46.0	M			
12	...	18	12.16	...	...	30	12.5	M											
15	...	18	12.07	...	...	30	10.4	M	150 Anon.										
17	...	18	12.11	...	...	30	13.5	M	Feb. 15	9.2	5	25	36.19	5	155	50	55.4	R	
23	...	18	12.14	...	...	30	14.0	M											
Dec. 24	...	18	12.15	...	...	30	13.1	M											

5139

3637

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.				
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"					
151 <i>II Leporis a</i>										160 <i>a Columbæ</i>													
Jan. 29	...	5	27	4.97	5	107	54	57.5	M	Jan. 5	...	5	35	0.96	4	124	8	38.5	R				
Feb. 3	...	27	4.90	4	54	57.5	M	Feb. 23	...	35	0.86	...	8	37.8	M	Dec. 27	...	35	0.87	...	8	38.5	M
Dec. 24	...	27	5.21	...	54	57.0	M	Dec. 27	...	35	0.87	...	8	38.5	M								
27	...	27	5.21	4	54	56.9	M																
152 <i>Taylor 2057.</i>										161 <i>Anon.</i>													
Jan. 16	7.8	5	28	5.93	5	151	55	18.1	M	Feb. 6	8.7	5	36	51.17	...	185	48	24.7	M				
153 <i>46 Orionis e</i>										162 <i>Anon.</i>													
Jan. 5	...	5	29	43.07	...	91	17	10.7	R	Feb. 9	9.0	5	36	59.31	...	129	57	37.0	R				
15	...	29	43.15	...	17	11.3	M	Feb. 10	...	20	43.14	...	17	11.2	R	Dec. 30	...	29	43.04	...	17	9.8	M
Feb. 10	...	20	43.14	...	17	11.2	R	Dec. 30	...	29	43.04	...	17	9.8	M								
Dec. 30	...	29	43.04	...	17	9.8	M																
154 <i>123 Tauri ζ</i>										163 <i>Anon.</i>													
Feb. 8	...	5	29	59.60	...	68	56	17.0	R	Feb. 8	8.5	5	39	37.42	...	79	0	1.1	R				
9	...	29	59.76	...	56	17.2	R	Jan. 19	6.0	5	40	3.41	...	135	53	36.7	M						
									20	6.6	40	3.37	...	58	34.8	M							
155 <i>Anon.</i>										164 <i>Taylor 2145.</i>													
Feb. 5	9.4	5	29	59.29	...	135	21	44.1	M	Jan. 19	6.0	5	40	3.41	...	135	53	36.7	M				
										20	6.6	40	3.37	...	58	34.8	M						
156 <i>Anon.</i>										165 <i>Lacaille 1984.</i>													
Jan. 19	7.3	5	31	5.37	...	150	12	44.5	M	Feb. 12	7.0	5	40	57.27 ⁵¹	...	180	15	8.8	R				
157 <i>Anon.</i>										166 <i>Lacaille 2010.</i>													
Jan. 18	8.6	5	32	15.91	...	123	55	6.5	M	Feb. 10	9.0	5	42	9.65 ¹⁶	5	146	53	9.8	R				
20	8.0	32	16.14	6	55	3.5	M	Jan. 20	7.6	5	42	20.00	...	137	3	21.6	M						
									Feb. 7	7.6	42	20.10	...	3	22.2	M							
158 <i>Lacaille 1916.</i>										167 <i>Anon.</i>													
Jan. 31	8.0	5	32	40.65	...	121	8	21.6	M	Jan. 20	7.6	5	42	20.00	...	137	3	21.6	M				
Feb. 7	7.8	32	40.81	...	8	22.2	M	Feb. 7	7.6	42	20.10	...	3	22.2	M								
159 <i>126 Tauri.</i>										168 <i>Anon.</i>													
Jan. 30	...	5	33	53.88	...	73	32	7.8	M	Feb. 15	9.5	5	44	57.65 ¹⁹	...	137	10	8.8	R				
Feb. 1	5.9	33	53.92	5	32	8.5	M	Jan. 22	...	5	45	48.10	...	69	45	1.0	M						
2	6.0	33	53.99	6	32	7.0	M	Jan. 31	8.8	5	47	15.02	6	135	46	45.2	M						

45-16

57-51

9-16

57-18

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		°	'	"	
171 58 Orionis α , Var. 1.									
Jan. 4	...	5	48	14.45	...	82	37	8.6	M
5	...	48	14.59	4		37	8.9	R	
28	...	48	14.49	...		37	9.0	M	
29	...	48	14.48	...		37	8.5	M	
Feb. 14	...	48	14.43	...		37	8.7	R	
Dec. 24	...	48	14.41	...		37	7.6	M	
172 Anon.									
Feb. 1	8.9	5	49	38.51	...	121	9	45.1	M
6	8.9	49	38.89	5		9	44.5	M	
173 Anon.									
Feb. 12	9.0	5	49	52.32 ⁴⁶	...	130	1	18.7	R
13	9.5	49	52.29 ⁴⁹	...		1	18.4	R	
174 Anon.									
Feb. 10	9.5	5	49	58.28	...	63	50	5.0	R
175 Lacaille 2073.									
Jan. 19	7.1	5	50	43.65	...	137	12	34.4	M
Feb. 7	7.9	50	43.88	6		12	34.2	M	
176 Anon.									
Feb. 21	9.5	5	52	1.76	...	140	36	33.8	R
177 Anon.									
Feb. 16	9.8	5	52	28.65 ⁷⁴	...	141	46	2.9	R
17	9.8	52	28.57	5		46	0.9	R	
178 Anon.									
Feb. 15	9.2	5	52	56.76 ⁸⁸	...	129	32	28.1	R
179 Anon.									
Jan. 20	7.9	5	53	38.07	5	141	40	5.8	M
180 R. P. L. 43.									
Jan. 30	...	5	55	84.60	1	8	14	15.9	M
R. P. L. 43—s.p.									
July 18	...	5	55	34.88	2	3	14	18.9	M
181 Anon.									
Jan. 28	9.3	5	57	12.90	...	186	1	0.8	M
81	9.1	57	12.78	...		1	0.8	M	
182 67 Orionis ν									
Jan. 29	...	6	0	15.82	...	75	13	7.2	M
Feb. 9	...	0	15.80	...		13	6.0	R	
14	...	0	16.06 ³	...		13	5.6	R	16.03
15	...	0	15.84 ⁶	...		13	6.9	R	15.82
183 Anon.									
Feb. 5	8.7	6	2	23.80	5	153	44	42.0	M
6	8.9	2	24.17	5		44	42.7	M	
184 Anon.									
Feb. 12	9.4	6	4	6.41 ⁶⁸	...	150	5	31.0	R
13	9.8	4	6.24 ⁵¹	5		5	29.5	R	6.68 .61
185 Anon.									
Feb. 1	7.7	6	4	38.25	...	128	2	40.0	M
186 Anon.									
Feb. 10	8.8	6	4	46.98 ^{47.05}	5	136	49	44.1	R
17	8.8	4	46.93	...		49	44.8	R	47.05
187 Anon.									
Feb. 8	9.2	6	6	4.44	5	77	51	38.2	M
188 Anon.									
Feb. 15	9.2	6	6	44.36 ⁴⁶	...	121	29	28.8	R
16	9.2	6	44.45 ⁵¹	...		29	29.4	R	44.46 .51
189 7 Geminorum η									
Feb. 20	...	6	7	9.01	4	67	27	31.4	R
21	...	7	9.16	...		27	31.8	R	
28	...	7	8.92	...		27	31.6	R	

14.41

52.46
49

26.74

56.88

16.03
15.82

6.68
.61

47.05

44.46
.51

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.		No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.		No. of Wires.	Mean Polar Distance 1872.			Observer.		
		h.	m.		s.	o.	'				"	h.		m.	s.	o.		'	"
190 <i>Anon.</i>								200 <i>Anon.</i>											
Feb. 19	9.2	6	7	32.96	...	151	18	31.9	R	Jan. 18	9.0	6	18	37.65	...	151	28	40.4	M
										Feb. 9	9.0		18	37.96	...		28	40.7	R
191 <i>Anon.</i>								201 <i>Taylor 2485.</i>											
Feb. 24	...	6	7	58.74	5	137	6	32.3	R	Feb. 10	8.5	6	18	38 ²⁵ 1 ¹	...	151	16	21.3	R
192 <i>Anon.</i>								202 <i>Anon.</i>											
Jan. 31	9.3	6	9	42.06	...	131	50	58.8	M	Feb. 12	9.5	6	20	9 ⁴⁸ 50	...	65	40	9.0	R
193 <i>Anon.</i>								203 <i>a Argus, Canopus.</i>											
Jan. 16	7.0	6	11	8.63	4	140	53	59.2	M	Feb. 17	...	6	21	6.56	5	142	37	37.4	R
										19	...		21	6.72	...		37	37.0	R
										20	...		21	6.75	...		37	35.0	R
194 <i>Anon.</i>								204 <i>Anon.</i>											
Feb. 21	9.0	6	11	47.33	5	152	1	59.3	R	Feb. 13	7.8	6	21	34 ²¹ 02	...	128	51	46.1	R
195 <i>Lalande 12053.</i>								205 <i>Anon.</i>											
Feb. 17	8.0	6	12	52.81	...	68	51	26.2	R	Feb. 15	9.5	6	22	12 ⁴⁶ 34	...	129	36	44.2	R
196 <i>Lalande 12075.</i>								206 <i>Lacaille 2321.</i>											
Feb. 3	8.0	6	13	42.61	4	68	44	44.8	M	Feb. 6	7.6	6	23	32.37	...	153	20	57.0	M
5	8.0		13	42.62	5		44	45.0	M										
197 <i>Lalande 12094.</i>								207 <i>Taylor 2524.</i>											
Feb. 1	8.6	6	14	3.63	...	68	42	10.4	M	Jan. 31	7.9	6	23	42.81	6	131	3	21.0	M
13	9.0		14	3.84	...		42	8.6	R	Feb. 8	8.0		23	42.73	...		3	20.8	R
16	9.0		14	4.03	6		42	9.7	R										
19	8.2		14	3.56	5		42	11.6	R										
198 <i>13 Geminorum μ</i>								208 <i>Anon.</i>											
Jan. 27	...	6	15	18.02	...	67	25	25.6	M	Feb. 9	9.2	6	27	34.98	...	152	28	11.3	R
Dec. 30	...		15	12.96	...		25	24.7	M										
199 <i>Taylor 2474.</i>								209 <i>Anon.</i>											
Jan. 12	6.2	6	18	26.95	5	121	43	33.0	M	Feb. 12	9.2	6	27	44 ⁵⁰ 33	...	128	46	18.6	R
210 <i>Anon.</i>								210 <i>Anon.</i>											
										Feb. 13	9.5	6	28	0 ¹⁰ 34	...	181	5	33.1	R

3-81
104

36.25

9.48

30.21

12.46

[21 6.0]

44.50

1.04

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
211 <i>Anon.</i>																			
Jan. 9	9.0	6	28	39.73	...	130	56	9.9	R										
Feb. 15	9.3		28	39.53	...		56	7.5	R										
212 <i>Anon.</i>																			
Jan. 19	6.6	6	28	40.58	...	122	7	50.5	M										
213 <i>24 Geminorum γ</i>																			
Jan. 29	...	6	30	19.26	...	78	29	39.4	M										
Feb. 1	...		30	19.03	...		29	40.0	M										
2	...		30	19.07	...		29	39.6	M										
7	...		30	19.07	...		29	39.4	M										
29	...		30	19.04	...		29	39.2	R										
214 <i>Anon.</i>																			
Jan. 9	8.0	6	30	57.68	5	131	55	34.8	R										
18	8.0		30	57.38	...		55	33.3	M										
215 <i>Anon.</i>																			
Feb. 10	9.3	6	31	18.96	...	122	7	6.2	R										
16	9.5		31	18.96	...		7	7.0	R										
216 <i>Anon.</i>																			
Feb. 17	9.0	6	31	37.83	...	140	0	35.1	R										
217 <i>Anon.</i>																			
Feb. 19	8.0	6	31	42.25	5	130	57	7.7	R										
20	8.2		31	42.30	...		57	5.5	R										
218 <i>Anon.</i>																			
Feb. 14	9.8	6	33	37.54	5	152	27	29.2	R										
21	9.0		33	37.78	...		27	28.1	R										
219 <i>Anon.</i>																			
Jan. 31	8.7	6	34	9.36	...	130	54	42.0	M										
Feb. 6	8.8		34	9.29	...		54	43.8	M										
220 <i>Lacaille 2406.</i>																			
Feb. 8	7.0	6	34	18.59	...	147	25	55.7	R										
22	8.0		34	18.51	...		25	55.2	R										
221 <i>27 Geminorum ε</i>																			
Jan. 23	...	6	36	3.43	...	64	44	42.3	M										
Feb. 23	...		36	3.30	...		44	43.4	R										
24	...		36	3.34	...		44	43.9	R										
222 <i>Anon.</i>																			
Feb. 12	10.2	6	36	26.99	5	62	6	18.3	R										
13	10.2		36	26.71	...		6	14.3	R										
223 <i>Taylor 2652.</i>																			
Jan. 19	6.9	6	36	38.12	5	151	25	16.4	M										
224 <i>Anon.</i>																			
Feb. 15	9.8	6	37	41.81	...	153	25	58.0	R										
Mar. 1	9.5		37	41.93	5		25	59.8	R										
225 <i>Anon.</i>																			
Mar. 4	10.0	6	37	56.74	...	153	21	4.3	R										
226 <i>Lacaille 2451.</i>																			
Feb. 9	8.7	6	38	12.05	...	155	53	9.5	R										
227 <i>51 Cephei.</i>																			
Jan. 6	...	6	39	44.15	7	2	45	44.9	R										
15	...		39	45.23	2		45	45.1	M										
17	...		39	44.53	3		45	44.4	M										
25	...		39	44.28	2		45	44.3	M										
228 <i>Anon.</i>																			
Feb. 16	9.3	6	40	32.24	...	154	14	0.2	R										

34-71

14-01
103

37-79

26-99
66

35

57-01

32-37

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
229 <i>Anon.</i>										239 <i>Anon.</i>									
Feb. 19	9.0	6	40	36.99	4	151	59	21.0	R	Feb. 17	9.0	6	57	32.43	5	69	5	32.7	R
29	9.8		40	37.21	5		59	19.2	R	Mar. 1	9.0		57	32.20	...		5	31.9	R
230 <i>W. B. N. VI. 1272.</i>										240 <i>23 Canis Majoris γ</i>									
Feb. 7	9.0	6	42	37.44	...	70	39	46.1	M	Jan. 20	...	6	57	58.01	...	105	26	45.3	M
										Feb. 7	...		57	57.85	6		26	46.7	M
231 <i>Anon.</i>										241 <i>Lalande 13707.</i>									
Feb. 15	10.0	6	43	21.87	4	130	38	43.7	R	Jan. 9	8.8	6	58	35.30	...	67	7	21.6	R
17	10.4		43	21.60	4		38	43.0	R	Feb. 15	8.0		58	35.05	...		7	19.5	R
232 <i>Anon.</i>										242 <i>Anon.</i>									
Feb. 8	9.8	6	45	19.08	...	106	33	16.1	R	Feb. 13	9.5	6	58	52.17	...	66	56	45.7	R
233 <i>Anon.</i>										243 <i>W. B. N. VI. 1762.</i>									
Feb. 9	10.5	6	50	52.93	3	75	18	0.5	R	Mar. 2	9.2		58	52.27	4		56	45.0	R
10	10.5		50	52.85	4		18	4.7	R	Mar. 4	9.2	6	58	54.11	...	70	55	31.3	R
234 <i>Anon.</i>										244 <i>R Geminorum, Var. 2.</i>									
Feb. 19	9.5	6	52	51.86	...	162	54	53.5	R	Feb. 15	8.0	6	59	38.98	4	67	6	5.3	R
235 <i>21 Canis Majoris ε</i>										245 <i>Anon.</i>									
Jan. 20	...	6	53	35.60	...	118	47	58.1	M	Mar. 5	8.0	7	0	4.82	...	129	43	46.2	R
22	...		53	35.78	...		47	59.1	M										
26	...		53	35.75	...		47	54.2	M										
Feb. 8	...		53	35.80	...		47	59.3	R										
14	...		53	35.61	...		47	59.3	R										
Mar. 2	...		53	35.71	...		47	59.7	R										
236 <i>ζ² Geminorum, Var. 1.</i>										246 <i>Anon.</i>									
Feb. 23	...	6	56	30.81	4	69	17	41.4	R	Feb. 19	9.3	7	1	2.30	5	60	50	48.8	R
237 <i>Anon.</i>										247 <i>Anon.</i>									
Feb. 28	9.3	6	56	37.30	...	129	18	0.6	R	Mar. 21	7.5	7	1	11.81	...	140	10	47.9	M
238 <i>Taylor 2825.</i>										248 <i>Anon.</i>									
Feb. 21	8.8	6	56	53.21	6	150	55	18.9	R	Feb. 23	9.3	7	1	41.44	...	61	4	51.6	R
29	9.0		56	53.02	...		55	18.5	R										
239 <i>Anon.</i>										249 <i>Anon.</i>									
Feb. 12	9.0	7	1	45.65	...	129	39	58.2	R										

52-86

75

14

52-13
52-16

54-07

38-73

50-3

45-80

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
250 <i>Anon.</i>										258 <i>Anon.</i>										
Feb. 29	9.0	7	8	6.13	5	141	24	47.6	R	Mar. 4	10.3	7	19	14.93 ³⁷	5	69	16	25.4	R	14.87
251 <i>Anon.</i>										259 <i>6 Canis Minoris.</i>										
Mar. 1	9.3	7	5	6.33 ³¹	...	153	52	54.4	R	Mar. 21	5.7	7	22	40.32	...	77	43	52.0	M	
2	9.5		5	6.28	5		52	53.5	R											
252 <i>Taylor 2923.</i>										260 <i>Bonn + 48°. 1546.</i>										
Jan. 10	8.5	7	7	22.90	...	150	22	4.6	R	Mar. 1	9.8	7	24	8.70	5	42	1	44.3	R	
										2	10.2		24	8.78 ⁴	4		1	47.1	R	74
253 <i>Lalande 14177.</i>										261 <i>Anon.</i>										
Feb. 12	7.0	7	11	44.75 ⁴	5	67	44	41.5	R	Mar. 5	9.8	7	25	0.15 ³⁷	6	130	10	30.3	R	0.37
22	7.0		11	44.62	4		44	37.5	R											
254 <i>55 Geminorum δ</i>										262 <i>Anon.</i>										
Jan. 26	...	7	12	28.60	...	67	47	5.3	M	Feb. 5	8.0	7	25	16.56	...	123	9	16.7	M	
27	...		12	28.62	...		47	3.9	M	Mar. 7	9.3		25	16.33 ³⁴	...		9	17.9	R	34
29	...		12	28.60	...		47	4.7	M	11	9.0		25	16.51 ³¹	...		9	20.5	M	54
30	...		12	28.60	...		47	4.4	M											
Feb. 2	...		12	28.61	...		47	4.1	M	263 <i>R. P. L. 45—s.p.</i>										
9	...		12	28.09	...		47	2.7	R	Sep. 6	...	7	25	18.67 ^{22.02}	2	0	59	58.2	M	22.02
10	...		12	28.60	...		47	5.5	R											
12	...		12	28.61	5		47	5.0	R	264 <i>Anon.</i>										
14	...		12	28.66	...		47	5.1	R	Feb. 2	8.3	7	25	43.17	...	129	19	4.3	M	
15	...		12	28.60	...		47	4.1	R	265 <i>Anon.</i>										
22	...		12	28.60	5		47	2.4	R	Feb. 23	7.7	7	26	16.91	...	142	6	54.2	R	
28	...		12	28.66	...		47	5.7	R	266 <i>66 Geminorum α², Castor.</i>										
Mar. 2	...		12	28.61 ³	...		47	2.4	R	Jan. 26	...	7	26	25.88	...	57	50	1.7	M	
4	...		12	28.66 ³	...		47	4.6	R	27	...		26	25.77	...		50	1.2	M	
255 <i>Anon.</i>										267 <i>66 Geminorum α², Castor.</i>										
Feb. 21	9.0	7	14	48.88	...	188	50	27.8	R	30	...		26	25.86	...		50	0.2	M	
256 <i>Taylor 3005.</i>										268 <i>66 Geminorum α², Castor.</i>										
Feb. 23	8.2	7	15	36.65	...	149	1	48.6	R	Feb. 12	...		26	25.91 ³⁸	...		50	1.3	R	25.85
257 <i>Lalande 14397.</i>										269 <i>66 Geminorum α², Castor.</i>										
Jan. 31	7.8	7	19	18.22	...	41	49	16.6	M	13	...		26	25.96 ⁷⁷	...		50	1.4	R	79
Feb. 1	7.7		19	18.48	...		49	17.6	M	15	...		26	25.88 ⁶	6		50	0.3	R	86
8	7.7		19	18.88	4		49	17.5	M	16	...		26	25.91 ⁶	...		50	0.9	R	92
										17	...		26	25.86	...		50	1.6	R	
										19	...		26	25.81	...		50	2.0	R	

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
267 69 Geminorum <i>v</i>									276 Anon.										
Jan. 23	...	7	28	2.06	...	62	40	21.2	M	Feb. 3	7.9	7	35	39.71	...	144	20	46.6	M
24	...	28	1.93	...	...	40	22.7	M	Mar. 8	8.8	35	40.67	...	...	20	47.9	R		
268 Anon.									277 Taylor 3195.										
Feb. 22	10.2	7	30	41.94	2	158	43	16.9	R	Feb. 29	8.7	7	36	40.14	...	150	20	11.2	R
Mar. 4	10.5	30	41.72	3	...	43	21.8	R											
269 Anon.									278 77 Geminorum <i>κ</i>										
Mar. 16	8.0	7	30	53.13	...	121	55	23.4	M	Jan. 23	...	7	36	43.15	...	65	17	51.0	M
270 Taylor 3133.									279 Anon.										
Jan. 29	6.7	6	31	37.86	...	62	29	23.7	M	Feb. 2	7.8	7	37	3.47	6	130	52	2.3	M
Mar. 12	6.0	31	37.61	6	...	29	24.3	M											
271 74 Geminorum <i>f</i>									280 78 Geminorum <i>β</i> , Pollux.										
Feb. 14	7.0	7	32	5.08	...	72	2	11.9	R	Jan. 30	...	7	37	28.91	...	61	40	2.3	M
Mar. 21	6.0	32	5.04	...	...	2	10.7	M	Feb. 6	...	37	28.79	...	...	40	2.6	M		
272 Anon.									281 Anon.										
Feb. 1	9.0	7	32	10.63	...	129	44	58.1	M	Mar. 11	8.0	7	38	3.33	...	128	53	59.2	M
273 10 Canis Minoris <i>α</i> , Procyon.									282 Anon.										
Jan. 26	...	7	32	36.05	...	84	26	57.2	M	Mar. 5	9.0	7	41	24.91	...	151	35	39.7	R
27	...	32	36.04	...	...	26	56.2	M	21	8.1	41	24.05	5	...	35	39.4	M		
30	...	32	36.05	...	...	26	55.7	M											
Feb. 13	...	32	36.04	...	...	26	57.8	R											
17	...	32	35.99	...	...	26	57.8	R											
21	...	32	36.04	...	...	26	58.1	R											
274 Anon.									283 Anon.										
Jan. 31	7.6	7	32	35.92	...	129	54	19.6	M	Mar. 8	8.7	7	41	43.38	...	144	19	50.1	R
Mar. 9	7.6	32	36.24	6	...	54	20.1	M	13	8.5	41	43.46	...	...	19	49.5	M		
275 Lacaille 2893.									284 Anon.										
Mar. 5	7.7	7	33	1.76	...	121	50	30.8	R	Mar. 4	9.0	7	42	9.46	5	153	5	30.4	R

42.08

36.08

36.07
36.32

1.93

25.82

3.37

25.29

43.48

9.75

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
235 Lacaille 3013.									296 Anon.										
Feb. 1	7.6	7	48	41.10	...	142	1	55.2	M	Feb. 8	8.3	7	52	9.85	6	148	23	39.8	M
Mar. 12	7.5		48	41.48	...			1	53.8	M									
236 Lacaille 3034.									297 Anon.										
Mar. 22	8.0	7	44	9.45	5	153	52	49.7	M	Mar. 18	8.4	7	52	34.90	5	151	31	57.5	M
237 Anon.									298 6 Cancri.										
Feb. 28	...	7	45	28.61	6	129	26	5.5	R	Feb. 1	...	7	55	39.07	...	61	50	58.7	M
238 Anon.									Feb. 2	...		55	39.44	...		50	57.4	M	
Feb. 29	8.7	7	45	37.23	...	129	28	5.1	R	9	...		55	39.18	...		50	57.4	R
Mar. 1	8.9		45	37.19	...		28	5.5	R	10	...		55	39.26	...		50	58.4	R
239 Anon.									16	...		55	39.20	...		50	58.0	R	
Feb. 2	7.6	7	46	19.40	5	132	81	16.8	M	21	...		55	39.08	...		50	57.7	R
23	7.8		46	19.54	...		81	16.9	R	22	...		55	39.26	...		50	58.3	R
290 Anon.									23	...		55	39.18	...		50	58.5	R	
Jan. 31	8.7	7	46	40.93	...	144	23	40.1	M	Mar. 1	...		55	39.12	...		50	57.4	R
291 Anon.									4	...		55	39.23	...		50	56.8	R	
Mar. 5	9.7	7	48	57.17	...	67	47	20.2	R	5	...		55	39.26	...		50	56.5	R
7	9.6		48	57.11	...		47	23.7	R	6	...		55	39.19	...		50	58.6	R
292 Anon.									14	...		55	39.24	...		50	57.7	M	
Mar. 4	9.0	7	43	59.23	6	129	56	4.2	R	299 Taylor 3380.									
293 Anon.									Feb. 29	8.0	7	55	59.52	...	144	11	55.2	R	
Feb. 6	7.2	7	49	35.63	5	152	36	9.4	M	Mar. 9	8.0		55	59.53	...		11	52.7	M
294 Anon.									12	8.0		55	59.81	...		11	58.5	M	
Mar. 11	8.7	7	49	58.62	...	130	31	23.6	M	300 Anon.									
295 Taylor 3339.									Mar. 19	9.4	7	56	48.32	...	129	22	37.5	M	
Mar. 8	8.0	7	52	1.57	...	144	18	11.5	R	301 12 Cancri.									
16	7.8		52	1.72	...		18	12.0	M	Feb. 7	6.3	8	1	33.14	...	75	59	20.1	M
302 W. B. N. VII. 1684.									Mar. 11	6.3		1	33.14	...		59	20.1	M	
Mar. 8	9.0	8	1	52.02	...	69	30	36.6	R	21	6.1		1	33.05	...		59	19.4	M
13	9.0		1	51.90	...		30	35.5	M	302 W. B. N. VII. 1684.									

16
06

59.47

58.66

39.19

39.23
23
17

59.64

35.12

52.01

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
303 15 Argus.										312 Anon.									
Jan. 31	...	8	2	5'47	...	113	56	13'1	M	Feb. 6	9'0	8	11	29'01	...	152	5	58'0	M
Feb. 2	...		2	5'31	...		56	13'1	M	313 Bonn + 28°. 1585—2nd.									
5	...		2	5'45	4		56	14'2	M	Mar. 5	9'5	8	12	13'55 ²	...	61	7	51'7	R
12	...		2	5'58 ⁷	...		56	13'9	R	6	9'5		12	13'38 ³	...		7	52'5	R
20	...		2	5'61	...		56	14'7	R	314 19 Cancri λ									
21	...		2	5'72	...		56	12'9	R	Mar. 21	6'0	8	12	55'23	...	65	34	35'9	M
22	...		2	5'58	...		56	14'3	R	315 Anon.									
28	...		2	5'05	...		56	13'6	R	Mar. 13	8'8	8	12	59'06 ⁹⁻⁰	5	130	29	48'1	M
Mar. 14	...		2	5'45	...		56	12'6	M	14	9'0		12	58'02	4		29	50'0	M
15	...		2	5'48	...		56	13'1	M	23	8'8		12	58'08	5		29	49'4	M
16	...		2	5'43	...		56	12'4	M	316 Anon.									
23	...		2	5'08	...		56	12'5	M	Mar. 11	9'0	8	12	59'05 ⁹	...	130	86	44'1	M
304 14 Cancri ψ ^a										19	8'8		12	59'07	5		86	43'5	M
Mar. 20	4'5	8	2	44'15	4	64	6	24'6	M	317 Anon.									
305 Anon.										Mar. 20	9'7	8	18	55'29	...	151	2	14'5	M
Feb. 1	8'3	8	5	35'88	...	130	46	46'4	M	318 Taylor 3599.									
306 Anon.										Feb. 2	7'0	8	20	28'91	...	144	54	18'5	M
Mar. 1	9'8	8	5	46'79	...	77	33	57'1	R	319 Anon.									
307 Anon.										Feb. 20	8'4	8	21	11'41	...	153	19	39'9	R
Feb. 3	9'1	8	5	53'02	6	77	26	22'0	M	Mar. 1	8'2		21	11'42	5		19	40'2	R
308 Anon.										7	8'7		21	11'44	...		19	41'4	R
Feb. 29	9'3	8	5	54'40	...	128	40	11'4	R	320 Taylor 3607.									
309 Anon.										Feb. 3	6'0	8	21	27'39	6	144	56	57'1	M
Mar. 12	9'4	8	9	34'21	...	77	28	55'5	M	321 Anon.									
310 Anon.										Feb. 7	8'2	8	21	47'15	...	131	43	8'7	M
Mar. 22	9'8	8	10	14'34	...	150	48	9'1	M										
311 W. B. N. VIII. 178.																			
Mar. 16	9'4	8	10	22'70	...	74	17	39'8	M										

576

53
33

5907

1136

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
322 Taylor 3620.										329 Anon.									
Feb. 6	7.8	8	28	27.87	...	130	49	18.8	M	Mar. 13	9.1	8	26	42.68	...	130	32	4.9	M
323 Anon.										330 W. B. N. VIII. 699.									
Feb. 21	7.8	8	23	32.29	5	144	56	29.9	R	Mar. 1	8.0	8	29	58.57	...	70	41	16.7	R
324 31 Cancri θ										331 Anon.									
Mar. 9	6.0	8	24	17.71	...	71	28	30.4	M	Feb. 7	9.3	8	31	30.08	5	129	47	5.1	M
14	6.0	24	17.37	...	28	30.4	M			332 43 Cancri γ									
21	6.0	24	17.79	...	28	29.7	M			Jan. 24	4.9	8	35	52.51	...	68	4	23.6	M
325 33 Cancri η										333 45 Cancri A¹									
Jan. 24	...	8	25	18.20	...	69	7	35.5	M	Mar. 14	6.0	8	36	8.90	...	76	51	48.7	M
25	...	25	18.18	...	7	34.1	M			15	6.0	36	9.00	...	51	48.1	M		
31	...	25	18.32	...	7	33.4	M			334 S Cancri Var. 2.									
Feb. 1	...	25	18.26	...	7	34.0	M			Mar. 16	8.0	8	36	37.27	...	70	30	26.8	M
5	...	25	18.23	...	7	33.9	M			18	8.0	36	37.44	...	80	27.3	M		
12	...	25	18.13	...	7	35.0	R			335 Anon.									
19	...	25	18.28	...	7	33.2	R			Mar. 8	9.0	8	37	32.12	5	186	10	18.7	R
20	...	25	18.20	...	7	34.1	R			336 Anon.									
Mar. 6	...	25	18.23	...	7	33.2	R			Mar. 8	7.8	8	38	6.43	4	136	7	16.3	R
8	...	25	18.23	...	7	33.4	R			337 W. B. E. VIII. 991.									
15	...	25	18.26	...	7	33.6	M			Mar. 11	9.3	8	39	17.17	...	81	43	55.1	M
16	...	25	18.27	...	7	32.5	M			338 50 Cancri A²									
18	...	25	18.30	...	7	34.8	M			Mar. 12	6.2	8	39	55.01	...	77	25	20.0	M
22	...	25	18.22	...	7	34.0	M			13	6.0	39	54.96	...	25	19.9	M		
326 Taylor 3652.										339 32.24									
Mar. 11	8.0	8	26	1.14	...	130	4	14.5	M	336 6.65									
327 Lacaille 3393.										337 17.16									
Mar. 12	7.9	8	26	6.79	...	149	41	45.4	M	338									
328 Anon.										339									
Mar. 23	8.0	8	26	18.89	6	144	59	22.4	M	Mar. 12	6.2	8	39	55.01	...	77	25	20.0	M
										13	6.0	39	54.96	...	25	19.9	M		
										19	6.0	39	55.04	...	25	18.2	M		

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.								
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"									
339 <i>11 Hydrae ε</i>										346 <i>Anon.</i>																	
Jan. 31	...	8	39	59 ¹ 79	...	83	6	48.1	M	Apl. 1	9.6	8	48	25.61	6	186	26	59.4	M								
Feb. 12	...	39	59	71	...		6	48.6	R	347 <i>Taylor 3886.</i>																	
13	...	39	59	75	...		6	48.8	R	Feb. 5	7.9	8	48	30.14	...	186	54	41.8	M								
19	...	39	59	75	...		6	48.5	R	348 <i>Anon.</i>																	
23	...	39	59	60	...		6	48.4	R	Feb. 28	8.5	8	49	1.92	...	183	2	56.4	R								
24	...	39	59	78	...		6	50.7	R	349 <i>Anon.</i>																	
26	...	39	59	75	...		6	49.5	R	Mar. 8	9.0	8	49	25.67 ²⁸	...	183	29	16.1	R								
29	...	39	59	69	...		6	47.7	R	11	9.0	49	25.72 ²⁷	4		29	18.1	M									
Mar. 1	...	39	59	79	...		6	48.6	R	350 <i>W. B. E. VIII. 1302.</i>																	
5	...	39	59	75	...		6	48.7	R	Mar. 7	9.3	8	51	12.64 ²	...	98	55	37.0	R								
6	...	39	59	75	...		6	48.3	R	351 <i>Anon.</i>																	
7	...	39	59	74	...		6	49.0	R	Mar. 6	9.7	8	51	22.12 ²⁰	...	98	86	57.6	R								
21	...	39	59	70	...		6	46.6	M	352 <i>65 Caneri α</i>																	
340 <i>Anon.</i>										Jan. 27	...	8	51	29.11	...	77	38	54.8	M								
Mar. 20	7.9	8	41	13.45	...	147	18	27.6	M	Feb. 3	...	51	28.91	...	38	54.8	M										
341 <i>Lacaille 3534.</i>										24	4.6	51	29.06	...	38	55.8	R	353 <i>Anon.</i>									
Mar. 22	7.9	8	42	35.07	...	129	19	51.4	M	Mar. 20	9.5	8	51	34.11	5	147	16	29.0 ³	M								
23	7.9	42	35.28	...	19	51.2	M	354 <i>Anon.</i>																			
342 <i>f Velorum.</i>										Mar. 23	9.5	8	54	24.38	5	142	48	0.2	M								
Feb. 2	6.9	8	46	12.97	...	136	3	6.2	M	355 <i>69 Caneri ν</i>																	
7	7.0	46	13.17	...	3	7.8	M	Feb. 22	...	8	55	15.18	...	65	2	48.4	R										
343 <i>Anon.</i>										Mar. 19	6.0	55	15.30	...	2	41.7	M	356 <i>Anon.</i>									
Mar. 9	8.1	8	47	12.22 ¹²	6	136	7	50.7	M	Mar. 22	8.3	8	57	7.46	...	146	36	28.5	M								
14	8.9	47	12.15	...	7	50.3	M	357 <i>Anon.</i>																			
344 <i>Anon.</i>										358 <i>Anon.</i>																	
Mar. 13	9.3	8	47	50.00	5	69	38	59.1	M	359 <i>Anon.</i>																	
15	9.3	47	49.92	...	38	58.3	M	360 <i>Anon.</i>																			
345 <i>R. P. L. 60.</i>										361 <i>Anon.</i>																	
Feb. 13	...	8	48	18.60 ^{11.87}	3	5	18	41.4	R	362 <i>Anon.</i>																	
21	...	48	18.94 ^{12.35}	3		18	41.1	R	363 <i>Anon.</i>																		
Mar. 5	...	48	18.23 ^{13.35}	3		18	41.1	R	364 <i>Anon.</i>																		
12	...	48	18.54	3		18	41.0	M	365 <i>Anon.</i>																		
Apl. 4	...	48	14.13	2		18	39.3	M	366 <i>Anon.</i>																		

54.72
78

59.78
78
64

25.78
77

12.62

22.20

12.32

12.30

11.87

13.35

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
357 <i>77 Cancri</i> ζ									365 <i>Anon.</i>										
Jan. 25	...	9	1	59 ²⁰ 71	...	67	26	18 ⁹	M	Feb. 17	10 ⁴	9	13	22 ⁰⁷	4	70	34	11 ⁷	R
358 <i>Anon.</i>									366 <i>ι Argus.</i>										
Mar. 8	9 ⁰	9	6	47 ²⁰ 67	...	188	49	27 ⁴	R	Feb. 9	...	9	13	39 ⁸²	...	148	44	22 ⁴	R
359 <i>Anon.</i>									367 <i>Anon.</i>										
Mar. 2	10 ⁰	9	7	52 ⁵⁷ 81	5	124	49	8 ²	R	Mar. 14	8 ⁰	9	15	30 ³⁵	...	143	50	48 ²	M
4	10 ²		7	52 ³⁴ 21	6		49	7 ⁹	R	368 <i>Anon.</i>									
360 <i>82 Cancri</i> π^a									369 <i>Anon.</i>										
Jan. 27	7 ²	9	8	9 ⁶¹	...	74	81	45 ⁸	M	Mar. 23	9 ⁵	9	16	51 ²⁹	5	124	49	34 ⁷	M
Feb. 24	6 ⁰		8	9 ⁷¹	...		81	47 ⁴	R	Apl. 1	9 ³		16	51 ²⁷	...		49	34 ⁹	M
26	6 ⁵		8	9 ⁶⁴	...		81	47 ⁸	R	370 <i>Anon.</i>									
28	...		8	9 ⁹⁵	...		81	46 ⁸	R	Feb. 20	7 ⁷	9	19	23 ²⁸	5	70	23	20 ¹	R
361 <i>Lalande 18251.</i>									371 <i>Anon.</i>										
Mar. 19	8 ⁰	9	8	48 ⁸²	5	74	27	36 ⁶	M	Feb. 26	9 ⁵	9	19	33 ²³	5	150	32	39 ⁹	R
362 <i>Anon.</i>									372 <i>Anon.</i>										
Mar. 15	9 ⁰	9	9	29 ⁷⁶	5	150	33	44 ⁸	M	Mar. 22	7 ³	9	19	55 ⁵⁶	...	75	8	32 ⁹	M
16	9 ⁰		9	29 ⁸⁵	...		33	45 ⁷	M	373 <i>Anon.</i>									
363 <i>Lacaille 3761.</i>									374 <i>Anon.</i>										
Mar. 18	7 ⁰	9	9	41 ⁹⁷	6	150	23	24 ³	M	Mar. 2	8 ⁸	9	20	3 ⁶³ 59	5	125	23	13 ⁷	R
364 <i>83 Cancri.</i>									375 <i>30 Hydræ α, Var. 2</i>										
Feb. 3	...	9	11	50 ²⁴	...	71	45	12 ⁹	M	Feb. 3	...	9	21	17 ⁸⁸	...	98	6	18 ⁶	M
5	...		11	50 ⁰¹	...		45	14 ²	M	5	...		21	17 ⁸⁸	...		6	18 ⁴	M
6	...		11	50 ⁰⁶	...		45	14 ⁸	M	6	...		21	17 ⁸⁵	...		6	18 ⁷	M
7	...		11	50 ¹⁴	...		45	13 ⁵	M										
Mar. 5	...		11	49 ⁹⁸	...		45	13 ⁴	R										
11	...		11	50 ¹⁵	...		45	14 ⁵	M										
Apl. 4	...		11	50 ¹⁰	...		45	12 ⁹	M										
5	...		11	50 ¹⁰	...		45	12 ⁶	M										
6	...		11	50 ¹¹	...		45	10 ⁸	M										

47-20

52-35
34

3-63

49-19

47-18

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.							
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"								
Feb. 7	...	9	21	17 80	...	98	6	18 2	M	386	10 Leonis.															
23	...		21	17 78	...		6	20 5	R		Mar. 21	5 7	9	30	26 90	5	82	35	30 6	M						
24	...		21	17 82	...		6	20 6	R			387	R. P. L. 69.													
29	...		21	17 85	...		6	18 6	R				Feb. 6	...	9	35	26 70	2	2	48	56 4	M				
Mar. 4	...		21	17 72	...		6	19 2	R	Mar. 16	...		35	26 54	1		48	56 7	M							
7	...		21	17 84	...		6	19 2	R	376 <i>Lalande</i> 18636.																
13	...		21	17 85	...		6	18 2	M																	
377 <i>Lalande</i> 18659.									388 <i>Anon.</i>																	
Mar. 16 | 8 7 | 9 22 8 43 | 6 | 68 31 42 4 | M									Mar. 23 | 8 0 | 9 35 46 69 | 5 | 151 58 30 3 | M																	
Apl. 3 | 8 2 | 9 23 4 79 | 5 | 67 51 31 9 | M									389 16 Leonis ν																	
378 <i>Anon.</i>									Mar. 19 | ... | 9 36 45 60 | ... | 75 23 38 6 | M																	
Apl. 6 | 7 2 | 9 23 7 57 | 6 | 67 37 35 5 | M									Apl. 5 | 6 0 | 36 45 52 | ... | 23 38 9 | M																	
379 <i>Lalande</i> 18683.									390 <i>Anon.</i>																	
Apl. 8 | 9 3 | 9 23 44 84 | ... | 68 8 53 7 | R									Feb. 21 | 9 8 | 9 37 2 33 | ... | 151 55 59 7 | R																	
380 <i>Anon.</i>									23 | 9 8 | 37 2 25 | 5 | 56 1 0 | R																	
Apl. 9 | 9 5 | 9 21 27 76 | 5 | 158 42 50 9 | R									Mar. 30 | ... | 37 2 24 | 5 | 56 0 5 | R																	
381 <i>Anon.</i>									391 <i>Anon.</i>																	
Mar. 25 | 9 0 | 9 24 51 59 | ... | 130 28 14 1 | M									Feb. 26 | 7 0 | 9 37 9 39 | 5 | 148 27 34 9 | R																	
382 <i>Lacaille</i> 3887.									Mar. 18 | 7 6 | 37 9 26 | ... | 27 33 9 | M																	
Mar. 15 | 7 9 | 9 25 11 78 | 4 | 140 2 37 2 | M									392 <i>Anon.</i>																	
383 <i>Anon.</i>									Mar. 9 | 8 0 | 9 37 19 59 | 6 | 148 33 26 8 | M																	
Mar. 14 | 9 0 | 9 28 31 17 | ... | 146 34 4 6 | M									22 | 8 0 | 37 19 25 | ... | 33 28 2 | M																	
384 <i>Anon.</i>									393 17 Leonis ϵ																	
Jan. 27 | 8 3 | 9 28 43 19 | ... | 144 1 47 0 | M									Feb. 3 | ... | 9 38 34 90 | ... | 65 38 15 1 | M																	
Feb. 16 | 9 8 | 28 43 22 | 6 | 1 49 7 | R									16 | ... | 38 34 82 | ... | 38 14 9 | M																	
385 <i>Anon.</i>									Mar. 12 | ... | 38 34 73 | ... | 38 15 8 | M																	
Mar. 20 | 9 3 | 9 29 47 10 | ... | 146 35 41 9 | M									Apl. 4 | ... | 38 34 95 | 4 | 38 12 0 | M																	
									8 | ... | 38 34 89 | ... | 38 14 8 | R																	
									13 | ... | 38 34 87 | ... | 38 15 8 | R																	
									394 <i>Bonn</i> + 7°. 2181.																	
									Feb. 19 | 5 7 | 9 39 24 63 | ... | 82 42 7 2 | R																	
									24 | 6 5 | 39 24 66 | ... | 42 8 3 | R																	

17-71

17-84

43-32

24-58

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
395 <i>18 Leonis.</i>									405 <i>Anon.</i>										
Apl. 9	...	9	39	29.37	...	77	36	5.4	R	Mar. 6	9.7	9	48	47.86	...	152	9	55.1	R
10	...		39	29.44	...		36	5.4	R	Apl. 16	9.8		48	47.66	...		9	55.7	R
15	6.0		39	29.52	4		36	4.9	R	406 <i>Anon.</i>									
396 <i>Anon.</i>									Apl. 8 | 9.8 | 9 52 42.36 | 4 | 72 3 56.5 | R										
Jan. 27	8.0	9	39	53.81	...	148	35	54.7	M	407 <i>Anon.</i>									
Apl. 3	7.9		39	53.75	5		35	53.7	M	Feb. 29 | 9.0 | 9 53 2.37 | 5 | 129 42 57.1 | R									
397 <i>l Carinae, Var. 1.</i>									408 <i>22 Leonis π</i>										
Feb. 28	...	9	41	43.84	...	151	55	6.9	R	Feb. 8	...	9	53	26.71	6	81	20	35.3	R
Mar. 25	5.7		41	43.87	5		55	8.7	M	24	...		53	26.80	...		20	37.1	R
398 <i>Taylor 4337.</i>									Mar. 1 | ... | 53 26.98 | ... | 20 34.0 | R										
Mar. 21	7.0	9	42	6.16	...	148	27	29.8	M	2	...		53	26.89	...		20	34.7	R
399 <i>Anon.</i>									4 | ... | 53 26.98 | ... | 20 34.3 | R										
Apl. 20	8.0	9	42	9.27	...	180	51	33.4	R	7	...		53	26.94	...		20	33.7	R
400 <i>Anon.</i>									8 | ... | 53 26.88 | ... | 20 33.7 | R										
Apl. 11	8.5	9	43	1.57	5	130	50	3.6	R	9	...		53	26.91	...		20	35.0	M
401 <i>Lalande 19286.</i>									11 | ... | 53 26.98 | ... | 20 34.5 | M										
Feb. 22	8.0	9	43	39.68	...	89	18	2.8	R	12	...		53	27.18	...		20	34.3	M
Apl. 1	9.4		43	39.62	...		18	0.4	M	21	...		53	26.93	...		20	33.9	M
402 <i>Anon.</i>									22 | ... | 53 26.92 | ... | 20 35.1 | M										
Apl. 6	8.2	9	43	50.68	4	138	48	7.9	M	25	...		53	26.93	...		20	33.8	M
403 <i>Anon.</i>									Apl. 15 | ... | 53 26.96 | ... | 20 36.6 | R										
Mar. 2	9.0	9	46	15.89	...	129	5	7.8	R	20	...		53	26.94	...		20	34.0	R
404 <i>Anon.</i>									409 <i>Anon.</i>										
Apl. 9	10.2	9	47	34.56	6	75	35	44.2	R	Apl. 9 | 10.2 | 9 55 34.12 | ... | 72 20 17.0 | R									
10	10.0		47	34.71	...		35	43.1	R	410 <i>Taylor 4444.</i>									
405 <i>Anon.</i>									Feb. 22 | ... | 9 55 40.58 | 5 | 67 26 5.8 | R										
Apl. 3	8.0	9	56	43.15	...	144	6	9.8	M	28 | ... | 55 40.53 | ... | 26 6.5 | R									
406 <i>Anon.</i>									411 <i>Anon.</i>										
407 <i>Anon.</i>									Apl. 10 | 10.3 | 9 56 18.80 | 5 | 129 59 42.9 | R										
408 <i>22 Leonis π</i>									412 <i>Anon.</i>										
409 <i>Anon.</i>									Apl. 3 | 8.0 | 9 56 43.15 | ... | 144 6 9.8 | M										

47.47

26.96
92
62

26.94

15.94

32
32

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
413 W. B. N. IX. 1189.									Mar. 30	...	10	1	38-28	...	77	24	29-7	R	
Apl. 11	9-7	9	56	58-66	...	73	9	58-9	R	Apl. 1	...	1	38-19	...	24	30-8	M		
414 Anon.									5	...	1	33-20	...	24	29-5	M			
Feb. 26	9-0	9	58	4-63	5	145	35	20-9	R	15	...	1	38-19	...	24	32-2	R		
Mar. 13	9-0		58	4-56	...		35	21-0	M	20	...	1	38-22	...	24	29-9	R		
415 Taylor 4476.									423 Anon.										
Mar. 6	7-8	9	58	7-87 ^{3/2}	5	145	38	22-1	R	Mar. 4	9-0	10	2	21-59 ⁷²	5	129	58	46-5	R
416 W. B. N. IX. 1230.									Apl. 9	8-8		2	21-68	5		58	44-8	R	
Apl. 18	...	9	58	18-87	...	72	54	40-7	R	424 Anon.									
417 Anon.									Mar. 25	9-4	10	2	40-63	6	123	29	43-8	M	
Apl. 4	9-0	9	58	26-35	6	143	56	28-6	M	425 Anon.									
418 Anon.									Mar. 4	9-5	10	3	6-79 ⁷²	5	129	59	57-5	R	
Mar. 15	8-8	9	58	41-10	4	150	41	18-6	M	Apl. 9	9-2		3	6-79	4		59	55-9	R
419 Anon.									426 33 Leonis.										
Apl. 6	9-1	9	59	47-87	...	86	32	38-1	M	Apl. 8	8-0	10	3	47-33	5	73	39	55-6	R
16	9-5		59	47-61	...		32	40-9	R	427 Anon.									
420 Anon.									Mar. 7	9-3	10	4	46-66 ³³	6	122	56	21-7	R	
Apl. 13	10-0	10	0	19-41	...	86	24	36-0	R	Apl. 10	9-0		4	46-89	...		56	21-9	R
421 30 Leonis η									428 Anon.										
Jan. 26	...	10	0	21-17	4	72	36	52-0	M	Apl. 3	9-4	10	4	54-55	5	123	31	12-8	M
27	...		0	21-04	5		36	52-4	M	429 Taylor 4552.									
422 32 Leonis α, Regulus.									Mar. 9	7-2	10	7	19-64 ¹⁸	6	147	25	46-4	M	
Feb. 8	...	10	1	38-20	...	77	24	31-3	R	430 Anon.									
Mar. 8	...		1	38-24	...		24	29-3	R	Feb. 26	8-6	10	8	18-22 ⁶	5	139	58	38-8	R
11	...		1	38-06	...		24	29-3	M	Mar. 6	7-5		8	18-40	4		58	40-0	R
12	...		1	38-28	...		24	29-3	M	431 Anon.									
22	...		1	38-12	...		24	30-0	M	Mar. 14	9-0	10	10	8-90	...	145	36	45-6	M
26	...		1	38-13	...		24	28-2	M										

8-12

6-92

46-93

19-18

18-62

33-24
33-07

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
432 R. P. L. 72—s.p.									438 Anon.											
Sep. 3	...	10	10	39.21	3	5	6	8.9	M	Mar. 15	9.4	10	20	30.30	...	146	14	14.4	M	
11	...	10	39	34	2	6	1.2	M	16	9.3	20	30	50	5	14	14.4	M			
433 41 Leonis γ^1									Apl. 10 9.2 20 30.70 5 14 13.6 R											
Jan. 26	...	10	12	54.77	...	69	30	45.7	M	11	10.2	20	30	42	...	14	12.9	R		
Mar. 11	...	12	54	72	6	30	44.3	M	13	9.8	20	30	45	...	14	13.5	R			
12	...	12	54	60	...	30	43.9	M	439 Taylor 4682.											
13	...	12	54	69	...	30	44.4	M	Feb. 28	7.0	10	21	58.13	...	75	0	13.4	R		
16	...	12	54	73	...	30	44.8	M	440 Anon.											
18	...	12	54	94	...	30	44.4	M	Mar. 5	9.3	10	24	43.49	4	147	1	21.8	R		
19	...	12	54	77	...	30	44.8	M	441 Anon.											
20	...	12	54	77	...	30	44.2	M	Mar. 6	8.0	10	25	6.69	...	125	36	20.8	R		
Apl. 1	...	12	54	70	...	30	44.1	M	442 Lalande 20402.											
4	...	12	54	72	...	30	44.5	M	Mar. 8	8.0	10	25	24.03	...	79	55	13.0	R		
5	...	12	54	61	...	30	44.2	M	443 Anon.											
6	...	12	54	05	...	30	43.3	M	Mar. 18	8.0	10	25	37.67	...	146	53	8.4	M		
10	...	12	54	70	...	30	43.3	R	19	8.0	25	37.81	...	53	8.6	M				
11	...	12	54	60	...	30	43.2	R	20	8.0	25	37.76	...	53	9.5	M				
12	...	12	54	75	...	30	44.2	R	Apl. 15	8.0	25	37.97	5	53	11.1	R				
13	...	12	54	74	...	30	44.8	R	444 Anon.											
15	...	12	54	68	...	30	43.9	R	Mar. 13	8.0	10	25	58.11	...	146	56	35.6	M		
434 Anon.									445 47 Leonis ρ											
12.10	Mar. 5	...	10	13	11.90 ^{12.10}	...	128	39	19.3	R	Feb. 26	...	20	26	4.21	...	80	2	9.1	R
435 44 Leonis.									Mar. 1	...	26	4.28	...	2	9.6	R				
Feb. 24	5.5	10	18	30.38	...	80	33	57.6	R	2	...	26	4.28	5	2	8.6	R			
26	6.0	18	30	40	...	33	55.9	R	9	...	26	4.17	...	2	9.3	M				
436 Anon.									21	...	26	4.28	...	2	7.9	M				
3.45	Mar. 2	9.8	10	19	3.37 ⁴⁵	5	146	10	54.0	R	Apl. 1	...	26	4.29	...	2	7.8	M		
437 Anon.									5	...	26	4.11	...	2	11.1	M				
Apl. 8	9.5	10	19	41.59	...	146	11	10.5	R	17	...	26	4.18	...	2	9.0	R			
9	9.8	19	41	47	...	11	8.5	R	19	...	26	4.28	...	2	7.5	R				
										22	...	26	4.20	...	2	8.1	R			

45.22

6.84

24.07

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
446		<i>p Carinae.</i>								Mar. 11	...	10	27	28 ³² ₆₆	...	151	1	37.6	M
												26-73							
447		<i>Anon.</i>								Apl. 20	10.0	10	28	20.17	...	131	44	3.4	R
448		<i>Anon.</i>								Apl. 13	9.5	10	28	22.28	...	150	52	24.7	R
										16	9.2		28	22.28	...	52	24.3	R	
449		<i>Anon.</i>								Apl. 10	9.8	10	29	30.83	3	147	57	4.9	R
										11	9.5		29	30.87	...	57	5.6	R	
450		<i>50 Leonis.</i>								Feb. 23	...	10	32	2.55	...	73	12	27.3	R
										24	...		32	2.40	...	12	28.0	R	
										Apl. 15	...		32	2.61	...	12	27.9	R	
451		<i>Anon.</i>								Mar. 8	9.2	10	35	42 ²⁴ ₇₂	5	137	22	2.9	R
452		<i>Anon.</i>								Mar. 12	9.4	10	36	49.75	...	150	49	48.0	M
										20	9.2		36	49.61	...	49	48.7	M	
453		<i>Anon.</i>								Mar. 23	8.9	10	37	47.56	...	151	31	50.5	M
454		<i>36 Sextantis.</i>								Mar. 21	6.0	10	38	33.66	...	86	50	23.7	M
										Apl. 12	...		38	33.76	...	50	24.0	R	
455		<i>Taylor 4850—2nd.</i>								Mar. 6	7.8	10	39	0 ¹⁹ ₆₂	...	148	52	37.9	R
										25	7.9		39	0.48	...	52	37.0	M	
										Apl. 4	8.0		39	0.77	...	52	38.8	M	
456		<i>Anon.</i>								Apl. 8	9.0	10	39	6.44	4	144	52	51.6	R
457		<i>Taylor 4852—1st.</i>								Apl. 9	9.0	12	39	10.44	4	148	54	15.8	R
										11	9.0		39	10.39	4	54	15.9	R	
										15	8.5		39	10.29	4	54	17.6	R	
458		<i>Taylor 4852—2nd.</i>								Apl. 11	9.2	10	39	12.22	4	148	54	20.3	R
										15	8.8		39	12.18	4	54	21.6	R	
										16	9.0		39	12.02	...	54	20.3	R	
459		<i>Anon.</i>								Apl. 13	8.8	10	39	21.54	...	148	36	43.6	R
460		<i>Brisbane 3194—2nd.</i>								Mar. 13	8.5	10	30	37.27	6	149	3	58.8	M
461		<i>Anon.</i>								Apl. 22	9.5	10	39	44.78	4	139	4	41.6	R
462		<i>Anon.</i>								Mar. 14	8.0	10	39	47.42	5	148	53	36.9	M
										15	8.2		39	47.34	...	53	37.7	M	
										16	7.8		39	47.35	6	53	36.6	M	
463		<i>η Argus, Var. 1.</i>								Feb. 26	7.0	10	40	5.89	...	149	0	44.7	R
										Mar. 1	...		40	5.96	...	0	44.4	R	
										7	...		40	5 ²⁸ ₇₉	...	0	44.7	R	
										Apl. 10	6.8		40	6.08	...	0	44.9	R	
464		<i>Taylor 4872.</i>								Apl. 20	8.0	10	41	23.07	...	151	16	7.5	R

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
465 <i>53 Leonis l</i>										474 <i>Anon.</i>									
Jan. 27	...	10	42	31.78	...	78	46	42.1	M	Mar. 20	9.2	10	52	16.03	...	143	48	4.1	M
Feb. 23	...		42	31.71	...		46	42.8	R	475 <i>Anon.</i>									
24	...		42	31.67	...		46	42.8	R	Mar. 25	9.0	10	52	39.49	...	143	38	50.7	M
Mar. 9	...		42	31.65	...		46	42.8	M	Apl. 13	8.0		52	39.47	...		38	51.4	R
18	...		42	31.60	...		46	43.9	M	476 <i>Anon.</i>									
26	...		42	31.66	...		46	42.5	M	Mar. 6	8.8	10	53	13.82	5	139	35	21.2	R
27	...		42	31.71	...		46	41.3	M	8	9.0		53	13.76	...		35	21.2	R
Apl. 3	...		42	31.68	...		46	41.3	M	477 <i>58 Leonis d</i>									
6	...		42	31.61	...		46	39.5	M	Mar. 13	...	10	53	57.14	...	85	41	45.0	M
17	...		42	31.61	...		46	41.2	R	478 <i>61 Leonis p^a</i>									
27	...		42	31.60	...		46	42.5	R	Mar. 13	...	10	55	17.98	...	91	47	46.2	M
466 <i>Lacaille 4502.</i>										15	...		55	17.84	...		47	46.0	M
Mar. 11	7.9	10	46	50.60	5	141	7	18.1	M	479 <i>50 Ursæ Majoris a</i>									
467 <i>Anon.</i>										Apl. 17	...	10	55	48.46	...	27	33	30.3	R
Mar. 22	9.2	10	47	18.28	...	141	47	22.6	M	480 <i>Anon.</i>									
468 <i>Anon.</i>										Mar. 19	8.0	10	55	57.54	...	149	19	20.3	M
Apl. 8	8.0	10	48	11.92	...	150	8	4.4	R	Apl. 11	9.0		55	57.54	...		19	22.5	R
469 <i>Anon.</i>										481 <i>Anon.</i>									
Apl. 16	9.7	10	48	15.74	...	147	44	37.1	R	Apl. 20	9.2	10	57	22.39	...	145	38	16.7	R
470 <i>Anon.</i>										482 <i>63 Leonis χ</i>									
Apl. 9	9.2	10	48	20.70	5	129	31	45.9	R	Feb. 26	...	10	58	24.81	...	81	58	21.7	R
471 <i>Anon.</i>										Mar. 30	...		58	24.54	...		58	20.1	R
Mar. 30	9.0	10	48	45.99	...	148	54	8.6	R	Apl. 8	...		58	24.79	...		58	20.7	R
Apl. 11	9.5		48	45.96	5		54	7.7	R	9	...		58	24.75	...		58	20.4	R
472 <i>55 Leonis.</i>										16	...		58	24.76	...		58	20.5	R
Apl. 12	...	10	49	7.32	...	88	34	54.5	R	18	...		58	24.74	...		58	20.8	R
26	...		49	7.43	4		34	49.9	R	23	...		58	24.75	...		58	20.3	R
473 <i>Anon.</i>										27	...		58	24.77	...		58	19.9	R
Mar. 7	9.0	10	50	36.27	4.3	144	33	5.0	R	May 3	...		58	24.77	...		58	20.3	R
12	9.0		50	36.61	6		33	4.3	M										

5065

36.43

14.72
13.90

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
483 65 Leonis p ⁴										494 68 Leonis δ									
Mar. 14	...	11	0	22 ³⁴	...	87	21	40	M	Mar. 25	...	11	7	17 ⁸⁷	...	68	46	32 ²	M
484 Lacaille 4612.										Mar. 26 ... 7 17 ⁹⁶ ... 46 32 ⁴ M									
Mar. 7	9 ⁰	11	1	13 ²¹	...	154	49	9 ⁷	R	Apl. 10	...	7	17 ⁸⁸	...	46	31 ⁸	R	R	R
8	9 ⁶	1	13 ²⁶	5	...	40	8 ⁸	R	11	...	7	17 ⁹²	...	46	31 ⁷	R	R	R	
485 Anon.										12 ... 7 17 ⁸⁹ ... 46 32 ⁴ R									
Apl. 23 8 ⁰ 11 1 22 ⁹⁶ ... 135 36 12 ¹ R										16 ... 7 17 ⁹² ... 46 31 ⁶ R									
486 Anon.										18 ... 7 17 ⁸⁹ ... 46 32 ⁵ R									
Apl. 13 8 ² 11 2 9 ²⁴ ... 149 16 19 ⁹ R										20 ... 7 17 ⁸³ ... 46 32 ⁵ R									
487 Anon.										23 ... 7 17 ⁹⁴ ... 46 31 ³ R									
Mar. 16 7 ⁸ 11 2 18 ⁰⁷ 6 148 58 46 ⁷ M										495 Taylor 6007.									
488 Lalande 21367.										Mar. 22 6 ⁰ 11 7 22 ⁷² ... 81 14 22 ⁰ M									
Mar. 11	8 ⁰	11	3	43 ⁹	...	78	8	22 ⁵	M	23	6 ²	7	22 ⁸⁸	...	14	21 ²	M	M	
489 Lalande 21371.										496 Anon.									
Mar. 13	7 ⁹	11	3	55 ⁷⁴	...	78	0	15 ⁷	M	Apl. 22 8 ⁰ 11 7 28 ²² 5 145 42 52 ⁰ R									
13	7 ⁸	3	55 ⁶¹	6	...	0	16 ²	M	497 73 Leonis η										
490 Taylor 5088.										Jan. 27 ... 11 9 9 ⁴⁵ 4 75 59 40 ⁸ M									
Mar. 18	7 ⁷	11	5	15 ⁵⁶	...	140	41	25 ⁸	M	498 12 Crateris δ									
491 Anon.										Mar. 13 ... 11 12 56 ⁵⁶ ... 104 5 11 ⁹ M									
Mar. 20	8 ⁰	11	6	9 ⁴¹	...	149	1	20 ⁸	M	23	...	12 56 ⁴⁹	...	5	10 ⁶	M	M		
21	8 ⁰	6	9 ⁵²	...	1	21 ²	M	M	25	...	12 56 ⁵¹	...	5	10 ⁵	M	M			
492 Taylor 5108.										30 ... 12 56 ⁶¹									
Apl. 17 ... 11 7 6 ⁹⁸ ... 140 37 20 ⁹ R										Apl. 1 ... 12 56 ⁵³									
493 69 Leonis p ⁵										11 ... 12 56 ⁶⁰									
Mar. 27	5 ⁸	11	7	12 ²⁵	5	89	22	25 ³	M	16	...	12 56 ⁵⁶	...	5	10 ⁸	R	R		
494 69 Leonis p ⁵										19 ... 12 56 ⁴⁶									
Mar. 27 5 ⁸ 11 7 12 ²⁵ 5 89 22 25 ³ M										Mny 3 ... 12 56 ⁵⁶ 4 5 11 ⁸ R									
495 79 Leonis.										8 ... 12 56 ⁵⁹									
Mar. 14 6 ⁰ 11 17 28 ⁰⁴ ... 87 53 24 ² M										499 78 Leonis ι									
27	6 ⁰	17	28 ⁰⁷	...	53	28 ⁸	M	M	Feb. 24 ... 11 17 15 ⁰⁵ ... 78 46 0 ¹ R										
496 79 Leonis.										Mar. 22 ... 17 15 ⁰³ ... 45 58 ⁹ M									
Mar. 14 6 ⁰ 11 17 28 ⁰⁴ ... 87 53 24 ² M										500 79 Leonis.									
27	6 ⁰	17	28 ⁰⁷	...	53	28 ⁸	M	M	Mar. 14 6 ⁰ 11 17 28 ⁰⁴ ... 87 53 24 ² M										

13-56
13-52
13-51
13-53

43-56

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
501	<i>Anon.</i>									Apl. 8	...	11 30 28.72	...	90 7 3.0	R				
Apl. 4	9.0	11 21 14.28	...	145 54 25.4	M	17	...	30 28.72	...	7 0.2	R								
16	9.0	21 14.67	5	54 24.0	R	18	...	30 28.76	5	7 3.2	R								
22	8.7	21 14.49	...	54 24.5	R	19	...	30 28.67	...	7 3.0	R								
502	<i>84 Leonis τ</i>									26	...	30 28.67	...	7 1.4	R				
Apl. 17	...	11 21 21.25	5	86 26 21.4	R	27	...	30 28.94	5	7 0.2	R								
503	<i>Lalande 21819.</i>									May. 3	...	30 28.64	5	7 3.0	R				
Mar. 13	7.9	11 21 22.16	...	86 27 52.8	M	8	...	30 28.69	...	7 2.5	M								
16	8.0	21 22.23	...	27 53.4	M	9	...	30 28.76	...	7 1.6	M								
18	8.0	21 22.23	4	27 53.0	M	510	<i>W. B. E. XI. 573.</i>												
504	<i>Lalande 21833.</i>									Mar. 27	8.0	11 33 54.23	...	84 9 3.2	M				
Mar. 18	7.9	11 21 51.62	4	86 30 36.7	M	May 10	8.0	33 54.20	...	9 3.2	M								
19	7.7	21 51.38	...	30 35.2	M	18	8.0	33 54.07	4	9 3.3	M								
Apl. 3	7.7	21 51.32	...	30 37.4	M	17	8.0	33 54.18	...	9 2.5	M								
505	<i>Anon.</i>									18	8.0	33 54.39	5	9 3.0	M				
Apl. 15	10.0	11 22 43.04	6	91 58 43.3	R	21	8.0	33 54.25	...	9 2.2	M								
506	<i>Anon.</i>									22	8.0	33 54.19	...	9 3.1	M				
Mar. 30	9.1	11 23 10.23	5	145 56 23.4	R	511	<i>W. B. E. XI. 582.</i>												
507	<i>Anon.</i>									Apl. 22	8.2	11 34 22.50	...	84 20 17.6	R				
Apl. 13	9.0	11 25 30.13	5	151 94 8.9	R	512	<i>2 Virginis ξ</i>												
508	<i>Anon.</i>									Feb. 24	...	11 38 41.16	...	81 1 52.3	R				
Apl. 13	9.5	11 27 13.69	6	151 33 38.1	R	May 9	...	38 41.18	6	1 49.0	M								
509	<i>91 Leonis ν</i>									513	<i>3 Virginis ν</i>								
Mar. 19	...	11 30 23.64	...	90 7 1.2	M	Mar. 23	5.0	11 39 16.78	...	82 45 13.1	M								
20	...	30 23.85	...	7 3.1	M	514	<i>4 Virginis A¹</i>												
22	...	30 23.71	...	7 4.1	M	Apl. 19	...	11 41 20.27	...	81 2 35.9	R								
25	...	30 23.69	...	7 2.4	M	20	...	41 20.38	...	2 35.6	R								
30	...	30 23.79	...	7 3.0	R	515	<i>94 Leonis β, Deneb.</i>												
Apl. 3	...	30 23.75	...	7 2.9	M	Mar. 13	...	11 42 31.74	...	74 42 44.3	M								
6	...	30 23.73	...	7 1.5	M	16	...	42 31.91	...	42 46.5	M								
						19	...	42 31.80	...	42 44.5	M								
						20	...	42 31.74	...	42 45.1	M								
						21	...	42 31.64	...	42 44.7	M								
						Apl. 12	...	42 31.79	...	42 45.5	R								

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.							
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"								
Apl. 22	...	11	42	31.72	...	74	42	45.1	R	523	<i>8 Virginis π</i>															
23	...	42	31.78	...	42	44.4	R																			
26	...	42	31.70	...	42	43.8	R	Mar. 23	5.0		11	54	18.95	...	82	40	19.9	M								
27	...	42	31.71	...	42	43.7	R	Apl. 19	...		54	18.79	...	40	17.5	R										
May 3	...	42	31.75	...	42	44.5	R	20	...		54	18.85	...	40	19.1	R										
6	...	42	31.68	...	42	44.7	R																			
8	...	42	31.76	...	42	44.8	M																			
11	...	42	31.80	...	42	45.2	M																			
20	...	42	31.80	...	42	44.8	M																			
516 <i>B. A. C.</i> 3996.									524 <i>Taylor</i> 6440.																	
Mar. 14	6.1	11	43	33.70	...	84	5	57.2	M	Apl. 27	...	11	58	9.87	...	85	42	48.7	R							
25	6.3	42	33.45	...	5	59.7	M			525 <i>R. P. L.</i> 89.																
Apl. 3	6.0	42	33.47	...	6	0.3	M			Mar. 21	...	11	58	16.24	3	3	42	18.3	M							
517 <i>W. B. E.</i> XI. 805.									<i>R. P. L.</i> 89—s.p.																	
Mar. 18	8.0	11	47	55.27	0	85	15	4.2	M	Oct. 21	...	11	58	16.95	3	3	42	12.5	R							
22	8.0	47	55.11	6	15	2.5	M			526 <i>Anon.</i>																
518 <i>Bonn</i> + 4°. 2543.									Mar. 27									8.8	12	1	32.22	...	150	24	8.8	M
Mar. 27	9.2	11	48	8.10	5	85	30	45.0	M	527 <i>W. B. E.</i> XII. 9.																
May 9	9.1	48	7.92	...	80	44.8	M			May 11	8.9	12	2	52.52	...	86	50	50.8	M							
10	9.1	48	8.20	...	30	45.7	M			13	9.0	2	52.47	...	50	51.7	M									
11	9.0	48	8.08	...	30	44.1	M			14	9.0	2	52.56	...	50	51.0	M									
13	9.0	48	8.12	...	30	44.1	M			15	9.0	2	52.47	...	50	50.6	M									
14	9.0	48	8.08	...	30	44.1	M			17	9.0	2	52.59	...	50	50.6	M									
17	9.0	48	8.13	...	30	44.0	M			528 <i>Lacaille</i> 5041.																
519 <i>Bonn</i> + 4°. 2550.									Mar. 30									7.8	12	2	57.52	5	141	25	53.6	M
May 7	10.2	11	50	57.53	5	85	21	57.5	R	529 <i>10 Virginis.</i>																
22	10.2	50	57.45	...	21	58.6	M			Feb. 26	...	12	3	7.65	...	87	22	59.5	R							
520 <i>Taylor</i> 6389.									530 <i>2 Corvi ε</i>																	
Apl. 1	7.4	11	51	40.35	...	85	48	18.3	M	Mar. 18	...	12	3	32.50	...	111	54	28.9	M							
521 <i>Anon.</i>									19									...	3	32.65	...	54	27.0	M		
Apl. 9	9.0	11	52	44.70	5	154	35	12.7	R	20	...	3	32.62	...	54	28.9	M									
522 <i>7 Virginis b</i>									28									...	3	32.68	...	54	28.8	M		
Apl. 8	5.7	11	53	28.51	...	85	37	54.5	M	Apl. 3	...	3	32.66	...	54	28.5	M									

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
Apl. 9	...	12	9	32.79	...	111	54	30.8	R	539	<i>Anon.</i>								
10	...	8	32.78	...	54	26.9	R												
May 8	...	8	32.71	...	54	28.6	R												
4	...	8	32.71	5	54	28.9	R												
8	...	8	32.61	...	54	29.0	M			May 6	8.5	12	18	18.54	108	33	47.2	R	
16	...	8	32.71	...	54	27.7	M			540	15 <i>Virginis</i> η								
531 <i>Anon.</i>									Mar. 15		...	12	18	21.45	...	89	57	19.6	M
May 6	8.9	12	4	14.95	5	145	58	59.8	R		Apl. 3	...	18	21.48	...	57	19.3	M	
7	9.0	4	14.94	...	58	59.8	R				9	...	18	21.48	...	57	20.2	R	
532 <i>Lalande</i> 22869.									10	...	18	21.55	5	57	18.5	R			
May 18	9.5	12	4	59.82	...	86	40	46.0	M	May 15	...	18	21.51	...	57	18.6	M		
25	9.6	4	59.87	...	40	46.5	M			17	...	18	21.44	...	57	18.4	M		
533 <i>Anon.</i>									541 16 <i>Virginis</i> ϵ										
Apl. 12	...	12	6	12.96	...	184	10	51.6	R	Feb. 26	...	12	18	50.89	...	85	58	28.2	R
534 <i>Anon.</i>									542 93 <i>R. P. L.</i> — <i>s.p.</i>										
May 21	8.7	12	6	21.21	...	150	21	46.5	M	Nov. 1	...	12	14	20.87	2	1	35	28.0	M
535 <i>W. B. L.</i> XII. 87.									543 <i>Lacaille</i> 5119.										
Apl. 1	7.5	12	7	28.49	5	87	1	38.5	M	Mar. 27	8.8	12	15	47.17	...	138	36	57.4	M
536 69 <i>Ursæ Majoris</i> δ									544 <i>W. B. E.</i> XII. 269.										
Apl. 26	...	12	8	4.88	5	32	15	20.7	R	May 13	7.9	12	18	8.04	...	87	54	26.4	M
537 <i>W. B. E.</i> XII. 174.									14	8.0	18	8.04	...	54	26.2	M			
May 9	8.0	12	12	28.05	...	88	7	28.8	M	15	8.0	18	7.97	6	54	26.2	M		
10	8.0	12	28.08	...	7	24.1	M			16	8.0	18	7.97	...	54	26.0	M		
11	8.0	12	27.90	...	7	28.8	M			17	8.0	18	8.04	6	54	26.6	M		
13	8.0	12	28.01	...	7	24.4	M			545 <i>Anon.</i>									
14	8.0	12	28.18	...	7	23.9	M			May 20	8.0	12	19	29.07	5	147	24	0.2	M
538 <i>R. P. L.</i> 92.									546 <i>a Crucis.</i>										
May 22	...	12	18	7.87	2	2	51	7.9	M	Apl. 12	...	12	19	29.40	...	152	23	25.3	R
539 <i>Taylor</i> 5710.									17	...	19	29.65	5	23	25.3	R			
May 25	7.0	12	20	27.88	...	147	36	31.1	M	547 <i>Taylor</i> 5710.									

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.									
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"										
548	<i>Anon.</i>																											
May 7	9.0	12	21	36.61	...	147	28	32.0	R	May 14	7.4	12	33	13.46	5	28	16	2.6	M									
9	9.0		21	36.51	4		28	32.7	M	15	7.5		33	13.50	...		16	1.7	M									
549	<i>Anon.</i>																											
Apl. 11	9.5	12	23	88.50	6	87	3	30.9	R	Apl. 20	...	12	35	10.33	...	90	44	47.9	R									
550	<i>Anon.</i>																											
Apl. 20	9.0	12	25	5.27	5	151	1	16.7	R	559	<i>28 Virginis.</i>																	
551	<i>Anon.</i>																											
Apl. 1	8.2	12	27	27.31	6	38	3	6.3	M	Apl. 15	...	12	35	20.74	...	96	47	47.5	R									
3	8.3		27	27.33	...		3	6.5	M	May 25	6.5		35	20.61	...		47	45.0	M									
552	<i>9 Corvi β</i>																											
Mar. 14	...	12	27	39.93	...	112	41	20.1	M	560	<i>S Ursæ Majoris, Var. 2.</i>																	
15	...		27	39.98	...		41	19.7	M	May 4	10.0	12	33	20.06	5	28	12	13.4	R									
27	...		27	39.92	...		41	18.3	M	561	<i>Anon.</i>																	
May 6	...		27	39.98	...		41	19.3	R	Apl. 11	9.7	12	33	31.33	...	96	15	12.7	R									
553	<i>Taylor 5785.</i>																											
May 10	7.0	12	23	13.33	...	151	2	6.2	M	May 9	9.2		33	31.63	...		15	13.9	M									
554	<i>Anon.</i>																											
May 18	8.5	12	23	15.39	5	141	42	34.8	M	11	9.1		33	31.70	...		15	14.3	M									
555	<i>Lalande 23532.</i>																											
Apl. 11	8.2	12	23	53.15	5	92	50	27.2	R	18	9.1		33	31.63	...		15	14.2	M									
13	8.3		23	53.26	...		50	23.1	R	14	9.1		33	31.65	5		15	13.9	M									
May 16	8.2		23	53.03	...		50	26.5	M	562	<i>35 Virginis.</i>																	
21	8.4		23	53.22	...		50	25.8	M	Apl. 20	...	12	41	20.42	...	85	43	40.6	R									
27	8.6		23	53.19	...		50	26.6	M	563	<i>Anon.</i>																	
556	<i>Anon.</i>																											
May 22	9.0	12	33	1.65	...	100	7	21.9	M	May 16	8.9	12	42	52.07	...	147	21	23.4	M									
557	<i>Anon.</i>																											
558	<i>29 Virginis γ¹, (North.)</i>																											
559	<i>28 Virginis.</i>																											
560	<i>S Ursæ Majoris, Var. 2.</i>																											
561	<i>Anon.</i>																											
562	<i>35 Virginis.</i>																											
563	<i>Anon.</i>																											
564	<i>Anon.</i>																											
565	<i>Anon.</i>																											
566	<i>U Virginis, Var. 3.</i>																											
Apl. 1	8.0	12	44	33.21	6	83	44	53.6	M	May 6	9.0	12	43	14.43	...	142	54	34.4	R									
May 20	9.1	12	43	13.22	4	139	27	56.5	M	565	<i>Anon.</i>																	
566	<i>U Virginis, Var. 3.</i>																											

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
567 <i>37 Virginis.</i>										575 <i>Anon.</i>									
May 21	6.0	12	45	5.92	...	86	14	49.7	M	Apl. 15	9.0	12	51	36.51	5	127	7	43.1	R
568 <i>Anon.</i>										576 <i>44 Virginis κ</i>									
Apl. 11	9.5	12	45	34.66	...	88	21	44.9	R	Feb. 26	...	12	53	3.98	...	93	7	17.0	R
569 <i>R. P. L. 99.</i>										577 <i>Anon.</i>									
Apl. 9	...	12	48	12.45	3	5	53	28.2	R	May 6	7.8	12	53	35.60	...	142	26	40.7	R
24	...	48	12.88	5		53	26.2	R	578 <i>Anon.</i>										
May 3	...	48	13.19	3		53	27.1	R	May 16	9.3	12	55	5.69	4	139	20	59.1	M	
9	...	48	13.90	2		53	28.2	M	579 <i>Anon.</i>										
17	...	48	13.51	3		53	26.9	M	Apl. 20	8.8	12	56	15.20	...	149	30	6.2	R	
June 1	...	48	13.32	3		53	27.6	M	580 <i>48 Virginis.</i>										
R. P. L. 99—s.p.										581 <i>Anon.</i>									
Nov. 5	...	12	48	12.71	3	5	53	22.3	M	Feb. 26	...	12	57	18.78	6	92	53	26.3	R
25	...	48	12.87	1		53	30.9	M	582 <i>50 Virginis.</i>										
570 <i>Anon.</i>										583 <i>51 Virginis θ</i>									
May 7	9.5	12	48	54.87	...	125	27	56.2	R	Mar. 27	...	13	3	19.29	...	94	51	18.3	M
571 <i>43 Virginis δ</i>										Apl. 13	...	3	19.53	...	51	18.4	R		
May 10	...	12	49	9.45	...	85	54	24.2	M	26	...	3	19.45	...	51	20.0	R		
27	...	49	9.38	...		54	23.4	M	May 7	...	3	19.43	...	51	19.1	R			
572 <i>Anon.</i>										9	...	3	19.46	...	51	17.7	M		
Apl. 20	8.0	12	49	51.50	...	145	36	49.2	R	10	...	3	19.42	...	51	19.2	M		
573 <i>12 Canum Venaticorum α</i>										11	...	3	19.38	...	51	18.3	M		
Mar. 14	...	12	50	2.12	...	50	59	24.5	M	13	...	3	19.34	...	51	18.7	M		
Apl. 22	...	50	2.27	...		59	23.3	R	14	...	3	19.54	...	51	18.1	M			
574 <i>O. A. S. 12539.</i>										15	...	3	19.28	...	51	17.2	M		
Apl. 12	7.2	12	50	25.66	5	118	10	29.4	R	18	...	3	19.51	...	51	18.3	M		
May 11	6.8	50	25.58	...		10	27.3	M											
13	6.7	50	25.74	...		10	28.5	M											
22	6.8	50	25.72	...		10	29.0	M											

56

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
May 20	...	13	3	19.37	...	94	51	18.4	M	592 <i>79 Ursæ Majoris ζ, Mizar—1st.</i>	...	13	18	46.20	...	94	24	20.6	M	
21	...		3	19.50	...		51	18.5	M											
25	...		3	19.43	...		51	17.9	M											
27	...		3	19.44	...		51	19.6	M											
June 5	...		3	19.85	...		51	18.5	M											
584	<i>Anon.</i>									593 <i>79 Ursæ Majoris ζ, Mizar—2nd.</i>	...	13	18	47.04	...	84	24	33.0	R	
Apl. 16	8.8	13	5	4.28	...	143	14	56.3	R											
June 3	9.5		5	4.30	...		14	55.4	M											
585	<i>Anon.</i>									594 <i>Anon.</i>	Apl. 15	9.5	13	22	15.83	5	112	30	27.8	R
Apl. 22	9.0	13	6	3.79	...	124	19	3.6	R											
586	<i>O. A. N. 13563.</i>									595 <i>R Hydræ, Var. 1.</i>	Apl. 19	9.0	13	22	43.37	...	112	37	8.3	R
Apl. 16	8.2	13	15	42.41	...	27	55	44.8	R											
May 11	8.4		15	42.48	...		55	40.5	M											
587	<i>Anon.</i>									596 <i>Anon.</i>	Apl. 16	9.0	13	25	15.28	...	123	11	11.6	R
May 18	8.9	13	16	17.64	...	145	15	23.5	M											
588	<i>65 Virginis.</i>									597 <i>Anon.</i>	June 1	9.0	13	25	16.79	...	124	11	37.7	M
Apl. 26	...	13	16	41.03	...	94	15	16.5	R											
27	...		16	41.05	...		15	17.7	R											
May 16	6.0		16	40.81	...		15	16.0	M											
589	<i>Anon.</i>									598 <i>74 Virginis l^a</i>	May 25	...	13	25	18.73	5	95	35	39.0	M
Apl. 13	9.6	13	17	34.37	...	128	11	58.4	R											
590	<i>66 Virginis.</i>									May 26	...		25	18.71	4		35	39.9	M	
Apl. 22	...	13	17	53.45	...	94	29	39.8	R											
591	<i>67 Virginis α, Spica.</i>									599 <i>Anon.</i>	Mar. 27	8.6	13	25	50.05	...	123	12	50.3	M
May 4	...	13	18	27.02	...	100	29	33.1	R											
6	...		18	27.06	...		29	34.0	R											
13	...		18	27.19	...		29	33.7	M											
20	...		18	27.11	...		29	32.3	M											
27	...		18	27.18	...		29	33.8	M											
29	...		18	27.17	...		29	33.3	M											
31	...		18	27.15	...		29	32.8	M											
June 5	...		18	27.12	...		29	32.6	M											
600	<i>Taylor 6257.</i>									May 16	8.5	15	26	6.99	6	143	50	53.5	M	
22	...		26	6.76	...		50	53.9	M											
601	<i>Anon.</i>									June 11	8.0	13	27	6.08	...	131	37	40.7	R	

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
602 <i>79 Virginis ζ</i>										612 <i>Anon.</i>									
May 4	...	13	26	10 ⁸⁵	...	89	56	27 ¹	R	June 1	8 ⁰	13	37	59 ²⁹	...	128	42	43 ²	R
21	...	28	10 ⁸¹	...	...	56	26 ⁶	M	8	8 ³	...	37	59 ⁶²	...	...	42	42 ⁶	M	
27	...	28	10 ⁸⁸	...	...	56	26 ⁶	M	613 <i>Taylor 6374.</i>										
31	...	28	10 ²⁹	...	...	56	26 ⁹	M	May 6	7 ⁰	13	38	16 ⁶⁹	5	151	56	51 ⁷	R	
June 5	...	28	10 ⁸⁸	...	...	56	26 ²	M	18	7 ³	...	38	17 ⁰⁷	...	...	56	54 ¹	M	
603 <i>80 Virginis.</i>										614 <i>Anon.</i>									
Mar. 25	...	13	28	51 ⁸⁹	...	94	44	37 ⁰	M	May 7	9 ⁵	13	39	7 ⁰⁷	5	152	48	30 ¹	R
26	...	28	51 ⁸⁷	5	...	44	36 ⁶	M	615 <i>85 Ursæ Majoris η, Benetnasch.</i>										
604 <i>Anon.</i>										Apl. 13	...	13	42	29 ⁵⁵	...	40	2	55 ⁴	R
Apl. 26	...	13	30	1 ⁴⁷	4	151	5	14 ⁹	R	616 <i>89 Virginis.</i>									
May 6	8 ⁰	30	1 ⁴⁷	5	...	5	14 ⁰	R	Apl. 26	...	13	42	55 ²¹	...	107	29	43 ⁸	R	
605 <i>Lacaille 5614.</i>										May 9	...	42	55 ¹³	...	...	29	43 ⁶	M	
May 7	8 ⁰	13	30	24 ⁶⁸	...	128	14	35 ⁴	R	617 <i>Anon—2nd.</i>									
606 <i>Anon.</i>										June 4	10 ⁰	13	45	59 ⁵⁵	6	128	25	35 ⁰	M
June 8	10 ²	13	34	31 ⁰⁹	...	129	12	26 ⁹	R	618 <i>X Virginis, Var. 5.</i>									
607 <i>82 Virginis m</i>										May 6	8 ⁹	13	47	38 ⁶⁶	...	78	18	15 ⁵	R
May 20	6 ⁰	13	34	53 ⁷³	...	98	3	22 ⁴	M	619 <i>Taylor 6473.</i>									
608 <i>Bonn +0°. 3090.</i>										May 20	6 ⁵	13	48	15 ³³	5	97	25	39 ⁸	M
May 25	9 ³	13	35	24 ⁰²	...	89	27	57 ⁷	M	620 <i>8 Bootis η</i>									
609 <i>Anon.</i>										Mar. 27	...	13	48	35 ⁴⁴	...	70	57	35 ⁵	M
June 11	9 ²	13	36	42 ⁸⁵	...	128	7	43 ³	R	May 4	...	48	35 ⁴³	...	57	35 ¹	R		
610 <i>Taylor 6366.</i>										7	...	48	35 ⁴²	...	57	35 ⁶	R		
May. 4	7 ⁰	13	37	25 ⁵⁴	...	151	48	30 ⁶	R	9	...	48	35 ²¹	...	57	34 ²	M		
611 <i>Lacaille 5659.</i>										10	...	48	35 ³²	...	57	35 ⁴	M		
Apl. 16	8 ⁰	13	37	41 ²⁵	5	152	15	59 ⁰	R	21	...	48	35 ²⁷	4	57	34 ²	M		
										22	...	48	35 ⁴³	...	57	35 ¹	M		
										27	...	48	35 ³¹	...	57	35 ⁶	M		
										29	...	48	35 ⁴⁰	...	57	36 ¹	M		
										31	...	48	35 ⁴³	...	57	34 ⁹	M		
										June 5	...	48	35 ²⁷	...	57	35 ⁴	M		
										8	...	48	35 ²⁹	...	57	35 ²	R		

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
621 <i>Anon.</i>										630 <i>Anon.</i>									
May 13	8·2	18	50	32·70	...	149	56	32·3	M	Apl. 24	...	14	2	30·51	...	124	18	29·0	R
										26	9·5		2	30·59	...		18	28·9	R
622 <i>Anon.</i>										631 <i>R. P. L. 108—s.p.</i>									
June 1	8·4	18	50	39·43	...	123	46	7·4	M	June 4	...	14	2	53·20	3	8	37	45·4	M
623 <i>Anon.</i>										632 <i>Anon.</i>									
May 11	8·0	13	51	8·57	5	123	46	17·9	M	May 7	8·9	14	2	54·09	...	129	6	34·4	R
June 7	8·5		51	8·39	...		46	18·4	R	June 4	8·8		2	55·14	...		6	35·0	M
624 <i>Anon.</i>										633 <i>Bootis, Var. 4.</i>									
Apl. 26	9·0	13	53	37·67	...	135	43	11·0	R	June 8	9·5	14	4	45·07	...	79	34	49·9	R
May 25	8·6		53	37·66	...		43	14·7	M	12	9·8		4	45·22	...		34	49·5	R
625 <i>93 Virginis τ</i>										634 <i>98 Virginis κ</i>									
Apl. 24	...	18	55	8·01	...	97	50	5·5	R	Apl. 22	...	14	6	4·12	6	99	40	36·3	R
25	...		55	8·08	...		50	5·9	R	23	...		6	4·18	...		40	36·4	R
May 7	...		55	7·98	...		50	6·5	R	635 <i>99 Virginis ι</i>									
29	...		55	7·92	...		50	6·6	M	May 8	...	14	9	18·18	...	95	23	18·1	M
31	...		55	7·98	...		50	6·0	M	636 <i>16 Bootis α, Arcturus.</i>									
June 3	...		55	8·08	...		50	6·0	M	Apl. 24	...	14	9	49·50	...	70	9	0·2	R
8	...		55	8·14	...		50	6·9	R	25	...		9	49·43	...		9	0·9	R
10	...		55	8·02	...		50	7·0	R	May 9	...		9	49·49	...		8	53·7	M
11	...		55	8·01	...		50	5·7	R	10	...		9	49·57	...		9	2·3	M
12	...		55	7·96	...		50	6·6	R	17	...		9	49·45	...		9	1·7	M
626 <i>Lacaille 5794.</i>										18	...		9	49·46	...		9	2·1	M
May 8	6·3	13	57	39·70	...	152	49	56·5	M	23	...		9	49·41	...		9	0·3	M
627 <i>Anon.</i>										June 1	...		9	49·42	...		9	0·9	M
May 10	8·6	13	58	43·50	5	129	22	24·0	M	3	...		9	49·37	...		9	1·3	M
628 <i>95 Virginis.</i>										10	...		9	49·41	...		9	3·0	R
Apl. 22	...	13	59	56·75	...	98	42	5·2	R	12	...		9	49·39	...		9	1·3	R
23	...		59	56·77	...		42	6·3	R	637 <i>Anon.</i>									
629 <i>Anon.</i>										June 7	10·0	14	11	54·43	...	124	18	44·4	R
June 10	9·8	14	0	55·63	...	150	53	23·9	R										

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
638 <i>Anon.</i>										648 <i>Anon.</i>									
May 11	9.6	14	11	58.02	...	124	29	49.0	M	May 10	8.0	14	24	18.90	...	136	56	33.1	M
										18	8.0		24	14.01	...		56	35.9	M
639 100 <i>Virginis</i> λ										649 <i>Anon.</i>									
Mar. 27	...	14	12	11.17	...	102	46	50.2	M	June 10	9.0	14	24	41.69	...	123	50	46.8	R
640 <i>W. B. E.</i> XIV. 192.										650 <i>O. A. N.</i> 14634.									
May 7	7.7	14	12	17.56	...	108	48	55.7	R	June 12	8.9	14	25	59.00	...	20	10	32.8	R
641 <i>Anon.</i>										651 25 <i>Bootis</i> ρ									
May 18	8.6	14	15	2.87	...	122	37	59.9	M	Apl. 24	...	14	26	18.74	...	59	3	56.6	R
										25	...		26	18.75	...		3	56.8	R
642 <i>Taylor</i> 6709.										652 <i>O. A. N.</i> 14652.									
Apl 27	...	14	16	26.64	...	119	5	34.3	R	June 3	7.8	14	27	8.39	5	20	9	6.1	M
May 16	7.0		16	26.41	6		5	38.7	M	653 <i>R Bootis, Var. 1.</i>									
643 <i>S Bootis, Var. 2.</i>										June 10 | 8.7 | 14 31 33.89 | ... | 62 42 26.5 | R									
Apl. 24	8.0	14	18	35.73	...	35	36	25.9	R	654 <i>Lacaille</i> 6027.									
25	8.0		18	35.71	5		36	24.4	R	May 11	7.9	14	31	33.08	...	122	49	24.0	M
May 4	9.9		18	35.73	5		36	23.6	R	655 <i>Anon.</i>									
644 <i>Anon.</i>										May 9 | 8.8 | 14 33 11.00 | ... | 121 46 23.7 | M									
June 1	9.2	14	20	2.40	...	124	40	33.7	M	16	7.7		33	10.76	...		46	25.5	M
7	9.2		20	2.53	6		40	34.5	R	656 <i>Taylor</i> 6848.									
645 <i>Anon.</i>										May 13 | 7.6 | 14 33 20.03 | ... | 136 43 26.0 | M									
May 9	8.8	14	22	26.17	...	122	36	9.3	M	657 <i>Anon.</i>									
646 <i>Lacaille</i> 5962.										June 7 | 9.0 | 14 33 25.14 | ... | 126 19 54.0 | R									
May 8	7.9	14	28	11.85	...	129	48	56.4	M										
647 <i>Anon.</i>																			
May 15	9.0	14	28	25.80	...	129	48	9.3	M										
17	9.0		28	25.62	...		48	10.0	M										

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
658 <i>a Lupi.</i>									667 <i>19 Libræ δ, Var. 4.</i>										
May 18	...	14	33	25.91	...	136	50	13.4	M	May 16	5.0	14	54	8.03	...	98	0	34.5	M
June 1	...		33	25.67	...		50	12.8	M	17	5.5		54	8.13	...		0	34.3	M
659 <i>5 Libræ.</i>									668 <i>O. A. N. 15023.</i>										
May 20	6.8	14	38	54.39	...	104	55	6.0	M	May 25	7.1	14	55	50.41	...	27	49	23.7	M
660 <i>36 Bootis ε², Miræ.</i>									669 <i>Anon.</i>										
May 10	...	14	39	23.78	...	62	23	6.6	M	May 23	8.2	14	58	13.67	6	131	32	36.4	M
24	...		39	23.70	...		23	4.8	M	670 <i>Taylor 7036.</i>									
25	...		39	23.81	...		23	5.4	M	May 10	6.6	14	58	18.70	5	62	25	1.8	M
June 4	...		39	23.88	...		23	4.7	M	15	6.8		58	18.79	5		25	1.0	M
661 <i>Brisbane 5069.</i>									671 <i>43 Bootis ψ</i>										
June 7	8.7	14	41	54.73	...	131	18	46.0	R	May 14	...	14	58	57.66	...	62	33	7.3	M
662 <i>8 Libræ α¹</i>									672 <i>21 Libræ ν¹</i>										
June 10	5.7	14	43	36.66	...	105	27	50.4	R	May 14	...		58	57.65	...		33	6.6	M
11	5.8		43	36.67	...		27	49.1	R	June 7	...		58	57.62	...		33	7.5	E
663 <i>9 Libræ α²</i>									673 <i>Anon.</i>										
Apl. 23	...	14	43	47.97	...	105	30	30.8	R	July 2	...		58	57.61	...		33	5.7	R
May 11	...		43	47.99	...		30	30.0	M	674 <i>W. B. E. XV. 32.</i>									
13	...		43	47.91	...		30	30.2	M	May 16	8.6	15	3	52.48	...	97	3	27.0	M
15	...		43	48.05	...		30	30.0	M	675 <i>O. A. N. 15138.</i>									
16	...		43	48.03	...		30	31.0	M	June 12	9.0	15	4	23.74	...	43	1	57.4	R
18	...		43	47.99	...		30	30.5	M	676 <i>R. P. L. 111.</i>									
23	...		43	47.97	...		30	31.0	M	Mar. 27	...	15	4	49.20	2	5	33	15.1	M
June 4	...		43	48.01	...		30	30.2	M										
664 <i>Anon.</i>																			
June 12	8.2	14	45	55.35	...	101	51	24.7	R										
665 <i>Anon.</i>																			
June 8	9.0	14	50	54.07	...	130	34	11.2	R										
666 <i>Taylor 6991.</i>																			
June 10	5.0	14	52	8.29	...	39	50	52.0	R										

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
677 27 <i>Librae</i> β										686 38 <i>Librae</i> γ									
May 18	...	15	10	7.25	...	98	54	82.6	M	Mar. 27	...	15	28	21.90	...	104	21	40.2	M
14	...	10	7.28	...		54	88.9	M	May 21	...	28	22.00	...		21	39.2	M		
24	...	10	7.81	...		54	81.5	M	22	...	28	22.06	...		21	39.2	M		
25	...	10	7.25	...		54	81.8	M											
June 1	...	10	7.29	...		54	88.4	M											
July 8	...	10	7.25	...		54	82.8	R											
678 Taylor 8048.										687 5 <i>Coronae Borealis</i> α , <i>Alpheta</i> .									
May 31	6.0	15	12	40.19	...	68	57	28.0	M	May 16	...	15	29	16.10	...	62	51	12.6	M
June 10	6.2	12	40.31	...		57	81.0	R	17	...	29	16.06	...		51	11.5	M		
11	...	12	40.19	...		57	28.2	R	18	...	29	16.02	...		51	11.6	M		
									23	...	29	16.20	...		51	11.3	M		
									25	...	29	16.07	...		51	11.5	M		
									June 4	...	29	16.07	...		51	12.0	M		
									July 3	...	29	16.08	...		51	12.1	R		
679 Redhill 2293—s.p.										688 Anon.									
Nov. 9	...	15	13	44.13	3	4	23	8.0	M	July 4	9.2	15	30	41.49	...	120	35	5.6	R
680 Lalande 28028.										689 W. B. E. XV. 587.									
May 8	7.6	15	15	38.87	...	53	3	45.9	M	May 8	8.0	15	32	19.67	...	103	29	11.8	M
15	7.5	15	38.89	6		3	48.0	M											
16	7.6	15	38.88	...		8	45.5	M											
681 S <i>Coronae Borealis</i> , Var. 2.										690 Taylor 7300.									
June 12	9.0	15	16	10.96	...	58	10	17.7	R	June 3	7.8	15	32	41.62	...	103	33	10.6	M
July 4	8.8	16	11.10	...		10	16.3	R											
682 31 <i>Librae</i> ϵ										691 43 <i>Librae</i> κ									
June 8	...	15	17	15.76	...	99	51	87.5	M	July 2	...	15	34	34.57	...	109	15	43.1	R
683 Lacaille 6377.										692 W. B. E. XV. 704.									
May 23	8.0	15	19	25.86	...	130	12	37.8	M	July 3	9.2	15	37	40.53	...	92	36	23.7	R
July 3	8.0	19	25.84	...		12	37.6	R											
684 Taylor 7220.										693 24 <i>Serpentis</i> α									
June 1	8.0	15	22	38.66	...	128	8	18.8	M	May 22	...	15	37	57.84	...	83	10	11.5	M
									June 1	...	37	57.81	...		10	12.0	M		
									July 4	...	37	57.84	...		10	12.6	R		
685 Anon.										694 Anon.									
July 4	9.0	15	23	7.60	5	151	88	44.2	R	June 10	9.5	15	41	46.66	6	62	4	40.9	R

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
715 O. A. S. 15613.										725 Taylor 7724.									
May 31	7.5	16	17	43.89	...	118	9	45.4	M	May 22	6.2	16	34	22.38	...	109	40	37.3	M
										23	6.5		34	22.42	...		40	37.1	M
716 7 Ophiuchi χ										726 40 Herculis ζ									
July 12	6.2	16	19	36.31	...	108	9	49.7	M	May 24	...	16	36	27.75	...	58	9	50.6	M
717 21 Scorpii α , Antares.										June 7	...		36	27.69	...		9	50.4	R
June 3	...	16	21	33.69	...	116	8	44.0	M	11	...		36	27.67	...		9	51.8	R
7	...		21	33.73	...		8	43.9	R	July 3	...		36	27.72	...		9	51.0	R
29	...		21	33.71	...		8	43.3	R	12	...		36	27.71	5		9	51.1	M
July 4	...		21	33.71	...		8	43.5	R	13	...		36	27.69	...		9	50.3	M
718 Lalande 30042.										15	...		36	27.73	...		9	49.8	M
July 3	9.0	16	23	0.21	...	48	27	55.4	R	727 Anon.									
719 9 Ophiuchi ω										July 26	8.9	16	37	17.15	...	130	53	54.4	M
May 22	...	16	24	33.06	...	111	11	25.7	M	27	8.8		37	17.16	6		53	55.1	M
28	...		24	33.09	...		11	24.9	M	728 O. A. S. 15952.									
720 Anon.										July 30	...	16	39	50.85	...	111	56	28.2	M
July 27	9.1	16	26	57.35	...	130	55	56.2	M	729 Anon.									
30	8.9		26	57.24	...		55	55.5	M	June 8	9.0	16	44	57.93	...	131	2	12.8	R
721 23 Scorpii τ										730 Anon.									
July 2	...	16	27	55.10	...	117	56	53.4	R	July 3	...	16	45	8.15	6	130	19	1.5	R
722 Anon.										731 S Herculis, Var. 3.									
June 11	8.9	16	29	5.99	5	152	17	47.3	R	July 4	8.5	16	46	4.28	5	74	50	29.5	R
723 Anon.										732 Anon.									
July 4	10.0	16	29	42.27	4	130	52	22.6	R	July 31	...	16	49	25.49	5	125	32	6.4	M
724 Taylor 7723.										733 27 Ophiuchi κ									
July 31	5.9	16	34	10.38	...	107	29	29.2	M	June 11	...	16	51	36.57	...	80	25	26.0	R
										July 12	...		51	36.54	...		25	27.3	M
										13	...		51	36.57	...		25	26.6	M
										15	...		51	36.64	...		25	25.6	M

22.8

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
734	<i>Anon.</i>									741	<i>64 Herculis a¹, Var. 1.</i>								
July 27	8.3	16	52	36.52	...	122	49	38.3	M	July 13	...	17	8	48.45	...	75	27	42.4	M
30	8.4		52	36.33	...		49	37.6	M	15	...		8	48.59	...		27	42.0	M
735	<i>O. A. S. 16233.</i>									25	...		8	48.65	...		27	43.3	M
July 26	8.0	16	54	27.05	...	110	24	20.2	M	Aug. 12	...		8	48.74	...		27	43.1	R
736	<i>Anon.</i>									742	<i>Anon.</i>								
Aug. 1	8.5	16	56	22.87	...	130	55	35.3	R	June 12	9.0	17	9	33.15	...	124	4	51.8	R
2	8.8		56	22.94	...		55	35.3	R	743	<i>Anon.</i>								
737	<i>22 Ursæ Minoris ε</i>									Aug. 2	9.5	17	12	32.05	...	130	28	13.2	R
June 20	...	16	59	9.97	5	7	45	21.0	R	744	<i>42 Ophiuchi θ</i>								
738	<i>22 Ursæ Minoris ε—s.p.</i>									Apl. 25	...	17	14	8.97	...	114	52	8.6	R
Jan. 6	...	16	59	9.25	7	7	45	28.0	R	Aug. 5	...		14	9.03	...		52	9.7	R
15	...		59	10.59	5		45	24.4	M	745	<i>44 Ophiuchi b</i>								
23	...		59	10.54	5		45	23.8	M	July 15	...	17	18	33.37	...	114	3	16.7	M
24	...		59	10.28	3		45	23.4	M	Aug. 1	...		18	33.35	...		3	18.4	R
30	...		59	10.14	3		45	24.6	M	746	<i>45 Ophiuchi d</i>								
Dec. 14	...		59	10.55	5		45	27.3	R	July 13	4.5	17	19	10.94	...	119	44	54.9	M
24	...		59	10.53	3		45	31.2	M	747	<i>Anon.</i>								
738	<i>Anon.</i>									July 26	8.4	17	21	37.75	...	130	44	1.1	M
July 31	8.5	17	4	38.85	...	59	7	52.3	M	748	<i>Anon.</i>								
739	<i>O. A. S. 16432.</i>									July 30	8.9	17	21	46.84	...	180	46	6.0	M
July 12	7.9	17	6	17.29	...	105	24	20.3	M	749	<i>Anon.</i>								
Aug. 2	7.5		6	17.12	...		24	15.4	R	July 31	8.1	17	21	56.17	...	180	33	23.6	M
740	<i>Anon.</i>									750	<i>Brisbane 6091.</i>								
July 26	8.2	17	7	40.96	...	130	43	7.6	M	Aug. 2	8.2	17	22	1.60	5	148	27	30.1	R
27	8.5		7	41.27	6		43	7.9	M										
30	8.1		7	41.29	...		43	7.8	M										

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		°	'	"	
751		55 Ophiuchi a							
July 20	...	17	28	59.48	4	77	20	40.8	M
25	...	28	59	60	...	20	42.3	M	
27	...	28	59	54	...	20	42.4	M	
Aug. 1	...	28	59	61	...	20	41.9	R	
5	...	28	59	50	...	20	42.0	R	
15	...	28	59	61	...	20	41.0	R	
752		Taylor 8141.							
July 3	6.8	17	31	3.51	5	111	50	2.9	R
15	...	31	3	37	...	50	4.6	M	
31	6.0	31	3	50	...	50	5.0	M	
753		56 Serpentis o							
Aug. 2	...	17	34	13.30	...	102	48	17.3	R
754		Anon.							
July 30	9.0	17	34	45.82	...	128	57	47.0	M
755		Anon.							
July 25	8.5	17	40	16.65	...	127	14	50.6	M
26	8.6	40	16	65	...	14	49.9	M	
756		86 Herculis μ							
July 20	...	17	41	26.98	...	62	12	9.4	M
27	...	41	26	94	...	12	10.1	M	
Aug. 1	...	41	26	94	...	12	10.7	R	
12	...	41	26	90	...	12	12.4	R	
15	...	41	26	96	...	12	10.9	R	
757		Anon.							
July 30	8.0	17	43	58.98	6	128	36	24.1	M
31	8.0	43	58	91	...	86	24.0	M	
758		Anon.							
Aug. 2	8.2	17	45	34.61	...	128	35	30.5	R
759		Anon.							
Aug. 15	9.2	17	48	45.68	...	152	8	40.8	R
760		Taylor 8288.							
Aug. 12	7.0	17	48	57.31	...	105	47	17.1	R
761		4 Sagittarii b							
May 23	5.3	17	51	58.77	...	113	48	5.9	M
762		Anon.							
Aug. 1	9.0	17	52	38.01	5	180	49	34.7	R
763		9 Sagittarii.							
May 23	5.0	17	56	1.60	...	114	21	39.4	M
July 30	6.9	56	1	54	...	21	38.3	M	
31	6.8	56	1	41	...	21	38.3	M	
764		10 Sagittarii γ^1, Var. 6.							
July 12	...	17	56	50.71	...	119	35	0.3	M
26	...	56	50	64	...	34	59.3	M	
765		Bonn +30°. 3133.							
July 25	8.0	18	3	21.73	...	59	1	9.5	M
766		T Herculis, Var. 4.							
Aug. 15	9.7	18	4	15.40	...	59	0	0.5	R
17	9.6	4	15	43	...	58	59	59.6	R
767		13 Sagittarii μ							
July 3	...	18	6	6.48	...	111	5	23.9	R
12	...	6	6	46	...	5	26.5	M	
26	...	6	6	49	...	5	24.0	M	
27	...	6	6	65	...	5	22.4	M	
30	...	6	6	53	...	5	23.5	M	
Aug. 12	...	6	6	46	...	5	23.9	R	
20	...	6	6	60	...	5	23.8	R	

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
768		<i>Anon.</i>								777		<i>3 Lyræ a, Vega.</i>								
July 31	7.9	18	7	15.47	...	122	22	39.1	M	July 18	...	18	32	36.17	4	51	20	3.1	M	
										20	...	32	36.28	...		20	2.8	M		
										30	...	32	36.11	...		20	3.9	M		
769		<i>23 Ursæ Minoris δ</i>								Aug. 1	...	32	36.27	...		20	3.4	R		
June 29	...	18	13	37.89	3	3	23	36.1	R	2	...	32	36.25	...		20	3.4	R		
July 13	...	18	38.28	3		23	36.1	M	5	...	32	36.27	3		20	4.3	R			
		<i>23 Ursæ Minoris δ—s.p.</i>								17	...	32	36.19	...		20	6.5	R		
Jan. 6	...	18	13	38.14	7	3	23	36.2	R	20	...	32	36.19	...		20	3.6	R		
										27	...	32	36.19	4		20	2.6	R		
770		<i>21 Sagittarii.</i>								778		<i>Anon.</i>								
Aug. 2	...	18	17	43.63	...	110	36	29.7	R	May 24	8.5	18	35	14.64	...	118	34	15.0	M	
771		<i>22 Sagittarii λ</i>								779		<i>Anon.</i>								
July 20	...	18	20	4.40	...	115	29	21.2	M	Aug. 15	9.7	18	35	35.67	...	137	15	53.5	R	
Aug. 20	...	20	4.34	...		29	22.8	R	780		<i>Lacaille 7832.</i>									
772		<i>Taylor 8516—2nd.</i>								Aug. 28	8.0	18	38	17.99	5	149	5	4.3	R	
July 12	6.0	18	22	28.78	...	104	39	50.1	M	Sep. 2	7.9	38	18.01	...		5	3.6	M		
										3	7.9	38	18.12	...		5	3.2	M		
773		<i>Anon.</i>								781		<i>10 Lyræ β, Var. 1.</i>								
Aug. 28	9.0	16	23	26.91	...	135	15	32.0	R	July 20	...	18	45	21.38	...	56	47	3.1	M	
Sep. 3	8.9	23	26.89	...		15	31.4	M	25	...	45	21.24	...		47	5.8	M			
774		<i>O. A. S. 18326.</i>								26	...	45	21.12	5		47	2.8	M		
Aug. 15	8.7	18	23	51.81	...	109	14	40.9	R	27	...	45	21.21	...		47	4.6	M		
										Aug. 2	...	45	21.28	...		47	3.4	R		
775		<i>U Sagittarii, Var. 4.</i>								15	...	45	21.28	...		47	4.9	R		
Aug. 17	7.2	18	24	20.94	4	109	12	43.2	R	17	...	45	21.20	...		47	4.2	R		
										20	...	45	21.18	...		47	4.9	R		
776		<i>Anon.</i>								782		<i>32 Sagittarii ν¹</i>								
Aug. 31	9.9	18	29	58.23	...	135	12	7.6	R	Sep. 4	5.5	18	46	26.7 ⁶	...	112	53	39.4	M	
										783		<i>Lacaille 7919.</i>								
										Aug. 28	8.0	18	43	16.10	5	129	4	35.0	R	

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"	
784 13 <i>Lyræ</i> , Var. 2.									
Aug. 31	4.0	18	51	26.30	5	46	13	15.6	M
785 R. P. L. 131—s.p.									
Feb. 6	...	18	56	24.99	3	3	27	21.7	M
786 O. A. S. 19032.									
Sep. 3	9.1	18	57	34.33	...	111	16	16.7	M
5	9.2	57	34.32	...	...	16	16.9	M	
787 17 <i>Aquilæ</i> ζ									
July 18	...	18	59	31.63	...	76	19	31.6	M
25	...	59	31.54	...	...	19	32.0	M	
30	...	59	31.53	...	...	19	31.1	M	
31	...	59	31.53	...	...	19	31.4	M	
Aug. 27	...	59	31.64	...	...	19	30.0	R	
28	...	59	31.55	5	...	19	31.6	R	
31	...	59	31.61	...	...	19	29.0	R	
Sep. 6	...	59	31.53	...	...	19	30.4	M	
788 Bonn. 7°. 3971.									
Aug. 15	9.8	19	1	15.27	6	82	0	49.9	R
Sep. 9	9.0	1	15.28	6	...	0	48.1	M	
789 41 <i>Sagittarii</i> π									
May 24	...	19	2	9.16	...	111	13	28.0	M
790 Anon.									
Sep. 7	8.0	19	3	43.55	...	139	22	0.3	M
791 42 <i>Sagittarii</i> ψ									
July 25	5.5	19	7	41.38	...	115	28	31.1	M
Sep. 2	5.6	7	41.50	...	...	28	28.9	M	
792 R <i>Sagittarii</i> , Var. 1.									
Aug. 15	9.2	19	9	11.21	...	109	31	49.4	R
793 25 <i>Aquilæ</i> ω									
July 30	...	19	11	48.55	...	78	37	59.7	M
31	...	11	48.46	...	...	37	59.3	M	
Aug. 28	...	11	48.46	4	...	37	59.3	R	
31	...	11	48.38	...	...	38	0.2	R	
794 Lacaille 8074.									
Sep. 3	6.6	19	13	10.89	...	132	15	8.3	M
4	6.7	13	11.14	4	...	15	8.7	M	
11	6.9	13	10.85	...	...	15	8.0	M	
795 45 <i>Sagittarii</i> ρ ²									
Sep. 5	5.7	19	14	22.74	5	108	32	36.7	M
6	6.0	14	22.93	...	...	32	36.1	M	
796 30 <i>Aquilæ</i> δ									
Aug. 2	...	19	19	2.64	...	87	8	18.3	R
27	...	19	2.57	5	...	8	18.4	R	
28	...	19	2.57	...	...	8	17.2	R	
31	...	19	2.59	...	...	8	18.5	M	
797 Anon.									
Aug. 15	9.8	19	19	42.29	...	128	37	31.9	R
Sep. 2	9.1	19	42.26	...	...	37	32.1	M	
798 Taylor 8950.									
Aug. 12	...	19	22	46.31	...	143	27	8.7	R
799 Anon.									
Sep. 3	8.9	19	25	28.31	...	129	54	59.0	M
9	8.8	25	29.00	...	...	54	56.5	M	
800 Anon.									
Sep. 7	9.0	19	25	42.44	...	127	48	21.4	M
801 Anon.									
July 25	7.6	19	26	40.04	...	131	28	49.5	M

34.36

31.49

15.27

43.05

11.7

22.78
9.5

42.48

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.										
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"											
802 <i>51 Sagittarii h¹</i>										810 <i>57 Sagittarii.</i>																			
Aug. 28	...	19	28	15 ²² 20	...	114	59	49.6	R	July 25	6.0	19	44	45.07	...	109	22	5.2	M										
Sep. 5	6.0	28	15 ⁴⁸ 18	...		59	50.4	M	811 <i>X Cygni, Var. 2.</i>																				
10	6.0	28	15 ⁴⁸ 50	...		59	49.2	M	Aug. 28	5.0	19	45	38.54	...	57	24	30.7	R											
803 <i>52 Sagittarii h²</i>										Sep. 7	5.7	45	38.03	...	24	30.7	M	812 <i>O. A. S. 20055.</i>											
July 31	...	19	28	54.91	...	115	9	47.2	M	Sep. 6	8.8	19	46	46.94	...	107	44	35.0	M										
Aug. 24	...	28	54.94	...		9	49.6	R	813 <i>60 Aquilæ β</i>																				
Sep. 11	...	28	54.87	...	6	9	48.4	M	Aug. 24	...	19	40	1.58	...	83	54	41.7	R											
804 <i>R Cygni, Var. 3.</i>										Sep. 2	...	49	1.58	...	54	40.3	M	814 <i>Anon.</i>											
Aug. 15	10.0	19	33	25.29	...	40	3	43.6	R	10	...	40	1.48	...	54	41.6	M	815 <i>λ Ursæ Minoris—s.p.</i>											
31	8.9	33	25.37	...		3	45.7	M	11	...	49	1.54	...	54	40.0	M	Jan. 25	...	19	52	18.64	2	1	4	35.2	M			
805 <i>Anon.</i>										13	...	40	1.66	...	54	40.4	M	Feb. 22	...	52	10.66	1	4	34.9	R				
Sep. 2	8.0	19	34	22.44	6	127	44	11.9	M	19	...	40	1.33	...	54	30.5	M	816 <i>Anon.</i>											
806 <i>Anon.</i>										Sep. 3	8.2	19	50	12.50	6	145	55	36.5	M	817 <i>Anon.</i>									
Sep. 7	8.7	19	34	55.54	5	127	15	57.9	M	5	8.4	50	12.65	5	55	35.7	M	Sep. 2	9.0	19	59	48.21	...	129	10	4.6	M		
807 <i>50 Aquilæ γ</i>										818 <i>Anon.</i>																			
July 31	...	19	40	10.36	...	79	41	48.4	M	Sep. 7	8.0	20	4	50.88	6	147	18	12.1	M										
Aug. 24	...	40	10.34	...		41	48.9	R	819 <i>Anon.</i>																				
Sep. 3	...	40	10.39	...		41	48.2	M	820 <i>Anon.</i>																				
5	...	40	10.48	...		41	48.8	M	821 <i>Anon.</i>																				
10	...	40	10.54	...		41	48.4	M	822 <i>Anon.</i>																				
11	...	40	10.58	...		41	48.2	M	823 <i>Anon.</i>																				
21	...	40	10.38	...	5	41	48.4	M	824 <i>Anon.</i>																				
808 <i>S Vulpeculæ, Var. 2.</i>										825 <i>Anon.</i>																			
Aug. 31	9.5	19	43	8.93	...	63	1	50.3	R	826 <i>Anon.</i>																			
809 <i>53 Aquilæ α, Altair.</i>										827 <i>Anon.</i>																			
July 26	...	19	44	32.35	...	81	28	3.0	M	828 <i>Anon.</i>																			
Sep. 13	...	44	32.18	...		28	3.4	M	829 <i>Anon.</i>																				
19	...	44	32.19	...		28	4.6	M	830 <i>Anon.</i>																				
21	...	44	32.26	...		28	4.2	M	831 <i>Anon.</i>																				

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"	
819 Lacaille 8370.									
Sep. 8	7.0	20	7	40.18	...	152	17	49.6	M
820 ^αR Sagittarii, Var. 1.									
Aug. 2	9.3	20	8	13.75	...	78	39	36.0	R
821 O. A. S. 20356.									
Sep. 9	8.0	20	8	49.44	5	110	24	41.3	M
822 5 Capricorni α¹									
Sep. 10	...	20	10	33.17	...	102	54	5.2	M
823 6 Capricorni α²									
Aug. 28	...	20	10	57.08	...	102	56	28.1	R
Sep. 13	...	10	56	95	...	56	28	4	M
17	...	10	57	07	...	56	24	1	M
19	...	10	57	04	...	56	28	5	M
21	...	10	57	08	...	56	28	0	M
824 9 Capricorni β									
Sep. 6	...	20	13	48.97	6	106	11	1.0	M
825 Lalande 39125.									
Sep. 2	8.6	20	15	58.53	...	106	11	51.7	M
826 Anon.									
Sep. 5	9.2	20	16	10.96	...	106	16	9.1	M
827 11 Capricorni ρ									
Aug. 17	...	20	21	33.50	...	108	14	6.8	R
Sep. 8	...	21	33	41	...	14	5	3	M
17	...	21	33	38	...	14	5	2	M
19	...	21	33	30	...	14	5	7	M
21	...	21	33	45	...	14	5	0	M
828 24 Cephei—s.p.									
Feb. 13	...	20	22	10.01	1	1	15	31.8	R
Mar. 5	8.7	22	3	41	1	15	33	1	R
829 Anon.									
Sep. 13	8.7	20	23	29.53	...	125	56	54.3	M
830 Anon.									
Sep. 2	8.0	20	26	49.64	6	150	16	43.3	M
10	7.9	26	49	67	...	16	43	1	M
831 Anon.									
Aug. 2	...	20	26	51.03	5	121	11	6.4	R
Sep. 9	8.2	26	51	02	...	11	5	3	M
832 R. P. L. 143.									
Sep. 11	...	20	28	34.11	2	5	16	50.6	M
833 15 Capricorni ν									
Sep. 3	5.4	20	32	45.74	...	108	35	14.9	M
5	5.6	32	45	78	...	35	14	9	M
834 50 Cygni α, Deneb.									
Sep. 4	...	20	37	4.05	...	45	10	34.5	M
13	...	37	4	12	...	10	33	0	M
835 W. B. E. XX 935.									
Sep. 6	8.9	20	37	9.92	...	73	21	21.6	M
7	8.9	37	9	92	...	21	22	3	M
836 Anon.									
Sep. 28	9.1	20	38	44.41	...	148	1	35.1	M
837 O. A. S. 20841.									
Sep. 11	8.0	20	39	41.61	...	116	52	54.2	M
17	8.0	39	41	67	6	52	55	1	M

62

44.45

33.16

48.44

10.99

10.01

11.41

51.04

45.80

41.84

7.91

1.51

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
838 32 <i>Vulpeculæ</i> .										847 22 <i>Aquarii β</i>									
Sep. 2	...	20	49	6 ²⁹	...	62	25	41 ⁹	M	Sep. 3	...	21	24	49 ¹²	...	96	7	57 ⁹	M
4	...	40	6 ²⁹	...	...	25	41 ⁹	M	4	...	24	49 ¹⁴	...	...	7	58 ⁷	M	
5	...	49	6 ³⁵	4	...	25	40 ⁵	M	6	...	24	49 ¹⁵	...	...	7	58 ⁴	M	
7	...	49	6 ²⁹	...	...	25	41 ⁵	M	28	...	24	49 ¹⁸	...	...	7	58 ⁷	M	
9	...	49	6 ²⁹	...	...	25	39 ⁶	M	Oct. 9	...	24	49 ¹⁰	...	...	7	59 ⁸	B	
10	...	40	6 ²⁸	...	...	25	39 ⁰	M	848 <i>Anon.</i>									
839 <i>Anon.</i>										Aug. 28 | 9 ⁵ | 21 27 35 ¹⁵ | ... | 132 36 13 ⁷ | R									
Sep. 7	9 ⁶	20	59	12 ⁰⁶	...	148	50	42 ⁵	M	849 <i>Anon.</i>									
28	9 ⁶	59	12 ⁸⁷	...	...	50	46 ⁰	M	Sep. 2 | 8 ⁵ | 21 30 0 ³³ | ... | 134 0 22 ⁶ | M									
840 <i>Anon.</i>										850 <i>Anon.</i>									
Sep. 11	8 ⁶	21	1	2 ²³	...	120	2	51 ⁸	M	Sep. 17 | 8 ⁷ | 21 30 19 ²⁷ | ... | 98 23 17 ³ | M									
17	8 ⁹	1	2 ²⁰	...	...	2	52 ⁹	M	851 8 <i>Pegasi ε</i>									
841 61 <i>Cygni—2nd.</i>										Sep. 4 | ... | 21 37 53 ⁰⁶ | ... | 80 42 38 ¹ | M									
Oct. 9	6 ⁸	21	1	11 ¹⁸	...	51	52	51 ³	B	6	...	37	53 ⁰⁵	...	...	42	38 ²	M
842 <i>Anon.</i>										27	...	37	53 ⁰⁴	...	...	42	38 ²	M
Sep. 13 | 9 ⁰ | 21 1 40 ⁵² | ... | 119 58 30 ⁴ | M										28	...	37	53 ⁰²	...	...	42	38 ⁰	M
843 13 <i>Aquarii ν</i>										Oct. 2	...	37	53 ⁸⁹	...	...	42	40 ⁷	R
Sep. 10	...	21	2	37 ²⁴	...	101	53	18 ¹	M	9	...	37	53 ⁰⁸	...	...	42	39 ¹	R
844 <i>Anon.</i>										17	...	37	53 ⁰¹	...	...	42	39 ⁰	R
Sep. 9 | 9 ⁴ | 21 11 31 ⁸⁶ | ... | 129 29 50 ² | M										852 51 <i>Capricorni μ</i>									
845 <i>Anon.</i>										Sep. 10 | 5 ⁰ | 21 46 19 ⁰⁶ | ... | 104 9 10 ² | M									
Sep. 11	9 ⁵	21	14	18 ³³	5	128	58	21 ⁴	M	853 16 <i>Pegasi.</i>									
28	9 ⁴	14	18 ²⁷	6	...	58	21 ⁶	M	Sep. 2 | ... | 21 47 14 ²⁸ | ... | 64 40 37 ⁴ | M										
846 32 <i>Capricorni ε</i>										5	...	47	14 ²⁰	...	...	40	35 ⁴	M
Sep. 10	...	21	15	7 ⁰²	...	107	22	41 ¹	M	6	...	47	14 ²⁸	...	...	40	35 ¹	M
Sep. 10 | ... | 21 15 7 ⁰² | ... | 107 22 41 ¹ | M										7	...	47	14 ²⁸	...	...	40	35 ¹	M
										9	...	47	14 ³⁸	...	...	40	39 ⁷	M
										11	...	47	14 ²²	...	...	40	35 ⁷	M
										17	...	47	14 ²⁹	...	...	40	30 ⁸	M
										27	...	47	14 ¹⁹	...	...	40	35 ⁶	M
										Oct. 2	...	47	14 ³⁷	...	...	40	37 ⁷	R
										9	...	47	14 ³⁴	...	...	40	30 ⁸	R

634
28
26
25

49.17
%

53.98

37.23

31.85

19.07

14.26
25
35

7.01

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
354 <i>Anon.</i>										363 <i>43 Aquarii θ</i>										
17.59 Sep. 4	9.5	21	53	17.58 ⁹	...	136	35	56.6	M	Sep. 5	...	22	10	4.69 ⁷²	...	98	25	9.0	M	4.72
										6	...	10	4.70 ³	...	25	10.4			M	7.3
										7	...	10	4.68 ⁸	...	25	10.5			M	6.8
										9	...	10	4.57 ²	...	25	8.2			M	5.6
										Oct. 17	...	10	4.73	...	25	10.8			R	
355 <i>ε Indi.</i>										364 <i>O. A. S. 22070.</i>										
Oct. 4	6.0	21	53	33.42	...	147	18	39.7	R	Sep. 27	8.0	22	12	20.26	...	114	26	35.3	M	
9	...	53	33.43	...	18	39.5			R	Oct. 9	9.2	12	20.48	...	26	37.2			R	
356 <i>31 Aquarii o</i>										365 <i>Anon.</i>										
41.51 41.62 Aug. 31	...	21	56	41.46	...	92	46	21.4	R	Sep. 28	9.6	22	19	32.46	...	88	40	24.8	M	
Sep. 6	...	56	41.56	...	46	20.9			M	Oct. 28	10.2	19	32.79	4	40	23.8			R	
7	...	56	41.60	...	46	21.5			M	366 <i>Anon.</i>										
357 <i>32 Aquarii.</i>										367 <i>55 Aquarii ζ</i>										
Sep. 5	5.9	21	58	12.47 ⁵⁰	...	91	31	28.3	M	Aug. 31	...	22	22	14.41	...	90	40	30.0	R	
9	5.7	58	12.48	...	31	27.2			M	Sep. 4	...	22	14.28 ²	...	40	26.6			M	14.27
358 <i>34 Aquarii a</i>										368 <i>R. P. L. 150-s.p.</i>										
Sep. 2	...	21	59	12.48	...	90	56	26.7	M	Mar. 12	...	22	23	8.88	2	4	32	18.1	M	
10	...	59	12.51 ⁵¹	...	56	26.1			M	Apl. 4	...	23	9.05	2	32	18.0			M	
27	...	59	12.69	...	56	26.6			M	369 <i>O. A. S. 22193.</i>										
Oct. 2	...	59	12.53	...	56	30.9			R	Oct. 9	7.2	22	23	46.62	...	116	43	36.8	R	
359 <i>Anon.</i>										370 <i>Anon.</i>										
Sep. 28	8.0	22	0	28.14	...	115	0	56.0	M	Sep. 9	8.0	22	24	10.66 ⁹	...	180	38	2.9	M	10.68
360 <i>Anon.</i>										371 <i>Anon.</i>										
Oct. 9	10.0	22	2	27.81	...	114	57	30.8	R											
361 <i>Anon.</i>																				
Oct. 4	10.0	22	2	28.28	6	114	52	27.0	R											
362 <i>O. A. S. 22014.</i>																				
Oct. 7	...	22	7	37.52	5	114	38	18.8	R											

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.*			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
371 62 <i>Aquarii</i> η										379 74 <i>Aquarii</i> .									
Oct. 4	...	22	28	46.51	...	90	46	36.4	R	Oct. 26	...	22	46	44.20	...	102	17	50.1	R
7	...	28	46	01	...	46	35	9	R	Nov. 7	5.8	46	44	30	...	17	48	3	M
21	...	28	46	51	...	46	36	3	R	380 <i>O. A. S.</i> 22487.									
23	...	28	46	08	...	46	37	1	R	Oct. 9	9.0	22	48	14.40	...	114	39	0.1	R
23	...	28	46	08	...	46	36	7	R	381 <i>O. A. S.</i> 22497.									
Nov. 1	...	28	46	07	...	46	30	1	M	Oct. 21	9.3	22	49	18.72	...	114	49	50.0	R
372 <i>T Aquarii</i> , Var. 3.										Nov. 6	8.2	49	18	71	6	49	58	1	M
Oct. 31	10.4	22	29	10.64	5	98	15	58.8	R	382 24 <i>Piscis Australis</i> α , <i>Fomalhaut</i> .									
373 63 <i>Aquarii</i> κ										Sep. 27	...	22	50	34.29	...	120	18	0.8	M
Aug. 31	...	22	30	7.56	...	94	53	14.7	R	Oct. 4	...	50	34	43	...	18	1	4	R
374 42 <i>Pegasi</i> ζ										7	...	50	34	43	...	18	0	8	R
Sep. 7	...	22	35	4.72	...	79	50	9.9	M	383 <i>Anon.</i>									
9	...	35	4	72	...	50	8	5	M	Oct. 23	10.5	22	55	5.85	4	101	40	31.3	R
Oct. 4	...	35	4	70	...	50	11	8	R	28	10.5	55	5	81	3	40	31	0	R
22	...	35	4	08	...	50	10	9	R	384 53 <i>Pegasi</i> β , Var. 1.									
23	...	35	4	07	...	50	10	2	R	Oct. 26	...	22	57	34.21	...	62	36	41.3	R
26	...	35	4	06	...	50	11	3	R	30	...	57	34	23	...	36	30	3	R
375 67 <i>Aquarii</i> .										Nov. 2	...	57	34	29	6	36	41	6	M
Sep. 4	...	22	36	33.33 ^s	...	97	37	50.3	M	8	...	57	34	17	...	36	39	8	M
13	...	36	33	27	...	37	50	1	M	385 <i>Anon.</i>									
Oct. 9	7.0	36	33	20	...	37	56	9	R	Oct. 29	10.0	22	57	34.82	...	57	9	29.9	R
376 71 <i>Aquarii</i> τ^2										386 54 <i>Pegasi</i> α , <i>Markab</i> .									
Oct. 7	...	22	42	48.73	...	104	16	3.1	R	Sep. 28	...	22	58	23.14	...	75	28	58.6	M
21	...	42	48	74	...	16	3	6	R	Oct. 7	...	58	23	04	...	28	59	6	R
377 <i>Anon.</i>										17	...	58	23	10	...	28	58	8	R
Oct. 29	10.0	22	44	35.08	...	135	34	41.5	R	22	...	58	23	07	...	28	58	8	R
378 73 <i>Aquarii</i> λ										25	...	58	23	13	...	28	59	9	R
Oct. 23	...	22	45	56.07	...	98	15	37.7	R										
25	...	45	56	19	...	15	36	6	R										

3535

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
887 91 Aquarii ψ^1									896 Anon.										
Oct. 17	...	23	9	11.10	...	99	47	5.8	R	Oct. 21	10.5	23	20	8.68	4	109	16	40.9	R
23	...		9	11.08	...		47	6.4	R	28	10.2		20	8.49	4		16	44.8	R
26	...		9	11.08	...		47	6.5	R	30	10.0		20	8.55	...		16	42.1	R
888 6 Piscium γ									897 8 Piscium κ										
Oct. 21	...	23	10	31.71	...	87	25	1.2	R	Nov. 5	...	23	20	22.23	...	89	26	41.9	M
Nov. 1	...		10	31.77	...		25	0.2	M	6	...		20	22.27	...		26	41.4	M
5	...		10	31.77	...		25	0.0	M	898 10 Piscium θ									
889 Anon.									899 Anon.										
Sep. 28	8.0	23	11	3.65	6	150	41	58.3	M	Sep. 27	...	23	26	2.40	...	108	31	5.6	M
Oct. 29	8.8		11	3.87	...		41	57.9	R	Oct. 17	9.0		26	2.43	6		31	5.3	R
31	8.0		11	3.87	...		41	58.5	R	29	9.0		26	2.38	5		31	5.4	R
890 93 Aquarii ψ^2									900 Anon.										
Nov. 6	...	23	11	15.05	...	99	52	51.0	M	Oct. 10	9.0	23	26	10.78	...	108	45	29.1	R
11	...		11	15.10	...		52	52.4	M	901 R. P. L. 158—s.p.									
891 Anon.									902 Anon.										
Oct. 30	9.2	23	11	84.25	6	151	13	6.9	R	Nov. 8	9.0	23	30	6.33	5	130	4	26.8	M
892 Anon.									903 17 Piscium ι										
Nov. 7	9.1	23	12	4.16	5	129	55	17.8	M	Sep. 28	...	23	33	22.02	...	85	4	1.5	M
893 96 Aquarii.									902 Anon.										
Sep. 27	...	23	12	45.69	...	95	49	24.2	M	Oct. 10	...		33	21.94	6		4	1.5	R
894 O. A. S. 22814.									903 17 Piscium ι										
Oct. 17	6.5	23	17	22.94	...	109	23	32.3	R	23	...		33	21.94	...		4	2.4	R
26	...		17	22.95	...		23	34.3	R	26	...		33	21.91	...		4	5.6	R
31	6.5		17	22.78	...		23	33.0	R	28	...		33	21.99	...		4	1.3	R
Nov. 2	5.9		17	23.10	...		23	33.4	M	Nov. 5	...		33	21.88	...		4	1.0	M
8	6.0		17	23.12	5		23	33.1	M	6	...		33	22.08	...		4	0.9	M
895 Anon.									903 17 Piscium ι										
Oct. 29	10.1	23	18	41.07	...	181	5	52.8	R	11	...		33	22.06	...		4	1.6	M

Separate Results of Madras Meridian Circle Observations in 1872.

Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1872.			No. of Wires.	Mean Polar Distance 1872.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
904		<i>Anon.</i>								912		<i>22 Piscium.</i>							
Oct. 29	10.3	23	35	23.32	5	107	46	33.2	R	Nov. 1	6.0	23	45	24.63	...	87	46	52.0	M
										5	5.9	45	24.69	...	46	52.5		M	
										11	6.0	45	24.66	...	46	52.6		M	
										12	6.0	45	24.71	...	46	51.6		M	
905		<i>18 Piscium λ</i>								913		<i>Anon.</i>							
Nov. 12	5.5	23	35	30.93	...	88	55	27.6	M	Oct. 28	9.7	23	47	56.69	...	150	43	12.1	R
										31	9.3	47	56.58	...	43	16.8		R	
906		<i>Anon.</i>								914		<i>Anon.</i>							
Oct. 17	10.0	23	35	37.23	6	107	46	47.7	R	Nov. 2	8.3	23	50	22.87	6	148	50	45.0	M
907		<i>Anon.</i>								915		<i>28 Piscium ω</i>							
Oct. 30	10.0	23	35	52.83	5	107	51	48.1	R	Oct. 10	...	28	52	44.28	...	88	50	44.0	R
										26	...	52	44.41	...	50	45.0		R	
										30	...	52	44.81	...	50	49.0		R	
908		<i>R Aquarii, Var. 1.</i>								Nov. 8	...	52	44.24	...	50	49.8		M	
Oct. 31	9.8	23	37	11.68	...	105	59	39.9	R	15	...	52	44.41	5	50	49.1		M	
										16	...	52	44.98	...	50	49.2		M	
909		<i>Sculptoris δ</i>								916		<i>29 Piscium.</i>							
Oct. 10	...	23	42	15.36	...	118	50	19.0	R	Nov. 1	5.7	23	55	15.71	...	93	44	27.2	M
21	...	42	15.46	...	50	17.5				11	5.9	55	15.86	...	44	25.3		M	
										12	5.8	55	15.85	...	44	24.5		M	
910		<i>21 Piscium.</i>								917		<i>33 Piscium.</i>							
Sep. 28	6.0	23	42	54.25	...	89	38	3.0	M	Oct. 26	...	23	58	46.97	5	96	25	26.1	R
Nov. 2	6.2	42	54.35	...	38	7.7				Nov. 5	...	58	47.06	...	25	24.6		M	
7	6.0	42	54.28	...	38	5.3													
20	6.0	42	54.16	...	38	3.7													
911		<i>Anon.</i>								918		<i>Anon.</i>							
Oct. 30	9.0	23	43	12.29	...	129	41	12.1	R	Oct. 10	9.5	23	58	59.96	5	125	50	35.9	R