
SEPARATE RESULTS
OF
OBSERVATIONS
OF THE FIXED STARS
MADE WITH THE
MADRAS MERIDIAN CIRCLE
IN THE YEAR
1875

Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
1 <i>21 Andromedæ α, Alpherat.</i>																			
Nov. 23	...	0	1	55.91	...	61	36	0.2	R										
2 <i>W. B. E. 0.28.</i>																			
Sep. 11	7.8	0	3	39.16	...	99	40	11.8	R										
14	8.0	3	39.27	...	40	18.1	R												
21	7.8	3	39.29	...	40	18.9	R												
24	8.0	3	39.21	...	40	12.8	R												
25	8.0	3	39.28	...	40	11.3	R												
3 <i>W. B. E. 0.41.</i>																			
Sep. 22	9.1	0	4	5.63	...	99	59	10.0	R										
23	9.2	4	5.62	...	59	8.4	R												
Oct. 7	9.3	4	5.54	...	59	10.7	M												
11	9.1	4	5.70	...	59	10.7	M												
12	9.2	4	5.58	...	59	8.6	M												
4 <i>W. B. E. 0.76.</i>																			
Sep. 29	9.5	0	5	58.49	...	99	24	19.7	R										
Oct. 13	9.1	5	58.68	...	24	17.9	M												
14	9.1	5	58.70	...	24	18.0	M												
22	9.0	5	58.77	...	24	18.7	M												
25	9.0	5	58.53	...	24	19.7	M												
5 <i>88 Pegasi γ, Algenib.</i>																			
Nov. 27	...	0	6	47.99	...	75	30	42.7	R										
29	...	6	47.99	...	30	42.5	R												
6 <i>T Cassiopeiæ, Var. 5.</i>																			
Nov. 3	8.2	0	16	28.63	...	34	54	3.3	R										
4	8.3	16	28.58	...	54	2.4	R												
5	8.5	16	28.47	...	54	2.0	R												
6	8.5	16	28.41	...	54	3.5	R												
8	8.3	16	28.57	...	54	2.5	R												
9	8.5	16	28.30	...	54	3.4	R												
11	8.5	16	28.32	...	54	2.4	R												
15	8.5	16	28.51	...	54	1.4	R												
16	8.5	16	28.56	...	54	3.1	R												
17	8.5	16	28.48	...	54	2.5	R												
7 <i>S Ceti, Var. 3.</i>																			
Sep. 11	9.0	0	17	41.84	...	100	1	16.2	R										
14	9.2	17	41.96	...	1	16.1	R												
21	9.0	17	42.02	...	1	16.1	R												
22	9.2	17	41.98	...	1	16.3	R												
24	9.3	17	41.74	...	1	15.9	R												
25	9.4	17	41.82	...	1	14.2	R												
28	9.5	17	41.87	...	1	14.4	R												
29	9.9	17	41.98	...	1	14.6	R												
Oct. 2	9.7	17	42.06	...	1	16.0	M												
11	10.1	17	42.12	...	1	18.3	M												
8 <i>12 Ceti.</i>																			
Nov. 16	...	0	23	39.48	...	94	38	53.5	R										
9 <i>T Piscium, Var. 3.</i>																			
Nov. 3	10.6	0	25	31.78	3	76	5	25.3	R										
4	10.5	25	31.69	3	5	23.0	R												
6	10.5	25	31.74	3	5	23.7	R												
8	10.5	25	31.99	3	5	22.2	R												
27	10.5	25	31.82	5	5	23.0	R												
30	10.5	25	31.85	...	5	21.7	R												
10 <i>Anon.</i>																			
Sep. 28	10.5	0	25	56.53	...	76	5	34.8	R										
Nov. 2	10.5	25	56.73	...	5	35.5	R												
11 <i>16 Ceti β</i>																			
Nov. 12	...	0	37	18.79	...	108	40	22.4	R										
29	...	37	18.86	...	40	23.0	R												
30	...	37	18.81	...	40	23.1	R												
12 <i>R. P. L. 10.</i>																			
Nov. 3	...	0	49	36.89	3	1	38	52.4	R										
13 <i>2 Ursæ Minoris.</i>																			
Oct. 13	...	0	52	1.05	3	4	24	53.1	M										
22	...	52	0.54	3	24	52.6	M												
23	...	52	0.44	3	24	52.7	M												
25	...	52	0.33	3	24	52.3	M												

5-63
59

41.94

89

31.78

90

53

77

28.71

18.94

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"			
Nov. 1	...	0	52	1'13	3	4	24	53'2	R	18	45 Ceti θ^1	Nov. 12	...	1	17	46'47	...	98	49	43'7	R
4	...	51	59'64	3	24	53'5	R	Dec. 1	...			17	46'36	...	49	44'0	M				
25	...	52	1'26	3	24	51'7	R	2	...			17	46'55	...	49	44'5	M				
Dec. 8	...	52	1'14	2	24	52'1	M	10	...			17	46'54	...	49	44'1	M				
14		R. P. L. 14.								11	...	17	46'57	...	49	44'7	M				
Nov. 2	...	0	55	^{30.46} 29'23	3	3	31	15'3	R	14	...	17	46'56	...	49	43'4	M				
19	...	55	^{30.24} 27'14	3	31	15'5	R	19 99 Piscium η													
30	...	55	^{30.37} 27'20	3	31	13'9	R	Nov. 29	...	1	24	47'70	...	75	17	58'4	R				
14		R. P. L. 14.—s.p.							Dec. 1	...	24	47'95	...	17	59'1	M					
Mar. 24	...	0	55	^{29.49} 27'09	3	3	31	16'9	R	2	...	24	47'63	...	17	58'8	M				
Apl. 3	...	55	^{29.71} 27'23	3	31	16'3	M	8	...	24	47'77	...	17	58'2	M						
15		71 Piscium ϵ							10	...	24	47'67	...	17	59'1	M					
Nov. 12	...	0	56	27'43	...	82	46	59'4	R	14	...	24	47'72	...	17	56'0	M				
27	...	56	27'44	...	47	0'0	R	20 106 Piscium ν													
Dec. 2	...	56	27'40	...	46	59'7	M	Nov. 30	...	1	34	55'53	...	85	8	42'2	R	50.574			
16		R. P. L. 18.							Dec. 1	...	34	55'52	...	8	44'7	M					
Oct. 11	...	1	11	40'21	3	2	5	22'0	M	8	...	34	55'55	...	8	42'8	M				
22	...	11	39'73	3	5	19'8	M	21	...	34	55'59	...	8	43'7	M						
23	...	11	39'37	3	5	22'4	M	21 6 Arietis β													
25	...	11	40'46	3	5	22'2	M	Nov. 30	...	1	47	44'05	...	69	48	11'5	R	44.11			
26	...	11	^{41.42} 38'74	3	5	22'4	M	Dec. 8	...	47	44'15	...	48	15'4	M						
27	...	11	^{41.23} 38'52	3	5	22'5	M	18	...	47	44'15	...	48	13'3	M						
Nov. 16	...	11	38'91	3	5	23'3	R	20	...	47	44'17	...	48	12'8	M						
16		R. P. L. 18—s.p.							21	...	47	44'16	...	48	13'6	M					
Mar. 20	...	1	11	39'67	2	2	5	22'6	R	22	...	47	44'34	...	48	15'1	M				
17		1 Ursæ Minoris α , Polaris.							22 13 Arietis α												
Apl. 8	...	1	13	0'61	3	1	21	29'5	M	Nov. 20	...	2	0	7'67	...	67	7	45'4	R		
12	...	12	59'39	3	21	30'3	M	Dec. 11	...	0	7'69	...	7	46'4	M						
17		1 Ursæ Minoris α , Polaris.							14	...	0	7'69	...	7	46'0	M					
Apl. 8	...	1	13	0'61	3	1	21	29'5	M	21	...	0	7'74	...	7	48'5	M				
12	...	12	59'39	3	21	30'3	M	22	...	0	7'70	...	7	47'9	M						

30.46
30.24
30.37

29.49
29.71
30.27

41.42
41.23

9 1 12 59'76 3 1 21 31'1 M

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		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"											
32 <i>57 Arietis δ</i>																													
Jan. 8	...	3	4	28.91	...	70	44	53.1	R																				
11	...	4	29.14	44	52.4	R																					
13	...	4	29.09	44	52.8	R																					
14	...	4	28.96	...	...	44	52.1	R																			
18	...	4	29.04	...	...	44	48.8	R																			
33 <i>Anon.</i>																													
Jan. 5	10.3	3	13	18.61	...	181	44	21.1	R																				
6	10.3	13	13.67	...	...	44	20.2	R																			
34 <i>R. P. L. 34.</i>																													
Jan. 2	...	3	25	44.75	3	3	45	6.2	R																				
6	...	25	44.67	8	...	45	4.8	R																					
11	...	25	44.04	8	...	45	5.4	R																					
20	...	25	43.97	3	...	45	7.6	R																					
Nov. 27	...	25	44.05	3	...	45	7.0	R																					
<i>R. P. L. 34—s.p.</i>																													
Apl. 16	...	3	25	45.78	3	3	45	11.4	M																				
21	...	25	45.26	3	...	45	9.8	M																					
23	...	25	44.77	3	...	45	8.0	M																					
24	...	25	45.54	2	...	45	9.7	M																					
27	...	25	44.81	3	...	45	10.5	M																					
May 12	...	25	45.03	3	...	45	8.5	R																					
13	...	25	45.28	3	...	45	8.3	R																					
15	...	25	45.58	3	...	45	8.3	R																					
35 <i>25 Tauri η, Aleyone.</i>																													
Jan. 2	...	3	40	3.38	...	66	17	0.6	R																				
6	...	40	3.45	...	...	16	59.2	R																			
8	...	40	3.42	...	...	16	59.9	R																			
12	...	40	3.29	...	...	17	1.6	R																			
13	...	40	3.25	...	...	17	1.0	R																			
16	...	40	3.30	...	...	17	0.1	R																			
18	...	40	3.33	...	...	16	57.4	R																			
20	...	40	3.34	...	...	16	59.5	R																			
22	...	40	3.33	...	...	16	58.5	R																			
26	...	40	3.32	...	...	16	59.5	R																			
28	...	40	3.45	...	...	16	57.2	R																			
Dec. 25	...	40	3.37	...	...	16	59.4	M																			
										36 <i>34 Eridani γ¹</i>																			
										Jan. 8	...	3	52	11.84	...	103	51	56.0	R										
										12	...	52	11.78	51	55.0	R											
										14	...	52	11.95	51	55.9	R											
										20	...	52	11.82	51	57.2	R											
										22	...	52	11.88	51	54.5	R											
										26	...	52	11.76	51	55.0	R											
										27	...	52	11.81	51	53.6	R											
										29	...	52	11.84	51	56.0	R											
										Dec. 11	...	52	11.77	51	56.2	M											
										37 <i>R. P. L. 35.</i>																			
										Jan. 13	...	3	57	57.95	3	4	46	39.9	R										
										18	...	57	57.88	3	...	46	39.0	R											
										28	...	57	57.82	3	...	46	37.9	R											
										<i>R. P. L. 35—s.p.</i>																			
										Apl. 13	...	3	57	56.77	3	4	46	42.4	M										
										June 9	...	57	59.08	5	...	46	42.2	M											
										July 16	...	57	58.72	3	...	46	42.9	R											
										3 <i>Lalande 7655.</i>																			
										Dec. 21	8.0	4	1	4.42	...	70	35	53.5	M										
										22	8.0	1	4.66	35	53.3	M											
										25	8.0	1	4.63	35	53.2	M											
										39 <i>Anon.</i>																			
										Jan. 27	10.0	4	3	6.40	...	67	14	27.9	R										
										28	10.0	3	6.38	14	27.8	R											
										29	10.0	3	6.14	14	26.4	R											
										30	10.0	3	6.28	14	26.6	R											
										40 <i>Anon.</i>																			
										Nov. 19	10.0	4	4	2.46 ⁵⁶	...	ε	23.2	R											
										20	10.0	4	2.66	9		R											
										41 <i>T Tauri, Var. 4.</i>																			
										Jan. 6	10.8	4	4	27.57	4	60	30	55.1	R										
										8	11.0	4	27.76	2	...	30	56.5	R											
										11	11.0	4	27.54	3	...	30	54.0	R											

45.55

11.87

6.12

25

25Z

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		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
42 <i>Anon.</i>										49 <i>87 Tauri α, Aldebaran.</i>									
Jan. 20	10.2	4	5	12.60	...	67	14	47.2	R	Jan. 21	...	4	28	45.05	...	73	44	38.9	R
Nov. 23	10.0		5	12.93	...		14	48.3	R	23	...		28	44.94	...		44	37.2	R
27	10.0		5	12.85	...		14	48.4	R	28	...		28	44.88	...		44	38.6	R
29	10.0		5	12.77	...		14	45.5	R	30	...		28	44.99	...		44	39.3	R
30	10.0		5	12.61	...		14	48.8	R										
43 <i>Anon.</i>										50 <i>V Tauri, Var. 8.</i>									
Feb. 2	10.0	4	5	38.97	...	67	13	57.3	M	Jan. 11	10.0	4	44	48.45	...	72	40	36.5	R
3	9.9		5	38.90	...		13	57.1	M	12	10.0		44	48.53	...		40	37.1	R
4	10.0		5	38.78	...		13	58.4	M	13	10.0		44	48.57	...		40	35.9	R
5	9.8		5	38.72	...		13	58.5	M	14	10.1		44	48.49	...		40	38.0	R
6	9.8		5	38.82	...		13	58.2	M	16	9.9		44	48.41	...		40	33.6	R
										18	9.9		44	48.41	...		40	34.4	R
										20	9.9		44	48.61	...		40	35.1	R
										21	9.8		44	48.57	...		40	33.9	R
										22	9.8		44	48.34	...		40	32.5	R
										27	9.8		44	48.50	...		40	34.4	R
44 <i>38 Eridani α</i>										51 <i>3 Aurigæ ε</i>									
Jan. 16	...	4	5	45.78	...	97	9	53.1	R	Jan. 23	...	4	48	51.23	...	57	2	1.6	R
23	...		5	45.84	...		9	51.9	R	26	...		48	51.33	...		2	3.4	R
										29	...		48	51.26	...		2	3.2	R
										Feb. 1	...		48	51.25	...		2	1.7	M
										3	...		48	51.41	...		2	3.9	M
										4	...		48	51.33	...		2	2.5	M
										5	...		48	51.51	...		2	3.2	M
										6	...		48	51.40	...		2	3.2	M
45 <i>U Tauri, Var. 7.</i>										52 <i>2 Leporis ε</i>									
Feb. 2	9.7	4	14	32.09	...	70	29	0.0	M	Jan. 21	...	5	0	10.09	...	112	32	24.9	R
										27	...		0	10.13	...		32	24.3	R
										28	...		0	10.12	...		32	26.0	R
										Feb. 2	...		0	10.15	...		32	26.1	M
										3	...		0	10.16	...		32	26.6	M
										4	...		0	10.13	...		32	25.4	M
										5	...		0	10.05	...		32	26.3	M
46 <i>74 Tauri ε</i>										53 <i>112 Tauri β</i>									
Jan. 18	...	4	21	19.10	...	71	5	53.2	R	Jan. 30	...	5	18	23.43	...	61	30	3.7	R
20	...		21	19.11	...		5	56.1	R	Feb. 1	...		18	23.57	...		30	1.9	M
21	...		21	19.05	...		5	55.8	R	2	...		18	23.56	...		30	2.0	M
22	...		21	19.07	...		5	54.8	R										
27	...		21	19.09	...		5	53.9	R										
29	...		21	19.08	...		5	56.4	R										
Feb. 6	...		21	19.15	...		5	56.1	M										
47 <i>Anon.</i>																			
Nov. 29	9.8	4	22	19.41	...	70	38	9.2	R										
30	9.7		22	19.29	...		38	6.4	R										
Dec. 1	9.7		22	19.53	...	4	38	9.6	M										
8	9.5		22	19.19	...		38	9.5	M										
11	9.5		22	19.36	...		38	9.2	M										
48 <i>Anon.</i>																			
Jan. 5	10.1	4	22	33.43	...	80	26	33.6	R										
6	10.1		22	33.44	...		26	33.0	R										

12.64

19.08

14.36

51.23
.24

23.40

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		h.	m. s.		°	' "				h.	m. s.		°	' "	
Feb. 3	...	5	18 23.35	...	61	30 1.6	M	60 R. P. L. 43—s.p.							
4	...		18 23.40	...		30 1.0	M	May 22	...	5	56 53.78	3	3	14 17.6	R
5	...		18 23.34	...		30 2.9	M	24	...		56 53.84	3		14 17.7	R
8	...		18 23.45	...		30 2.6	M	June 8	...		56 54.25	3		14 19.9	M
54 R. P. L. 40—s.p.								61 67 Orionis ν							
May 15	...	5	22 8.14	3	4	52 27.5	R	Feb. 11	...	6	0 26.17	...	75	13 5.5	M
18	...		22 8.65	3		52 28.5	R	62 Lalande 12072.							
19	...		22 8.58	3		52 27.0	R	Jan. 16	7.5	6	13 46.15	...	68	48 54.3	R
20	...		22 8.69	3		52 27.1	R	18	7.5		13 46.80	...		48 51.6	R
55 34 Orionis δ , Var. 1.								63 13 Geminorum μ							
Feb. 2	...	5	25 37.20	...	90	23 37.5	M	Feb. 10	...	6	15 23.88	...	67	25 27.9	M
6	...		25 37.10	...		23 35.7	M	Mar. 2	...		15 23.88	...		25 28.7	R
8	...		25 37.31	...		23 36.3	M	64 24 Geminorum γ							
56 46 Orionis ϵ								Feb. 10	...	6	80 29.52	...	78	29 45.9	M
52.17	Feb. 1	...	5 29 52.15	...	91	17 1.0	M	11	...		80 29.35	...		29 46.6	M
57 R. P. L. 42.								12	...		80 29.45	...		29 45.2	M
24.73	Jan. 30	...	5 32 ^{24.73} 22.28	3	2	41 12.1	R	13	...		80 29.50	...		29 45.5	M
58 R. P. L. 42—s.p.								15	...		80 29.39	...		29 44.9	M
May 26	...	5	32 26.67	3	2	41 12.3	R	16	...		30 29.50	...		29 47.0	M
28	...		32 26.75	3		41 9.8	R	18	...		80 29.46	...		29 47.6	M
28.62	Aug. 23	...	32 28.00	3		41 12.0	M	19	...		30 29.53	...		29 45.9	M
28.75	30	...	32 ^{28.75} 27.69	3		41 12.7	M	65 R Monocerotis, Var. 1.							
59 Anon.								Mar. 3	...	6	32 20.23	...	81	9 14.4	R
Jan. 21	9.0	5	51 27.03	...	141	51 50.9	R	4	...		32 20.21	...		9 10.2	R
22	9.0		51 27.09	...		51 54.7	R	5	...		32 20.42	...		9 14.2	R
26	9.1		51 26.95	...		51 52.7	R	66 15 Monocerotis, Var. 2.							
27	9.3		51 26.73	...		51 51.3	R	Mar. 6	4.7	6	34 5.01	...	79	59 24.5	R
								8	4.8		34 5.74	...		59 24.5	R
								9	4.9		34 5.75	...		59 24.0	R
								10	4.9		34 5.08	...		59 24.6	R
								11	5.3		34 5.68	...		59 23.9	R
								12	4.9		34 5.73	...		59 23.7	R
								13	4.9		34 5.08	...		59 24.2	R
								15	5.0		34 5.71	...		59 23.6	R
								16	5.0		34 5.94	...		59 24.5	R
								17	5.1		34 5.88	...		59 25.0	R

24.57

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52.17

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Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension. 1875.			No. of Wires.	Mean Polar Distance. 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension. 1875.			No. of Wires.	Mean Polar Distance. 1875.			Observer.
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
67		51 Cephei (Hev.).																	
Feb. 2	...	6	41	15.22	3	2	45	56.2	M	70 23 Canis Majoris γ Feb. 12 ... 6 58 6.17 ... 105 26 59.6 M 13 ... 58 6.16 ... 27 1.1 M 15 ... 58 6.19 ... 26 59.9 M 16 ... 58 6.15 ... 27 1.1 M 17 ... 58 6.24 ... 27 0.9 M 19 ... 58 6.07 ... 27 0.1 M 24 ... 58 6.19 ... 26 59.6 M 25 ... 58 6.22 ... 26 59.6 M 26 ... 58 6.15 ... 27 1.2 M 27 ... 58 6.11 ... 27 0.9 M Mar. 1 ... 58 6.24 ... 27 0.5 R 3 ... 58 6.22 ... 26 58.8 R 5 ... 58 6.4 ... 26 58.8 R 8 ... 58 6.28 ... 27 0.8 R									
11	...	41	16.33	3	45	55.0	M												
18	...	41	15.62	3	45	56.8	M												
51 Cephei (Hev.)—s.p.																			
June 4	...	6	41	15.95	3	2	46	0.2	M										
22	...	41	16.40	3	45	58.9	M												
25	...	41	15.84	3	45	57.2	M												
26	...	41	15.38	2	45	57.6	M												
29	...	41	16.08	3	46	0.5	M												
30	...	41	15.47	3	45	59.0	M												
Aug. 9	...	41	16.22	3	45	57.5	M												
17	...	41	15.17	3	45	59.3	M												
18	...	41	15.25	3	45	58.8	M												
20	...	41	15.06	3	45	59.6	M												
21	...	41	15.77	3	45	58.7	M												
28	...	41	15.52	3	45	57.7	M												
24	...	41	16.30	3	45	59.2	M												
68		W. B. N. VI. 1361.																	
Feb. 15	9.0	6	46	5.89	...	70	34	59.0	M	71 66 Geminorum α², Castor. Feb. 15 ... 7 26 37.39 ... 57 50 23.2 M 17 ... 26 37.41 ... 50 21.9 M 18 ... 26 37.46 ... 50 22.6 M 20 ... 26 37.28 ... 50 22.7 M 22 ... 26 37.37 ... 50 23.6 M 23 ... 26 37.31 ... 50 21.8 M 24 ... 26 37.41 ... 50 22.9 M 25 ... 26 37.53 ... 50 23.0 M 26 ... 26 37.36 ... 50 21.9 M 27 ... 26 37.40 ... 50 23.1 M Mar. 6 ... 26 37.31 ... 50 21.2 R 10 ... 26 37.84 ... 50 21.4 R 13 ... 26 37.36 ... 50 21.4 R									
16	9.0	46	5.85	...	35	1.1	M												
17	9.0	46	5.85	...	35	0.9	M												
18	9.0	46	5.78	...	35	1.9	M												
19	9.0	46	5.91	...	34	59.7	M												
69		21 Canis Majoris ε																	
Feb. 9	...	6	53	42.85	...	118	48	14.1	M	72 R. P. L. 45—s.p. June 30 ... 7 29 ^{3.31} _{0.52} 2 1 0 24.5 M 3.31 July 2 ... 29 ^{1.11} _{4.41} 2 0 22.8 R 3.87 Aug. 18 ... 29 ^{2.11} _{0.75} 3 0 24.9 M 4.91 20 ... 29 ^{2.38} _{0.75} 4 0 24.2 M 2.98 28 ... 29 ^{2.32} _{0.80} 3 0 24.7 M 2.56 <hr/> 3.53									
10	...	53	42.73	...	48	10.3	M												
11	...	53	42.80	...	48	10.6	M												
12	...	53	42.80	...	48	12.0	M												
13	...	53	42.77	...	48	11.5	M												
16	...	53	42.80	...	48	11.8	M												
17	...	53	42.73	...	48	12.4	M												
18	...	53	42.61	...	48	11.9	M												
19	...	53	42.83	...	48	11.8	M												
24	...	53	42.76	...	48	10.9	M												
26	...	53	42.86	...	48	13.0	M												
27	...	53	42.86	...	48	11.2	M												
Mar. 1	...	53	42.74	...	48	12.8	R												
4	...	53	42.76	...	48	12.6	R												
9	...	53	42.78	...	48	10.6	R												
73		10 Canis Minoris α, Procyon.																	
Feb. 9	...	7	32	45.46	...	84	27	23.4	M	73 10 Canis Minoris α, Procyon. Feb. 9 ... 7 32 45.46 ... 84 27 23.4 M 20 ... 32 45.41 ... 27 22.8 M 22 ... 32 45.37 ... 27 22.5 M									
20	...	32	45.41	...	27	22.8	M												
22	...	32	45.37	...	27	22.5	M												

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37.48

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2.56
3.53

Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
Feb. 23	...	7	32	45.37	...	84	27	22.9	M	30	<i>Anon.</i>									
25	...		32	45.34	...		27	22.5	M		Feb. 12	9.2	7	53	44.78	...	77	48	57.6	M
Mar. 2	...		32	45.40	...		27	23.3	R		13	9.3		53	44.95	...		48	57.2	M
6	...		32	45.55	...		27	21.4	R		15	9.3		53	44.64	...		48	57.2	M
11	...		32	45.41	...		27	20.5	R		16	9.3		53	44.93	...		48	58.8	M
15	...		32	45.50	...		27	21.2	R		17	9.4		53	45.05	...		48	59.9	M
74 <i>78 Geminorum β, Pollux.</i>										31 <i>Anon.</i>										
Feb. 20	...	7	37	40.05	...	61	40	25.9	M	Feb. 20	9.3	7	53	51.89	...	149	55	27.3	M	
22	...		37	39.99	...		40	27.8	M	22	9.5		53	51.95	...		55	28.2	M	
23	...		37	40.06	...		40	25.1	M	23	9.4		53	52.19	...		55	25.6	M	
Mar. 5	...		37	39.84	...		40	24.8	R	24	9.4		53	51.92	...		55	28.8	M	
10	...		37	39.86	...		40	25.4	R	25	9.4		53	52.00	...		55	29.4	M	
75 <i>Taylor 3290.</i>										32 <i>Anon.</i>										
Feb. 8	7.6	7	46	33.45	...	144	29	38.8	M	Feb. 9	9.1	7	53	55.49	5	149	54	32.1	M	
9	7.7		46	33.44	...		29	37.8	M	11	9.3		53	55.39	...		54	32.3	M	
11	7.8		46	33.61	...		29	37.5	M	33 <i>6 Cancri.</i>										
13	7.8		46	33.48	5		29	37.7	M	Mar. 3	...	7	55	50.26	...	61	51	25.6	R	
76 <i>R. P. L. 49.</i>										4	...		55	50.26	...		51	25.6	R	
Mar. 6	...	7	46	43.87	3	5	35	18.2	R	6	...		55	50.24	...		51	25.5	R	
10	...		46	43.94	3		35	16.7	R	9	...		55	50.25	...		51	24.8	R	
77 <i>Anon.</i>										11	...		55	50.25	...		51	24.3	R	
Mar. 2	11.5	7	47	48.91	...	67	44	26.4	R	34 <i>15 Argus ι</i>										
3	11.5		47	48.73	...		44	26.4	R	Mar. 1	...	8	2	13.32	...	113	56	43.7	R	
78 <i>W. B. E. VII. 1477.</i>										2	...		2	13.38	...		56	43.2	R	
Feb. 18	8.8	7	51	8.56	...	77	38	11.3	M	5	...		2	13.28	...		56	41.8	R	
19	8.8		51	8.63	...		38	10.6	M	8	...		2	13.29	...		56	42.8	R	
26	8.9		51	8.59	...		38	10.3	M	10	...		2	13.28	...		56	43.6	R	
27	8.9		51	8.60	...		38	10.9	M	12	...		2	13.19	...		56	41.6	R	
Mar. 1	8.8		51	8.66	...		38	10.8	R	16	...		2	13.23	...		56	42.8	R	
79 <i>Anon.</i>										35 <i>Lalande 16007.</i>										
Feb. 3	9.6	7	52	19.19	6	151	42	13.6	M	Feb. 11	8.0	8	4	52.42	...	78	26	48.6	M	
										12	8.0		4	52.42	...		26	47.8	M	
										13	8.0		4	52.48	...		26	48.4	M	
										15	8.0		4	52.21	...		26	48.3	M	
										16	8.0		4	52.54	...		26	48.4	M	

4876

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Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
86 <i>Anon.</i>									92 <i>11 Hydræ ε</i>										
Feb. 8	9.5	8	12	10.64	5	131	52	35.7	M	Feb. 9	...	8	40	9.33	...	33	7	26.1	M
9	9.7			12 10.81	4		52	35.5	M	Mar. 3	...		40	9.33	...		7	26.4	R
10	9.6			12 10.92	...		52	31.6	M	12	...		40	9.37	...		7	24.6	R
11	9.7			12 10.75	5		52	34.0	M	13	...		40	9.31	...		7	25.4	R
13	9.7			12 10.94	5		52	34.0	M	16	...		40	9.27	...		7	24.4	R
										17	...		40	9.33	...		7	24.6	R
87 <i>Anon.</i>									93 <i>R. P. L. 60.</i>										
Feb. 15	9.5	8	12	18.24	4	131	44	52.1	M	Feb. 17	...	8	48	55.15	3	5	19	20.3	M
16	9.6			12 18.34	...		44	50.1	M	Mar. 3	...		48	53.45	3		19	18.7	R
17	9.5			12 18.19	...		44	50.6	M										
18	9.5			12 18.14	...		44	50.9	M										
88 <i>V Cancri, Var. 5.</i>									94 <i>83 Cancri.</i>										
Mar. 4	7.8	8	14	35.92	...	72	19	11.4	R	Mar. 12	...	9	12	0.13	...	71	45	57.2	R
5	7.8			14 35.74	...		19	12.7	R										
6	8.2			14 35.68	...		19	11.8	R										
8	8.6			14 35.51	...		19	12.9	R										
9	9.0			14 35.71	...		19	12.1	R										
10	9.4			14 35.60	...		19	12.1	R										
11	9.5			14 35.64	...		19	11.2	R										
12	9.5			14 35.61	...		19	11.1	R										
13	9.6			14 35.64	...		19	12.7	R										
15	9.7			14 35.53	...		19	11.4	R										
89 <i>20 Cancri δ¹.</i>									95 <i>R. P. L. 69.</i>										
Feb. 19	6.0	8	16	12.27	5	71	16	5.9	M	Mar. 17	...	9	36	23.55	3	2	49	43.1	R
90 <i>33 Cancri η</i>									96 <i>17 Leonis ε</i>										
Mar. 4	...	8	25	28.73	...	69	8	6.8	R	Mar. 13	...	9	38	45.20	...	65	39	3.2	R
9	...			25 28.71	...		8	6.8	R	15	...		38	45.18	...		39	3.1	R
11	...			25 28.76	...		8	6.2	R	18	...		38	45.17	...		39	4.4	R
15	...			25 28.68	...		8	6.8	R										
17	...			25 28.62	...		8	7.5	R										
91 <i>U Cancri, Var. 4.</i>									97 <i>R. P. L. 70.</i>										
Feb. 22	10.3	8	28	38.32	...	70	40	32.9	M	Mar. 13	...	9	48	16.23	3	5	28	54.2	R
23	10.4			28 37.73	...		40	34.7	M	20	...		48	16.59	3		28	52.8	R
24	10.4			28 37.51	...		40	24.1	M										
25	10.4			28 37.57	...		40	27.1	M										
26	10.5			28 37.46	...		40	25.0	M										
Mar. 2	10.0			28 38.89	...		40	31.5	R										
									98 <i>29 Leonis π</i>										
									99 <i>R. P. L. 70—s.p.</i>										
									Aug. 18	...	9	48	16.25	3	5	28	53.7	M	
									Mar. 16	...	9	53	36.45	...	81	21	23.8	R	

18.18

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Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
99 Taylor 4503.										106 Taylor 4850—1st.									
Feb. 9	8.0	10	1	33.27	...	77	23	36.4	M	Mar. 13	9.3	10	39	4.74	...	148	53	46.0	R
10	8.0		1	33.28	...		23	34.5	M	15	9.5		39	4.49	...		53	42.7	R
11	8.1		1	33.46	...		23	34.7	M	16	9.5		39	4.48	...		53	43.9	R
12	8.0		1	33.23	...		23	35.4	M										
15	8.0		1	33.24	...		23	35.4	M										
100 32 Leonis a, Regulus.										107 Taylor 4852—2nd.									
Mar. 17	...	10	1	42.87	...	77	25	20.7	R	Mar. 17	9.2	10	39	19.01	...	148	55	19.0	R
20	...		1	42.81	...		25	21.3	R										
29	...		1	42.85	...		25	22.0	M										
101 R. P. L. 72.										108 53 Leonis l.									
Feb. 19	...	10	11	9.67	3	5	6	55.5	M	Mar. 18	...	10	42	41.12	...	78	47	35.3	R
										22	...		42	41.20	...		47	35.2	R
										23	...		42	41.10	...		47	35.7	R
										25	...		42	41.12	...		47	34.6	R
										26	...		42	41.12	...		47	34.2	R
										27	...		42	41.18	...		47	37.9	M
										31	...		42	41.07	...		47	36.2	M
										Apl. 2	...		42	41.13	...		47	37.7	M
										3	...		42	41.17	...		47	37.5	M
										7	...		42	41.13	...		47	37.3	M
102 41 Leonis gamma 1										109 63 Leonis chi									
Mar. 19	...	10	13	4.68	...	69	31	38.3	R	Mar. 20	...	10	58	34.03	...	81	59	18.6	R
27	...		13	4.68	...		31	39.0	M	24	...		58	34.13	...		59	16.4	R
29	...		13	4.77	...		31	38.1	M	26	...		58	34.12	...		59	15.9	R
Apl. 1	...		13	4.64	...		31	37.6	M	27	...		58	34.05	...		59	19.1	M
										31	...		58	34.15	...		59	17.6	M
										Apl. 6	...		58	34.08	...		59	18.8	M
										7	...		58	34.06	...		59	17.7	M
										8	...		58	34.13	...		59	17.7	M
										9	...		58	34.11	...		59	18.9	M
										10	...		58	34.02	...		59	18.7	M
										12	...		58	34.07	...		59	17.8	M
103 30 Sextantis.										110 68 Leonis delta									
Feb. 20	6.0	10	23	53.99	...	89	59	46.0	M	Mar. 19	...	11	7	27.57	...	68	47	30.1	R
22	6.0		23	54.11	...		59	46.8	M	23	...		7	27.41	...		47	28.9	R
										25	...		7	27.46	...		47	26.2	R
										31	...		7	27.52	...		47	27.6	R
										Apl. 1	...		7	27.43	...		47	29.1	M
										2	...		7	27.56	...		47	30.1	M
										3	...		7	27.48	...		47	30.2	M
104 Anon.																			
Feb. 23	10.5	10	23	57.46	5	75	8	38.1	M										
105 47 Leonis rho																			
Mar. 18	...	10	26	13.73	...	80	3	0.5	R										
22	...		26	13.62	...		3	0.5	R										
29	...		26	13.58	...		3	2.3	M										
Apl. 1	...		26	13.71	...		3	2.0	M										
2	...		26	13.68	...		3	1.9	M										
3	...		26	13.74	...		3	2.3	M										

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Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.				
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"					
27-49	Apl. 6	...	11	7	27 ⁵⁹	...	68	47	31.0	M	115	R. P. L. 87—s.p.							M				
	7	...		7	27 ⁵²	...		47	30.2	M													
	8	...		7	27 ⁴⁶	...		47	29.6	M													
	9	...		7	27 ⁴⁷	...		47	29.1	M													
	12	...		7	27 ⁵⁸	...		47	29.7	M													
	13	...		7	27 ³⁷	...		47	30.0	M													
	14	...		7	27 ⁴⁷	...		47	30.1	M													
5-57 50	111 12 Crateris δ									M	116	R. P. L. 89—s.p.							M				
	Mar. 19	...	11	13	5 ⁵²	...	104	8	1			R											
	24	...		13	5 ⁵⁶	...		6	5.9			R											
	26	...		13	5 ⁴⁷	...		6	6.8			R											
	Apl. 10	...		13	5 ⁵⁷	...		6	6.6			M											
	12	...		13	5 ⁵⁰	...		6	7.6			M											
	13	...		13	5 ⁶⁰	...		6	8.3			M											
27-1	112 Anon.									M	117	2 Corvi ε							M				
	Feb. 24	10.5	11	27	0 ⁵⁰	...	151	41	24.0			M											
	25	10.5		27	0 ⁰⁹	...		41	29.1			M											
32-91 80 91	113 91 Leonis ν									M	118	R. P. L. 90.							M				
	Mar. 22	...	11	30	32 ³⁶	...	90	7	59.7			R											
	24	...		30	32 ³³	...		7	58.5			R											
	25	...		30	32 ³⁹	...		7	50.6			R											
	Apl. 5	...		30	32 ⁹³	...		8	1.5			M											
	6	...		30	32 ⁸⁰	...		8	1.3			M											
	8	...		30	32 ⁹⁰	...		7	59.8			M											
	9	...		30	32 ⁹⁰	...		7	59.3			M											
	15	...		30	32 ⁹²	...		7	59.6			M											
	16	...		30	32 ⁸¹	...		8	0.6			M											
	17	...		30	33 ⁰⁰	...		8	1.1			M											
	11-98 16 76 81 97 90	114 94 Leonis β, Deneb.										M	119	T Virginis, Var. 4.							M		
		Mar. 20	...	11	42	41 ⁰⁶	...	74	43					45.3	R								
		23	...		42	41 ⁰⁶	...		43					43.2	R								
Apl. 5		...		42	40 ⁹³	...		43	45.8	M													
10		...		42	40 ⁹⁷	...		43	45.6	M													
13		...		42	41 ⁰⁵	...		43	44.4	M													
14		...		42	40 ⁹⁶	...		43	46.6	M													
16		...		42	41 ⁰¹	...		43	45.8	M													
17		...		42	40 ⁹⁰	...		43	46.4	M													
Mar. 18		9.6	12	8	11 ⁸⁵	...	95	20	29.4	R													
19		9.8		8	11 ⁹³	...		20	29.2	R													
20		9.8		8	11 ⁹⁹	...		20	29.3	R													
22		10.1		8	11 ⁹⁰	...		20	26.7	R													
23		9.9		8	12 ¹¹	...		20	26.2	R													
24	9.8		8	12 ¹³	...		20	25.6	R														
25	...		8	11 ⁷⁹	...		20	26.1	R														
26	9.8		8	11 ⁹⁶	...		20	25.6	R														
Apl. 3	9.8		8	11 ⁸²	...		20	23.2	M														
5	9.7		8	11 ⁷⁹	...		20	27.2	M														

52 58.26
59.12

41.98

11.98
16
76
81
97
90

Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.		
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"			
120 <i>Anon.</i>										R. P. L. 93—s.p.											
Apl. 13	8.6	12	8	37.73	...	138	27	15.5	M	Oct. 28	...	12	14	^{20.29} 22.33	3	1	36	26.5	M	20.29	
14	8.6		8	37.65	...		27	16.0	M	29	...	14	^{20.27} 21.40	3		36.	25.6	M	20.37		
15	8.6		8	37.62	...		27	16.5	M	Nov. 1	...	14	^{20.26} 21.74	2		36	24.9	R	20.36		
16	8.7		8	37.58	...		27	17.3	M	2 14 24.15 3 28.4 R											
24	8.8		8	37.55	...		27	16.9	M	125 <i>Anon.</i>											
										Mar. 18	9.0	12	17	55.33	...		24	46	44.1	R	
										19	9.0		17	55.33	...		46	44.5	R		
121 <i>Anon.</i>										126 <i>a Crucis—2nd.</i>											
Apl. 17	9.5	12	10	31.40	...	138	29	42.7	M	Feb. 26	...	12	19	40.34	...	152	24	25.7	M		
27	9.7		10	31.34	...		29	46.4	M	27	...		19	40.23	...		24	26.0	M		
28	9.6		10	31.42	...		29	43.4	M	Mar. 22	...	19	40. ²⁰ 25	...		24	28.0	R	40.30		
May 4	9.6		10	31. ⁵⁶ 29	...		29	43.2	R	23	...	19	40. ⁵⁵ 25	...		24	26.0	R	29		
										24	...	19	40. ³⁷ 27	...		24	24.7	R	37		
122 <i>Anon.</i>										127 <i>Anon.</i>											
Mar. 24	9.0	12	11	25. ⁴⁹ 37	5	138	25	34.9	R	May 13	9.5	12	25	11.77	...	151	48	34.2	R		
25	...		11	25. ⁵⁷ 56	...		25	37.7	R	15	9.5		25	11.53	...		48	34.6	R		
26	9.0		11	25. ⁴⁶ 54	...		25	37.5	R	128 <i>9 Corvi β</i>											
										Apl. 16	...	12	27	49.31	...	112	42	22.4	M		
										20	...		27	49.40	...		42	18.7	M		
										22	...		27	49.33	...		42	17.3	M		
										May 4	...		27	49. ³⁵ 35	...		42	19.0	R	49.35	
123 <i>R. P. L. 92.</i>										129 <i>R. P. L. 98—s.p.</i>											
Apl. 9	...	12	13	^{10.99} 12.02	3	2	52	8.1	M	Nov. 16	...	12	48	5.97	3	5	54	10.5	R		
23	...		13	12.00	5		52	9.1	M	19	...		48	^{6.53} 6.45	3		54	6.7	R	6.53	
May 5	...		13	^{10.39} 12.31	3		52	8.3	R	30	...		48	^{6.53} 6.42	3		54	7.1	R	6.53	
										130 <i>R. P. L. 99.</i>											
										Apl. 16	...	12	27	49.31	...	112	42	22.4	M		
										20	...		27	49.40	...		42	18.7	M		
										22	...		27	49.33	...		42	17.3	M		
										May 4	...		27	49. ³⁵ 35	...		42	19.0	R	49.35	
										129 <i>R. P. L. 98—s.p.</i>											
										Nov. 16	...	12	48	5.97	3	5	54	10.5	R		
										19	...		48	^{6.53} 6.45	3		54	6.7	R	6.53	
										30	...		48	^{6.53} 6.42	3		54	7.1	R	6.53	
										130 <i>R. P. L. 99.</i>											
										Apl. 3	...	12	48	^{14.12} 14.02	3	5	54	26.2	M	14.12	
										R. P. L. 99—s.p.											
										Oct. 11	...	12	48	14.85	3	5	54	26.6	M		

31.56

26.49
.64
.46

10.99
11.46
10.29

11.99
11.29
12.77

Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.																																																																						
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"																																																																							
131 12 Canum Venaticorum α									134 67 Virginis α , Spica.																																																																																
Apl. 15	...	12	50	10 ⁶²	...	51	0	22 ¹	M	Apl. 19	...	18	18	36 ⁵⁵	6	100	30	29 ⁵	M																																																																						
17	...	50	10 ⁵⁹	0	23 ⁸	M	21	...	18	36 ³⁹	30	29 ⁴	M																																																																								
19	...	50	10 ⁷⁹	0	22 ⁴	M	22	...	18	36 ⁴⁷	30	28 ⁷	M																																																																								
20	...	50	10 ⁷⁴	0	22 ⁰	M	23	...	18	36 ⁴⁴	30	30 ⁰	M																																																																								
21	...	50	10 ⁷⁵	0	23 ²	M	24	...	18	36 ⁴⁰	30	28 ⁴	M																																																																								
22	...	50	10 ⁶⁹	0	22 ²	M	26	...	18	36 ⁵¹	30	28 ²	M																																																																								
23	...	50	10 ⁷¹	0	23 ²	M	27	...	18	36 ⁵⁴	30	28 ³	M																																																																								
24	...	50	10 ⁷²	0	20 ⁷	M	28	...	18	36 ⁴⁷	30	28 ⁴	M																																																																								
26	...	50	10 ⁶⁹	0	22 ⁸	M	May 3	...	18	36 ⁵⁴	30	27 ⁰	R																																																																								
27	...	50	10 ⁵⁷	0	21 ⁷	M	14	...	18	36 ⁴⁹	80	28 ⁰	R																																																																								
28	...	50	10 ⁷⁴	0	22 ¹	M	135 W Virginis, Var. 9.																																																																																
29	...	50	10 ⁶⁴	0	22 ¹	M	Mar. 19	9 ³	13	19	35 ²⁸	...	92	43	41 ⁴	R																																																																							
80	...	50	10 ⁷⁴	0	20 ⁸	M	20	9 ⁵	19	35 ²⁵	43	40 ⁹	R																																																																								
132 51 Virginis θ									<table border="1"> <tr> <td>Mar. 22</td><td>9⁵</td><td>19</td><td>35¹²</td><td>...</td><td>...</td><td>43</td><td>39³</td><td>R</td> </tr> <tr> <td>23</td><td>9⁵</td><td>19</td><td>35²⁹</td><td>...</td><td>...</td><td>43</td><td>39⁸</td><td>R</td> </tr> <tr> <td>24</td><td>9⁵</td><td>19</td><td>35²⁸</td><td>...</td><td>...</td><td>43</td><td>38⁷</td><td>R</td> </tr> <tr> <td>25</td><td>...</td><td>19</td><td>35²⁸</td><td>...</td><td>...</td><td>43</td><td>36⁹</td><td>R</td> </tr> <tr> <td>26</td><td>9⁶</td><td>19</td><td>35²⁵</td><td>...</td><td>...</td><td>43</td><td>38⁸</td><td>R</td> </tr> <tr> <td>Apl. 3</td><td>9⁹</td><td>19</td><td>35¹⁵</td><td>...</td><td>...</td><td>43</td><td>40³</td><td>M</td> </tr> <tr> <td>6</td><td>9⁹</td><td>19</td><td>35³⁷</td><td>...</td><td>...</td><td>43</td><td>42⁴</td><td>M</td> </tr> <tr> <td>7</td><td>10⁰</td><td>19</td><td>35⁰⁹</td><td>...</td><td>...</td><td>43</td><td>42⁵</td><td>M</td> </tr> </table>									Mar. 22	9 ⁵	19	35 ¹²	43	39 ³	R	23	9 ⁵	19	35 ²⁹	43	39 ⁸	R	24	9 ⁵	19	35 ²⁸	43	38 ⁷	R	25	...	19	35 ²⁸	43	36 ⁹	R	26	9 ⁶	19	35 ²⁵	43	38 ⁸	R	Apl. 3	9 ⁹	19	35 ¹⁵	43	40 ³	M	6	9 ⁹	19	35 ³⁷	43	42 ⁴	M	7	10 ⁰	19	35 ⁰⁹	43	42 ⁵	M
Mar. 22	9 ⁵	19	35 ¹²	43	39 ³	R																																																																																	
23	9 ⁵	19	35 ²⁹	43	39 ⁸	R																																																																																	
24	9 ⁵	19	35 ²⁸	43	38 ⁷	R																																																																																	
25	...	19	35 ²⁸	43	36 ⁹	R																																																																																	
26	9 ⁶	19	35 ²⁵	43	38 ⁸	R																																																																																	
Apl. 3	9 ⁹	19	35 ¹⁵	43	40 ³	M																																																																																	
6	9 ⁹	19	35 ³⁷	43	42 ⁴	M																																																																																	
7	10 ⁰	19	35 ⁰⁹	43	42 ⁵	M																																																																																	
Apl. 19	...	13	3	28 ⁵⁶	...	94	52	16 ⁰	M	136 R. P. L. 103—s.p.																																																																															
20	...	3	28 ⁵²	52	16 ⁴	M	Oct. 30	...	13	19	45 ²⁴	3	4	35	34 ⁵	M																																																																							
21	...	3	28 ⁷¹	52	15 ¹	M	Nov. 1	...	19	44 ⁴⁹	3	...	35	31 ⁶	R																																																																								
23	...	3	28 ⁷³	52	16 ⁵	M	2	...	19	45 ³⁵	7	...	35	32 ⁴	R																																																																								
24	...	3	28 ⁶⁷	52	15 ⁶	M	3	...	19	44 ⁴⁸	7	...	35	32 ⁵	R																																																																								
26	...	3	28 ⁶⁸	52	14 ⁵	M	137 V Virginis, Var. 7.																																																																																
27	...	3	28 ⁷⁹	52	15 ¹	M	Apl. 29	9 ⁹	13	21	21 ⁰⁷	...	92	31	31 ⁴	M																																																																							
28	...	3	28 ⁶⁸	52	15 ⁵	M	30	9 ⁹	21	20 ⁹¹	31	28 ³	M																																																																								
29	...	3	28 ⁷⁴	52	16 ⁰	M	May 1	9 ⁹	21	21 ¹¹	31	27 ²	R																																																																								
30	...	3	28 ⁷²	52	14 ²	M	4	10 ⁰	21	20 ⁹³	31	26 ⁸	R																																																																								
May 4	...	3	28 ⁷⁴	52	14 ¹	R	6	10 ¹	21	21 ²⁹	31	26 ⁷	R																																																																								
5	...	3	28 ⁷⁵	52	15 ²	R	7	10 ⁵	21	21 ²⁵	31	26 ⁴	R																																																																								
7	...	3	28 ⁷⁹	52	14 ⁷	R	8	10 ⁵	21	21 ⁰⁰	31	27 ⁷	R																																																																								
10	...	3	28 ⁷¹	52	16 ⁰	R	138 Anon.																																																																																
13	...	3	28 ⁷⁵	52	16 ⁴	R	May 13	10 ⁹	13	23	51 ⁹²	...	88	41	39 ⁸	R																																																																							
31	...	3	28 ⁷⁴	52	16 ⁸	R	15	10 ⁹	23	51 ⁹⁵	41	39 ⁰	R																																																																								
133 R. P. L. 101.									<table border="1"> <tr> <td>Mar. 23</td><td>...</td><td>13</td><td>8</td><td>27³⁴ 30⁰⁵</td><td>3</td><td>1</td><td>40</td><td>49⁵</td><td>R</td> </tr> <tr> <td>24</td><td>...</td><td>8</td><td>80⁰⁸</td><td>3</td><td>...</td><td>40</td><td>49⁷</td><td>R</td> </tr> </table>									Mar. 23	...	13	8	27 ³⁴ 30 ⁰⁵	3	1	40	49 ⁵	R	24	...	8	80 ⁰⁸	3	...	40	49 ⁷	R																																																					
Mar. 23	...	13	8	27 ³⁴ 30 ⁰⁵	3	1	40	49 ⁵	R																																																																																
24	...	8	80 ⁰⁸	3	...	40	49 ⁷	R																																																																																	
R. P. L. 101—s.p.									<table border="1"> <tr> <td>Dec. 8</td><td>...</td><td>13</td><td>8</td><td>28⁴¹</td><td>8</td><td>1</td><td>40</td><td>51¹</td><td>M</td> </tr> </table>									Dec. 8	...	13	8	28 ⁴¹	8	1	40	51 ¹	M																																																														
Dec. 8	...	13	8	28 ⁴¹	8	1	40	51 ¹	M																																																																																

12-75

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28-58
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36-65

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43-27

21-09

20-90

Separate Results of Madras Meridian Circle Observations in 1875.

19.50

11.87
89
83

43.89
182
4.78
43.93

48.79

48.63

4.82

43.95

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
139 79 Virginis ζ									May 6	...	13	48	44.04	...	70	58	29.0	R		
Apl. 5	...	13	28	19.44	...	89	57	22.6	M	7	...	48	43.98	...	58	28.5	R			
May 1	...	28	19.49	...	...	57	20.4	R	10	...	48	44.10	...	58	28.2	R		
5	...	28	19.49	...	...	57	21.4	R	12	...	48	43.93	...	58	29.1	R		
6	...	28	19.44	...	...	57	21.3	R	14	...	48	43.98	...	58	27.1	R		
8	...	28	19.48	...	...	57	20.9	R	17	...	48	43.97	...	58	27.3	R		
11	...	28	19.46	...	...	57	21.6	R	19	...	48	44.03	...	58	29.1	R		
15	...	28	19.56	...	...	57	22.1	R	31	...	48	44.03	...	58	29.1	R		
31	...	28	19.51	...	...	57	21.8	R	June 3	...	48	44.03	...	58	29.1	M		
140 Anon.									146 β Centauri.											
Mar. 19	9.0	13	36	11.98	...	137	1	45.1	R	Mar. 23	...	13	55	0.75 ^{1.34}	...	149	46	4.9	R	
20	9.2	36	11.97	...	...	1	43.9	R	23	...	55	1.68 ^{3.2}	...	46	5.7	R		
22	9.5	36	11.96 ^{8.1}	...	...	1	41.8	R	Apl. 19	...	55	0.95 ^{1.34}	...	46	6.4	M		
23	9.5	36	11.95 ^{8.3}	1	42.2	R												
24	9.4	36	11.72 ^{8.3}	1	43.8	R												
141 Bonn +0°.3091.									147 93 Virginis τ											
Apl. 10	10.4	13	36	30.77	...	89	38	19.1	M	May 3	...	13	55	17.14 ²	...	87	50	56.7	R	
									4	...	55	17.14 ²	...	50	57.5	R				
									6	...	55	17.15	...	50	56.9	R				
									8	...	55	17.19	...	50	57.2	R				
									11	...	55	17.17	...	50	57.0	R				
									13	...	55	17.12	...	50	59.5	R				
									15	...	55	17.07	...	50	58.2	R				
									18	...	55	17.16	...	50	57.9	R				
									31	...	55	17.26	...	50	58.5	R				
									June 2	...	55	17.17	...	50	58.9	M				
									3	...	55	17.12	...	50	58.9	M				
142 Lacaille 5561.									148 Anon.											
Mar. 26	7.8	13	37	43.76 ^{3.7}	...	138	9	48.4	R	Apl. 15	9.7	14	1	8.83	...	150	54	17.9	M	
27	7.9	37	43.65 ^{8.3}	...	5	9	49.7	M												
Apl. 1	7.9	37	43.62 ^{4.05}	...	4	9	51.0	M												
143 Anon.									149 R. P. L. 108.											
Apl. 3	8.5	13	39	48.56 ^{7.5}	...	5	138	53	30.7	M	Apl. 6	...	14	2	29.84	3	3	38	39.5	M
5	8.5	39	48.50	53	30.0	M												
6	8.4	39	48.65	53	29.4	M												
7	8.5	39	48.32 ^{4.3}	53	29.0	M												
144 Anon.									R. P. L. 108—s.p.											
Apl. 8	8.2	13	40	4.88 ^{2.1}	...	138	32	19.2	M	Dec. 18	...	14	2	30.23	3	3	38	40.3	R	
9	8.4	40	4.74 ^{2.1}	32	18.0	M												
145 8 Bootis η																				
Apl. 29	...	13	48	43.99	...	70	58	28.7	M											
30	...	48	43.91	58	30.2	M												
May 1	...	48	43.92	58	27.7	R												
3	...	48	44.00 ^{2.95}	58	27.3	R												

1.34
1.30
1.04

17.07

Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
150 <i>Anon.</i>										156 <i>Anon.</i>									
Mar. 20	9.3	14	3	7.46	...	101	48	35.8	R	Apl. 8	10.3	14	20	5.75	...	124	31	47.5	M
22	9.5	3	7.32	...	48	35.1	R	12	10.3	20	5.75	...	31	47.5	M	5.76			
23	9.5	3	7.40	...	48	34.8	R	14	10.3	20	5.74	...	31	49.5	M	7.2			
24	9.5	3	7.35	...	48	33.9	R									8.75			
Apl. 7	9.3	3	7.41	...	48	34.7	M												
8	9.1	3	7.28	...	48	34.6	M												
151 <i>Anon.</i>										157 <i>25 Bootis p</i>									
Apl. 9	10.4	14	5	23.12	...	102	9	58.1	M	May 18	...	14	26	26.54	...	59	4	43.7	R
13	10.4	5	23.37	...	9	58.4	M	19	...	26	26.58	...	4	44.2	R				
16	10.4	5	23.13	...	9	56.2	M	22	...	26	26.55	...	4	43.5	R				
19	10.5	5	23.25	...	9	57.2	M	26	...	26	26.59	...	4	44.0	R				
23	10.4	5	23.25	...	9	57.5	M	31	...	26	26.50	...	4	44.7	R				
24	10.4	5	23.33	...	9	57.3	M	June 1	...	26	26.61	...	4	44.6	M				
26	10.5	5	23.34	...	9	57.9	M	2	...	26	26.50	...	4	45.5	M				
27	10.4	5	23.39	...	9	56.7	M	3	...	26	26.68	...	4	44.7	M				
28	10.4	5	23.37	...	9	56.1	M	5	...	26	26.53	...	4	43.1	M				
								7	...	26	26.61	...	4	43.9	M				
								9	...	26	26.49	...	4	44.0	M				
152 <i>Anon.</i>										158 <i>O. A. N. 14652.</i>									
Mar. 26	9.0	14	6	48.84	...	102	21	15.1	R	Mar. 26	9.0	14	27	11.23	...	20	9	52.0	R
Apl. 5	9.0	6	48.91	...	21	17.0	M												
153 <i>16 Bootis a, Arcturus.</i>										159 <i>a¹ Centauri.</i>									
May 5	...	14	9	57.60	...	70	9	56.6	R	Apl. 16	1.0	14	31	7.38	...	150	19	10.3	M
7	...	9	57.56	...	9	56.8	R	23	1.0	31	7.67	...	19	10.0	M	7.82			
11	...	9	57.64	...	9	57.5	R	24	1.0	31	7.52	...	19	8.3	M				
12	...	9	57.63	...	9	57.5	R												
14	...	9	57.67	...	9	55.9	R												
17	...	9	57.66	...	9	56.8	R												
20	...	9	57.58	...	9	56.4	R												
25	...	9	57.68	...	9	58.0	R												
June 2	...	9	57.57	...	9	58.5	M												
8	...	9	57.56	...	9	58.2	M												
154 <i>Anon.</i>										160 <i>a² Centauri.</i>									
Apl. 10	10.2	14	18	3.51	...	123	16	27.5	M	Apl. 3	4.0	14	31	7.71	...	150	19	3.9	M
										5	4.0	31	7.74	...	19	5.1	M	7.79	
										6	4.1	31	7.89	...	19	5.7	M		
										7	4.0	31	7.93	...	19	3.0	M	7.73	
155 <i>S Bootis, Var. 2.</i>										161 <i>36 Bootis e, Mirae.</i>									
Mar. 24	...	14	18	41.89	3	35	37	11.1	R	May 8	...	14	39	31.66	...	62	23	50.8	R
26	8.0	18	41.74	...	37	10.7	R	12	...	39	31.76	...	23	50.9	R				
									18	...	39	31.71	...	23	51.6	R			
									20	...	39	31.76	...	23	50.4	R			
									24	...	39	31.65	...	23	51.2	R			
									June 1	...	39	31.72	...	23	51.9	M			

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Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
June 3	...	14	39	31.65	...	62	23	51.8	M	166 <i>Anon.</i>										
4	...	39	31.67	...	...	23	50.4	M	Apl. 23	9.4	15	1	11.18 ²⁴	...	150	59	5.2	M	11.29
5	...	39	31.59	...	...	23	51.6	M	24	9.5	...	1	11.01	...	...	59	4.9	M	
7	...	39	31.73	...	...	23	51.3	M	28	9.6	...	1	11.15	...	...	59	5.3	M	
9	...	39	31.79	...	...	23	52.6	M	167 <i>Anon.</i>										
10	...	39	31.72	...	...	23	52.5	M	Apl. 7	8.7	15	1	59.47	...	123	20	5.1	M	5.67
11	...	39	31.75	...	...	23	52.6	M	8	8.9	...	1	59.75	...	...	20	4.6	M	
162 <i>9 Librae α³</i>									10	8.9	...	1	59.64	...	...	20	4.1	M	
May 10	...	14	43	57.82	...	105	31	17.7	R	12	9.0	...	1	59.65	20	3.9	M	
13	...	43	57.91	...	...	31	15.7	R	13	9.0	...	1	59.85	...	...	20	3.8	M	
19	...	43	57.88	...	...	31	15.5	R	163 <i>R. P. L. 111—s.p.</i>										
22	...	43	57.95	...	...	31	15.6	R	Jan. 20	...	15	4	28.38	3	5	33	58.8	R	
25	...	43	58.03	...	...	31	17.0	R	Nov. 27	...	...	4	28.50	3	...	33	59.1	R	
28	...	43	57.93	...	...	31	16.5	R	Dec. 21	...	...	4	27.90	3	...	34	0.6	M	
June 5	...	43	57.98	...	...	31	15.0	M	23	...	...	4	27.41	3	...	34	1.2	M	
7	...	43	57.85	...	...	31	16.2	M	169 <i>Anon.</i>										
8	...	43	57.82	...	...	31	14.6	M	Apl. 8	8.7	15	7	26.15	6	130	28	59.4	M	
9	...	43	57.90	...	...	31	18.3	M	170 <i>27 Librae β</i>										
10	...	43	57.87	...	...	31	15.1	M	May 17	...	15	10	16.88	...	98	55	10.8	R	
11	...	43	57.82	...	...	31	14.3	M	21	...	...	10	16.96	...	...	55	12.2	R	
163 <i>Anon.</i>									24	...	...	10	16.88	...	...	55	12.9	R	
Apl. 5	9.9	14	48	21.49	...	150	43	44.0	M	28	10	16.88	55	12.9	R	
164 <i>4.3 Bootis ψ</i>									June 1	...	...	10	16.94	...	...	55	13.6	M	
May 20	...	14	59	5.37	...	62	33	49.5	R	4	10	16.93	55	11.1	M	
21	...	59	5.35	...	...	33	49.6	R	10	...	...	10	16.90	...	...	55	12.1	M	
24	...	59	5.43	...	...	33	49.8	R	11	...	...	10	16.92	...	...	55	12.4	M	
26	...	59	5.37	...	...	33	49.2	R	12	...	...	10	16.97	...	...	55	10.8	M	
June 5	...	59	5.35	...	...	33	50.4	M	171 <i>Redhill 2293.</i>										
7	...	59	5.40	...	...	33	50.6	M	Apl. 17	...	15	13	13.71	3	4	23	40.0	M	14.86
8	...	59	5.38	...	...	33	49.9	M	19	...	...	13	14.11	3	...	23	36.6	M	12.97
12	...	59	5.37	...	...	33	49.4	M	21	...	...	13	14.06	3	...	23	37.9	M	
165 <i>Anon.</i>									30	...	...	13	14.00	3	...	23	37.7	M	
Apl. 6	9.2	15	0	57.34	...	123	28	3.9	M	May. 4	...	13	14.18	3	...	23	37.5	R	10.92	
14	9.0	0	57.34	...	...	28	2.1	M	5	...	...	13	14.31	3	...	23	37.7	R	12.32
15	9.0	0	57.23	...	...	28	1.9	M	12	...	...	13	14.48	3	...	23	33.2	R	
16	9.0	0	57.13	...	...	28	3.1	M	13	...	...	13	14.43	3	...	23	38.0	R	
17	9.0	0	57.39	...	...	28	4.1	M	15	...	...	12	14.23	3	...	23	38.9	R	

Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.
		h.	m.	s.		o.	'	"	
172 <i>R. P. L. 114.</i>									
Apl. 13	...	15	18	15 ⁸⁴ 3	2	17	22 ⁶	M	
17	...	18	18	27 ²	2	17	24 ⁹	M	
24	...	18	19	78 ³	3	17	22 ⁷	M	
May 6	...	18	15	53 ³	3	17	24 ¹	R	
7	...	18	16	50 ³	3	17	23 ⁹	R	
18	...	18	18	05 ³	3	17	23 ⁴	R	
173 <i>31 Libræ ε</i>									
Apl. 2	5.6	15	18	25 ⁴⁸ 9	...	99	52	16 ⁷	M
3	5.6	18	25	26 ³⁸	...	52	16	3	M
174 <i>W. B. E. XV. 319.</i>									
Apl. 6	9.3	15	18	47 ⁴⁶ 5	...	102	25	40 ⁴	M
7	9.1	18	47	43 ⁵	...	25	38	8	M
10	9.0	18	47	66	...	25	39	8	M
175 <i>5 Coronæ Borealis α, Alpha.</i>									
May 21	...	15	29	23 ⁷³	...	62	51	46 ⁶	R
28	...	29	23	77	...	51	48	9	R
June 1	...	29	23	62	...	51	48	7	M
4	...	29	23	73	...	51	46	3	M
7	...	29	23	79	...	51	48	4	M
8	...	29	23	00	...	51	47	8	M
176 <i>Anon.</i>									
May 1	9.4	15	29	39 ¹⁸ 5	...	119	40	0 ⁴	R
10	9.2	29	39	39	...	39	59	8	R
11	9.2	29	39	44	...	39	58	5	R
177 <i>Lalande 28530.</i>									
Apl. 8	9.0	15	32	13 ³⁴	5	47	27	28 ⁵	M
10	9.0	32	13	62	...	27	28	4	M
178 <i>Anon.</i>									
May 5	9.6	15	33	0 ⁵³ 6	...	116	38	49 ⁶	R
6	9.7	33	0	52	...	38	49	1	R
8	9.7	33	0	54	...	38	49	8	R
12	9.8	33	0	41	...	38	50	0	R
179 <i>Anon.</i>									
Apl. 29	9.4	15	34	18 ⁴⁷	...	126	37	25 ³	M
30	9.3	34	18	35 ⁴⁴	...	37	22	4	M
May 4	9.5	34	18	26	...	37	21	2	R
180 <i>24 Serpentis α</i>									
May 15	...	15	38	6 ⁷¹	...	83	10	46 ⁷	R
23	...	38	6	71	...	10	44	4	R
26	...	38	6	71	...	10	45	9	R
June 1	...	38	6	73	...	10	47	1	M
13	...	38	6	65	...	10	46	3	M
July 2	...	38	6	72	...	10	44	5	R
181 <i>O. A. S. 14841.</i>									
May 1	9.0	15	38	27 ⁷⁶ 3	...	114	9	45 ²	R
7	9.0	38	27	94	...	9	43	2	R
182 <i>Lacaille 6524.</i>									
Apl. 9	6.0	15	41	24 ⁶³ 74	...	144	40	17 ⁵	M
12	6.0	41	24	83	...	40	17	1	M
13	6.0	41	24	80	...	40	17	1	M
15	6.0	41	24	64	...	40	18	2	M
183 <i>Anon.</i>									
May 6	10.0	15	42	59 ⁴⁸	...	61	48	49 ⁷	R
10	10.2	42	59	19	...	48	47	6	R
11	10.5	42	59	22	...	48	46	4	R

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Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.				
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"					
184		<i>O. A. S. 14934.</i>																					
Apl. 16	9.5	15	43	27.04	...	107	54	28.2	M					
17	9.7	43	27.15	...	54	28.7	M																
185		<i>Anon.</i>																					
Apl. 23	9.2	15	44	34.74 ⁷	...	104	23	35.5	M					
24	9.3	44	34.70	...	23	35.2	M																
28	9.2	44	34.85	...	23	34.8	M																
186		<i>W. B. E. XV. 861.</i>																					
May 4	9.5	15	46	8.20 ³	...	101	27	30.3	R					
5	9.5	46	8.18 ²¹	...	27	31.0	R																
7	9.5	46	8.50	...	27	31.2	R																
187		<i>Radcliffe 3462.</i>																					
Apl. 26	8.0	15	46	42.75	...	47	3	35.6	M					
30	8.0	46	43.06	...	3	35.2	M																
188		<i>R. P. L. 115.</i>																					
Apl. 27	...	15	46	46.35	3	4	45	54.9	M					
May 19	...	46	45.26	3	45	53.6	R																
20	...	46	45.10	3	45	54.3	R																
21	...	46	44.97	3	45	54.5	R																
22	...	46	44.07	3	45	53.2	R																
24	...	46	44.78	3	45	54.2	R																
26	...	46	43.90	3	45	55.1	R																
28	...	46	43.76	3	45	55.6	R																
June 8	...	46	45.23	3	45	54.1	M																
188		<i>R. P. L. 115—s.p.</i>																					
Jan. 2	...	15	46	46.20	3	4	45	57.9	R									
5	...	46	45.99	3	45	59.3	R																
6	...	46	46.06	3	46	0.0	R																
11	...	46	45.69	3	45	57.0	R																
28	...	46	43.93	3	45	59.8	R																
189		<i>Anon.</i>																					
May 8	9.0	15	47	1.00	...	147	13	41.6	R					
12	9.4	47	2.08	...	12	42.3	R																
15	9.2	47	1.70	...	12	43.2	R																
17	9.0	47	1.95	...	12	43.0	R																
18	9.0	47	1.76	...	12	44.3	R																
190		<i>16 Ursæ Minoris ζ</i>																					
Apl. 22	...	15	48	34.52	...	11	49	18.3	M					
191		<i>4. Herculis.</i>																					
Apl. 19	...	15	51	18.35 ²³	...	47	4	8.9	M					
192		<i>Anon.</i>																					
May 5	7.2	15	51	54.48 ⁴⁸	...	143	47	12.7	R					
193		<i>O. A. S. 15089.</i>																					
May 1	9.0	15	52	8.16 ⁴⁸	...	105	51	44.9	R					
6	9.0	52	8.09	...	51	44.6	R																
7	9.0	52	8.11	...	51	44.1	R																
8	9.0	52	8.09	...	51	44.8	R																
194		<i>T Coronæ, Var. 3.</i>																					
May 10	9.0	15	54	16.23	...	63	43	31.3	R					
11	9.5	54	16.16	G	43	30.3	R																
12	9.5	54	16.34	G	43	32.5	R																
22	9.6	54	16.21	...	43	30.8	R																
28	9.6	54	16.53	...	43	31.2	R																
June 7	9.7	54	16.46	...	43	31.2	M																
8	9.8	54	16.49	...	43	31.2	M																
July 2	9.9	54	16.50 ⁴⁷	...	43	35.6	R																
5	...	54	16.53	4	43	35.5	R																
7	...	54	16.62	4	43	36.3	R																
195		<i>O. A. S. 15146.</i>																					
Apl. 8	8.8	15	55	24.84	...	107	30	41.4	M					

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Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
196 O. A. S. 15148.										203 Anon.									
27-44 May 4	9.0	15	55	27 ⁴⁴ 38	...	107	49	13.8	R	Apl. 17	9.2	16	16	42.27	...	152	18	39.5	M
	17	9.0		55 27.48	...		49	13.9	R	30	9.4		16 42.36	...		18	41.2	M	
	18	9.0		55 27.38	...		49	15.4	R										
197 Anon.										204 21 Scorpii α , Antares.									
May 26	9.0	15	55	59.47	...	126	57	33.9	R	May 25	...	16	21	44.66	...	116	9	9.6	R
June 11	9.0		55	59.42	...		57	33.9	M	June 22	...		21 44.70	...		9	8.6	M	
	12	8.9		55 59.35	...		57	34.4	M	24	...		21 44.70	...		9	7.7	M	
	22	9.0		55 59.52	...		57	33.5	M	July 5	...		21 44.66	...		9	7.0	R	
	24	8.8		55 59.38	...		57	31.0	M	7	...		21 44.69	...		9	8.2	R	
198 8 Scorpii β^1										205 14 Draconis η									
June 5	...	15	58	10.35	...	109	27	40.0	M	Apl. 13	...	16	22	18.53	...	28	12	6.2	M
July 1	...		58	10.24	...		27	40.2	R	13	...		22 18.46	...		12	7.2	M	
	10	...		58 10.26	...		27	40.8	R	14	...		22 18.53	...		12	6.5	M	
	14	...		58 10.20	...		27	40.5	R	16	...		22 18.57	...		12	7.0	M	
	20	...		58 10.46	...		27	40.2	R	19	...		22 18.55	...		12	8.1	M	
199 Anon.										206 30 Herculis g , Var. 5.									
Apl. 9	8.1	16	0	35.60	...	105	18	9.6	M	Apl. 22	6.0	16	24	32.09	...	47	50	31.6	M
200 R. P. L. 116.										207 Anon.									
Apl. 16	...	16	2	26.94	3	4	20	30.8	M	May 5	9.2	16	24	42.04 ^{3.22}	...	152	16	32.4	R
17	...		2	26.11	3		20	32.1	M	6	9.0		24 42.60	...		16	29.7	R	
201 1 Ophiuchi δ										208 O. A. S. 15722.									
June 25	...	16	7	47.68	...	93	22	15.9	M	June 12	9.9	16	26	9.13	...	111	5	15.2	M
	26	...		47.70	...		22	15.0	M	July 12	10.0		26 8.87	...		5	13.3	R	
July 2	...		7	47.74	...		22	15.4	R	14	...		26 8.85	5		5	12.0	R	
	5	...		47.79	...		22	14.8	R	16	9.9		26 9.01	...		5	15.0	R	
	10	...		47.74	...		22	14.6	R	22	...		26 8.74	3		5	15.5	R	
	14	...		47.76	...		22	14.9	R										
	16	...		47.67	...		22	14.3	R										
202 Anon.																			
May 1	9.2	16	10	22.64	...	112	35	18.1	R										

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Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
209 <i>Anon.</i>									216 <i>40 Herculis ζ</i>										
May 8	8.0	16	27	4.52	...	132	57	0.6	R	May 25	...	16	36	34.34	...	58	10	11.1	R
10	8.0		27	4.55	...		57	0.2	R	June 2	...		36	34.42	4		10	10.7	M
11	8.5		27	4.55	...		57	3.3	R	22	...		36	34.42	...		10	11.0	M
12	8.5		27	4.47	...		57	2.2	R	July 7	...		36	34.49	...		10	10.4	R
15	8.2		27	4.37	...		57	2.8	R	12	...		36	34.42	...		10	10.1	R
										14	...		36	34.49	...		10	9.1	R
										23	...		36	34.50	...		10	9.6	R
210 <i>Anon.</i>									217 <i>Anon.</i>										
May 23	8.9	16	29	21.92	...	152	18	9.0	R	May 7	9.0	16	41	2.44	...	139	5	4.5	R
24	...		29	22.01	...		18	8.3	R	8	9.0		41	2.46	...		5	3.9	R
26	9.1		29	22.01	...		18	9.1	R	10	9.0		41	2.62	...		5	3.2	R
211 <i>Anon.</i>									218 <i>Anon.</i>										
Aug. 20	7.1	16	29	^{26.01} 35.97	...	133	8	34.4	M	May 15	9.0	16	41	19.79	...	138	59	17.4	R
21	7.2		29	35.92	...		8	34.9	M	17	9.0		41	19.98	...		59	18.0	R
23	7.3		29	35.97	...		8	34.1	M	18	9.0		41	19.99	...		59	19.4	R
24	7.3		29	36.04	...		8	33.5	M	19	9.0		41	19.99	...		59	20.0	R
25	...		29	35.75	...		8	34.3	M	20	9.0		41	19.97	...		59	16.5	R
212 <i>Anon.</i>									219 <i>Anon.</i>										
May 28	9.2	16	29	54.82	...	130	52	45.9	R	Aug. 23	7.3	16	42	^{25.44} 25.41	...	138	53	48.2	M
July 30	10.0		29	54.81	...		52	45.1	R	24	7.3		42	25.43	...		53	47.9	M
213 <i>Anon.</i>									220 <i>Anon.</i>										
June 24	9.2	16	31	28.63	...	121	28	23.9	M	May 21	7.0	16	45	0.09	...	139	30	1.2	R
25	9.3		31	28.83	...		28	23.4	M	22	7.0		45	0.05	...		30	1.6	R
26	9.2		31	28.93	...		28	26.3	M	24	...		45	0.13	...		29	59.9	R
29	9.3		31	28.98	...		28	27.6	M	26	7.0		45	0.17	...		29	57.0	R
July 5	9.2		31	28.74	...		28	25.5	R	28	7.0		45	0.23	...		30	0.1	R
214 <i>Brisbane 5784.</i>									221 <i>S Herculis, Var. 3.</i>										
Apl. 17	9.3	16	31	52.89	...	150	40	50.7	M	Apl. 19	8.0	16	46	12.60	...	74	50	48.0	M
May 6	9.0		31	53.02	...		40	45.9	R	21	8.5		46	12.44	...		50	49.2	M
215 <i>a Trianguli Australis.</i>									221 <i>S Herculis, Var. 3.</i>										
Apl. 27	...	16	35	27.01	...	158	47	43.5	M	23	8.9		46	^{12.52} 12.56	...		50	44.8	M
28	...		35	26.84	...		47	39.8	M	24	9.0		46	12.51	...		50	47.2	M
29	...		35	26.99	...		47	40.3	M	27	9.0		46	12.45	...		50	47.1	M
May 4	...		35	26.69 26.69	...		47	39.8	R										

36.01

36.49

28.77

16.61

36.47
41

25.44

12.49

Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
222 49 <i>Herculis</i> .										228 <i>O. A. S.</i> 16232.										
Apl. 22	6·8	16	46	23·28	...	74	48	53·8	M	May 1	10·0	16	54	36·48	...	110	15	48·1	R	36·46
26	6·8		46	23·10	...		48	54·0	M											
223 <i>Anon.</i>										229 22 <i>Ursæ Minoris</i> ε-s.p.										
May 10	8·5	16	47	36·67	...	130	17	34·3	R	Jan. 30	...	16	58	^{50·43} 40·55	5	7	45	38·0	R	50·43
11	8·5		47	36·87	...		17	34·1	R											
12	8·5		47	36·85	...		17	35·1	R											
230 <i>G. Z. C.</i> XVII. 421.										231 <i>G. Z. C.</i> XVII. 442.										
May 1	9·5	17	6	23·03	...	130	54	35·1	R	Apl. 29	9·3	17	6	52·92	...	130	54	52·7	M	
4	9·5		6	22·95	...		54	32·6	R											
232 <i>Anon.</i>										233 64 <i>Herculis</i> α, <i>Var.</i> 1.										
Aug. 24	8·9	17	6	59·96	...	137	25	52·7	M	June 18	...	17	8	56·75	...	75	27	54·2	M	
30	8·9		6	59·88	...		25	52·5	M	24	...		8	56·79	...		27	54·8	M	
										25	...		8	56·87	...		27	53·6	M	
										26	...		8	56·89	...		27	54·4	M	
										29	...		8	56·89	...		27	55·3	M	
										July 1	...		8	56·89	...		27	53·8	R	56·88
										2	...		8	56·83	...		27	53·6	R	·52
										10	...		8	56·89	...		27	54·0	R	
										12	...		8	56·84	...		27	54·3	R	
										16	...		8	56·89	...		27	55·3	R	
										22	...		8	56·88	...		27	54·8	R	
										28	...		8	56·88	...		27	54·7	R	
										29	...		8	56·87	...		27	54·7	R	
										Aug. 25	...		8	56·85	4		27	54·6	M	
										26	...		8	56·87	...		27	54·7	M	
234 42 <i>Ophiuchi</i> θ										235 27 <i>Ophiuchi</i> κ										
June 2	...	17	14	20·17	...	114	52	22·2	M	May 25	...	16	51	45·13	...	80	25	44·1	R	
July 22	...		14	20·02	...		52	22·1	R	June 18	...		51	45·10	...		25	43·1	M	
29	...		14	20·06	...		52	20·8	R	22	...		51	45·14	...		25	45·6	M	
30	...		14	20·00	...		52	20·8	R	25	...		51	45·09	...		25	44·6	M	
Aug. 21	...		14	20·11	...		52	22·2	M	26	...		51	45·05	...		25	44·6	M	
										29	...		51	45·16	...		25	43·4	M	
										July 1	...		51	45·08	...		25	41·4	R	
										5	...		51	45·08	...		25	41·8	R	
										7	...		51	45·10	...		25	43·3	R	
										12	...		51	45·18	...		25	43·8	R	
										16	...		51	45·10	...		25	43·4	R	
										22	...		51	45·05	...		25	44·5	R	
										23	...		51	45·05	...		25	43·9	R	
										28	...		51	45·02	...		25	44·0	R	
										30	...		51	45·09	...		25	43·1	R	
										Aug. 25	...		51	45·09	...		25	44·2	M	
										26	...		51	45·05	...		25	44·6	M	

49.11
49.22

45.04
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36.46

50.43

59.88

56.88
.52

Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
235 <i>Anon.</i>										242 <i>O. A. S. 17105.</i>									
May 22	9.0	17	22	36.46	...	131	54	39.0	R	July 5	8.9	17	35	25.55	...	117	49	16.0	R
24	9.0		22	36.31	...		54	37.5	R	7	8.9		35	25.30	...		49	17.5	R
26	9.0		22	36.45	...		54	37.7	R	12	9.0		35	25.49	...		49	17.7	R
28	9.1		22	36.55	...		54	38.5	R	16	8.4		35	25.75	...		49	16.4	R
236 <i>23 Draconis β</i>										243 <i>Anon.</i>									
Apr. 30	...	17	27	36.84	...	37	36	17.3	M	May 18	9.2	17	37	2.37	...	150	36	25.9	R
May 17	...		27	36.52	...		36	16.2	R	244 <i>Anon.</i>									
19	...		27	36.44	...		36	16.7	R	May 19	9.5	17	37	22.53	...	150	37	28.4	R
237 <i>G. Z. C. XVII. 1907.</i>										245 <i>Anon.</i>									
May 1	9.2	17	27	58.24	...	150	36	7.6	R	May 17	10.0	17	40	1.76	...	127	17	46.9	R
238 <i>55 Ophiuchi α</i>										246 <i>86 Herculis μ</i>									
June 18	...	17	29	7.99	...	77	20	49.4	M	June 29	...	17	41	33.91	...	62	13	17.3	M
24	...		29	8.00	...		20	49.6	M	30	...		41	33.76	...		13	15.7	M
Aug. 3	...		29	7.98	...		20	49.0	M	July 20	...		41	33.97	...		12	15.0	R
27	...		29	7.80	...		20	49.7	M	23	...		41	34.01	...		12	16.9	R
239 <i>Anon.</i>										247 <i>31 Draconis ψ¹-2nd.</i>									
July 5	9.0	17	30	19.59	...	117	58	5.6	R	May 18	6.0	17	44	11.57	...	17	46	52.8	R
7	9.2		30	19.29	...		58	5.5	R	240 <i>Anon.</i>									
12	9.5		30	19.48	...		58	5.5	R	May 20	9.5	17	35	18.88	...	126	15	26.5	R
16	8.5		30	19.65	...		58	6.9	R	241 <i>Anon.</i>									
22	...		30	19.49	...		58	6.8	R	May 17	9.8	17	35	19.39	...	128	35	48.4	R
23	...		30	19.45	...		58	2.3	R	242 <i>Anon.</i>									
28	...		30	19.34	...		58	4.5	R	May 20	9.5	17	35	18.88	...	126	15	26.5	R
29	...		30	19.40	...		58	5.4	R	243 <i>Anon.</i>									
30	8.8		30	19.60	...		58	5.7	R	May 17	10.0	17	40	1.76	...	127	17	46.9	R
Aug. 2	8.8		30	19.64	...		58	5.5	M	20	10.0		40	1.79	...		17	46.9	R
240 <i>Anon.</i>										244 <i>Anon.</i>									
May 20	9.5	17	35	18.88	...	126	15	26.5	R	May 19	9.5	17	37	22.53	...	150	37	28.4	R
241 <i>Anon.</i>										245 <i>Anon.</i>									
May 17	9.8	17	35	19.39	...	128	35	48.4	R	May 17	10.0	17	40	1.76	...	127	17	46.9	R
242 <i>Anon.</i>										246 <i>86 Herculis μ</i>									
May 20	9.5	17	35	18.88	...	126	15	26.5	R	June 29	...	17	41	33.91	...	62	13	17.3	M
243 <i>Anon.</i>										247 <i>31 Draconis ψ¹-2nd.</i>									
May 18	9.2	17	37	2.37	...	150	36	25.9	R	May 18	6.0	17	44	11.57	...	17	46	52.8	R

58.23

19.61
'40
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25.57
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33.74

34.05

Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
248		<i>Anon.</i>																	
Aug. 23	9.0	17	45	48 ⁵¹ 49	...	128	47	54.7	M	Feb. 11	...	18	17	4.95	2	3	0	53.2	M
24	9.0		45	48.68	...		47	52.5	M	13	...		17	4.10	2		0	52.9	M
249		<i>Anon.</i>																	
May 18	10.0	18	4	22.45	...	59	9	47.1	R	July 7	10.5	18	30	6 ⁵¹ 46	...	136	55	0.3	R
20	10.0		4	22.49	...		9	46.9	R	23	...		30	6.59	3		54	56.4	R
250		<i>Anon.</i>																	
May 24	10.2	18	5	31.15	...	120	43	30.3	R	Aug. 27	...	18	32	42.37	...	51	19	52.2	M
28	10.5		5	31.21	...		43	29.4	R	30	...		32	42.32	4		19	53.4	M
July 1	10.5		5	31.16	...		43	31.5	R										
251		<i>13 Sagittarii μ</i>																	
June 30	...	18	6	17 ⁴ 31	...	111	5	21.3	M	Aug. 2	...	18	45	23.00	...	56	46	52.8	M
July 20	...		6	17.19	...		5	22.1	R	5	...		45	27.89	...		46	49.2	M
28	...		6	17.24	...		5	21.9	R	10	...		45	27 ⁵² 74	...		46	51.4	M
30	...		6	17.17	...		5	20.5	R										
Aug. 2	...		6	17.36	...		5	22.9	M										
3	...		6	17.20	...		5	21.8	M										
20	...		6	17.25	...		5	21.9	M										
26	...		6	17.22	...		5	20.9	M										
27	...		6	17.30	...		5	21.6	M										
252		<i>Anon.</i>																	
May 21	8.0	18	7	26.86	...	122	22	36.5	R	Feb. 2	...	18	55	29.98	3	3	27	7.3	M
22	8.0		7	26.90	...		22	37.3	R	Mar. 6	...		55	30.51	3		27	6.2	R
										10	...		55	30.72	3		27	6.3	R
253		<i>Anon.</i>																	
Sep. 7	9.5	18	8	48.80	...	122	24	31.6	R										
254		<i>24 Ursæ Minoris.</i>																	
June 30	...	18	17	3 ^{3.55} 46	3	3	0	46.1	M	June 30	...	18	59	39 ³ 94	...	76	19	14.1	M
Aug. 17	...		17	3 ^{3.7} 46	3		0	46.8	M	Aug. 9	...		59	39.89	...		19	14.6	M
20	...		17	3 ^{3.35} 41	3		0	47.0	M	10	...		50	39 ⁵ 37	...		19	14.3	M
21	...		17	4.15	3		0	46.3	M	17	...		59	39.86	...		19	15.5	M
23	...		17	4 ^{3.7} 27	3		0	46.5	M	18	...		59	39.82	...		19	14.9	M
24	...		17	4.73	3		0	44.8	M	20	...		59	39.70	...		19	15.1	M
30	...		17	4 ^{3.50} 20	1		0	47.1	M	21	...		59	39.77	...		19	15.0	M
Sep. 22	...		16	59.05	1		0	48.8	R	23	...		59	39.71	...		19	14.3	M
										24	...		59	39.83	...		19	13.6	M
										30	...		59	39.83	4		19	14.6	M
										Sep. 2	...		59	39.80	...		19	13.8	R
										6	...		59	39.80	...		19	18.7	R

31.19

17.34

17.28

27.50

30.27

3.55

3.38

3.71

3.50

0.68

34.93

35

70

Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension. 1875.			No. of Wires.	Mean Polar Distance. 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.								
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"									
260 <i>R Sagittarii, Var. 1.</i>										267 <i>50 Aquilæ γ</i>																	
June 24	8.0	19	9	21.46	...	109	31	30.8	M	Aug. 2	...	19	40	18.94	...	79	41	24.2	M								
25	8.0	9	21.69	...	31	31.7	M	5	...	40	19.00	...	41	28.1	M	9	...	40	18.98	...	41	26.5	M				
26	8.0	9	21.65	...	31	29.9	M	17	...	40	18.92	...	41	24.4	M	24	...	40	18.95	...	41	22.0	M				
29	8.0	9	21.44	...	31	32.5	M	Sep. 2	...	40	19.02	...	41	21.2	R	7	...	40	18.98	...	41	22.9	R				
261 <i>O. A. S. 19353.</i>										9 ... 40 18.98 ... 41 24.1 R																	
June 4	7.5	19	11	0.33	...	116	17	49.2	M	11	...	40	18.95	...	41	22.8	R	20	...	40	18.98	...	41	23.5	R		
12	7.9	11	0.26	...	17	50.6	M	268 <i>53 Aquilæ α, Altair.</i>																			
262 <i>O. A. S. 19366.</i>										Aug. 10 ... 19 44 41.72 ... 81 27 36.6 M 4107																	
June 30	8.3	19	11	19.01	...	116	15	56.7	M	16	...	44	41.05	...	27	35.8	M	Sep. 6	...	44	41.07	...	27	35.9	R		
July 2	8.3	11	19.13	...	15	57.8	R	14	...	44	41.01	...	27	35.0	R	22	...	44	41.03	...	27	37.6	R				
263 <i>25 Aquilæ ω</i>										104																	
Aug. 16	...	19	11	56.73	...	78	37	41.6	M	269 <i>60 Aquilæ β</i>																	
23	...	11	56.83	...	37	43.7	M	Aug. 7	...	19	49	10.31	...	83	54	14.4	M	Sep. 11	...	49	10.44	...	54	12.7	R		
24	...	11	56.92	...	37	42.9	M	20	...	49	10.38	...	54	13.3	R	23	...	49	10.38	...	54	11.0	R				
30	...	11	56.86	...	37	43.6	M	270 <i>R Sagitta, Var. 1.</i>																			
Sep. 2	...	11	56.89	...	37	40.8	R	June 29	9.1	20	8	22.18	...	73	39	3.7	M	271 <i>R Delphini, Var. 2.</i>									
7	...	11	56.89	...	37	41.1	R	3305																			
264 <i>S Sagittarii, Var. 2.</i>										Sep. 11 9.5 20 8 52.82 4 81 17 19.9 R																	
July 16	10.5	19	12	6.88	...	109	14	57.3	R	14	9.7	8	52.93	...	17	20.4	R	20	...	8	53.05	...	17	22.4	R		
23	...	12	6.85	...	14	56.2	R	21	9.2	8	53.07	...	17	10.7	R	22	9.3	8	53.06	...	17	19.9	R				
29	11.0	12	6.87	...	14	56.9	R	23	9.5	8	53.04	...	17	18.8	R	24	9.5	8	52.80	...	17	17.9	R				
265 <i>30 Aquilæ δ</i>										25 9.6 8 52.88 ... 17 17.6 R																	
Aug. 16	...	19	19	11.82	4	87	7	57.0	M	27	9.7	8	52.80	...	17	19.6	R	272 <i>6 Capricorni α³</i>									
30	...	19	11.72	...	7	56.6	M	Aug. 7 ... 20 11 7.06 ... 102 55 52.5 M																			
Sep. 6	...	19	11.62	...	7	55.9	R																				
9	...	19	11.74	...	7	58.2	R																				
266 <i>52 Sagittarii h²</i>																											
Sep. 7	...	19	29	5.88	...	115	9	26.9	R																		

19.05

57.82

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4107

104

3305

Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.								
		h.	m.	s.		.	"	h.				m.	s.	.		"	h.	m.		s.	.	"					
273 <i>Anon.</i>										280 <i>Anon.</i>																	
July 16	10.5	20	16	37.90	...	106	30	35.5	R	Sep. 11	10.4	20	39	44.93	...	74	3	10.3	R								
29	...	16	37.77	...		30	35.8	R	14	10.5	39	45.17	...		3	12.1	R	21	10.5	39	45.31	...		3	11.7	R	
										23	10.5	39	45.22	...		3	12.1	R									
274 <i>24 Cephei (Hev.).</i>										281 <i>Anon.</i>																	
Sep. 22	...	20	19	^{48.18} 44.19	2	1	14	56.2	R	July 16	10.5	20	41	45.52	...	105	15	56.6	R								
28	...	19	^{48.11} 42.47	3		14	56.5	R	29	...	41	45.51	...		16	0.7	R										
275 <i>11 Capricorni ρ</i>										282 <i>32 Vulpeculæ.</i>																	
Sep. 9	...	20	21	43.66	...	108	13	31.0	R	Sep. 14	...	20	49	13.94	...	62	25	1.0	R								
14	...	21	43.70	...		13	28.7	R	21	...	49	13.95	...		25	0.9	R										
21	...	21	43.50	...		13	30.4	R	23	...	49	14.01	...		24	59.9	R										
25	...	21	43.61	...		13	28.6	R	25	...	49	14.04	...		24	59.9	R										
27	...	21	43.72	...		13	28.5	R	29	...	49	13.98	...		25	1.6	R										
										Oct. 2	...	49	13.96	...		25	1.5	M									
276 <i>Cordoba XX. 865.</i>										283 <i>64 Cygni ζ</i>																	
July 16	8.2	20	26	13.83	...	150	24	24.9	R	Aug. 7	...	21	7	36.94	...	60	17	7.1	M								
29	8.4	26	14.08	...		24	20.5	R	17	...	7	37.01	...		17	6.1	M										
Aug. 2	8.9	26	14.02	...		24	21.8	M	18	...	7	36.90	...		17	4.4	M										
18	9.0	26	14.06	...		24	23.4	M	Sep. 22	...	7	36.96	...		17	5.8	R										
									24	...	7	36.78	...		17	5.2	R										
									28	...	7	36.98	...		17	5.5	R										
									29	...	7	36.97	...		17	6.4	R										
									Oct. 2	...	7	36.95	...		17	6.3	M										
									4	...	7	37.00	...		17	6.3	M										
									5	...	7	37.03	...		17	5.7	M										
									6	...	7	37.06	...		17	6.5	M										
									11	...	7	36.95	...		17	5.8	M										
									12	...	7	36.95	...		17	6.2	M										
									13	...	7	36.95	...		17	7.5	M										
277 <i>R. P. L. 143—s.p.</i>										284 <i>22 Aquarii β</i>																	
Mar. 3	...	20	28	^{7.44} 8.40	3	5	16	16.5	R	Aug. 18	...	21	24	58.60	...	96	7	13.2	M								
										28	...	24	58.72	...		7	9.8	M									
										Sep. 20	...	24	58.60	...		7	12.4	R									
										21	...	24	58.72	...		7	12.2	R									
										24	...	24	58.48	...		7	10.3	R									
										27	...	24	58.54	...		7	10.6	R									
278 <i>50 Cygni α, Deneb.</i>										285 <i>22 Aquarii β</i>																	
Aug. 9	...	20	37	10.17	3	45	9	55.6	M	Aug. 18	...	21	24	58.60	...	96	7	13.2	M								
25	...	37	10.22	...		9	56.0	M	28	...	24	58.72	...		7	9.8	M										
Oct. 7	...	37	10.35	...		9	56.8	M	Sep. 20	...	24	58.60	...		7	12.4	R										
										21	...	24	58.72	...		7	12.2	R									
										24	...	24	58.48	...		7	10.3	R									
										27	...	24	58.54	...		7	10.6	R									
279 <i>T Delphini, Var. 3.</i>										286 <i>22 Aquarii β</i>																	
May 10	8.8	20	39	38.60	...	74	8	13.7	M	Aug. 18	...	21	24	58.60	...	96	7	13.2	M								
16	9.0	39	38.78	...		3	14.2	M	28	...	24	58.72	...		7	9.8	M										
17	9.0	39	38.66	...		3	15.5	M	Sep. 20	...	24	58.60	...		7	12.4	R										
18	9.0	39	38.89	...		3	14.4	M	21	...	24	58.72	...		7	12.2	R										
20	9.0	39	38.60	...		3	14.1	M	24	...	24	58.48	...		7	10.3	R										
21	9.3	39	38.68	...		3	14.6	M	27	...	24	58.54	...		7	10.6	R										
28	9.0	39	38.77	...		3	14.0	M																			

48.18
44.11

14.20

7.94

Aug 17

76

36.86
77
97

58.62

Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.																															
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"																																
Oct. 1	...	21	24	58.62	...	96	7	11.9	M	289 <i>T Pegasi, Var. 4.</i>	Nov. 3	10.5	22	2	47.44	...	78	4	17.1	R																														
2	...	24	58.59	...	7	12.8	M	4	10.5												2	47.42	...	4	15.9	R																								
4	...	24	58.66	...	7	12.2	M	5	10.5												2	47.51	...	4	15.4	R																								
5	...	24	58.54	...	7	11.9	M	6	10.5												2	47.59	4	14.2	R																									
6	...	24	58.52	3	7	12.5	M	8	10.5												2	47.68	2	4	14.8	R																								
7	...	24	58.55	...	7	11.3	M	290 <i>Anon.</i>																																										
11	...	24	58.60	...	7	11.8	M																																											
12	...	24	58.67	...	7	12.0	M																																											
13	...	24	58.61	...	7	11.7	M																																											
16	...	24	58.69	...	7	11.8	M																																											
285 <i>8 Pegasi e</i>																					Sep. 7	9.5	22	3	54.96	...	101	5	38.5	R																				
																					Sep. 11	...	21	38	2.80	...	80	41	47.9	R	291 <i>43 Aquarii θ</i>																			
																					22	...	38	2.81	...	41	49.2	R																						
																					28	...	38	2.84	...	41	50.0	R																						
																					Oct. 4	...	38	2.68	...	41	49.3	M																						
																					6	...	38	2.71	...	41	50.4	M																						
										7	...	38	2.71	...	41	49.6	M																																	
										12	...	38	2.72	...	41	51.3	M																																	
										16	...	38	2.74	...	41	50.1	M																																	
										19	...	38	2.75	...	41	49.4	M																																	
286 <i>Anon.</i>										292 <i>R. P. L. 150.</i>																																								
																				Sep. 21	10.0	21	41	24.31	...	102	29	23.6	R																					
287 <i>16 Pegasi.</i>										Sep. 7	...	22	22	55.62	3	4	31	19.5	R																															
										Sep. 23	...	21	47	22.45	...	64	39	43.1	R																															
										28	...	47	22.56	...	39	44.1	R																																	
										Oct. 1	...	47	22.43	...	39	45.5	M																																	
										5	...	47	22.50	...	39	45.1	M																																	
										6	...	47	22.54	3	39	44.2	M																																	
										11	...	47	22.52	...	39	44.1	M																																	
										16	...	47	22.50	...	39	44.0	M																																	
										22	...	47	22.49	...	39	43.6	M																																	
										288 <i>34 Aquarii α</i>										293 <i>R. P. L. 151.</i>																														
Sep. 24	...	21	59	21.60	...	90	55	34.0	R																																									
Oct. 19	...	59	21.75	...	55	34.6	M																																											
22	...	59	21.70	...	55	35.1	M																																											
23	...	59	21.74	...	55	35.0	M																																											
26	...	59	21.64	...	55	34.8	M																																											
Nov. 1	...	59	21.66	...	55	35.3	R																																											
294 <i>R. P. L. 151-s.p.</i>																														Aug. 18	...	22	33	25.33	3	4	24	20.8	M											
																														Sep. 16	...	23	22.49	3	24	27.6	R													
																														Mar. 17	...	22	23	23.72	3	4	24	29.1	R											

2.60
'82.

22.56

21.61

14.11
'22.
'23.

57.74

24.71

Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
294 <i>R. P. L. 153—s.p.</i>										300 <i>54 Pegasi a, Markab.</i>									
Feb. 24	...	22	28	2.78	3	2	33	18.8	M	Sep. 29	...	22	58	32.05	...	75	28	1.8	R
25	...	28	2.34	3	33	15.0	M	Nov. 3	...	58	32.02	...	28	0.7	R				
26	...	28	2.57	3	33	14.4	M	5	...	58	32.09	...	27	59.3	R				
									15	...	58	32.06	...	27	59.6	R			
									17	...	58	32.02	...	27	59.5	R			
295 <i>62 Aquarii η</i>										301 <i>6 Piscium γ</i>									
Oct. 23	...	22	28	55.79	...	90	45	39.0	M	Nov. 2	...	28	10	41.01	...	87	23	58.8	R
25	...	28	55.93	...	45	40.0	M	4	...	10	41.09	...	23	59.3	R				
26	...	28	56.06	...	45	39.3	M	5	...	10	40.99	...	23	59.0	R				
28	...	28	55.93	...	45	38.6	M	6	...	10	41.04	...	24	0.3	R				
29	...	28	55.92	...	45	38.1	M	8	...	10	41.07	...	23	59.1	R				
30	...	28	55.94	...	45	37.9	M	9	...	10	41.12	...	23	59.4	R				
296 <i>T Aquarii, Var. 3.</i>										302 <i>W. B. E. XXIII. 190.</i>									
Nov. 4	10.5	22	29	19.52	...	98	15	6.4	R	Oct. 7	9.0	23	11	10.85	...	82	28	10.0	M
5	10.5	29	19.64	5	15	5.3	R	11	9.0	11	10.96	...	28	9.3	M				
6	10.5	29	19.62	3	15	6.2	R	12	9.3	11	10.83	...	28	10.3	M				
8	10.5	29	19.99	1	15	5.8	R	22	9.1	11	10.89	...	28	8.9	M				
									23	9.0	11	10.77	...	28	10.1	M			
297 <i>42 Pegasi ζ</i>										303 <i>Lalande 45607.</i>									
Oct. 18	...	22	35	18.58	...	79	49	14.3	M	Sep. 23	7.8	23	11	40.80	...	81	10	40.8	R
26	...	35	18.50	...	49	13.7	M	24	8.0	11	40.63	...	10	39.4	R				
27	...	35	18.61	...	49	13.8	M	25	8.0	11	40.72	...	10	40.6	R				
28	...	35	18.61	...	49	13.5	M	28	8.0	11	40.89	...	10	41.8	R				
29	...	35	18.59	...	49	14.2	M	29	...	11	40.98	...	10	42.6	R				
30	...	35	18.58	...	49	13.3	M												
Nov. 1	...	35	18.65	...	49	13.9	R												
2	...	35	18.64	...	49	11.6	R												
3	...	35	18.64	...	49	13.2	R												
5	...	35	18.65	...	49	11.9	R												
11	...	35	18.52	...	49	12.7	R												
298 <i>Anon.</i>										304 <i>8 Piscium κ</i>									
Nov. 19	7.0	22	46	24.34	4	130	5	2.9	R	Oct. 14	...	23	20	31.43	...	89	25	43.5	M
23	7.2	46	24.21	...	5	3.3	R	Nov. 2	...	20	31.44	...	25	41.0	R				
25	7.2	46	24.22	...	5	2.0	R	6	...	20	31.28	...	25	41.6	R				
									8	...	20	31.43	...	25	40.7	R			
									15	...	20	31.43	...	25	41.8	R			
									17	...	20	31.43	...	25	42.0	R			
									23	...	20	31.53	...	25	43.2	R			
									25	...	20	31.48	...	25	42.8	R			
299 <i>24 Piscis Australis a, Fomalhaut.</i>																			
Oct. 25	...	22	50	44.26	...	120	17	3.9	M										
27	...	50	44.33	...	17	2.5	M												
30	...	50	44.34	...	17	3.5	M												
Nov. 4	...	50	44.30	...	17	4.5	R												
6	...	50	44.46	...	17	4.3	R												

56.04

45

13.68

50

52

66

66

24.21

44.24

32

074

41.04

40.86

31.40

Separate Results of Madras Meridian Circle Observations in 1875.

Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1875.			No. of Wires.	Mean Polar Distance 1875.			Observer.
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
305 <i>W. B. E. XXIII. 424.</i>									Nov. 8	...	23	33	31.20	...	85	3	3.0	R	
									9	...	33	31.21	...		3	3.6	R		
Sep. 14	9.5	23	22	21.46	...	78	44	33.4	R	16	...	33	31.29	...	3	4.4	R		
21	9.5		22	21.59	...		44	34.5	R	17	...	33	31.34	...	3	3.2	R		
24	9.8		22	21.30	...		44	32.4	R	19	...	33	31.27	...	3	3.3	R		
25	9.5		22	21.33	...		44	31.7	R	23	...	33	31.19	...	3	2.8	R		
28	9.4		22	21.53	...		44	31.6	R										
306 <i>R. P. L. 158.</i>									308 <i>δ Sculptoris.</i>										
Sep. 25	...	23	27	48.67	3	3	22	55.0	R	Nov. 9	...	23	42	24.56	...	118	40	15.7	R
Oct. 23	...		27	49.87	3		22	55.8	M	11	...		42	24.51	...		40	16.1	R
29	...		27	49.59	3		22	54.1	M	19	...		42	24.78	...		40	18.4	R
30	...		27	48.99	3		22	54.6	M	25	...		42	24.61	...		40	16.7	R
										27	...		42	24.71	...		40	18.2	R
<i>R. P. L. 158—s.p.</i>									309 <i>G. C. Z. XXIII. 1321.</i>										
Feb. 20	...	23	27	49.25	5	3	22	58.5	M	Sep. 11	9.3	23	48	31.74	...	150	39	57.5	R
23	...		27	49.64	5		22	58.7	M										
307 <i>17 Piscium ε</i>									310 <i>28 Piscium ω</i>										
Oct. 14	...	23	33	31.06	...	85	3	4.5	M	Nov. 11	...	23	52	53.49	...	83	40	39.5	R
Nov. 3	...		33	31.23	...		3	1.7	R	16	...		52	53.55	...		40	43.0	R
4	...		33	31.22	...		3	1.6	R	25	...		52	53.58	...		40	42.0	R

21.57

50.86
57.04
49.82

31.77

31.25

24.70