
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>																											
Oct. 28	7.0	0	1	14.81	...	118	13	13.3	R																		
31	7.0		1	14.21	...		18	17.0	R																		
Nov. 12	6.4		1	14.88	6		18	12.4	M																		
16	6.5		1	14.48	...		18	12.5	M																		
25	5.7		1	14.48	...		18	13.0	M																		
2 <i>21 Andromedæ α, Alpherat.</i>																											
Oct. 14	...	0	1	46.55	...	61	37	0.2	R																		
29	...		1	46.47	...		36	59.9	R																		
30	...		1	46.43	...		36	59.5	R																		
Nov. 9	...		1	46.41	...		37	0.2	M																		
15	...		1	46.36	...		36	59.8	M																		
3 <i>Anon.</i>																											
Nov. 25	9.2	0	6	35.71	...	131	5	38.7	M																		
4 <i>88 Pegasi γ, Algenib.</i>																											
Oct. 14	...	0	6	38.76	...	75	31	41.2	R																		
25	...		6	38.65	...		31	41.3	R																		
30	...		6	38.81	...		31	41.2	R																		
31	...		6	38.82	...		31	42.1	R																		
Nov. 2	...		6	38.62	...		31	43.7	M																		
8	...		6	38.78	...		31	42.0	M																		
9	...		6	38.68	...		31	42.5	M																		
15	...		6	38.74	...		31	43.2	M																		
16	...		6	38.54	5		31	44.0	M																		
5 <i>Anon.</i>																											
Oct. 31	9.3	0	17	12.30	5	26	24	38.2	R																		
Nov. 6	8.8		17	12.27	...		24	34.6	M																		
6 <i>R Andromedæ Var. 1.</i>																											
Oct. 4	7.0	0	17	16.38	...	52	7	54.1	R																		
28	8.0		17	16.34	...		7	58.1	R																		
7 <i>O. A. N. 317.</i>																											
Oct. 29	9.0	0	18	2.94	...	26	4	12.9	R																		
Nov. 7	8.6		18	2.93	...		4	15.7	M																		
20	8.5		18	2.91	...		4	15.3	M																		
8 <i>Anon.</i>																											
Oct. 30	9.0	0	18	48.28	...	26	51	23.6	R																		
9 <i>45 Piscium.</i>																											
Nov. 8	6.0	0	19	5.87	...	83	1	0.0	M																		
11	6.1		19	6.15	...		1	1.0	M																		
10 <i>12 Ceti.</i>																											
Oct. 28	...	0	23	30.44	...	94	39	53.9	R																		
29	...		23	30.35	...		39	53.7	R																		
31	...		23	30.31	...		39	54.4	R																		
Nov. 2	...		23	30.44	...		39	55.3	M																		
16	...		23	30.55	...		39	53.6	M																		
11 <i>Anon.</i>																											
Oct. 7	...	0	27	7.33	5	144	51	42.0	R																		
12 <i>13 Ceti.</i>																											
Nov. 11	5.9	0	28	39.69	...	94	17	53.4	M																		
13 <i>Taylor 184.</i>																											
Nov. 5	6.0	0	34	11.19	...	95	3	17.4	M																		
6	6.0		34	11.31	...		3	16.9	M																		
14 <i>W. B. E. 0.585.</i>																											
Oct. 7	9.5	0	34	59.09	6	94	56	6.4	R																		
Nov. 7	8.7		34	59.15	...		56	9.5	M																		
25	8.6		34	59.18	6		56	9.6	M																		
30	8.7		34	59.17	...		56	9.4	M																		
15 <i>16 Ceti β</i>																											
Oct. 14	...	0	37	9.67	...	108	41	24.1	R																		
25	...		37	9.87	...		41	23.1	R																		
29	...		37	9.74	...		41	24.4	R																		
31	...		37	9.70	6		41	24.7	R																		
Nov. 2	...		37	9.82	...		41	23.7	M																		
8	...		37	9.74	...		41	22.0	M																		
9	...		37	9.83	...		41	23.6	M																		
11	...		37	9.86	...		41	22.9	M																		
15	...		37	9.79	...		41	23.6	M																		
20	...		37	9.74	4		41	23.3	M																		

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		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	