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

Separate Results of Madras Meridian Circle Observations in 1873.

Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1873.			No. of Wires.	Mean Polar Distance 1873.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
1 Taylor 11010.									11 Anon.										
Nov. 6	7.8	0	0	56.53	6	147	32	36.8	M	Oct. 4	9.0	0	27	10.22	...	144	51	21.5	R
7	7.7			56.75	4			32 38.1	M	21	9.0			27 10.45	6			51 20.1	M
2 21 Andromedæ α, Alpherat.									12 13 Ceti.										
Nov. 5	...	0	1	49.51	6	61	36	39.4	M	Oct. 28	5.8	0	28	42.60	6	94	17	34.0	M
22	...			49.61	4			36 39.1	R										
3 Anon.									13 16 Ceti β										
Nov. 10	...	0	2	28.94	6	127	27	1.6	R	Nov. 5	...	0	37	12.78	6	108	41	3.5	M
17	9.5			20.12	6			27 8.4	R	8	...			37 12.80	6			41 2.8	M
										11	...			37 12.77	6			41 4.1	R
										12	...			37 12.81	6			41 3.9	M
										17	...			37 12.80	6			41 3.5	R
										18	...			37 12.75	4			41 2.6	R
4 88 Pegasi γ, Algenib.									14 2 Ursæ Minoris.										
Nov. 11	...	0	6	41.32	4	75	31	24.4	R	Oct. 29	...	0	51	46.27	3	4	25	31.8	M
18	...			41.81	6			31 28.4	R										
5 O. A. N. 317.									2 Ursæ Minoris—s.p.										
Oct. 2	8.3	0	18	6.01	...	26	3	54.6	R	Apl 14	...	0	51	47.23	2	4	25	35.9	M
										May 20	...			51 ^{48.22} 46.76	7			25 34.3	R
										24	...			51 ⁵² 46.22	3			25 36.4	R
6 Anon.									15 71 Piscium ε										
Oct. 6	8.9	0	18	50.56	...	26	51	3.4	M	Nov. 7	...	0	56	21.10	6	82	47	37.7	M
29	8.7			50.48	6			51 1.0	M	11	...			56 21.20	4			47 39.9	R
										12	...			56 21.22	4			47 40.1	R
										17	...			56 21.17	6			47 38.6	R
										29	...			56 21.23	6			47 39.6	R
										Dec. 19	...			56 21.17	6			47 40.2	R
7 Anon.									16 O. A. N. 1303.										
Nov. 12	...	0	19	28.59	5	26	34	33.8	R	Oct. 29	7.5	1	9	28.33	6	18	16	7.6	M
										30	7.4			9 28.12	5			16 8.0	M
8 10 Ceti.									17 Anon.										
Oct. 3	...	0	20	6.65	...	90	45	12.1	R	Nov. 7	8.0	1	10	40.01	3	153	49	15.0	M
9 12 Ceti.																			
Oct. 31	...	0	23	33.35	6	94	39	33.7	M										
Nov. 10	...			33.40	6			39 34.7	R										
11	...			33.45	6			39 35.8	R										
18	...			33.44	6			39 34.2	R										
10 Anon.																			
Nov. 17	10.4	0	25	50.4	5	76	6	12.9	R										

47.23
46.20
46.98
47.83

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
18 <i>R. P. L.</i> 18.										26 <i>106 Piscium ν</i>									
Nov. 8	...	1	11	11.03	2	2	5	57.3	M	Nov. 29	...	1	34	49.28	6	85	9	22.8	R
17	...		11	10.85	2		5	59.9	R										
19 <i>Anon.</i>										27 <i>6 Arietis β</i>									
Dec. 19	9.3	1	12	11.20	6	152	19	42.0	R	Dec. 6	...	1	47	37.59	6	69	48	48.3	R
										12	...		47	37.51	6		48	50.2	M
										19	...		47	37.63	6		48	50.5	R
20 <i>Anon.</i>										28 <i>Anon.</i>									
Oct. 21	7.9	1	16	38.46	6	79	49	8.2	M	Nov. 7	9.0	1	56	29.74	5	129	55	55.1	M
27	7.9		16	38.45	6		49	3.6	M										
28	7.8		16	38.20	6		49	3.8	M										
31	7.9		16	38.30	6		49	4.7	M										
Nov. 1	7.9		16	38.28	6		49	6.0	M										
21 <i>44 Ceti.</i>										29 <i>Anon.</i>									
Nov. 6	...	1	17	39.39	6	98	40	6.6	M	Nov. 6	9.3	1	56	29.81	6	129	24	36.2	M
10	...		17	39.31	6		40	8.6	R										
11	...		17	39.28	4		40	8.3	R										
22 <i>45 Ceti θ^1</i>										30 <i>13 Arietis α</i>									
Nov. 12	...	1	17	40.43	6	98	50	23.8	R	Dec. 12	...	2	0	0.98	6	67	8	21.1	M
17	...		17	40.51	6		50	22.3	R	19	...		0	1.01	6		8	22.8	R
29	...		17	40.55	6		50	25.6	R										
Dec. 6	...		17	40.49	6		50	22.6	R										
23 <i>Anon.</i>										31 <i>Anon.</i>									
Dec. 9	8.2	1	19	13.45	6	151	17	31.4	R	Dec. 8	9.3	2	1	20.55	4	149	46	27.7	R
10	7.8		19	13.32	6		17	32.8	R										
24 <i>Lalande 2625.</i>										32 <i>Anon.</i>									
Dec. 8	9.5	1	20	19.00	6	79	17	36.1	R	Dec. 10	10.0	2	6	22.14	6	151	21	32.3	R
12	9.0		20	19.16	6		17	31.9	M										
19	9.0		20	19.18	5		17	33.5	R										
25 <i>α Eridani, Achernar.</i>										33 <i>Bonn + 2°. 351.</i>									
Dec. 6	...	1	32	58.97	5	147	52	58.8	R	Dec. 6	10.0	2	7	18.85	5	87	4	20.2	R
										34 <i>R Arietis, Var. 1.</i>									
										Oct. 28	8.0	2	8	58.62	6	65	32	8.0	M
										29	8.1		8	58.60	6		32	7.1	M
										30	8.0		8	58.60	6		32	7.1	M
										31	8.2		8	58.64	6		32	7.1	M
										Nov. 1	8.0		8	58.76	6		32	6.4	M
										5	8.4		8	58.60	6		32	5.9	M
										6	8.1		8	58.58	4		32	7.5	M
										7	8.3		8	58.77	6		32	6.8	M

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"				
35 <i>67 Ceti.</i>																						
Nov. 8	...	2	10	38-35	6	97	0	30-3	M	Jan. 15	...	2	55	38-60	...	86	24	35-9	M			
Dec. 11	...		10	39-07	6		0	30-5	R	16	...		55	38-55	...		24	26-2	M			
15	...		10	39-08	6		0	31-0	M	Dec. 4	...		55	38-49	6		24	36-9	R			
16	...		10	38-39	6		0	31-6	M	8	...		55	38-47	6		24	34-8	R			
										9	...		55	38-55	6		24	35-1	R			
										10	...		55	38-45	6		24	36-4	R			
										12	...		55	38-57	6		24	35-7	M			
										18	...		55	38-48	4		24	36-2	R			
										16	...		55	38-45	6		24	35-7	M			
36 <i>22 Arietis θ</i>																						
Oct. 27	...	2	11	3-73	6	70	41	15-5	M													
37 <i>73 Ceti ξ²</i>																						
Dec. 4	...	2	21	24-49	6	82	6	37-5	R													
6	...		21	24-44	5		6	37-5	R													
8	...		21	24-53	6		6	37-4	R													
10	...		21	24-50	6		6	36-7	R													
15	...		21	24-62	6		6	38-0	M													
16	...		21	24-54	6		6	37-5	M													
38 <i>R. P. L. 26.</i>																						
Dec. 9	...	2	24	48-99	2	3	30	29-0	R													
11	...		24	49-75	3		30	28-8	R													
39 <i>86 Ceti γ</i>																						
Dec. 4	...	2	36	43-25	6	87	18	2-5	R													
8	...		36	43-23	6		18	1-1	R													
9	...		36	43-20	6		18	1-4	R													
10	...		36	43-27	6		18	1-2	R													
11	...		36	43-18	5		18	1-3	R													
18	...		36	43-18	6		18	2-9	R													
40 <i>Lalande 5483.</i>																						
Jan. 6	8-2	2	51	38-05	...	80	18	22-2	M													
7	8-0		51	38-13	...		18	21-3	M													
41 <i>Lalande 5558.</i>																						
Jan. 10	8-4	2	53	57-79	...	80	15	41-2	M													
11	8-5		53	57-37	5		15	42-3	M													
14	8-3		53	58-19	...		15	41-6	M													
										42 <i>92 Ceti α, Menkar.</i>												
										Jan. 15	...	2	55	38-60	...	86	24	35-9	M			
										16	...		55	38-55	...		24	26-2	M			
										Dec. 4	...		55	38-49	6		24	36-9	R			
										8	...		55	38-47	6		24	34-8	R			
										9	...		55	38-55	6		24	35-1	R			
										10	...		55	38-45	6		24	36-4	R			
										12	...		55	38-57	6		24	35-7	M			
										18	...		55	38-48	4		24	36-2	R			
										16	...		55	38-45	6		24	35-7	M			
										43 <i>25 Persei ρ, Var. 2.</i>												
										Jan. 17	4-4	2	57	2-91	...	51	39	13-4	M			
										18	4-3		57	2-71	...		39	13-5	M			
										44 <i>Anon.</i>												
										Jan. 20	9-0	2	59	11-70	...	130	36	14-1	M			
										45 <i>26 Persei β, Var. 1, Algol.</i>												
										Jan. 21	...	2	59	54-31	5	49	32	8-2	M			
										22	...		59	54-38	5		32	7-8	M			
										24	...		59	54-73	4		32	6-6	M			
										46 <i>Taylor 1047.</i>												
										Jan. 28	6-0	3	0	3-35	...	151	17	45-1	M			
										Oct. 30	6-0		0	3-70	6		17	43-5	M			
										47 <i>Taylor 1052.</i>												
										Oct. 31	5-9	3	0	37-57	6	150	13	53-3	M			
										48 <i>Taylor 1057.</i>												
										Jan. 18	7-8	3	0	58-46	5	151	20	13-0	M			
										49 <i>Anon.</i>												
										Nov. 12	10-2	3	2	30-22	5	130	36	50-7	R			
										Dec. 6	9-3		2	30-22	6		36	50-4	R			