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SEPARATE RESULTS  
OF  
OBSERVATIONS  
OF THE FIXED STARS  
MADE WITH THE  
MADRAS MERIDIAN CIRCLE  
IN THE YEAR  
1876

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Separate Results of Madras Meridian Circle Observations in 1876.

Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
<b>1</b> <i>11 Cassiopeiæ β</i>										<b>9</b> <i>β Tucanæ—2nd.</i>									
Dec. 12	2.7	0	2	34.34	...	31	32	4.1	M	Dec. 20	4.6	0	25	52.05	5	153	38	55.3	M
19	2.6		2	34.17	...		32	3.5	M	21	4.7		25	52.16	...		38	58.0	M
										22	4.7		25	51.81	5		38	58.9	M
<b>2</b> <i>ε Phœnicis.</i>										<b>10</b> <i>31 Andromedæ δ</i>									
Dec. 16	4.3	0	3	6.73	...	136	25	53.7	M	Dec. 13	3.9	0	32	42.14	...	59	49	4.7	M
18	4.4		3	6.87	...		25	55.5	M	14	3.6		32	42.01	...		40	5.3	M
										15	3.7		32	42.00	...		49	7.0	M
<b>3</b> <i>8 Ceti ι</i>										<b>11</b> <i>16 Ceti β</i>									
Dec. 12	4.0	0	13	6.63	...	99	30	42.3	M	Nov. 14	...	0	37	21.80	...	108	40	3.2	M
13	4.6		13	6.67	...		30	42.4	M										
14	4.6		13	6.58	...		30	42.4	M										
15	4.7		13	6.44	...		30	42.2	M										
<b>4</b> <i>O. A. N. 282.</i>										<b>12</b> <i>24 Cassiopeiæ η—1st.</i>									
Oct. 30	8.1	0	16	42.34	...	34	53	7.9	M	Dec. 12	4.4	0	41	36.81	...	32	50	33.6	M
31	8.1		16	42.22	...		53	8.2	M	13	4.3		41	36.76	...		50	34.7	M
Nov. 1	8.2		16	42.22	...		53	8.1	M	14	4.4		41	36.83	...		50	34.3	M
2	8.2		16	42.30	...		53	8.4	M	15	4.0		41	36.99	...		50	35.1	M
3	8.1		16	42.45	...		53	7.6	M										
<b>5</b> <i>κ Phœnicis.</i>										<b>13</b> <i>24 Cassiopeiæ η—2nd.</i>									
Dec. 13	4.3	0	20	6.02	...	134	22	6.7	M	Dec. 16	8.3	0	41	36.07	...	32	50	38.4	M
14	4.0		20	5.82	...		22	8.1	M	18	8.2		41	37.03	...		50	39.4	M
15	4.2		20	5.78	...		22	6.5	M	20	8.5		41	36.94	...		50	37.0	M
										21	8.4		41	37.16	...		50	38.3	M
<b>6</b> <i>α Phœnicis.</i>										<b>14</b> <i>27 Cassiopeiæ γ</i>									
Dec. 16	2.0	0	20	9.02	...	132	58	48.2	M	Dec. 14	3.0	0	49	14.37	...	29	57	19.8	M
18	2.2		20	9.33	...		58	47.8	M	16	3.0		49	14.42	...		57	16.4	M
19	2.0		20	9.05	...		58	46.8	M	19	3.4		40	14.36	...		57	18.0	M
<b>7</b> <i>12 Ceti.</i>										<b>15</b> <i>2 Ursæ Minoris.</i>									
Nov. 27	...	0	23	42.65	...	94	38	34.3	M	Nov. 27	...	0	52	8.14	3	4	24	33.8	M
<b>8</b> <i>β Tucanæ—1st.</i>										<b>15</b> <i>2 Ursæ Minoris.</i>									
Dec. 12	4.3	0	25	51.32	...	153	38	32.7	M	Dec. 15	...		52	8.09	3		24	33.2	M
19	4.4		25	51.45	...		38	33.5	M	18	...		52	8.08	3		24	32.7	M
										20	...		52	8.61	3		24	33.2	M

34.25

6.71  
71

8.98  
9.18  
8.98

51.32

37.03  
.21

14.55  
.45

8.58

Separate Results of Madras Meridian Circle Observations in 1876.

Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.			
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"				
<b>2 Ursæ Minoris—s.p.</b>										<b>24 γ Phœnicis.</b>												
8.37 8.29 7.71	Apl. 27	...	0	52	<sup>8.37</sup> 6.58	3	4	24	36.2	R	Dec. 16	3.4	1	22	58.60	...	133	57	15.9	M	53.62	
	May 3	...		52	<sup>8.29</sup> 6.57	3		24	38.1	R	19	3.4		22	58.65	...		57	16.2	M	53	
	16	...		52	<sup>7.71</sup> 6.24	3		24	35.8	R	29	3.3		22	58.60	...		57	15.6	M		
<b>16 R. P. L. 14—s.p.</b>										<b>25 δ Phœnicis.</b>												
35.97 34.93 36.90	Apl. 28	...	0	55	<sup>35.97</sup> 35.59	3	3	30	58.5	R	Dec. 15	4.1	1	26	4.94	...	139	43	4.5	M		
	May 9	...		55	<sup>34.93</sup> 34.84	3		31	2.2	R	20	4.4		26	5.06	...		43	3.3	M		
											22	4.4		26	5.12	...		43	4.4	M		
<b>17 71 Piscium ε</b>										<b>26 106 Piscium ν</b>												
	Nov. 14	...	0	56	30.55	...	82	46	41.3	M	Nov. 14	...	1	34	58.67	...	85	8	24.8	M		
<b>18 β Phœnicis.</b>										<b>27 52 Ceti τ</b>												
	Dec. 12	3.7	1	0	33.14	...	137	23	0.3	M	Dec. 12	...		34	58.76	...		8	23.1	M		
	13	3.7		0	32.87	...		23	1.8	M	13	...		34	58.66	...		8	25.7	M		
	14	3.7		0	32.73	...		23	1.6	M	15	...		34	58.82	...		8	25.2	M		
	15	3.7		0	32.74	...		23	0.9	M	18	...		34	58.76	...		8	26.2	M		
											21	...		34	58.78	...		8	26.1	M	55.76	
																		8	24.9	M		
<b>19 31 Ceti η</b>										<b>28 55 Ceti ζ</b>												
21.07	Dec. 16	4.0	1	2	21.08	...	100	50	24.4	M	Dec. 16	3.5	1	45	20.31	...	100	56	55.1	M	20.31	
	20	3.0		2	21.07	...		50	24.9	M	19	3.8		45	20.40	...		56	54.6	M	38	
<b>20 43 Andromedæ β, Mirac.</b>										<b>29 45 Cassiopeiæ ε</b>												
47.58 δ	Dec. 19	2.6	1	2	47.58	...	55	2	15.2	M	Dec. 18	3.0	1	45	29.46	...	6	26	56	31.0	M	24.68
	21	2.3		2	47.43	...		2	14.9	M	20	3.0		45	29.70	...		56	29.0	M		
<b>21 R. P. L. 18—s.p.</b>										<b>30 6 Arietis β</b>												
53.74	May 13	...	1	11	<sup>53.74</sup> 52.62	2	2	5	5.5	R	Nov. 30	...	1	47	47.38	...	69	47	55.8	M		
<b>22 37 Cassiopeiæ δ</b>										<b>30 6 Arietis β</b>												
	Dec. 18	3.2	1	17	43.23	...	30	24	37.6	M	Dec. 14	...		47	47.50	...		47	57.8	M		
	14	3.2		17	43.30	...		24	36.7	M												
	15	3.4		17	43.32	...		24	38.1	M												
<b>23 45 Ceti θ¹</b>										<b>30 6 Arietis β</b>												
	Dec. 20	...	1	17	49.54	...	98	49	25.2	M	Nov. 30	...	1	47	47.38	...	69	47	55.8	M		
	21	...		17	49.38	...		49	24.1	M	Dec. 14	...		47	47.50	...		47	57.8	M		
	22	...		17	49.36	...		49	25.9	M												

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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
<b>31</b> $\chi$ Eridani.																			
Dec. 11	4.0	1	51	84 <sup>53</sup> <sub>12</sub>	...	142	18	36.5	M	Jan. 8	8.5	2	13	57.95	...	31	58	56.8	R
7-78 repeal 12	4.0		51	8.12	...		13	37.0	M	10	8.5		13	58.02	...		58	56.1	R
13	4.0		51	7.98	...		13	37.6	M	11	8.8		13	57.92	...		58	55.0	R
15	4.1		51	7.92	...		13	37.7	M	12	9.3		13	58.10	...		58	55.0	R
					...					13	9.4		13	58.20	...		58	54.1	R
					...					18	9.5		13	58.21	...		58	56.2	R
					...					19	9.6		13	58.02	...		58	52.6	R
					...					20	10.2		13	57.97	...		58	55.0	R
<b>32</b> $\alpha$ Hydri.																			
Dec. 16	3.0	1	54	51 <sup>50</sup> <sub>21</sub>	...	152	10	26.9	M										
19	3.1		54	51.54	...		10	29.5	M										
29	3.0		54	51.70	...		10	26.1	R										
<b>33</b> 57 Andromedæ $\gamma$ —1st.																			
Dec. 20	3.3	1	56	17.55	...	48	15	59.2	M										
<b>34</b> 57 Andromedæ $\gamma$ —2nd.																			
Dec. 21	7.6	1	56	18.46	...	48	15	54.0	M										
22	7.7		56	18.33	...		15	54.5	M										
<b>35</b> 13 Arietis $\alpha$																			
Nov. 30	...	2	0	11.12	...	67	7	30.4	M										
Dec. 12	...		0	11.14	...		7	31.0	M										
13	...		0	11.12	...		7	31.0	M										
14	...		0	11.09	...		7	30.9	M										
15	...		0	11.09	...		7	31.1	M										
18	...		0	11.18	...		7	31.3	M										
<b>36</b> 65 Ceti $\xi^1$																			
Dec. 11	5.0	2	6	25.61	...	81	44	8.8	M										
<b>37</b> 67 Ceti.																			
Dec. 1	...	2	10	47.90	...	96	59	40.9	M										
4	...		10	47.82	...		59	40.4	M										
19	...		10	47.97	...		59	40.4	M										
21	...		10	47.94	...		59	38.9	M										
22	...		10	47.93	...		59	40.5	M										
29	...		10	47.88	...		59	42.4	R										
<b>38</b> $\phi$ Eridani.																			
Dec. 12	4.2	2	12	4.76	...	142	5	11.2	M										
13	4.3		12	4.67	...		5	14.7	M										
<b>39</b> S Persei, Var. 4.																			
Jan. 8	8.5	2	13	57.95	...	31	58	56.8	R										
10	8.5		13	58.02	...		58	56.1	R										
11	8.8		13	57.92	...		58	55.0	R										
12	9.3		13	58.10	...		58	55.0	R										
13	9.4		13	58.20	...		58	54.1	R										
18	9.5		13	58.21	...		58	56.2	R										
19	9.6		13	58.02	...		58	52.6	R										
20	10.2		13	57.97	...		58	55.0	R										
<b>40</b> Anon																			
Jan. 7	8.3	2	14	22.92	...	31	43	59.8	R										
14	8.5		14	23.09	...		43	0.5	R										
15	8.8		14	22.89	...		43	59.0	R										
Dec. 15	8.5		14	23.01	...		43	59.6	M										
<b>41</b> $\delta$ Hydri.																			
Dec. 21	4.3	2	19	33.17	...	159	13	26.3	M										
29	4.0		19	32.91	...		13	28.6	R										
<b>42</b> 73 Ceti $\xi^3$																			
Dec. 1	...	2	21	34.05	...	82	5	48.5	M										
7	...		21	33.96	...		5	48.1	M										
14	...		21	33.98	...		5	49.2	M										
18	...		21	33.85	...	5	5	49.8	M										
20	...		21	33.96	...		5	48.5	M										
22	...		21	34.07	...		5	48.3	M										
<b>43</b> 82 Ceti $\delta$																			
Dec. 11	4.7	2	33	7.64	...	90	12	27.1	M										
12	4.6		33	7.58	...		12	28.1	M										
13	4.4		33	7.56	...		12	28.2	M										
14	4.6		33	7.46	...		12	27.4	M										
<b>44</b> $\iota$ Eridani.																			
Dec. 15	4.4	2	35	45.85	...	130	23	14.1	M										
18	4.3		35	46.25	...		23	14.8	M										
29	4.0		35	46.06	...		23	12.7	R										

7-78  
72

51-83  
71

1120

47-95

33-64

46-16

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		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
<b>45</b> 86 Ceti $\gamma$										<b>51</b> 92 Ceti $\alpha$ , Menkar.									
Jan. 4	...	2	36	52.60	...	87	17	16.5	R	Jan. 4	...	2	55	47.88	...	86	23	50.9	R
8	...	36	52.59	...		17	17.8	R	5	...	55	47.93	...		23	51.7	R		
20	...	36	52.61	...		17	16.1	R	11	...	55	47.91	...		23	51.6	R		
Dec. 1	...	36	52.50	...		17	16.6	M	20	...	55	47.88	...		23	50.7	R		
4	...	36	52.62	...		17	16.4	M	Dec. 4	...	55	47.88	...		23	52.1	M		
5	...	36	52.56	...		17	16.0	M	5	...	55	47.91	...		23	50.9	M		
6	...	36	52.54	...		17	16.7	M	6	...	55	47.94	...		23	52.3	M		
7	...	36	52.68	...		17	16.9	M	8	...	55	47.87	...		23	50.8	M		
8	...	36	52.52	...		17	15.8	M	<b>52</b> 11 Eridani $\tau^3$										
16	...	36	52.60	...		17	16.4	M	Dec. 11	4.7	2	56	55.37	...	114	6	43.0	M	
<b>46</b> 89 Ceti $\pi$										12	4.5	56	55.45	...		6	42.7	M	
Dec. 20	4.6	2	38	13.36	...	104	23	3.4	M	14	4.7	56	55.28	...		6	43.6	M	
22	4.4	38	13.16	...		23	4.7	M	<b>53</b> R. P. L. 33.										
<b>47</b> 41 Arietis.										Jan. 8	...	3	3	16.79	3	5	32	2.0	R
Dec. 11	3.0	2	42	41.24	...	63	15	2.8	M	<b>54</b> 57 Arietis $\delta$									
19	...	42	41.24	...		15	4.3	M	Jan. 5	...	3	4	32.40	...	70	44	37.3	R	
<b>48</b> 3 Eridani $\eta$										7	...	4	32.44	...		44	37.4	R	
Dec. 13	3.9	2	50	22.03	...	99	23	33.6	M	10	...	4	32.35	...		44	38.4	R	
16	3.9	50	22.27	...		23	33.1	M	19	...	4	32.43	...		44	38.5	R		
21	4.0	50	21.98	...		23	32.1	M	Dec. 6	...	4	32.38	...		44	39.5	M		
<b>49</b> $\theta$ Eridani—1st.										7	...	4	32.36	...		44	38.9	M	
Dec. 15	3.7	2	53	33.37	...	130	48	9.9	M	8	...	4	32.43	...		44	40.3	M	
18	3.5	53	33.44	...		48	10.8	M	16	...	4	32.45	...		44	35.7	M		
20	3.5	53	33.56	...		48	9.3	R	19	...	4	32.28	...		44	37.8	M		
<b>50</b> $\theta$ Eridani—2nd.										<b>55</b> 12 Eridani.									
Dec. 19	5.9	2	53	34.46 <sup>35</sup>	...	130	48	9.4	M	Dec. 11	...	3	6	43.28	...	119	28	37.8	M
20	...	53	34.34	...		48	7.6	M	12	3.7	6	43.35	...		28	37.3	M		
22	5.9	53	34.20	...		48	8.6	M	13	3.8	6	43.11	...		28	37.3	M		
										14	3.9	6	43.09	...		28	38.3	M	

41.26

21.26

33.30

17.94  
.33  
.49

32.46  
.25

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		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
<b>56</b> <i>13 Eridani ζ</i>										<b>64</b> <i>34 Eridani γ<sup>1</sup></i>									
Dec. 21	4.3	3	9	48.58	...	99	16	58.0	M	Jan. 4	...	3	52	14.59	...	108	51	45.2	R
22	4.5		9	48.51	...		16	58.7	M	6	...		52	14.57	...		51	45.5	R
29	4.0		9	48.46	...		16	58.5	R	10	...		52	14.68	...		51	47.1	R
<b>57</b> <i>16 Eridani τ<sup>4</sup></i>										12 ... 52 14.56 ... 51 46.8 R									
Dec. 29	3.3	3	13	59.34	...	112	12	38.7	R	14	...		52	14.66	...		51	45.8	R
<b>58</b> <i>R. P. L. 34.</i>										15 ... 26 4.11 3 44 54.9 R									
Jan. 4	...	3	26	3.29	3	3	44	53.6	R	16	...		52	14.68	...		51	47.2	R
15	...		26	4.11	3		44	54.9	R	19	...		52	14.63	...		51	45.9	R
Dec. 4	...		26	3.95	3		44	55.3	M	22	...		52	14.63	...		51	46.5	R
6	...		26	3.77	3		44	54.3	M	31	...		52	14.57	...		51	43.5	R
12	...		26	3.99	3		44	54.8	M	Dec. 13	...		52	14.46	...		51	46.3	M
<b>59</b> <i>18 Eridani ε</i>										20 ... 52 14.58 ... 51 44.7 M									
Dec. 21	4.0	3	27	5.32	...	99	52	45.0	M	<b>65</b> <i>R. P. L. 35.</i>									
<b>60</b> <i>19 Eridani τ<sup>5</sup></i>										Jan. 13 ... 3 53 15.71 3 4 46 29.5 R									
Dec. 29	3.9	3	28	18.61	...	112	2	59.9	R	28	...		58	15.56	3		46	29.4	R
<b>61</b> <i>23 Eridani δ</i>										Dec. 29 ... 58 15.19 3 46 31.4 R									
Dec. 29	3.5	3	37	18.47	...	100	11	4.4	R	<b>66</b> <i>R. P. L. 35—s.p.</i>									
<b>62</b> <i>25 Tauri η, Aleyone.</i>										May 17 ... 3 58 14.91 3 4 46 31.8 R									
Jan. 5	...	3	40	6.38	...	66	16	46.8	R	20	...		58	14.79	3		46	30.6	R
6	...		40	6.90	...		16	47.0	R	22	...		58	14.33	3		46	32.7	R
12	...		40	6.93	...		16	48.5	R	25	...		58	14.87	3		46	31.2	R
13	...		40	7.03	...		16	48.1	R	26	...		58	14.62	3		46	29.5	R
18	...		40	6.84	...		16	49.9	R	June 14	...		58	16.12	3		46	32.2	M
Dec. 5	...		40	6.87	...		16	48.5	M	<b>67</b> <i>38 Eridani ο<sup>1</sup></i>									
11	...		40	6.99	...		16	48.8	M	Jan. 7	...	4	5	48.72	...	97	9	44.8	R
19	...		40	7.01	...		16	49.2	M	11	...		5	48.67	...		9	44.8	R
<b>63</b> <i>ν<sup>2</sup> Eridani.</i>										13 ... 5 48.62 ... 9 45.0 R									
Dec. 18	4.2	3	44	48.92	...	126	34	37.2	M	17	...		5	48.87	...		9	46.4	R
29	4.0		44	48.74	...		34	36.5	R	Dec. 29	...		5	48.72	...		9	45.2	R
<b>64</b> <i>γ Doradus.</i>										Dec. 29 ... 4 12 46.58 ... 141 47 59.5 R									
Dec. 29	4.0	4	12	46.58	...	141	47	59.5	R										

702

46.80

Separate Results of Madras Meridian Circle Observations in 1876.

Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
<b>69</b> 41 Eridani $\nu^4$									Jan. 18	...	4	48	55.12	...	57	1	57.6	R	
Dec. 19	4.0	4	13	12 <sup>02</sup> .18	...	124	6	8.5	M	19	...	48	55.13	...	1	58.5	R		
									28	...	48	55.21	...	1	56.0	R			
									Feb. 2	...	48	55.19	...	1	56.1	M			
<b>70</b> T Tauri, Var. 6.									7	...	48	55.98	...	1	56.5	M			
Jan. 5	10.0	4	14	45.53	...	70	45	42.8	R	<b>76</b> Anon.									
6	10.0		14	45.53	...		45	41.9	R	Nov. 27	8.7	4	50	49.16	...	71	8	11.5	M
7	10.0		14	45.02	...		45	40.1	R	30	8.7		50	49.22	...		8	9.1	M
8	10.0		14	45.65	...		45	42.0	R	Dec. 1	8.8		50	49.07	...		8	11.3	M
10	10.0		14	45.61	...		45	41.6	R	4	8.7		50	49.28	...		8	11.3	M
11	10.0		14	45.53	...		45	41.0	R	6	8.6		50	49.41	...		8	11.1	M
<b>71</b> 43 Eridani $\nu^5$									<b>77</b> Anon.										
Dec. 29	4.0	4	19	22.45	5	124	18	20.9	R	Dec. 7	9.0	4	52	26.05	...	71	22	44.6	M
<b>72</b> 74 Tauri $\epsilon$									8	9.2		52	26.84	...		22	45.1	M	
Jan. 6	...	4	21	22.64	...	71	5	46.4	R	9	9.1		52	26.05	...		22	45.2	M
8	...		21	22.52	...		5	48.7	R	12	9.1		52	26.88	...		22	45.7	M
17	...		21	22.52	...		5	47.2	R	13	9.2		52	26.75	...		22	44.1	M
20	...		21	22.61	...		5	46.8	R	<b>78</b> 2 Leporis $\epsilon$									
Dec. 9	...		21	22.73	...		5	47.6	M	Jan. 10	...	5	0	12.06	...	112	32	22.1	R
12	...		21	22.58	...		5	48.4	M	11	...		0	12.71	...		32	21.2	R
15	...		21	22.54	...		5	49.6	M	15	...		0	12.75	...		32	21.8	R
<b>73</b> 87 Tauri $\alpha$ , Aldebaran.									28	...		0	12.63	...		32	20.2	R	
Jan. 7	...	4	28	48.36	...	73	44	31.2	R	Feb. 2	...		0	12.62	...		32	20.1	M
17	...		28	48.31	...		44	32.1	R	Dec. 11	...		0	12.67	...		32	21.3	M
22	...		28	48.46	...		44	32.6	R	29	...		0	12.66	...		32	22.4	R
Dec. 9	...		28	48.36	...		44	32.4	M	<b>79</b> $\mu$ Doradus, Var. 1.									
11	...		28	48.32	...		44	32.2	M	Dec. 13	9.6	5	5	53.30	...	151	57	57.2	M
<b>74</b> $\alpha$ Doradus.									14	9.5		5	53.20	...		57	59.7	M	
Dec. 20	3.7	4	31	18.93	...	145	18	8.4	M	18	9.7		5	53.59	...		57	56.4	M
21	3.8		31	19.10	...		18	6.0	M	<b>80</b> 19 Orionis $\beta$ , Rigel.									
<b>75</b> 3 Aurigæ $\iota$									Jan. 14	...	5	8	34.63	...	98	20	47.4	R	
Jan. 8	...	4	48	55.19	...	57	1	58.0	R	18	...		8	34.82	...		20	47.5	R
12	...		48	55.21	...		1	57.4	R										
14	...		48	55.19	...		1	57.0	R										

12.08

53.24

Separate Results of Madras Meridian Circle Observations in 1876.

Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
<b>81</b> 24 Orionis $\gamma$										<b>88</b> 44 Orionis $\iota$ —1st.									
Dec. 19	1.9	5	18	28.6 <sup>7</sup>	...	83	45	52.9	M	Dec. 29	...	5	29	21.76	...	95	59	36.1	R
21	2.0		18	28.71	...		45	50.3	M	<b>89</b> 46 Orionis $\epsilon$									
29	1.7		18	28.67	...		45	51.1	R	Jan. 13	...	5	29	55.23	...	91	16	58.6	R
<b>82</b> R. P. L. 40.										15	...		29	55.16	...		16	58.7	R
Jan. 22	...	5	22	26.74	3	4	52	22.3	R	22	...		29	55.16	...		16	59.8	R
31	...		22	27.18	3		52	21.4	R	31	...		29	55.24	...		16	57.5	R
Feb. 2	...		22	27.74	3		52	22.2	M	<b>90</b> 48 Orionis $\sigma$ —1st.									
7	...		22	28.05	3		52	21.6	M	Dec. 19	4.4	5	32	31.10 <sup>02</sup>	...	92	40	25.6	M
14	...		22	27.82	3		52	20.4	M	<b>91</b> R. P. L. 42—s.p.									
<b>83</b> S Orionis, Var. 4.										July 29	...	5	32	57.63	3	2	41	10.3	R
Jan. 7	9.2	5	22	53.40	...	94	47	40.9	R	31	...		32	58.46	3		41	12.2	R
8	9.3		22	53.38	...		47	41.6	R	Aug. 1	...		32	58.54	3		41	12.5	R
10	9.5		22	53.64	4		47	39.8	R	3	...		32	57.66	3		41	10.5	R
11	9.8		22	53.23	...		47	39.2	R	4	...		32	58.46	3		41	12.1	R
12	10.1		22	53.29	...		47	38.7	R	26	...		32	58.04	7		41	10.5	R
13	10.2		22	53.20	...		47	38.0	R	<b>92</b> $\alpha$ Columbae.									
14	10.1		22	53.16	...		47	37.7	R	Feb. 2	...	5	35	9.71	...	124	8	28.9	M
15	10.0		22	53.12	...		47	37.4	R	7	...		35	9.47	...		8	28.5	M
17	10.1		22	53.17	...		47	37.7	R	14	...		35	9.72	...		8	28.6	M
18	10.3		22	53.22	...		47	38.0	R	<b>93</b> 53 Orionis $\kappa$									
<b>84</b> 9 Leporis $\beta$										Dec. 29	2.6	5	41	52.40	...	99	42	55.4	R
Dec. 18	4.3	5	22	55.8 <sup>24</sup>	...	110	51	35.9	M	<b>94</b> $\beta$ Columbae.									
22	4.3		22	55.84	...		51	35.8	M	Dec. 21	3.0	5	46	35.22	...	125	48	58.1	M
<b>85</b> 34 Orionis $\delta$ , Var. 1.										22	3.3		46	35.13	...		48	59.6	M
Dec. 9	...	5	25	40.32	...	90	23	32.7	M	<b>95</b> 58 Orionis $\alpha$ , Var. 2, Betelgeux.									
<b>86</b> $\epsilon$ Columbae.										Jan. 31	...	5	48	27.60	...	82	37	3.1	R
Dec. 20	4.3	5	26	48.50	...	125	33	44.8	M	Feb. 7	...		48	27.53	...		37	3.5	M
<b>87</b> 11 Leporis $\alpha$										14	...		48	27.50	...		37	3.1	M
Jan. 28	...	5	27	15.69	...	107	54	45.0	R	21	...		48	27.50	...		37	3.0	M
Dec. 16	...		27	15.68	...		54	44.8	M										

28.67

55.84

15.64

## Separate Results of Madras Meridian Circle Observations in 1876.

Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
<b>96</b> 34 <i>Aurigæ</i> $\beta$										<b>105</b> 10 <i>Canis Minoris</i> $\alpha$ , <i>Procyon</i> .									
Dec. 29	1.8	5	50	25.63	...	46	4	4.2	R	Feb. 28	...	7	32	48.43	...	84	27	29.4	M
<b>97</b> <i>R. P. L.</i> 43— <i>s.p.</i>										Mar. 6	...	32	48.59	...	27	30.3	R		
June 17	...	5	57	21.37	2	8	14	15.9	M	13	...	32	48.54	...	27	29.4	R		
<b>98</b> 67 <i>Orionis</i> $\nu$										<b>106</b> 78 <i>Geminorum</i> $\beta$ , <i>Pollux</i> .									
Feb. 14	...	6	0	29.49	...	75	13	6.0	M	Feb. 28	...	7	37	43.84	...	61	40	34.3	M
21	...	0	29.59	...	13	6.3	M	Mar. 13	...	37	43.59	...	40	33.9	R				
<b>99</b> <i>T Monocerotis</i> , <i>Var.</i> 3.										<b>107</b> <i>R. P. L.</i> 49.									
Jan. 5	6.3	6	18	30.78	...	82	50	55.3	R	Mar. 6	...	7	46	59.36	3	5	35	25.5	R
6	6.1	18	30.85	...	50	54.6	R	<i>R. P. L.</i> 49— <i>s.p.</i>											
7	6.0	18	31.03	...	50	54.4	R	Sep. 18	...	7	46	58.38	3	5	35	26.4	R		
8	6.2	18	31.04	...	50	56.3	R	<b>108</b> 6 <i>Cancri</i> .											
10	6.4	18	31.11	...	50	55.7	R	Mar. 6	...	7	55	54.01	...	61	51	34.8	R		
11	6.8	18	31.03	...	50	55.0	R	20	...	55	53.98	...	51	33.6	R				
12	7.0	18	31.12	...	50	55.1	R	<b>109</b> 15 <i>Argus</i> $\iota$											
13	7.0	18	31.14	...	50	55.2	R	Mar. 20	...	8	2	15.74	...	113	56	50.9	R		
14	7.0	18	31.13	...	50	54.1	R	27	...	2	15.77	...	56	52.1	R				
15	7.0	18	31.11	...	50	52.2	R	<b>110</b> <i>Anon.</i>											
<b>100</b> 24 <i>Geminorum</i> $\gamma$										Mar. 27	9.5	8	13	20.63	...	131	19	26.8	R
Mar. 6	...	6	30	32.88	...	73	29	49.0	R	28	9.5	13	20.64	...	19	25.4	R		
<b>101</b> 51 <i>Cephei</i> ( <i>Hev.</i> ).										29	9.3	13	20.59	..	19	25.8	R		
Feb. 21	...	6	41	46.00	3	2	45	53.4	M	30	9.3	13	20.64	...	19	23.0	R		
28	...	41	46.10	3	45	53.5	M	<b>111</b> 33 <i>Cancri</i> $\eta$											
<b>102</b> 23 <i>Canis Majoris</i> $\gamma$										Mar. 28	...	8	25	32.17	...	60	8	19.9	R
Feb. 21	...	6	58	8.90	...	105	27	5.4	M	<b>112</b> 11 <i>Hydræ</i> $\epsilon$									
<b>103</b> 66 <i>Geminorum</i> $\alpha^2$ , <i>Castor</i> .										Mar. 20	...	8	40	12.55	...	83	7	36.8	R
Feb. 28	...	7	26	41.14	...	57	50	30.3	M	27	...	40	12.52	...	7	36.9	R		
Mar. 13	...	26	41.27	...	50	29.7	R	30	...	40	12.49	...	7	36.7	R				
<b>104</b> <i>R. P. L.</i> 45— <i>s.p.</i>										<b>104</b> <i>R. P. L.</i> 45— <i>s.p.</i>									
Aug. 21	...	7	30	12.02	2	1	0	32.5	R	Aug. 21	...	7	30	12.02	2	1	0	32.5	R

Separate Results of Madras Meridian Circle Observations in 1876.

Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
<b>113</b> R. P. L. 60.										<b>R. P. L. 70—s.p.</b>									
Mar. 18	...	8	49	6 91	3	5	19	34 0	R	Sep. 6	...	9	48	25 50	3	5	29	8 8	R
27	...	49	7 99	3	19	34 6	R		29	...	48	26 07	3	29	11 2	R			
<b>R. P. L. 60—s.p.</b>										Oct. 18 ... 48 25 16 3 29 12 2 R									
Sep. 14	...	8	49	7 06	3	5	19	36 5	R	Nov. 2	...	48	26 27	3	29	10 9	M		
Oct. 19	...	49	8 07	3	19	33 4	M		3	...	48	26 74	3	29	10 7	M			
21	...	49	7 75	3	19	33 3	M		<b>119</b> 29 Leonis $\pi$										
23	...	49	7 76	3	19	36 0	M		Apl. 17	...	9	53	39 49	...	81	21	41 5	R	
30	...	49	7 80	3	19	35 5	M		<b>120</b> 32 Leonis $\alpha$ , Regulus.										
31	...	49	7 98	3	19	34 0	M		Mar. 29	...	10	1	45 87	...	77	25	38 4	R	
<b>114</b> 83 Cancri.										30 ... 1 46 04 ... 25 38 3 R									
Mar. 27	...	9	12	3 48	...	71	46	10 5	R	<b>121</b> R. P. L. 72.									
29	...	12	3 42	...	46	12 2	R		Mar. 28	...	10	11	18 61	3	5	7	11 4	R	
31	...	12	3 53	...	46	12 2	R		29	...	11	18 97	3	7	11 5	R			
<b>115</b> 30 Hydræ $\alpha$ , Var. 2.										Apl. 3 ... 11 19 26 3 7 11 5 M									
Mar. 28	...	9	21	29 55	...	98	7	18 7	R	17	...	11	18 51	3	7	10 8	M		
29	...	21	29 47	...	7	18 6	R		<b>R. P. L. 72—s.p.</b>										
31	...	21	29 61	...	7	18 4	R		Sep. 25	...	10	11	19 23	3	5	7	12 2	R	
<b>116</b> R. P. L. 69.										<b>122</b> 41 Leonis $\gamma^1$									
Mar. 30	...	9	36	41 77	3	2	49	58 7	R	Mar. 30	...	10	13	7 99	...	69	31	55 2	R
<b>R. P. L. 69—s.p.</b>										Apl. 19 ... 13 7 98 ... 31 54 5 R									
Oct. 10	...	9	36	40 76	3	2	50	0 6	R	<b>123</b> 47 Leonis $\rho$									
<b>117</b> 17 Leonis $\epsilon$										Apl. 20 ... 10 26 16 86 ... 80 3 18 7 R									
Mar. 28	...	9	38	48 64	...	65	39	20 6	R	<b>124</b> 53 Leonis $l$ .									
31	...	38	48 57	...	39	20 9	R		Apl. 3	...	10	42	44 31	...	78	47	56 1	M	
Apl. 17	...	38	48 65	...	39	21 4	R		10	...	42	44 37	...	47	55 5	M			
<b>118</b> R. P. L. 70.										17 ... 42 44 33 ... 47 55 5 R									
Apl. 19	...	9	48	26 30	3	5	29	8 6	R	19	...	42	44 27	...	47	53 3	R		
										21 ... 42 44 24 ... 47 54 2 R									

Separate Results of Madras Meridian Circle Observations in 1876.

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		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
<b>125</b> <b>63 Leonis <math>\chi</math></b>										<b>133</b> <b>15 Virginis <math>\eta</math></b>									
Apl. 19	...	10	58	37.21	...	81	59	37.2	R	Apl. 10	...	12	13	33.71	...	89	58	37.4	M
20	...	58	37.21	...		59	37.2	R	27	...	13	33.71	...		58	36.9	R		
<b>126</b> <b>68 Leonis <math>\delta</math></b>										<b>134</b> <b>Anon.</b>									
Apl. 10	...	11	7	30.62	...	68	47	48.8	M	Apl. 19	9.6	12	15	52.30	...	90	46	17.0	R
21	...	7	30.72	...		47	48.6	R	20	9.6	15	52.33	...		46	17.0	R		
<b>127</b> <b>12 Crateris <math>\delta</math></b>										<b>135</b> <b>9 Corvi <math>\beta</math></b>									
Apl. 3	...	11	13	8.53	...	104	6	27.0	M	May 3	...	12	27	52.41	...	112	42	37.4	R
20	...	13	8.51	...		6	26.9	R											
22	...	13	8.47	...		6	27.9	R											
24	...	13	8.58	...		6	26.9	R											
<b>128</b> <b>91 Leonis <math>\nu</math></b>										<b>136</b> <b>R. P. L. 98.</b>									
Apl. 3	...	11	30	35.99	...	90	8	20.2	M	Apl. 24	...	12	48	6.90	3	5	54	27.0	R
22	...	30	35.92	...		8	19.8	R											
<b>129</b> <b>Anon.</b>										<b>137</b> <b>R. P. L. 99.</b>									
Mar. 27	8.4	11	33	41.45	...	144	18	33.9	R	Apl. 28	...	12	48	<sup>14.47</sup> <del>16.64</del>	3	5	54	45.9	R
28	8.5	33	41.48	...		18	34.5	R											
29	8.4	33	41.42	...		18	33.1	R											
30	8.5	33	41.39	...		18	33.6	R											
<b>130</b> <b>94 Leonis <math>\beta</math>, Deneb.</b>										<b>138</b> <b>51 Virginis <math>\theta</math></b>									
Apl. 21	...	11	43	44.04	...	74	44	5.9	R	Apl. 27	...	13	3	31.77	...	94	52	34.3	R
22	...	42	44.07	...		44	6.1	R	29	...	3	31.78	...		52	33.7	R		
24	...	42	43.99	...		44	4.3	R	May 1	...	3	31.77	...		52	34.4	R		
										9	...	3	31.79	...		52	33.8	R	
										12	...	3	31.83	...		52	33.2	R	
										16	...	3	31.81	...		52	32.8	R	
<b>131</b> <b>R. P. L. 89.</b>										<b>139</b> <b>67 Virginis <math>\alpha</math>, Spica.</b>									
Apl. 21	...	11	58	29.56	3	3	43	32.4	R	Apl. 29	...	13	18	30.71	...	100	30	47.1	R
<b>R. P. L. 89—s.p.</b>										<b>140</b> <b>R. P. L. 103.</b>									
Nov. 27	...	11	58	30.69	3	3	43	32.8	M	Apl. 27	...	13	19	<sup>41.12</sup> <del>42.73</del>	3	4	35	52.1	R
										May 3	...	19	<sup>41.12</sup> <del>42.35</del>	3		35	52.2	R	
										16	...	19	<sup>41.12</sup> <del>42.55</del>	3		35	51.3	R	
<b>132</b> <b>2 Corvi <math>\epsilon</math></b>										<b>R. P. L. 103—s.p.</b>									
Apl. 24	...	12	3	44.94	...	111	55	46.6	R	Dec. 18	...	13	19	<sup>41.44</sup> <del>43.04</del>	3	4	35	52.2	M
28	...	3	44.98	...		55	47.3	R											

45.02

33.74

52.46

14.47

17.7

31.79

1.79

1.83

1.85

1.87

31.81

24.73

41.12

41.18

41.80

41.44

41.19

Separate Results of Madras Meridian Circle Observations in 1876.

Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.	
		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"		
<b>141</b> <i>79 Virginis ζ</i>																				
21-53 .57 .57	Apl. 28	...	18	28	22 <sup>3</sup> 55	...	89	57	38.5	R	Apl. 27	9.0	14	27	6.41 2.71	3	5	36	23.1	R
	May 1	...	28	22	56 <sup>7</sup>	...		57	39.1	R	29	8.9	27	2.25 6.25	...		36	22.7	R	
	9	...	28	22	55 <sup>7</sup>	...		57	39.1	R	May 1	9.0	27	7.19 6.19	...		36	24.0	R	
	18	...	28	22	55	...		57	38.0	R	8	...	27	7.26 6.26	3		36	24.1	R	
											12	9.7	27	7.42 6.42	...		36	21.1	R	
											13	9.9	27	7.31 6.31	...		36	22.1	R	
<b>142</b> <i>8 Bootis η</i>																				
46.82 .75 .81 .85 .83 .81	Apl. 28	...	13	48	46 <sup>82</sup> 90	...	70	58	47.0	R	<b>147</b> <i>R Camelopardi, Var. 1.</i>									
	May 3	...	48	46	79	...		58	45.7	R	Apr. 27	9.0	14	27	6.41 2.71	3	5	36	23.1	R
	9	...	48	46	87	...		58	46.0	R	29	8.9	27	2.25 6.25	...		36	22.7	R	
	12	...	48	46	86	...		58	45.8	R	May 1	9.0	27	7.19 6.19	...		36	24.0	R	
	16	...	48	46	85	...		58	44.5	R	8	...	27	7.26 6.26	3		36	24.1	R	
<b>143</b> <i>36 Bootis ε, Mirac.</i>																				
	May 20	...	14	39	34.10	...		62	24	6.3	R	12	9.7	27	7.42 6.42	...		36	21.1	R
	25	...	39	34	30	...		24	6.2	R	13	9.9	27	7.31 6.31	...		36	22.1	R	
<b>149</b> <i>9 Librae α<sup>2</sup></i>																				
	May 13	...	14	44	1.18	...	105	31	30.0	R	<b>148</b> <i>36 Bootis ε, Mirac.</i>									
	17	...	44	1.23	...			31	29.8	R	Apr. 28	9.0	14	27	6.41 2.71	3	5	36	23.1	R
	22	...	44	1.27	...			31	29.7	R	May 9	...	27	6.17 3	...		36	24.2	R	
	26	...	44	1.24	...			31	30.2	R	16	7.9	27	6.41 2.71	...		20.1	R		
	June 2	...	44	1.26	...			31	31.3	M	May 20	...	14	39	34.10	...	62	24	6.3	R
	5	...	44	1.30	...			31	30.9	M	25	...	39	34.30	...	24	6.2	R		
	6	...	44	1.29	...			31	30.1	M	<b>149</b> <i>9 Librae α<sup>2</sup></i>									
	July 10	...	44	1.21	...			31	32.3	R	May 13	...	14	44	1.18	...	105	31	30.0	R
<b>150</b> <i>W. B. E. XIV. 896.</i>																				
	Apl. 28	8.9	14	48	59.90	...	102	42	5.0	R	17	...	44	1.23	...		31	29.8	R	
	29	8.9	49	0.03	...			42	5.7	R	22	...	44	1.27	...		31	29.7	R	
	May 1	8.9	49	0.04	...			42	4.8	R	26	...	44	1.24	...		31	30.2	R	
	8	...	49	0.04	...			42	5.2	R	June 2	...	44	1.26	...		31	31.3	M	
	9	8.9	49	0.04	...			42	4.5	R	5	...	44	1.30	...		31	30.9	M	
											6	...	44	1.29	...		31	30.1	M	
											July 10	...	44	1.21	...		31	32.3	R	
<b>145</b> <i>16 Bootis α, Arcturus.</i>																				
0.35 .34	May 1	...	14	10	0.37	...	70	10	16.7	R	<b>151</b> <i>Anon.</i>									
	16	...	10	0.36	...			10	15.0	R	Apr. 27	9.4	14	55	48.07	2	104	0	53.8	R
	17	...	10	0.40	...			10	15.2	R	28	9.2	55	48.25	...		0	59.2	R	
	22	...	10	0.27	...			10	15.1	R	29	9.2	55	48.25	...		0	59.1	R	
	June 2	...	10	0.27	...			10	17.1	M	May 1	9.4	55	48.18	...		0	59.7	R	
											9	9.5	55	48.47	...		0	57.3	R	
<b>146</b> <i>25 Bootis ρ</i>																				
	June 2	...	14	26	29.33	...	59	5	0.2	M	<b>152</b> <i>43 Bootis ψ</i>									
	5	...	26	29	09	...		4	59.1	M	May 26	...	14	59	8.04	...	62	34	4.8	R
											June 6	...	59	7.84	...		34	2.6	M	

6.41  
(1.34) 2.54  
.55  
.29  
.26  
6.4  
6.77  
7.01

1.49

49.0.03  
06  
07  
07  
07  
49.0.06

48.09  
25  
24  
21  
55  
48.27

Separate Results of Madras Meridian Circle Observations in 1876.

Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.	Number and Date.	Magnitude.	Mean Right Ascension 1876.			No. of Wires.	Mean Polar Distance 1876.			Observer.						
		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"							
<b>153</b> <i>R. P. L. 111.</i>										<b>158</b> <i>R. Serpentina, Var. 2.</i>															
May 17	...	15	4	20.26	3	5	34	14.2	R	May 13	8.0	15	44	58.61	...	74	29	18.7	R						
20	...	4	20.15	3	34	14.1	R	16	8.1	44	58.61	...	29	17.9	R	17	8.1	44	58.56	...	29	18.1	R		
<i>R. P. L. 111—s.p.</i>										20 8.4 44 58.46 ... 29 18.4 R															
Jan. 4	...	15	4	21.69	3	5	34	12.4	R	22	8.8	44	58.46	...	29	18.3	R	58.60							
13	...	4	21.10	3	34	12.7	R																		
Dec. 15	...	4	21.85	2	34	8.7	M																		
20	...	4	22.16	2	34	11.1	M																		
<b>154</b> <i>27 Libræ β</i>										<b>159</b> <i>R. P. L. 115—s.p.</i>															
May 20	...	15	10	20.20	...	98	55	24.5	R	Jan. 15	...	15	46	36.27	3	4	46	5.5	R						
22	...	10	20.19	...	55	23.8	R	28	...	46	34.36	3	46	4.3	R	Dec. 4	...	46	36.06	3	46	8.5	M		
25	...	10	20.12	...	55	25.1	R	6	...	46	35.95	3	46	7.0	M										
June 8	...	10	20.04	...	55	26.5	M																		
<b>155</b> <i>R. P. L. 114.</i>										<b>160</b> <i>8 Scorpii β<sup>1</sup></i>															
May 12	...	15	17	56.16	3	2	17	34.6	R	June 27	...	15	58	13.70	...	109	27	51.5	M						
22	...	17	53.95	3	17	35.8	R																		
25	...	17	54.75	3	17	36.1	R																		
26	...	17	54.49	3	17	35.0	R																		
June 14	...	17	55.74	3	17	36.4	M																		
<i>R. P. L. 114—s.p.</i>										<b>161</b> <i>R. P. L. 116—s.p.</i>															
Jan. 8	...	15	17	56.42	3	2	17	37.8	R	Jan. 22	...	16	2	13.98	3	4	20	42.5	R						
										31	...	2	14.35	3	20	42.1	R	Nov. 30	...	2	14.20	3	20	45.2	M
										Dec. 12	...	2	15.33	3	20	41.9	M								
<b>156</b> <i>5 Coronæ Borealis α, Alpha.</i>										<b>162</b> <i>1 Ophiuchi δ</i>															
May 26	...	15	29	26.25	...	62	51	59.6	R	June 14	...	16	7	50.80	...	93	22	24.5	M						
June 5	...	29	26.33	...	52	0.3	M	27	...	7	50.82	...	22	25.9	M	July 5	...	7	50.86	...	22	25.4	R		
6	...	29	26.38	...	51	59.0	M	10	...	7	50.86	...	22	24.5	R										
8	...	29	26.37	...	52	0.8	M																		
<b>157</b> <i>24 Serpentina α</i>										<b>163</b> <i>21 Scorpii α, Antares.</i>															
May 25	...	15	38	9.62	...	83	10	58.2	R	June 17	...	16	21	48.45	...	110	9	18.2	M						
June 17	...	38	9.58	...	10	59.1	M	27	...	21	48.41	...	9	17.7	M	July 5	...	21	48.37	...	9	18.2	R		
July 10	...	38	9.64	...	10	55.7	R																		
										<b>164</b> <i>40 Herculis ζ</i>															
										June 14	...	16	36	36.71	4	58	10	17.1	M						
										17	...	36	36.75	...	10	18.0	M								
										July 5	...	36	36.74	...	10	17.9	R								
										19	...	36	36.68	...	10	17.6	R								
										29	...	36	36.73	...	10	16.1	R								
										Aug. 1	...	36	36.68	...	10	15.3	R								

57.91



Separate Results of Madras Meridian Circle Observations in 1876.

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		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
<b>177</b> Anon.									<b>R. P. L. 131—s.p.</b>										
June 17	9.4	18	8	52.40	...	122	24	33.5	M	Feb. 28	...	18	55	12.11	3	3	27	1.9	M
July 19	9.4		8	52.70	...		24	31.1	R	Mar. 6	...		55	11.84	3		27	1.9	R
22	...		8	52.62	...		24	31.9	R	<b>184</b> 17 Aquilæ ζ									
Aug. 12	9.9		8	52.68	...		24	31.8	R	Aug. 3	...	18	59	42.58	...	76	19	8.9	R
<b>178</b> 23 Ursæ Minoris δ									4	...		59	42.59	...		19	8.6	R	
Aug. 1	...	18	12	17.95	3	3	23	29.9	R	10	...		59	42.55	...		19	9.7	R
26	...		12	18.76	3		23	31.5	R	15	...		59	42.40	...		19	10.2	R
<b>23 Ursæ Minoris δ—s.p.</b>									16	...		59	42.56	...		19	8.8	R	
Feb. 2	...	18	12	20.68	3	3	23	31.6	M	18	...		59	42.53	...		19	10.2	R
14	...		12	20.69	3		23	32.2	M	26	...		59	42.55	...		19	11.1	R
21	...		12	20.38	3		23	30.9	M	<b>185</b> 25 Aquilæ ω									
Dec. 29	...		12	19.13	3		23	31.5	R	Aug. 14	...	19	11	59.81	...	78	37	34.5	R
<b>179</b> 24 Ursæ Minoris.									16	...		11	59.74	...		37	35.1	R	
July 29	...	18	16	39.82	3	3	0	47.7	R	21	...		11	59.07	...		37	34.9	M
Aug. 3	...		16	39.99	3		0	47.8	R	<b>186</b> 30 Aquilæ δ									
4	...		16	40.81	3		0	45.3	R	Aug. 16	...	19	19	14.61	...	87	7	49.5	R
<b>180</b> Anon.									26	...		19	14.61	...		7	51.1	R	
July 31	10.5	18	30	10.78	...	136	55	4.7	R	Sep. 6	...		19	14.67	...		7	50.0	R
Aug. 1	10.5		30	10.62	...		55	2.6	R	<b>187</b> 52 Sagittarii h <sup>2</sup>									
<b>181</b> 3 Lyræ α, Vega.									Aug. 4	...	19	29	9.53	...	115	9	16.6	R	
Aug. 12	...	18	32	44.35	...	51	19	49.3	R	18	...		29	9.54	...		9	18.2	R
15	...		32	44.29	...		19	50.5	R	26	...		29	9.54	...		9	19.6	R
<b>182</b> 10 Lyræ β, Var. 1.									Sep. 14	...		29	9.41	...		9	17.7	R	
Aug. 18	...	18	45	30.09	...	56	46	48.4	R	<b>188</b> 50 Aquilæ γ									
21	...		45	30.12	...		46	48.3	M	Sep. 14	...	19	40	21.91	...	79	41	14.9	R
<b>183</b> R. P. L. 131.									20	...		40	21.82	...		41	11.6	R	
June 17	...	18	55	12.10	2	3	27	0.4	M	<b>189</b> 11 Vulpeculæ, Var. 1.									
July 31	...		55	10.64	3		26	59.3	R	Aug. 4	10.5	19	42	35.43	...	62	59	11.9	R
Aug. 21	...		55	12.42	3		27	0.5	M	7	10.5		42	35.44	...		59	8.9	R
										10	...		42	35.51	4		59	9.4	R
										12	10.6		42	35.42	...		59	8.7	R
										15	...		42	35.58	3		59	11.0	R

59.66

30.09

10.73

Separate Results of Madras Meridian Circle Observations in 1876.

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		h.	m.	s.		°	'	"				h.	m.	s.		°	'	"	
Aug. 16	10.7	19	42	35.47	...	62	59	8.5	R	<b>196</b>	<i>11 Capricorni ρ</i>								
18	10.9	42	35.47	...	59	12.7	R	Aug. 21	...		20	21	47.69	...	108	13	20.5	M	
Sep. 6	10.8	42	35.68	...	59	10.8	R	Sep. 7	...		21	47.09	...	13	19.3	R	47.11		
7	10.9	42	35.54	...	59	11.4	R	14	...		21	47.12	...	13	17.4	R			
<b>190</b> <i>53 Aquilæ α, Altair.</i>									19	...	21	47.11	...	13	19.2	R			
Sep. 28	...	19	44	44.01	...	81	27	26.4	R	22	...	21	47.12	...	13	19.4		R	
<b>191</b> <i>60 Aquilæ β</i>									<b>197</b> <i>R. P. L. 143.</i>										
Sep. 6	...	19	49	13.41	...	83	54	3.7	R	Sep. 6	...	20	27	59.69	3	5	16	3.2	R
20	...	49	13.33	...	54	2.8	R	14	...	27	59.92	3	16	1.5	R				
<b>192</b> <i>6 Capricorni α<sup>2</sup></i>									18	...	28	0.28	3	16	3.6	R			
Sep. 6	...	20	11	10.25	...	102	55	38.1	R	Oct. 19	...	28	0.94	3	16	2.2	M		
7	...	11	10.37	...	55	40.2	R	21	...	28	0.61	3	16	0.9	M				
18	...	11	10.42	...	55	40.4	R	23	...	28	0.55	3	16	1.5	M				
22	...	11	10.37	...	55	40.2	R	30	...	28	0.76	3	16	1.4	M				
26	...	11	10.44	...	55	39.0	R	<b>R. P. L. 143—s.p.</b>											
<b>193</b> <i>X Capricorni, Var. 7.</i>									Mar. 13	...	20	27	59.90	3	5	16	4.4	R	
Sep. 18	10.4	20	15	38.93	...	106	24	16.2	R	20	...	28	0.04	3	16	4.7	R		
19	10.5	15	38.92	...	24	16.1	R	<b>198</b> <i>50 Cygni α, Deneb.</i>											
20	10.8	15	38.93	...	24	15.4	R	Sep. 23	...	20	37	12.26	...	45	9	43.0	R		
22	10.6	15	38.90	...	24	17.4	R	Oct. 18	...	37	12.36	...	9	42.8	M				
23	10.6	15	39.01	...	24	17.5	R	24	...	37	12.49	...	9	43.3	M				
25	10.8	15	39.10	...	24	16.8	R	<b>199</b> <i>32 Vulpeculæ.</i>											
26	10.8	15	39.14	...	24	19.0	R	Sep. 7	...	20	49	16.47	...	62	24	47.7	R		
29	10.8	15	39.16	...	24	18.8	R	18	...	49	16.46	...	24	48.3	R				
<b>194</b> <i>U Cygni, Var. 6.</i>									22	...	49	16.44	...	24	47.3	R			
Oct. 18	8.0	20	15	46.20	...	42	29	46.9	M	25	...	49	16.50	...	24	46.9	R		
19	8.1	15	46.01	...	29	46.8	M	Oct. 4	...	49	16.49	...	24	48.1	R				
21	8.3	15	45.98	...	29	45.9	M	7	...	49	16.51	...	24	47.4	R				
23	8.5	15	45.84	...	29	47.7	M	18	...	49	16.58	...	24	47.2	M				
24	8.5	15	45.91	...	29	46.6	M	24	...	49	16.49	...	24	47.9	M				
<b>195</b> <i>Anon.</i>									<b>200</b> <i>64 Cygni ζ</i>										
Aug. 1	10.5	20	16	41.05	...	106	30	48.1	R	Sep. 20	...	21	7	39.47	...	60	16	51.2	R
									25	...	7	39.46	...	16	50.6	R			
									29	...	7	39.56	...	16	51.2	R			



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		h.	m.	s.		o.	'	"				h.	m.	s.		o.	'	"	
<b>209</b> <i>62 Aquarii η</i>										<b>214</b> <i>8 Piscium κ</i>									
Oct. 2	...	22	28	58.95	...	90	45	21.1	R	Nov. 1	...	23	20	34.46	...	89	25	24.6	M
7	...	28	59.01	...		45	22.6	R											
<b>210</b> <i>Anon.</i>										<b>215</b> <i>R. P. L. 158—s.p.</i>									
Sep. 26	7.2	22	46	27.69	...	130	4	43.1	R	Apr. 21	...	25	27	49.07	3	3	22	36.8	R
Oct. 2	7.5	46	27.78	...		4	43.6	R	24	...	27	50.28	3		22	38.7	R		
<b>211</b> <i>Anon.</i>										<b>216</b> <i>17 Piscium ι</i>									
Sep. 23	9.5	22	48	9.19	...	128	54	5.3	R	Nov. 1	...	23	33	34.34	...	85	2	45.4	M
25	9.6	48	9.13	...		54	3.1	R	27	...	33	34.28	...		2	44.8	M		
29	9.5	48	9.30	...		54	3.6	R											
Oct. 4	9.5	48	9.34	...		54	4.1	R											
<b>212</b> <i>54 Pegasi α, Markab.</i>										<b>217</b> <i>δ Sculptoris.</i>									
Oct. 13	...	22	58	35.04	...	75	27	41.3	R	Nov. 27	...	23	42	27.80	...	118	48	58.2	M
<b>213</b> <i>6 Piscium γ</i>										<b>218</b> <i>2 Ceti.</i>									
Nov. 1	...	23	10	44.20	...	87	23	41.9	M	Dec. 13	4.0	23	57	23.04	...	108	1	35.6	M
										14	4.2	57	23.07	...		1	35.8	M	
										15	4.3	57	23.10	...		1	35.1	M	