

TABLE II.—*continued.*

Mean Time at Place.	1876. January 1st to January 31st.		1876. February 1st to February 29th.		1876. March 1st to March 28th.		REMARKS.
	Mean Scale Reading.	Variation in the Declination.	Mean Scale Reading.	Variation in the Declination.	Mean Scale Reading.	Variation in the Declination.	
Noon	550.0	-18.4	559.3	-17.8	550.3	-23.1	On 3rd February, from 15h. to 21h. the observations were stopped by bad weather.
1	547.0	20.3	560.8	16.9	556.1	19.4	
2	549.7	18.6	560.5	17.0	553.3	21.2	
3	563.3	10.0	565.3	14.0	562.1	15.6	
4	561.4	-11.2	573.6	8.0	564.6	14.1	
5	582.8	+ 2.4	579.0	- 5.3	574.3	7.8	
6	578.7	- 0.2	590.4	+ 1.6	581.5	- 3.3	
7	590.5	+ 7.2	597.0	6.1	600.2	+ 8.5	
8	592.1	8.2	605.3	11.3	607.2	12.9	
9	594.4	9.7	603.6	10.2	606.8	12.7	
10	597.0	11.3	603.8	10.3	613.3	16.8	
11	593.4	9.1	613.8	16.7	615.9	18.4	
12	595.2	10.2	610.4	14.5	618.1	19.8	
13	590.3	7.1	602.7	9.7	608.8	13.9	
14	593.5	9.1	602.3	9.4	606.5	12.5	
15	594.0	9.4	602.2	9.3	601.1	9.0	
16	591.8	8.0	602.8	9.7	605.0	11.5	
17	591.4	7.8	598.4	6.9	608.7	13.9	
18	591.4	7.8	595.6	5.2	599.4	8.0	
19	586.8	+ 4.9	592.8	+ 3.4	591.0	+ 2.7	
20	576.1	- 1.9	574.6	- 8.1	579.5	- 4.6	
21	565.3	8.7	571.2	10.3	557.9	18.3	
22	553.9	15.9	572.8	9.3	552.1	22.0	
23	569.4	- 6.1	561.5	-16.4	568.3	-11.7	
Means	579.1		587.5		586.8		

TABLE III.—MEAN DIURNAL VARIATION in the DECLINATION at WINTER QUARTERS and at
DR. KANE'S WINTER QUARTERS at VAN RENSSELAER HARBOUR, 1854.

Mean Time at Place.	Van Rensselaer Harbour.		H.M.S. Alert.		H.M.S. Discovery.	
	Mean Diurnal Variation as observed.	Mean Diurnal Variation Disturbances eliminated.	Mean Diurnal Variation as observed.	Mean Diurnal Variation Disturbances eliminated.	Mean Diurnal Variation as observed.	Mean Diurnal Variation Disturbances eliminated.
Noon	-37.8	-29.2	-17.9	- 8.5	-18.8	- 8.9
1	35.0	34.4	15.7	10.0	15.8	7.0
2	26.3	25.7	16.8	6.3	15.3	8.2
3	21.2	13.6	16.8	7.7	11.3	5.6
4	7.0	6.9	10.9	5.8	- 7.7	4.5
5	24.3	23.7	5.4	- 2.3	+ 0.1	- 1.2
6	-11.8	- 6.0	- 0.4	+ 2.2	0.6	+ 0.3
7	+ 3.2	+ 3.8	+ 7.4	3.2	7.0	3.9
8	13.5	9.3	7.8	5.1	9.5	5.7
9	20.8	16.4	9.7	5.5	9.6	6.9
10	21.0	12.5	11.7	6.9	11.8	6.2
11	21.8	22.5	14.1	3.4	15.8	6.3
Midnight	28.2	34.7	15.8	5.0	14.8	7.2
13	28.3	27.3	10.7	8.5	11.9	5.1
14	29.0	35.1	11.7	8.1	12.2	5.5
15	27.8	34.1	12.1	7.4	10.0	6.4
16	27.8	26.0	7.5	4.0	9.6	5.9
17	23.1	20.1	7.1	4.0	7.4	3.4
18	+10.5	+ 8.0	2.4	0.2	4.8	2.3
19	- 0.8	- 9.0	+ 3.7	+ 0.5	+ 0.4	+ 0.6
20	12.2	19.0	- 3.7	- 1.9	- 6.7	- 3.9
21	17.4	23.3	7.3	6.1	11.5	7.7
22	30.6	30.0	14.8	10.0	19.8	8.1
23	-29.6	-29.0	-13.1	- 5.7	-17.1	- 9.1