

TABLE IV.—MEAN DIURNAL VARIATION in the DECLINATION, rejecting Days of Disturbance, also the MEAN HOURLY SCALE READINGS of the DIFFERENTIAL DECLINATION MAGNETOMETER for each Month.

Mean Time at Place.	1875. October 23rd to October 31st.		1875. November 1st to November 30th.		1875. December 1st to December 31st.		REMARKS.
	Mean Scale Reading.	Variation in the Declination.	Mean Scale Reading.	Variation in the Declination.	Mean Scale Reading.	Variation in the Declination.	
Noon	581.2	- 6.9	553.7	-11.9	565.8	-7.5	Days on which the range of the magnet exceeded 100 divisions of the scale have been excluded from the means. Increasing numbers on the scale denote a movement of the north end of the magnet towards the east.
1	591.2	0.5	559.0	8.6	563.8	3.8	
2	577.0	- 9.1	564.2	5.3	566.8	6.9	
3	593.7	+ 1.1	563.2	5.9	569.4	5.2	
4	588.5	- 2.2	568.5	2.6	567.4	6.7	
5	591.0	- 0.7	569.4	2.0	576.5	0.7	
6	593.0	+ 0.6	569.7	- 1.8	576.6	- 0.7	
7	593.5	0.9	580.7	+ 5.2	584.7	+ 4.5	
8	604.0	7.6	578.5	3.8	584.3	4.2	
9	611.0	12.0	578.5	3.8	585.7	5.1	
10	602.2	6.4	577.9	3.4	584.7	4.5	
11	604.5	8.3	579.4	4.3	584.1	4.1	
12	600.5	+ 5.4	583.8	9.1	589.4	7.4	
13	592.0	- 0.1	583.9	7.2	588.4	6.8	
14	598.4	+ 4.0	584.8	7.8	587.2	6.1	
15	600.5	5.5	588.3	10.0	585.7	5.1	
16	594.5	+ 1.8	581.6	5.7	586.9	5.9	
17	591.0	- 0.7	577.8	+ 3.3	583.6	3.8	
18	591.2	0.6	572.0	- 0.3	582.3	+ 3.0	
19	592.0	0.1	569.0	2.2	576.8	- 0.5	
20	584.2	5.0	569.9	1.7	575.9	1.1	
21	580.5	7.3	561.7	6.9	571.0	4.2	
22	574.0	11.4	564.7	5.0	564.9	8.1	
23	580.0	- 7.6	561.8	- 6.8	563.4	- 9.0	
Means	592.1		572.6		577.7		

Mean Time at Place.	1876. January 1st to January 31st.		1876. February 1st to February 29th.		1876. December 1st to December 31st.		REMARKS.
	Mean Scale Reading.	Variation in the Declination.	Mean Scale Reading.	Variation in the Declination.	Mean Scale Reading.	Variation in the Declination.	
Noon	563.8	-10.9	575.8	- 7.0	574.3	- 9.4	Days on which the range of the magnet exceeded 100 scale divisions have been excluded from the means.
1	567.5	8.6	577.8	5.7	573.9	9.7	
2	567.3	8.7	578.7	5.2	566.7	14.2	
3	566.3	9.3	572.9	8.8	580.7	5.4	
4	567.4	- 8.6	577.3	6.0	587.3	1.2	
5	581.3	+ 0.2	584.6	- 1.4	585.0	- 2.6	
6	583.2	1.4	588.0	+ 0.7	591.9	+ 1.7	
7	587.4	4.0	593.8	4.4	595.8	4.2	
8	590.6	6.1	597.5	6.7	598.2	5.7	
9	590.8	6.2	595.2	5.3	603.6	9.1	
10	593.3	7.8	596.7	6.2	603.3	9.0	
11	589.3	5.2	598.3	7.3	602.5	8.5	
12	590.1	5.7	599.6	8.1	601.3	7.7	
13	589.3	5.2	596.9	6.4	597.1	5.0	
14	587.6	4.2	594.4	4.8	599.3	6.1	
15	590.3	7.9	596.3	6.0	595.7	4.2	
16	590.4	7.9	601.0	9.0	597.2	5.1	
17	588.7	4.9	594.2	4.7	596.4	4.6	
18	589.6	5.4	592.8	3.8	592.7	+ 2.3	
19	586.4	+ 3.4	591.8	+ 3.1	589.1	0	
20	579.7	- 0.8	573.6	- 9.4	578.7	- 6.6	
21	567.2	8.8	568.1	11.9	578.3	6.9	
22	570.3	6.8	572.8	8.9	576.0	8.3	
23	565.8	- 9.6	567.4	-12.3	574.7	- 9.1	
Means	581.0		586.9		589.1		