

TABLE V.—MEAN HOURLY VALUES of the DISTURBANCES from the ASSUMED NORMAL VARIATION in the DECLINATION.

Mean Time at Place.	1875. November 1st to 30th.	1875. December 1st to 31st.	1876. January 1st to 31st.	1876. February 1st to 29th.	1876. March 1st to 28th.	REMARKS.
Noon	-11.7	-2.0	-7.5	-10.8	-13.7	This table is compiled from the differences of the variation in the declination given in Tables II. and IV., or the differences between the black and red curves in the diagrams.
1	5.9	4.4	11.7	11.2	9.7	
2	9.8	6.8	9.9	11.8	7.0	
3	11.2	-7.9	0.7	5.2	10.2	
4	-3.4	+2.8	-2.6	2.0	12.9	
5	+2.8	0	+2.2	-3.9	5.2	
6	2.7	+0.8	-1.6	+1.2	-5.0	
7	3.5	2.1	+3.2	1.7	+4.3	
8	8.5	+0.9	2.1	4.6	7.2	
9	6.0	-0.3	3.5	4.9	3.6	
10	7.3	+3.4	3.5	4.1	7.8	
11	15.7	7.5	3.9	9.4	9.9	
12	7.8	7.1	4.5	6.4	11.7	
13	9.3	6.1	1.9	3.3	8.9	
14	5.8	5.7	4.9	4.6	6.4	
15	3.7	2.9	1.5	3.3	4.8	
16	6.5	0.9	0.1	0.7	6.4	
17	5.0	0.6	2.9	2.2	9.3	
18	+2.4	1.0	2.4	1.4	5.7	
19	-1.2	+1.8	+1.5	0.3	2.7	
20	4.0	-11.9	-1.1	0.3	+2.0	
21	8.6	1.2	+0.1	+1.6	-11.4	
22	18.7	7.9	-9.1	-0.4	13.7	
23	-10.9	-3.8	+3.5	-4.1	-2.6	

TABLE VI.—MEAN DISTURBANCE of the DECLINATION, without regard to SIGN, at each HOUR during the several MONTHS, and also for the WHOLE PERIOD, expressed in ARC.

Mean Time at Place.	1875. October 23rd to 31st.	1875. November 1st to 30th.*	1875. December 1st to 31st.	1876. January 1st to 31st.	1876. February 1st to 29th.	1876. March 1st to 28th.	Mean Disturbance for the whole Period.	Mean Disturbance at Van Rensselaer Harbour, 1854.
Noon	31.1	28.0	12.8	25.0	28.5	42.7	28.3	†60
1	23.5	17.9	21.0	32.6	28.4	28.1	25.9	46
2	12.6	14.1	21.8	27.3	34.2	33.0	26.3	39
3	15.2	29.3	25.7	19.1	12.5	28.5	24.7	45
4	8.3	14.3	10.3	19.9	21.8	24.0	18.0	41
5	11.9	13.4	9.3	11.8	16.8	17.8	13.5	31
6	3.7	7.4	5.8	16.2	13.2	19.3	12.8	41
7	10.7	9.5	9.7	12.8	9.0	13.7	10.8	37
8	14.3	14.4	6.5	6.2	18.8	19.3	13.6	47
9	15.6	10.9	5.7	7.1	15.4	10.6	10.1	49
10	11.2	11.6	10.6	14.2	13.5	16.2	13.2	50
11	20.9	7.9	17.0	10.4	28.4	18.1	21.7	46
Midnight	19.6	15.4	18.7	7.9	19.0	20.4	17.0	52
12	12.3	20.8	16.7	7.6	14.8	17.8	15.8	51
13	17.2	17.5	17.6	9.0	13.2	17.8	15.7	47
14	6.6	13.4	9.7	9.0	10.6	15.9	11.6	50
15	7.3	8.7	9.3	7.3	13.5	19.5	13.0	53
16	8.1	11.4	6.1	7.6	10.0	17.7	10.9	49
17	12.8	6.4	6.8	5.0	8.1	14.2	8.8	42
18	24.0	9.3	12.3	5.9	16.0	13.2	12.9	54
19	23.0	8.2	12.6	9.2	16.5	11.2	13.1	48
20	17.2	15.6	11.2	13.4	13.7	42.6	21.8	46
21	36.0	23.6	25.0	24.6	10.3	44.5	27.9	31
22	42.5	23.1	21.3	20.2	18.3	19.2	22.5	46
Sums	405.6	352.1	323.5	329.5	408.5	535.3	—	—

* No observations were made on 8th and 9th November.
† Principally due to a very large disturbance.