

TABLE IX.—DIFFERENCES of the MEAN EASTERLY and MEAN WESTERLY DISTURBANCES of the DECLINATION at each HOUR, expressed in ARC.

The sign - indicates an excess of Westerly over Easterly deflections.
The sign + indicates an excess of Easterly over Westerly deflections.

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.	Differences of the Mean Easterly and Westerly Disturbances for the whole Period.
Noon	-35.4	-19.5	- 8.8	-20.7	-31.9	-89.4	-25.2
1	16.0	2.9	17.3	39.6	42.8	35.0	26.2
2	1.4	8.7	17.6	22.1	46.0	43.5	26.2
3	15.9	29.9	22.9	6.4	24.8	30.8	20.3
4	9.0	-11.8	5.9	8.0	17.7	19.4	11.8
5	- 4.0	+ 3.5	1.7	1.3	-17.4	12.5	4.2
6	+ 0.6	- 0.7	- 0.3	-18.2	+ 9.6	-21.3	- 6.5
7	1.7	+ 0.4	+ 8.2	+18.0	- 0.3	+ 2.5	+ 5.6
8	23.4	- 0.5	1.9	2.2	+27.1	14.8	10.2
9	3.0	+ 3.9	2.3	6.4	21.4	1.1	5.8
10	3.8	7.2	6.9	15.1	13.1	18.6	11.3
11	15.2	13.0	20.9	5.3	38.8	20.6	18.0
Midnight	12.7	10.6	19.6	5.2	9.0	21.1	11.2
13	0.7	23.9	16.4	0.1	7.7	6.3	9.1
14	+ 0.9	4.2	11.2	6.1	3.9	+14.8	5.9
15	- 0.5	6.4	3.0	2.2	7.6	- 2.4	3.3
16	- 8.0	1.7	+ 3.4	0.2	13.3	+ 9.1	5.7
17	+ 2.3	11.7	- 2.5	3.0	2.9	18.9	5.9
18	-13.7	+ 0.4	+ 1.0	+ 1.8	3.1	11.2	2.5
19	35.2	- 7.5	7.8	- 1.3	+13.0	4.2	+ 1.9
20	27.5	0	+ 8.7	7.8	- 8.2	+ 0.7	- 4.2
21	25.2	- 6.2	- 5.6	8.8	12.8	-68.7	17.9
22	13.7	16.3	25.8	20.4	1.4	81.0	27.2
23	-19.7	-19.2	-20.5	-23.7	-14.6	-15.6	-18.8
Mean Values {	-16.1 + 6.4	-11.2 + 7.2	-11.7 + 8.5	-14.8 + 5.5	-19.8 +13.1	-38.1 +11.2	-17.1 + 7.4

TABLE X.—DATES of PRINCIPAL DISTURBANCE of the DECLINATION at KEW OBSERVATORY and of ASSUMED DISTURBANCE at DISCOVERY BAY, compared.

Kew.		Discovery Bay.		Kew.		Discovery Bay.	
1875.			1875.	1876.			1876.
October -	24	24	October.	January -	19	19	January.
	25	25			21	21	
	26	26			—	22	
	27	27			23	23	
	—	31			25	25	
November -	—	1	November.		26	—	
	2	2			27	—	
	—	3			—	29	
	—	4			—	30	
	—	6			—	31	
	—	7		February -	5	5	February.
	9	—			9	9	
	10	—			10	10	
	—	11			11	—	
	12	12			13	13	
	13	13			14	—	
	—	14			15	—	
	—	20			16	16	
	21	21			17	—	
	22	22			18	—	
	29	29			19	19	
	—	30			20	—	
December -	—	1	December.		—	21	
	—	5			—	24	
	6	6			25	25	
	—	13			26	26	
	—	16			27	27	
	17	17			—	—	
	18	18		March -	1	—	March.
	19	—			4	4	
	—	21			6	6	
	—	24			—	8	
	25	25			11	11	
	26	26			12	12	
1876.			1876.		13	13	
January -	1	—	January.		—	16	
	8	—			24	24	
	—	4			25	25	
	—	5			26	26	
	—	9			27	27	
	13	13			28	28	
	14	14			29	29	
	—	15			30	30	
					31	31	