

TABLE XIII.

Summary of the magnetic declinations observed by Maryland Geological Survey in 1896.

No.	Station.	County.	Latitude.	Long. W. of Gr.	Date, 1896.	Declination <sup>1</sup>		Remarks. <sup>2</sup>
						for date.	for Jan 1, 1900.	
1	Linden, B. S. . . . .	Montgomery. . . . .	39 00.5	77 03.1	July-Dec.	3 27.4 W	3 37 W	Mean of 14 days.
1 A	Linden, A. S. . . . .	Montgomery. . . . .	39 00.7	77 03.1	Nov. 25	3 39.0	3 48	At 3:38
2	Upper Marlboro. . . . .	Prince George. . . . .	38 49.0	76 45.2	Sept. 9	4 59.0	5 09	At 9:49, 10:34, 3:58
3	La Plata <sup>3</sup> . . . . .	Charles. . . . .	38 31.8	76 58.7	" 10	4 36.8	4 46	At 10:24
4	Brandywine . . . . .	Prince George. . . . .	38 41.7	76 50.8	" 10	..	..	Dip observed only.
5	Mechanicsville . . . . .	St. Mary's . . . . .	38 26.6	76 44.7	" 11	4 43.4	4 53	At 10:09
6	Leonardtown . . . . .	St. Mary's . . . . .	38 17.4	76 38.1	" 12	4 43.2	4 53	At 8:44
7	Easton <sup>4</sup> . . . . .	Talbot. . . . .	38 46.4	76 04.4	" 16	5 32.3	5 42	At 1:32, 2:51
8	Centreville <sup>5</sup> . . . . .	Queen Anne's . . . . .	39 02.5	76 03.7	" 17	5 47.4	5 57	At 3:43, 4:14
9	Massey . . . . .	Kent. . . . .	39 18.5	75 48.5	" 18	6 25.0	6 35	At 10:52
10	Ridgely . . . . .	Caroline. . . . .	38 57.4	75 52.6	" 19	5 44.3	5 54	At 8:14
11	Hurlock . . . . .	Dorchester. . . . .	38 38.0	75 52.7	" 19	5 24.9	5 35	At 3:58, 4:34
12	Ocean City . . . . .	Worcester. . . . .	38 20	75 05.8	" 21	5 27.5	5 37	At 3:54, 4:55
13	Berlin . . . . .	Worcester. . . . .	38 19.9	75 13.3	" 23	5 25.3	5 35	At 9:55, 10:23
14	Snow Hill <sup>6</sup> . . . . .	Worcester. . . . .	38 10.5	75 23.8	" 23	5 03.8	5 14	At 3:42, 4:33
15	Pocomoke City. . . . .	Worcester. . . . .	38 04.8	75 33.8	" 24	5 11.8	5 22	At 10:01, 10:28, 11:03
16	Princess Anne. . . . .	Somerset. . . . .	38 12.4	75 42.5	" 24	5 04.3	5 14	At 4:41, 5:31
17	Salisbury C. H. . . . .	Wicomico . . . . .	38 22.2	75 37.1	" 25	5 15.7	5 25	At 10:45, 11:30
17 A	" M. L. . . . .	Wicomico . . . . .	38 22.2	75 37.1	Dec. 5	5 09.7	5 19	At 8:52, 12:24
18	Parsonsburg. . . . .	Wicomico . . . . .	38 23.8	75 26.6	Sept. 25	5 22.9	5 33	At 2:22
19	Cockeysville . . . . .	Baltimore. . . . .	39 29.1	76 38.6	" 26	6 02.1	6 12	At 2:21
20	Frederick, Asy . . . . .	Frederick. . . . .	39 24.7	77 24.8	Oct. 5	4 42.2	4 52	At 3:49, 5:18
20 A	" C. H. . . . .	Frederick. . . . .	39 25.0	77 24.6	" 7	4 41.0	4 51	At 3:32, 4:07
21	Westminster . . . . .	Carroll . . . . .	39 34.6	76 59.7	" 8	5 06.9	5 17	At 3:22, 4:01
22	Hagerstown . . . . .	Washington . . . . .	39 38.4	77 42.8	" 9	4 34.2	4 44	At 3:01, 3:47
23	Cumberland . . . . .	Allegany. . . . .	39 39.2	78 46.4	" 10	4 02.7	4 12	At 3:55, 4:29
24	Oakland . . . . .	Garrett. . . . .	39 24.6	79 24.6	" 12	3 14.5	3 24	At 8:57, 9:57, 0:51, 1:24
25	Point of Rocks. . . . .	Frederick. . . . .	39 17.3	77 34.0	" 13	..	..	} Clouds; I. and H. observed.
26	Dickerson . . . . .	Montgomery. . . . .	39 13.3	77 25.4	" 13	..	..	
27	Elkton . . . . .	Cecil . . . . .	39 36.5	79 49.5	" 15	5 12.0	5 22	At 9:42, 10:24, 12:25
28	Prince Frederick. . . . .	Calvert . . . . .	38 22.4	76 34.9	" 19	5 10.4	5 20	At 4:27, 4:59
29	Bel Air <sup>8</sup> . . . . .	Harford . . . . .	39 31.9	76 20.8	" 20	5 38.4	5 50	At 10:56, 11:31
30	Annapolis. . . . .	Anne Arundel. . . . .	38 58.9	76 29.1	" 21	5 16.1	5 26	At 2:38, 3:11
31	Ellicott <sup>9</sup> . . . . .	Howard . . . . .	39 16.2	76 48.2	" 22	4 44.3	4 54	At 3:51, 4:22
32	Baltimore, Fort. . . . .	..	39 15.9	76 34.9	Nov. 4-5	..	..	Clouds; I. and H.
33	Belcamp . . . . .	Harford . . . . .	39 28.4	76 14.5	" 6	6 05.7	6 15	At 1:31, 1:40
34	Harford Furnace. . . . .	Harford . . . . .	39 29.8	76 15.7	" 6	..	..	} Only Incl'n obs'd.
35	Creswell . . . . .	Harford . . . . .	39 31.4	76 17.3	" 6	..	..	
36	Fountain Green. . . . .	Harford . . . . .	39 32.6	76 18.4	" 6	..	..	} At 11:27
37	Cardiff <sup>9</sup> . . . . .	Harford . . . . .	39 43.3	76 20.1	" 7	..	..	
38	Forest Hill . . . . .	Harford . . . . .	39 34.9	76 22.9	" 7	5 24.5	5 34	At 3:08
39	Stabler . . . . .	Montgomery. . . . .	39 07.2	76 59.1	" 13	..	..	Snow storm; I, obs'd.
40	Unity . . . . .	Montgomery. . . . .	39 13.7	77 03.5	" 14	5 36.0	5 45	At 10:09, 10:37
41	Damascus . . . . .	Montgomery. . . . .	39 17.4	77 12.5	" 14	4 02.8	4 12	At 3:31, 3:55
42	Forest Glen. . . . .	Montgomery. . . . .	39 00.8	77 03.2	" 25	3 37.0	3 46	At 10:20, 10:56
43	Crisfield . . . . .	Somerset. . . . .	37 59.5	75 49.9	Dec. 7	4 44.4 W	4 54	At 8:55, 10:04, 11:16, 1:12, 2:27, 4:19

<sup>1</sup> Reduced to mean of day (24 hours).  
<sup>2</sup> The times given in this column are the local mean times when the observations were made.  
<sup>3</sup> Observations made in 1897 when reduced to 1900.0 give same value, 4° 46'.  
<sup>4</sup> Artificial local disturbance at the 1896 station. The value of declination as given was corrected with the aid of the 1897 observations on the Fair Grounds.  
<sup>5</sup> Observations made when establishing surveyor's meridian line in 1897, on the Court House lot, reduced to 1900.0 give 6° 02'. Sept. 17 was a day of large disturbance.  
<sup>6</sup> Artificial local disturbance suspected at this station.  
<sup>7</sup> A day of large disturbance.  
<sup>8</sup> The value given for 1900 has been obtained by making use also of the work of 1897.  
<sup>9</sup> This station is in a greatly disturbed region. The observations for 1896 will be presented in connection with the 1897 work.