

H.M.S. DISCOVERY, WINTER QUARTERS OBSERVATORY, ARCTIC EXPEDITION,
1875-1876.

TABLE I.—DAILY RANGE of the DECLINATION.

Date.	In the Hourly Series.		Observed.		Range.		
	Highest Scale Reading.	Lowest Scale Reading.	Highest Scale Reading.	Lowest Scale Reading.	In the Hourly Series.	Total Observed.	Arc.
1875.							° /
October 23	600	550	—	—	50	—	0 31.6
" 24	682	490	—	—	192	—	2 1.4
" 25	662	462	—	—	200	—	2 6.5
" 26	676	476	—	—	200	—	2 6.5
" 27	—	—	676	444	—	232	2 26.7
" 28	628	458	—	—	170	—	1 47.5
" 29	628	566	—	—	62	—	0 39.2
" 30	648	574	—	—	74	—	0 44.9
" 31	606	576	—	—	30	—	0 18.9
" 31	596	427	—	—	169	—	1 46.9

October.—Mean Daily Range = 93°.3

November 1	624	394	—	—	230	—	° /
" 2	—	—	624	348	—	276	2 25.5
" 3	668	395	—	—	273	—	2 54.6
" 4	672	502	—	—	170	—	2 52.7
" 5	—	—	672	492	—	180	1 47.5
" 6	632	509	—	—	123	—	1 58.8
" 7	619	552	—	—	67	—	1 17.8
" 8	666	442	—	—	224	—	0 42.4
" 9	682	504	—	—	178	—	2 21.7
" 10	614	498	—	—	116	—	1 52.6
" 11	—	—	673	498	—	175	1 13.3
" 12	605	488	—	—	117	—	1 50.7
" 13	—	—	632	488	—	144	1 14.0
" 14	678	446	—	—	232	—	1 31.1
" 15	—	—	678	430	—	248	2 26.7
" 16	613	430	—	—	183	—	2 36.8
" 17	—	—	614	404	—	210	1 55.7
" 18	604	486	—	—	118	—	2 12.8
" 19	600	546	—	—	54	—	1 14.6
" 20	596	567	—	—	29	—	0 34.1
" 21	582	557	—	—	25	—	0 18.3
" 22	582	545	—	—	37	—	0 15.8
" 23	600	548	—	—	52	—	0 23.4
" 24	646	536	—	—	110	—	0 32.9
" 25	684	420	—	—	264	—	1 09.5
" 26	670	504	—	—	166	—	2 47.0
" 27	609	526	—	—	83	—	1 45.0
" 28	604	510	—	—	94	—	0 52.5
" 29	588	538	—	—	50	—	0 59.5
" 30	586	552	—	—	34	—	0 31.6
" 31	579	568	—	—	11	—	0 21.5
" 32	582	566	—	—	16	—	0 6.9
" 33	688	526	—	—	162	—	0 10.1
" 34	602	465	—	—	137	—	1 42.5
" 35	—	—	—	—	—	—	1 26.7

November.—Mean Daily Range = 90°.2

December 1	608	484	—	—	124	—	° /
" 2	—	—	608	468	—	140	1 18.6
" 3	607	536	—	—	71	—	1 28.6
" 4	—	—	607	584	—	73	0 44.9
" 5	597	565	—	—	32	—	0 46.2
" 6	596	572	—	—	24	—	0 20.2
" 7	596	415	—	—	181	—	0 15.2
" 8	—	—	596	371	—	225	1 54.5
" 9	643	455	—	—	188	—	2 22.0
" 10	—	—	648	432	—	211	1 58.9
" 11	606	515	—	—	91	—	2 13.5
" 12	627	563	—	—	64	—	0 57.6
" 13	595	569	—	—	26	—	0 40.5
" 14	592	547	—	—	45	—	0 16.5
" 15	594	537	—	—	57	—	0 28.5
" 16	589	536	—	—	53	—	0 36.1
" 17	684	523	—	—	161	—	0 33.5
" 18	597	560	—	—	37	—	1 41.8
" 19	588	552	—	—	36	—	0 23.4
" 20	586	472	—	—	114	—	0 22.8
" 21	648	447	—	—	201	—	1 12.1
" 22	—	—	648	420	—	228	2 7.8
" 23	588	550	—	—	38	—	2 24.1
" 24	—	—	621	494	—	127	0 24.0
" 25	—	—	—	—	—	—	1 20.3