

January, 1862

Date	Temperature	Observed Height	Corrected Height	Reduced Height	Hour	Temperature	Obs. Height	Corrected Height	Reduced Height
Time		9. a.m.	10. a.m.	32° F.	Observed	Time		for Cap.	to 32° F.
1	45°/3	30.414	30.461	30.414					
2	46	30.453	30.500	30.452	3. P.m.	46	30.402	30.449	30.401
3	46	30.128	30.175	30.128	"	45°/3	29.944	30.041	29.995
4	46	29.876	29.923	29.876					
5	47°/3	29.763	29.810	29.760	2.30 P.m.	47°/3	29.779	29.843	29.792
6	46	30.096	30.143	30.096	3 P.m.	45°/3	30.150	30.197	30.131
7	46°/3	30.141	30.188	30.129	"	47	30.066	30.113	30.063
8						50	29.725	29.772	29.714
9	49°/3	29.760	29.807	29.750	"	52°/3	29.673	29.720	29.661
10	53	29.755	29.802	29.736	"	53°/3	29.840	29.887	29.820
11	54	29.507	29.554	29.487					
12	57°/3	29.788	29.835	29.773	2.30 P.m.	57°/3	29.656	29.703	29.641
13	57°/3	29.779	29.826	29.765	3. P.m.	57°/3	29.756	29.803	29.744
14	57	29.570	29.617	29.558	"	57	29.687	29.734	29.674
15	50	29.488	29.535	29.477	"	49°/3	30.013	30.060	30.003
16	48°/3	30.128	30.175	30.121	"	47°/3	30.093	30.140	30.089
17	45°/3	30.086	30.133	30.081					
18	43°/3	30.148	30.195	30.155					
19	41°/3	29.942	29.989	29.954	2.30 P.m.	40°/3	29.870	29.917	29.885
20	41	29.726	29.773	29.738	3. P.m.	41	29.640	29.687	29.654
21	42	29.520	29.567	29.531					
22									
23	46	29.693	29.740	29.694	"	46°/3	29.569	29.616	29.569
24	48°/3	29.487	29.534	29.481					
25	50°/3	29.685	29.732	29.653	"	51	29.800	29.847	29.787
26					2.30 P.m.	49	30.308	30.355	30.299
27	48°/3	30.264	30.311	30.256					
28	48°/3	29.873	29.920	29.867	3. P.m.	49	29.815	29.862	29.807
29	50	29.830	29.877	29.819	"	51	29.734	29.781	29.721
30	52°/3	29.742	29.789	29.724	"	53	29.707	29.754	29.688
31	54	29.760	29.807	29.739	"	54°/3	29.883	29.880	29.810

Greatest Height 30.452
 Mean Height 29.887
 Lowest Point 29.481
 Mean Daily Variation .185
 Total Range .971

February, 1862.

Date	Temp.	Obs. Ht.	Corrected Ht.	Alt.	Hour	Temp.	Obs. Ht.	Corr. Ht.
		9. a.m.	and at 32° F.	32° F.	Obs.			
1	55	29.912	29.959	29.888	3. P.m.	53°/3	30.025	30.072
2	55	30.172	30.219	30.147	2.30 P.m.	53°/3	30.136	30.183
3	55	30.192	30.239	30.167				
4	55°/3	30.247	30.294	30.221	3. P.m.	56	30.245	30.292
5	53°/3	30.098	30.145	30.172	"	56	30.059	30.106
6	54°/3	30.015	30.062	29.992	"	54	30.027	30.074
7	52	30.168	30.215	30.151				
8	47°/3	30.623	30.670	30.618	"	46	30.640	30.687
9	44°/3	30.604	30.651	30.607	2.30 P.m.	45	30.583	30.630
10	45	30.548	30.595	30.550	3. P.m.	45	30.448	30.495
11	45	30.295	30.342	30.297	"	45°/3	30.219	30.266
12	47°/3	30.081	30.128	30.076				
13	48°/3	30.126	30.173	30.119				
14	48	30.121	30.168	30.115				
15	48°/3	30.187	30.234	30.180				
16	48	30.013	30.060	30.008	2.30 P.m.	48°/3	29.907	29.954
17	48	29.523	29.570	29.518				
18	49	29.363	29.410	29.356				
19	51°/3	29.622	29.669	29.608				
20	53°/3	29.573	29.620	29.554				
21	53°/3	30.002	30.049	30.082				
22	54	29.750	29.797	29.729	3. P.m.	54	29.825	29.872
23	54°/3	30.143	30.190	30.120	2.30 P.m.	54°/3	30.200	30.247
24	53°/3	30.210	30.257	30.189	3 P.m.	52°/3	30.115	30.162
25	51	30.153	30.200	30.139	"	50°/3	30.203	30.250
26	49°/3	30.378	30.425	30.368	"			
27	47°/3	30.281	30.328	30.277	"	47	30.190	30.237
28	46°/3	30.093	30.140	30.091	"	46°/3	30.022	30.069

Greatest Height 30.639
 Mean Height (noon) 30.00
 Lowest Point 29.356
 Mean Daily Variation
 Total Range . 1.283

March, 1862

Date	Temp:	Obs. Ht. and at	Corrected at	Hour of Observation	Temp:	Obs. Ht.	Cor. &c	at
1	47	30.053	30.080	3.00 PM	47 2/3	29.973	30.020	29.969
2	46 2/3	29.683	29.680	2.30 PM	46	29.555	29.562	29.516
3	46	29.762	29.509	3.00 PM	44 2/3	29.275	29.322	29.279
4	43 2/3	29.623	29.670	"	44	29.724	29.771	29.730
5	46	29.962	30.009	"	45 2/3	29.803	29.850	29.805
6	46 2/3	29.622	29.569	"	49	29.558	29.605	29.551
7	51	29.432	29.479	"	53	29.486	29.533	29.468
8	53 2/3	29.717	29.964	"	54 1/3	29.540	29.587	29.519
9	54 2/3	29.550	29.597	2.30 PM	54 2/3	29.575	29.562	29.493
10	53 2/3	29.924	29.971	3.00 PM	54	30.034	30.081	30.013
11	53 2/3	29.896	29.943	"	53 2/3	29.796	29.843	29.796
12	54	29.721	29.768	"	54 2/3	29.738	29.785	29.715
13	53 2/3	29.985	30.032	"	53 2/3	30.059	30.086	30.019
14	53	30.208	30.255	"	52 1/3	30.190	30.237	30.172
15	52	30.183	30.230	"				
16	51 2/3	30.008	30.055	2.00 PM	51	29.947	29.994	29.934
17	50 2/3	29.802	29.849	2.30 PM	51	29.818	29.865	29.805
18	49 2/3	29.815	29.862	"	50	29.758	29.805	29.747
19	49 2/3	29.668	29.715	"	50 2/3	29.571	29.618	29.559
20	49 2/3	29.476	29.523	"	49	29.344	29.391	29.335
21	47	29.432	29.479	"	47 1/3	29.572	29.619	29.569
22	45 2/3	29.984	30.031	"	46	30.050	30.077	30.030
23	46 1/3	29.867	29.914	3.00 PM	46	29.696	29.743	29.697
24	48 2/3	29.596	29.643	3.00 PM	51	29.530	29.577	29.518
25	52	29.571	29.558	"				
26	54	29.572	29.619	"	54 1/3	29.502	29.549	29.481
27	54	29.448	29.495	"	55	29.387	29.434	29.364
28	54 1/3	29.250	29.297	"	54 1/3	29.216	29.263	29.196
29	52 2/3	29.270	29.317	"	52 1/3	29.297	29.344	29.280
30	53	29.394	29.441	3.00 PM	53	29.388	29.435	29.370
31	53	29.560	29.607	3.00 PM	54	29.654	29.701	29.633

Greatest Height 30.189 Mean Pressure (noon) 29.662
 Lowest Point 29.196 Mean Daily Oscillation .206

Total Range .993

April 1862

Date	Temp:	Obs. Ht. and at	Corrected at	Hour of Observation	Temp:	Obs. Ht.	Cor. &c
1	55 2/3	29.914	29.961	3.00 PM	54	29.890	29.937
2	54 2/3	29.719	29.766	"	56	29.693	29.720
3	56	29.634	29.681	"	56 2/3	29.726	29.773
4	55 2/3	30.077	30.124	"			
5	55	30.119	30.166	"			
6	55 2/3	29.983	30.030	2.30 PM	56	30.006	30.053
7	56	30.184	30.231	3.00 PM	56	30.221	30.268
8	54 1/3	30.307	30.354	"	54	30.270	30.317
9	52 2/3	30.122	30.169	"	52 2/3	30.070	30.117
10	52 2/3	29.967	30.014	"	52 2/3	29.987	30.034
11	52 2/3	30.170	30.217	"	52	30.214	30.261
12	49	30.318	30.365	"			
13				"			
14	47 1/3	30.227	30.274	3.00 PM	48 1/3	30.196	30.243
15	48	30.164	30.211	"			
16	48 2/3	30.202	30.249	3.00 PM	50 2/3	30.081	30.128
17	51	29.880	29.927	"	52 1/3	29.891	29.938
18	53 1/3	29.930	29.977	"	53 1/3	29.909	29.956
19	54	29.884	29.931	"			
20				"			
21	56	30.031	30.078	3.00 PM	57	30.056	30.103
22	57	29.787	29.834	"	58	29.635	29.682
23	57	29.707	29.754	"	57 1/3	29.814	29.861
24	56 2/3	30.090	30.137	"	58	30.085	30.052
25	58 1/3	29.908	29.955	"	61 1/3	29.892	29.939
26	60 2/3	29.932	29.979	"			
27	60	30.127	30.174	3.00 PM	61	30.135	30.182
28	59 1/3	30.206	30.253	"	61	30.209	30.256
29	59 2/3	30.353	30.400	"			
30	59 2/3	30.184	30.231	"			

Greatest Height 30.315 Mean Pressure (noon) 30.070
 Lowest Point 29.603 Mean Daily Oscillation .112

Total Range .712

May 1862.

Date	Temp.	Ob. Ht.	(Corrected and at level of Sea)	Alt.	Hour of observation	Temp.	Ob. Ht.	(Corr. & at 32 Ft.)
1	61	30.003	30.050	29.963	3.00m	63	30.003	30.050 29.957
2	62 1/3	30.198	30.245	30.154				
3	59 2/3	30.248	30.295	30.211		59 2/3	30.089	30.136 30.052
4	58	29.764	29.811	29.732				
5	60 1/3	30.015	30.062	29.976		62 1/3	30.024	30.071 29.979
6	63 1/3	30.140	30.187	30.093		65	30.082	30.109 30.010
7	65	29.883	29.930	29.833		65	29.794	29.841 29.744
8	62 1/3	29.994	30.041	29.950		63	29.966	30.013 29.920
9	61 1/3	29.705	29.752	29.664		62	29.616	29.663 29.574
10	60	29.660	29.707	29.623		61	29.649	29.716 29.629
11	61	29.764	29.811	29.724	3.00m	60 2/3	29.730	29.777 29.691
12	58	29.683	29.700	29.621	3.00m	58 2/3	29.682	29.709 29.629
13	58	29.937	29.984	29.905		58 2/3	29.937	29.984 29.903
14	57	29.943	29.990	29.914		57 1/3	29.934	29.981 29.904
15	56	29.945	29.992	29.918		56	29.947	29.954 29.880
16	56	29.886	29.933	29.859		57 1/3	29.941	29.988 29.911
17	58	30.181	30.228	30.148				
18	59 2/3	30.198	30.245	30.161	2.30pm	60 1/3	30.157	30.204 30.117
19	60 2/3	30.134	30.177	30.090	3.00m	62 1/3	30.054	30.101 29.909
20	62 1/3	29.850	29.897	29.797	3.45.	64 1/3	29.753	29.800 29.704
21	61 2/3	29.627	29.674	29.587	3.00m	61	29.522	29.569 29.483
22	57 2/3	29.775	29.822	29.744		59	29.830	29.857 29.796
23	58 2/3	29.867	29.854	29.774	4.00m	60	29.823	29.840 29.786
24	60	29.987	30.034	29.949	3.00m	61 2/3	30.072	30.059 29.970
25	60	30.133	30.180	30.095	2.30pm	61	30.160	30.207 30.119
26	60	30.187	30.234	30.149	3.00m	62	30.115	30.162 30.072
27	61 1/3	29.980	30.027	29.939		62 1/3	29.928	29.975 29.884
28	61 2/3	29.941	29.988	29.899		62 1/3	29.953	30.000 29.908
29	62 2/3	29.953	30.000	29.908		64 2/3	29.848	29.895 29.799
30	64	29.531	29.578	29.484		64 1/3	29.523	29.570 29.475
31	63 1/3	29.927	29.974	29.880		64	30.020	30.067 29.972

Greatest Height 30.211 Mean Pressure (noon) 29.881
 Lowest Point 29.475 mean daily variation . 162
 Total Range 736

June 1862

Date	Temp.	Ob. Ht.	(Corrected and at level of Sea)	Alt.	Hour of observation	Temp.	Ob. Ht.	(Corr. & at 32 Ft.)
1	63 1/3	30.086	30.133	30.038	3.00m	65	30.062	30.109
2	65	30.136	30.183	30.084		64 2/3	30.076	30.123
3	65	30.249	30.296	30.203		64 2/3	30.150	30.197
4	63	29.863	29.910	29.816		63 1/3	29.760	29.807
5	62 1/3	29.740	29.787	29.697		63 2/3	29.703	29.750
6	64	29.754	29.801	29.706		65	29.843	29.890
7	63 2/3	29.936	29.983	29.889		64 2/3	29.960	30.007
8	63	30.053	30.100	30.007		63	30.026	30.073
9	61 1/3	30.053	30.100	30.012		63	29.931	29.978
10	62	29.497	29.544	29.455		63 1/3	29.420	29.467
11	63	29.525	29.572	29.461		63 2/3	29.508	29.555
12	61 2/3	29.853	29.900	29.752		63	29.643	29.690
13	61	29.713	29.760	29.673		64 2/3	29.870	29.917
14	60 1/3	29.843	29.890	29.804		62	30.040	30.087
15	60 2/3	30.008	30.055	29.969		62	30.048	30.090
16	61	30.135	30.182	30.094				
17	61	29.961	30.008	29.921				
18	61	30.170	30.217	30.131				
19	60 1/3	29.961	30.008	29.922		61	29.956	30.003
20	60 2/3	29.867	29.914	29.829				
21	60	29.802	29.849	29.765		61 1/3	29.806	29.852
22	61	29.861	29.908	29.821		62	29.957	30.004
23	62	30.008	30.055	29.965		63	29.982	30.029
24	62	30.123	30.170	30.079		64	30.036	30.083
25	62 1/3	29.877	29.924	29.832		62	29.796	29.843
26	61	29.819	29.866	29.779		61 2/3	30.020	30.067
27	62	29.946	29.993	29.903		62 1/3	29.974	30.021

Greatest Height 30.203 Mean Pressure (noon) 29.881
 Lowest Point 29.263 mean daily variation . 162
 Total Range 940

July 1862

Date	Temp:	Obs. Ht	Bar. at the level of Sea	Reduced to 32° F.	Hours of observation	Temp:	Obs. Ht	Cor. &c	at 32° F.
1	62	29.958	30.005	29.915	65 1/3	29.970	30.017	29.923	
2	65	29.860	29.897	29.805	64	29.845	29.892	29.797	
3	62 1/3	29.954	30.001	29.910	65	29.919	29.966	29.853	
4	60 1/3	29.948	29.995	29.909	62	29.923	29.970	29.880	
5	61 2/3	29.925	29.972	29.884					
6	63 2/3	29.520	29.567	29.473	65	29.508	29.555	29.458	
7	63 2/3	29.698	29.745	29.651					
8	63	30.064	30.111	30.018	65	30.124	30.171	30.072	
9	64 1/3	30.103	30.150	30.153	65 1/3	30.081	30.078	29.979	
10	64	29.873	29.860	29.765	64 2/3	29.818	29.865	29.769	
11	61	29.970	30.017	29.930	62	29.960	29.997	29.907	
12	62	29.576	29.563	29.474	64	29.923	29.970	29.875	
13	62 1/3	29.900	29.947	29.856	66	29.908	29.955	29.854	
14	64	29.432	29.479	29.384	65 1/3	29.819	29.866	29.768	
15	64 1/3	29.861	29.908	29.812	64 2/3	29.809	29.856	29.760	
16	63 2/3	29.870	29.857	29.763	65 2/3	29.944	29.991	29.897	
17	61 2/3	29.944	29.991	29.902	64 2/3	30.065	30.112	30.014	
18	63 1/3	29.990	30.037	29.943	65	30.179	30.226	30.127	
19	64	30.068	30.115	30.019	65	30.265	30.312	30.213	
20	63 1/3	30.162	30.209	30.115	65	30.196	30.243	30.144	
21	64	30.227	30.274	30.178	64	30.010	30.057	29.962	
22	63 1/3	30.270	30.317	30.221	64 1/3	30.040	30.087	29.991	
23	63 1/3	30.000	30.047	29.953	67	30.160	30.207	30.103	
24	64	30.080	30.127	30.031	67 2/3	30.116	30.163	30.057	
25	64 1/2	30.100	30.147	30.050	64 1/3	30.168	30.215	30.108	
26	65 1/3	30.150	30.197	30.097	67	30.118	30.165	30.061	
27	65 2/3	30.132	30.179	30.076	67 2/3	30.153	30.200	30.097	
28	65 2/3	30.205	30.252	30.152	67 1/3	30.132	30.179	30.074	
29	65	30.146	30.193	30.094					
30	66	30.142	30.189	30.088					
31	66	30.158	30.205	30.104					

928.025

Greatest Height 30.221 Mean Pressure (noon) 29.922

Lowest Point 29.458 Mean daily variation .130

Total Range 7.63

August 1862

Date	Temp:	Obs. Ht	Bar. at the level of Sea	Reduced to 32° F.	Hours of observation	Temp:	Obs. Ht	Cor. &c	at 32° F.
1					67 2/3	30.059	30.106		
2	67	30.064	30.111	30.007					
3	66 1/3	30.146	30.193	30.091	67 1/3	29.966	30.013		
4	66	30.058	30.105	30.004	67	29.850	29.897		
5	67	29.740	29.787	29.684	67	29.482	29.529		
6	66 1/3	29.840	29.887	29.786	65 1/3	29.586	29.633		
7	66	29.395	29.442	29.343					
8	65	29.548	29.595	29.498					
9	64	29.777	29.824	29.729	64	30.052	30.099		
10	63 2/3	30.050	30.097	30.003					
11	63 1/3	30.170	30.217	30.123					
12	65 1/3	30.219	30.266	30.172	65	30.166	30.213		
13	65	30.046	30.093	29.945	65 2/3	29.976	30.023		
14	65	29.836	29.883	29.786	66	29.872	29.859		
15	65	29.856	29.903	29.805	65 2/3	29.845	29.892		
16	66	29.866	29.913	29.815	64 1/3	29.888	29.935		
17	64	29.846	29.892	29.797	65 1/3	30.078	30.065		
18	65	29.990	30.037	29.944	65	29.991	30.038		
19	62 1/3	30.040	30.087	29.995	66	30.042	30.089		
20	64	30.080	30.127	30.031	65	29.957	30.004		
21	65	30.007	30.054	29.956	66	29.978	30.025		
22	65 2/3	29.945	29.992	29.892	65 1/3	30.217	30.264		
23	64 1/3	30.216	30.263	30.166	64	30.318	30.365		
24	64	30.333	30.380	30.283	65	30.238	30.285		
25	65 2/3	30.337	30.384	30.289	65 1/3	29.956	30.003		
26	65 2/3	29.978	30.025	29.931					
27	65	30.074	30.061	29.963					
28	65	30.176	30.223	30.124					
29	64 1/3	30.205	30.252	30.154					
30	63 2/3	30.168	30.215	30.120					
31	64 1/3	30.134	30.181	30.084					

Greatest Height 30.289 Mean Pressure (noon) 29.922

Lowest Point 29.343 Mean daily variation .130

Total Range 9.46

September, 1862

Date	Temp:	Obs. Ht.	Corrected Ht. level	Reduced Ht. 32° F.	Hour of day	Temp:	Obs. Ht.	Corr. &	at 32° F.
1	63	30.086	30.133	30.040		62 2/3	30.008	30.055	29.961
2	63	29.821	29.868	29.776		64	29.746	29.793	29.698
3	63	29.687	29.734	29.642		64	29.686	29.733	29.638
4	62	29.860	29.907	29.817		62 2/3	29.858	29.885	29.794
5	62	29.861	29.908	29.818		62 2/3	29.903	29.950	29.859
6	62	30.008	30.055	29.965		63 1/3	30.061	30.108	30.014
7				30.002		64 1/3	30.133	30.180	30.083
8	63	30.180	30.227	30.134		66	30.066	30.113	30.012
9	64 1/3	30.153	30.200	30.103		64 1/3	30.073	30.060	29.964
10	65	29.995	30.042	29.944					
11	61 2/3	30.170	30.217	30.128					
12	60 1/3	30.237	30.284	30.198		62	30.195	30.242	30.152
13	63	30.048	30.095	30.002		64	29.930	29.977	29.882
14	63 2/3	29.840	29.887	29.793		64	29.869	29.906	29.811
15	63	30.036	30.083	29.990		65	30.040	30.087	29.989
16	64	30.269	30.316	30.219		64 2/3	30.267	30.314	30.216
17	62 2/3	30.410	30.457	30.364		63 1/3	30.422	30.469	30.373
18	61 1/3	30.478	30.525	30.435		62 1/3	30.422	30.469	30.377
19	62	30.425	30.472	30.381		63 2/3	30.374	30.421	30.325
20	62 2/3	30.329	30.376	30.283		64	30.256	30.303	30.206
21	63 2/3	30.310	30.357	30.261					
22	62	30.312	30.359	30.268					
23	61	30.162	30.209	30.121		62	30.114	30.161	30.071
24	61	30.023	30.060	29.973					
25	62 2/3	29.928	29.975	29.883					
26	63	29.978	30.025	29.932		64 1/3	29.955	30.002	29.906
27	64	29.983	30.030	29.935					
28	64 2/3	30.004	30.051	29.954					
29	65	29.890	29.937	29.839		65 2/3	29.830	29.877	29.778
30	65	29.901	29.948	29.850		65 2/3	29.929	29.976	29.876
907.048									

Greatest Height 30.435

mean Pressure (noon) 30.021

Lowest Point 29.638

mean daily variation .111

Total Range 797

October, 1862.

Date	Temp:	Obs. Ht.	Corr. &	at 32° F.	Hour of day	Temp:	Obs. Ht.	Corr. &
1	62 2/3	30.115	30.162	30.070		62 1/3	30.208	30.255
2	62	30.195	30.242	30.152		63 1/3	30.207	30.254
3	64	30.368	30.415	30.318		65 2/3	30.382	30.429
4	63 1/3	30.575	30.562	30.466				
5	63	30.495	30.542	30.447		64	30.378	30.425
6	62 1/3	30.146	30.193	30.102		63 1/3	30.028	30.075
7	60 1/3	30.084	30.131	30.040		60 2/3	30.100	30.147
8	60	30.370	30.417	30.331		61	30.364	30.411
9	60 2/3	30.362	30.409	30.322		61 1/3	30.300	30.347
10	61	30.176	30.223	30.135		62	30.104	30.151
11	62	29.422	29.469	29.379		63	29.918	29.965
12	62 1/3	29.805	29.852	29.762		63	29.898	29.945
13	62	29.879	29.926	29.836		62 1/3	29.962	29.944
14	62	29.947	29.994	29.904		63 1/3	29.924	29.944
15	64	29.689	29.736	29.641		65	29.742	29.788
16	62	30.042	30.089	29.999		61 1/3	30.114	30.116
17	60 1/3	29.648	29.695	29.611		60 2/3	29.642	29.688
18	58	29.703	29.750	29.671		59 2/3	29.745	29.788
19	55 1/3	29.788	29.835	29.763		56	29.780	29.823
20	56	29.305	29.352	29.280		55 2/3	29.382	29.422
21	53 2/3	29.755	29.802	29.735		54 2/3	29.816	29.866
22	56	29.634	29.681	29.508		57	29.406	29.453
23	56 2/3	29.373	29.420	29.346		58 2/3	29.278	29.322
24	55	29.680	29.727	29.656		55	29.735	29.785
25						54 1/3	29.908	29.945
26	56 2/3	29.620	29.667	29.593		57	29.727	29.777
27	56	30.008	30.055	29.981		57	29.927	29.947
28	57 2/3	29.856	29.903	29.825		57	29.840	29.888
29	56	29.968	30.015	29.941		55 1/3	29.971	30.001
30	54	29.961	30.008	29.940		54	29.854	29.900
31	55	29.746	29.793	29.722		56	29.771	29.811

Greatest Height 30.466

mean Pressure (noon)

Lowest Point 28.955

Total Range 11511

mean daily variation

November 1862

Date	Temp.	Obs. Ht	Corrected T at foot of the wire	Reduced to 32° F.	Hour of observation	Temp	Obs. Ht	Corr. &c	at 32° F.
1	57	29.943				57	29.917		
2	55	30.005							
3	55	30.134				58	30.104		
4	57	30.088							
5	57 1/3	30.127				57	30.088		
6	58	30.181				53 2/3	30.142		
7	54	30.274							
8	57	30.370				51	30.256		
9	52	29.744				53	29.602		
10	52 2/3	29.400				52	29.428		
11	50 2/3	29.500				50	29.600		
12	49	29.968				49	30.066		
13	48	30.153				48 1/3	30.033		
14	48 1/3	29.934				48 2/3	29.940		
15	49	30.084							
16	49 2/3	30.196				50	30.208		
17	49 2/3	30.400				49 1/3	30.406		
18	49	30.374				49	30.318		
19	49 2/3	30.191				49	30.158		
20	49	30.228				48 1/3	30.196		
21	48 2/3	30.206				48	30.160		
22	48 2/3	29.966							
23	47	29.771				46 2/3	29.744		
24	45 2/3	29.770				46	29.765		
25	46	29.720				46	29.686		
26	47	29.583				47	29.555		
27	47	29.485				48 2/3	29.607		
28	49	29.804							
29	50 2/3	29.680				50	29.660		
30						49	29.838		

December 1862

Date	Temp.	Obs. Ht	Corrected do	at 32° F.	Hour of observation	Temp	Obs. Ht	Corr. &c
1	50	29.698				50 1/3	29.649	
2	50	29.600				50	29.604	
3	51	29.754				51 1/3	29.710	
4	52	29.830				52 1/3	29.888	
5	54	30.073						
6	55 2/3	30.068				56 2/3	29.970	
7	57 1/3	30.087				57 1/3	30.096	
8	56	30.026				54	30.140	
9	52 1/3	30.165				52 1/3	30.054	
10	54	29.711				54	29.885	
11	52 2/3	30.007				53	29.852	
12	51 1/3	30.246				51	30.356	
13	51 1/3	30.061				51 2/3	29.958	
14	50 2/3	30.413				50	30.420	
15	50	30.431				50	30.398	
16	49 1/3	30.345				49 1/3	30.362	
17	51 1/3	30.310				52 1/3	30.290	
18	50 2/3	30.345				50	30.171	
19	52 1/3	29.765				53	29.797	
20	51 1/3	29.667				50	29.860	
21	48	29.880				48	29.929	
22	47	30.175				46 2/3	30.170	
23	47	30.056				47 1/3	30.124	
24	49	30.280						
25	50 2/3	30.367				57	30.292	
26	50 2/3	30.316				51	30.363	
27	50 1/3	30.463				52 1/3	30.078	
28	52	30.137				52 1/3	29.480	
29	52 1/3	29.607				51 1/3	29.503	
30	52	29.486				50	30.208	
31	50	30.131						