

January, 1863

Date	Temp	Obs. Ht.	Corrected Water to 32° F.	Reduced Hour of day	Temp	Obs. Ht.	Cor. &	at 32° F.
1	50	30.024			52	29.893		
2	53 1/3	29.480			52 2/3	29.840		
3	50 2/3	29.659			50 2/3	29.599		
4	50 1/3	29.384			50 2/3	29.425		
5	50 1/3	29.131		6.00	50 1/3	29.006		
6	51	29.238			51	29.100		
7	50 1/3	29.238			49 2/3	29.325		
8	49 2/3	29.534			49 2/3	29.600		
9	49 2/3	29.743			49 2/3	29.744		
10	49 2/3	29.779			49	29.578		
11	48 2/3	29.835			48 2/3	29.908		
12	47 1/3	30.175			47 1/3	30.106		
13	48	29.895			49	29.908		
14	49	30.230			48	30.313		
15	48	30.428			48	30.446		
16	47 2/3	30.337			47 2/3	30.270		
17	47 1/3	30.226			47 2/3	30.077		
18	47 1/3	29.386			48	29.404		
19	48 1/3	29.370			49	29.576		
20	50 1/3	29.139			49 1/3	29.317		
21	48	29.683			48 2/3	29.786		
22	50	29.755			51 1/3	29.794		
23	52 1/3	29.622			54	29.698		
24	52	29.717			52 1/3	29.747		
25	50 1/3	30.222			50 2/3	30.294		
26	50 1/3	30.336			51 2/3	30.192		
27	52 1/3	30.129			52	30.343		
28	50	30.586						
29	50	29.909			52	29.839		
30	53 1/3	29.657			53	29.522		
31	53 1/3	29.430			53	29.562		

February, 1863

Date	Temp	Obs. Ht.	Cor. &	at 32° F.	Hour of day	Temp	Obs. Ht.	Cor. &
1	52	29.804				51 1/3	29.803	
2	51	29.963				51 2/3	29.927	
3	52 1/3	29.784				52 2/3	29.862	
4	50 1/3	30.241				50 2/3	30.139	
5	52	30.158				52	30.250	
6	52 2/3	30.332				53 2/3	30.336	
7	53 2/3	30.258						
8	52 1/3	30.037				53	29.978	
9	50	30.208				49 2/3	30.211	
10	49 2/3	30.215				50	30.230	
11	51	30.219				51 2/3	30.210	
12	50 2/3	30.343				51 1/3	30.416	
13	50 1/3	30.654				50 2/3	30.660	
14	49 2/3	30.650				50	30.672	
15	48 2/3	30.623				49	30.577	
16	47 2/3	30.650				47	30.639	
17	47	30.660				47 1/3	30.585	
18	47	30.534						
19	48 1/3	30.427				47	30.407	
20	50	30.421				50	30.380	
21	49	30.396				49 2/3	30.311	
22	49 2/3	30.292				50	30.307	
23	50	30.386				49 2/3	30.284	
24	51	30.341				50 2/3	30.353	
25	50 2/3	30.454				51	30.452	
26	51 1/3	30.435				52	30.369	
27	53	30.337						
28	51	30.311						
29						52	30.222	

March 1863

Date	Temp.	Ob. Ht.	Corrected Val. Ht.	Reduced to 32° F.	Hour Temp.	Ob. Ht.	Cor. &c	at
1	52	29.958			52	29.936		32° F.
2	52	29.958			52	29.929		
3	53 1/3	29.893			52 1/3	29.803		
4	54	29.732			55	29.653		
5	54	29.718			55 1/3	29.686		
6	52 2/3	29.590			55 1/3	29.444		
7	53 1/3	29.634			50	29.600		
8	57 1/3	29.617			48 1/3	29.575		
9	48 2/3	29.630			48	29.502		
10	48	29.392			47	29.638		
11	47	29.533			48	29.362		
12	46 1/3	29.442			49	29.335		
13	47	29.291			48 1/3	29.270		
14	48	29.573			48 2/3	29.488		
15					48 1/3	29.504		
16	47 2/3	29.850			48 2/3	29.488		
17	47	30.214			48 1/3	29.488		
18	46 2/3	30.076			48 1/3	29.488		
19	47	30.095			48 1/3	29.488		
20	48 1/3	29.940			48 1/3	29.488		
21	50 2/3	30.060			57 1/3	30.181		
22	50 2/3	30.449			57 1/3	30.382		
23	52	30.461			53	30.422		
24	52	30.509			52 1/3	30.475		
25	54	30.584			55	30.514		
26	53 1/3	30.381			53 1/3	30.526		
27	53 2/3	30.445			55	29.865		
28	53 1/3	29.939			55	30.054		
29	54 1/3	29.843			54	30.253		
30	55	30.089						
31	53 1/3	30.261						

April 1863

Date	Temp.	Ob. Ht.	Cor. &c	at	Hour Temp.	Ob. Ht.	Cor. &c
1	57 2/3	30.171			53	30.140	
2	57	30.131			52 1/3	30.193	
3	57 1/3	30.280			53 1/3	29.957	
4					53	29.798	
5	52	29.886					
6	53 1/3	29.660			53	29.684	
7	54	29.570			55	29.832	
8	52	29.734					
9	54	29.805			58	29.820	
10	55 2/3	29.842			58	29.975	
11	57 1/3	29.844			58	30.074	
12	56				56	29.930	
13	50 1/3	30.028			56	30.008	
14	55 1/3	29.990			57 1/3	30.026	
15	55	30.042			58 1/3	30.144	
16	56	30.040			59 1/3	30.289	
17	57	30.178			58	30.174	
18	58	30.281			58 1/3	29.860	
19	56 2/3	30.229					
20	58 1/3	29.962			59	29.828	
21	56 1/3	29.910			58	30.182	
22	57 1/3	29.727			58 1/3	30.377	
23	57	30.115			58	30.298	
24	55	30.450			58	30.126	
25	56	30.330			59 1/3	30.063	
26	57	30.317			58 1/3	29.809	
27	54 1/3	30.125			58 1/3	29.910	
28	58	29.878			58 1/3	30.169	
29	55 1/3	29.886					
30	52 1/3	30.137					

May. 1863

Date	Temp.	Obs. Ht.	(Corrected T. at the Foot of Sea)	at	Hour of Obs.	Temp.	(Obs. Ht.)	Corr. &c	at
1	51 1/3	30.295		32.974		53	30.245		
2	52 1/3	30.179				55	30.095		
3	55 1/3 29.900					55 1/3	29.900		
4	54	29.870				56 1/3	29.842		
5	54 1/3	29.862							
6	54 1/3	30.078				57 1/3	30.028		
7	59	30.173				60 1/3	30.235		
8	58	30.423							
9	57 1/3	30.128							
10	58	30.004							
11	57	30.086				58 1/3	30.006		
12	57	29.787				61 1/3	29.730		
13	62 1/3	29.650				59	29.642		
14	58	29.926				60 1/3	29.804		
15	58 1/3	29.854				59 1/3	29.830		
16	59	29.967				60	29.948		
17						59 1/3	29.845		
18	58 1/3	29.929				59	29.922		
19	57	29.955				58 1/3	29.938		
20	54 1/3	30.086				55	30.114		
21	55 1/3	30.222							
22	54 1/3	30.109				55 1/3	30.074		
23	53 1/3	29.981				56	29.866		
24	54 1/3	29.929				55 1/3	29.876		
25	54 1/3	29.958							
26	54 1/3	30.187				56 1/3	30.215		
27	55 1/3	30.363				58	30.278		
28	58	30.326							
29						64	30.213		
30	64	30.242							
31						64	30.284		

June 1863.

Date	Temp.	Obs. Ht.	(Corr. &c)	at	Hour of Obs.	Temp.	Obs. Ht.	Corr. &c
1	61 1/3	30.323		32.974		63	30.218	
2	61	30.184				64	30.094	
3	63	30.048				65 1/3	30.070	
4	65	30.040						
5	63 1/3	30.052				63	29.889	
6	62	29.494				62 1/3	29.468	
7						62	29.502	
8	61	29.552				62	29.603	
9	60 1/3	29.810				62	29.837	
10	61	29.598				62	29.530	
11	61 1/3	29.630				63 1/3	29.605	
12	61 1/3	29.578				62	29.582	
13	59 1/3	29.770				61 1/3	29.847	
14	60 1/3	30.057				61 1/3	30.072	
15	62	30.038				63	30.035	
16	63	30.025				64	29.984	
17	62 1/3	29.925						
18	60 1/3	29.927				65	29.840	
19	64	29.650						
20	64	29.796				65 1/3	29.848	
21	64	30.078						
22	64 1/3	30.122				66	30.090	
23	65	30.166				68	30.168	
24	66	30.156						
25	66 1/3	30.150				68	30.184	
26	66	30.224				68 1/3	30.178	
27	65	30.020				67 1/3	30.040	
28	64 1/3	30.020				65	29.996	
29	64	30.042				65	30.045	
30	64	30.280				65	30.278	

July 1863

Date	Temp	Obs. Height	Corrected ^{at Sta.} Loc 6-50m	Alt	Hum ^{of} Obs	Temp	Obs. Ht	Corrected ^{at Sta.} Level 9-50m	Alt
				327M					32°

August 1853

[illegible]