

JUNE, 1873.

PRIVATE OBSERVATORY, HOBART TOWN.

Day of month.	Bar. 37 feet abv. sea level corrected & reduced.		Self-Registering Thermometers.				Wind.		
	Highest.	Lowest.	Highest in shade.		Highest in sun.	Lowest on grass.	Direction from three daily re- gisters.	Force in lb. per square foot.	Rain in Inches.
			°	°					
1	29·787	29·724	68	46	85·5	88·0	NW	·52	
2	29·602	29·570	65	43	82·0	40·0	NW	3·64	0·01
3	29·926	29·570	63	41	87·0	38·5	NW SE	0·	
4	30·194	30·178	66	39	85·0	34·5	NW SE	·26	
5	30·249	30·221	62	37	81·0	30·0	NW	·52	
6	30·145	29·994	60	41	66·5	36·5	NE SE	0·	0·40
7	29·776	29·705	67	53	88·0	48·0	NW E SE	0·	0·01
8	29·821	29·797	64	50	78·5	46·5	NW	·52	
9	29·975	29·862	74	46	92·5	41·0	NW	·26	
10	29·986	29·971	68	43	88·0	40·0	NW	·78	
11	30·091	30·076	69	43	83·5	40·0	NW	·52	
12	30·350	30·297	66	43	84·5	38·5	NW	·26	
13	30·120	29·884	64	49	72·0	40·0	SE NW	·52	0·30
14	29·976	29·887	66	44	84·0	41·5	NW	1·30	
15	30·350	30·299	62	44	68·5	39·5	NW SE	·26	
16	30·431	30·340	61	44	84·0	40·0	NW	0·	
17	30·133	29·987	59	44	65·0	37·5	NW	1·04	0·17
18	29·992	29·844	59	49	68·0	45·0	NW E	0·	0·02
19	29·787	29·677	70	50	91·5	45·5	NW	·26	0·05
20	29·678	29·624	66	44	86·0	40·0	SW SE W	·78	
21	29·934	29·876	65	41	87·5	37·5	NW	1·56	0·1
22	30·133	30·150	62	48	65·0	42·0	NW	·26	0·02
23	30·202	30·167	64	46	85·5	40·0	NW	5·73	
24	30·204	30·198	64	47	83·0	40·5	NW SE	·78	
25	30·415	30·352	65	43	86·0	39·0	NW NE S	0·	
26	30·466	30·383	64	44	86·0	39·5	NW NE	0·	
27	30·371	30·239	60	38	76·0	34·0	NW	1·30	
28	30·108	29·892	59	37	75·5	30·0	NW	·78	
29	29·648	29·613	57	47	60·5	40·0	NW SE	0·	0·17
30	29·950	29·911	55	41	69·5	34·5	SW S SE	·26	0·04
Monthly mean			53·44		78·85	39·20	Total Force	21·95	1·20
	29·990								

The mean in all cases is taken from the sums of the three daily registers, and not from the maximum and minimum.

The direction of the wind is registered from currents moving at a height of 192 feet and the force according to Lind's Wind Gauge. The supposition, however, of a uniform velocity during the month is a very arbitrary one, and the results can be considered only approximately correct.

The relations of the quantities of rain which fell under the different winds are registered each evening at sundown.

The 30 years' standard tables are used for obtaining the difference from the average.

Barometer mean, 29·990in., being 0·099in. above the average.

Temperature mean, 53·44°, being 6·25° above the ditto.

Solar intensity mean, 78·85°, being 2·85° above the ditto.

Dew point mean, 45·0°, being 3·31° above the ditto.

Humidity of air mean, '80, being '03 per cent. below the ditto.

Elastic force of vapour mean, '325, being '056 below the ditto.

Total amount of rain, 1·20in., being 0·60in. below the ditto.

Increase of rainfall on spontaneous evaporation, 0·47in.

Mean amount of ozone, '63, being 0·53 of chromatic scale below the ditto.

A paucity of electricity all through the damp weather. Snow on Mount Wellington.

Humid and cloudy, with drizzling rain and fog all through the month.

Leafing, Flowering, and Fruiting of a few Standard Plants in the Royal Society's Gardens, during the month.

20th.—Maclaura Aurantiaca leaves shed.

22nd.—Common Privet ditto ditto.

29th.—Calycauthus Præcox in full flower.

30th.—Snowflake commencing to flower.

„.—Black Mulberry leaves all shed.