

NOVEMBER, 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.		Lowest in shade.		Direction from three daily re- gisters.	Force in lb. per square foot.	Rain in Inches.
			°	°	°	°			
1	29.341	29.232	71.43	98.5	36.0		NW	8.33	0.25
2	29.770	29.606	68.42	105.5	34.5		NW SW	3.12	0.01
3	30.052	29.992	72.41	113.0	33.5		NW SE	1.30	
4	30.054	29.872	80.45	116.0	34.5		NW	1.30	
5	29.712	29.624	78.54	80.0	35.5		W NW SE	2.52	0.14
6	30.004	29.968	70.40	106.0	33.0		NW SE	3.12	
7	30.012	29.910	67.40	99.5	32.5		NW SE	1.30	0.04
8	29.834	29.785	63.50	72.0	34.0		SE	1.04	0.12
9	29.971	29.917	60.49	72.0	32.0		SE	7.80	0.17
10	30.172	30.134	56.44	85.0	30.5		SE	1.56	0.01
11	30.237	30.079	69.45	108.0	33.0		NW W SE	.78	
12	29.992	29.860	66.42	112.0	34.5		NE SE	1.04	
13	29.845	29.815	64.50	102.5	35.0		SE	3.33	0.76
14	30.124	30.087	62.46	75.5	33.0		SW SE	3.64	0.12
15	30.162	30.110	64.46	109.0	34.5		NE SE	1.30	
16	30.024	29.907	72.46	114.0	35.0		NW SE	1.04	0.07
17	29.965	29.926	67.47	105.0	34.0		SE	3.72	
18	30.124	30.112	63.42	95.0	32.0		SE	1.04	
19	30.170	30.133	67.41	112.5	31.5		NW SE	.78	
20	30.162	30.020	69.47	110.0	34.0		NW SE	1.04	
21	30.042	30.010	67.43	111.0	33.0		NE SE	3.12	
22	30.148	30.109	66.50	108.0	36.0		SE	1.30	
23	30.172	30.105	68.47	110.5	34.5		E SE	5.46	
24	30.098	29.923	69.54	110.0	34.0		W SE	1.30	0.01
25	30.118	30.082	69.50	107.5	34.5		SE	1.04	
26	30.056	29.947	72.47	110.0	33.0		NW SE	1.30	0.04
27	29.929	29.870	67.53	75.5	34.5		SW SE	1.04	0.10
28	29.884	29.874	65.50	76.0	33.5		SE	1.30	0.02
29	29.985	29.940	63.45	104.0	34.0		NW SE	1.30	
30	30.214	30.200	63.49	89.0	33.5		SE	1.30	
Mean monthly 29.973			57.87	96.75	33.77		Total Force	67.87	1.86

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, 29.97in., being 0.003in. above the average.
 Temperature mean, 57.37°, being 0.20° above the ditto.
 Solar intensity mean, 9.875°, being 5.16° below the ditto.
 Dew point mean, 46.6°, being 0.11° above the ditto.
 Humidity of air mean, 67.53, being 21.04 per cent. above the ditto.
 Elastic force of vapour mean, .318, being .008 below the ditto.
 Total amount of rain, 1.86in., being 0.92in. below the ditto.
 Increase of spontaneous evaporation on rainfall, 1.05in.
 Mean amount of ozone, .6, being 1.50 below the ditto.
 Electricity active all through the month.
 The mean daily amount of *sunlight* for November, 1872, .49 per cent., and for November, 1873, .55 per cent.

The mean daily amount of *sunlight* for December, 1872, .73 per cent.
Leafing, Flowering, and Fruiting of a few Standard Plants in the Royal Society's Gardens, during the Month.

- 12th.—First ripe Strawberry gathered.
- 22nd.—First ripe Cherry gathered.
- 23rd.—Black Mulberry commencing to flower.
- 28th.—Common Pomegranate in flower.
- 30th.—First ripe Raspberry gathered.