

JUNE, 1872.
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 lbs. per square foot.	Rain in Inches.
	In.	In.	°	°	°	°			
1	30.072	29.925	53	36	82.5	33.5	NW	.78	
2	30.061	29.882	60	40	82.0	36.0	NW	.78	0.02
3	29.959	29.750	59	40	59.5	34.0	NW	.26	1.29
4	29.459	29.336	56	37	55.0	47.0	SW	15.63	3.46
5	29.934	29.837	64	44	87.0	40.0	SW NE	1.30	
6	30.048	29.977	62	42	72.5	30.0	W S SE	.26	0.02
7	30.132	30.158	60	32	79.0	23.0	NW	.52	
8	30.161	30.037	60	44	70.0	33.5	NW SW	.78	0.06
9	30.305	30.194	57	40	75.0	36.0	SW W SE	1.04	
10	30.372	30.251	60	33	85.5	27.0	SW E SW	.52	
11	30.074	29.932	65	35	90.0	32.0	NW SW	1.30	0.06
12	29.876	29.803	54	43	64.0	39.0	S SW NW	0	0.05
13	29.850	29.762	50	41	58.0	38.0	NW SE	.52	0.16
14	29.965	29.950	60	40	87.5	33.5	NW	.52	
15	29.874	29.756	59	37	62.0	29.0	NW NE	.52	0.12
16	29.708	29.656	54	43	67.5	37.0	NW SW SE	.52	
17	29.910	29.828	58	35	78.0	23.0	NW	.78	0.07
18	29.614	29.554	51	39	57.5	32.5	NW	.26	0.46
19	29.504	29.409	54	42	60.0	41.0	NW	.52	0.05
20	29.341	29.327	64	40	87.0	34.5	NW	1.04	0.01
21	29.403	29.310	63	44	86.5	36.5	NW	.52	
22	29.246	29.178	60	43	67.0	36.0	NW	.52	0.09
23	29.255	29.045	58	44	79.5	41.0	NW	1.04	
24	29.365	29.139	55	41	57.5	32.0	NW	1.04	0.06
25	29.483	29.454	63	44	84.0	41.0	NW	.78	0.03
26	29.801	29.609	59	43	65.0	33.5	SW W	1.04	
27	29.877	29.606	56	39	76.0	29.0	NW	.52	0.31
28	29.663	29.456	68	46	87.5	42.0	SW SE	.78	
29	29.706	29.596	62	38	68.0	33.0	NW	.52	0.01
30	29.338	29.309	63	42	85.5	36.0	NW	1.30	
Mean Monthly 29.712	48.36	73.70	35.32		Total Force	35.91	6.33		

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

Barometer mean, 29.712 in., being 0.179 in. below the average.

Temperature mean, 48.36°, being 1.27° above the average.

Solar intensity mean, 73.70° being 1.79° below the ditto

Dew point mean, 41.7°, being 0.01° below the ditto.

Humidity of air mean, .81, being .02 per cent. above the ditto.

Elastic force of vapour mean, .274, being .005 per cent. below the ditto.

Total amount of rain, 6.33 in., being 4.53 in. above the ditto.

Increase of rain fall on spontaneous evaporation, 2.98 in. ditto.

Mean amount of ozone, 6.89, being 0.23 of chromatic scale above ditto.

A very feeble amount of atmospheric electricity all through the month; out of 90 records there were 53 nils.

Aurora on the 10th and 27th.

Snow never absent from Mount Wellington with frequent fresh deposits.

Lightning on the 30th.

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

18th—Osage Orange leaves commencing to fall.

20th—Common Privet leaves shedding.

28th—Calycanthus præcox in full flower.

30th—Black Mulberry leaves all shed.

FRANCIS ABBOTT.