

NOVEMBER, 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.	Highest in sun.	Lowest on grass.	Direction from three daily re- gisters.	Force in lbs. per square foot.	Rain in Inches.
1	30·195	30·167	69·49	106·0	36·0		NW SE	1·04	0·07
2	30·230	30·206	65·50	108·0	49·5		E SE	1·04	
3	30·243	30·028	75·50	112·5	42·5		NW NE	1·30	
4	30·101	30·093	85·60	119·0	48·0		NW	·78	0·01
5	30·118	30·053	78·60	110·5	50·0		SE	·52	0·01
6	29·985	29·842	84·05	119·0	51·5		NW NE SE	1·56	
7	29·757	29·639	79·60	112·0	53·5		NW SE	·52	0·17
8	29·534	29·451	73·60	80·5	55·0		NW SW NE	·26	0·30
9	29·709	29·619	75·55	118·0	51·0		NW SE	·78	0·04
10	29·824	29·677	72·62	105·5	50·0		SE	·78	0·03
11	29·768	29·585	66·53	102·0	47·0		NW SW S	10·41	0·02
12	30·184	30·150	63·42	95·0	37·0		SW SE	1·60	
13	30·209	30·180	69·44	106·5	37·0		NW W SE	3·38	0·04
14	30·194	29·989	75·50	109·0	47·5		NW SE	1·56	
15	29·886	29·750	86·50	125·0	46·0		NW W	5·72	0·16
16	30·107	30·022	80·46	85·0	40·0		SE SW SE	3·12	0·10
17	30·317	30·250	75·40	119·5	36·0		SE	1·56	
18	30·102	29·889	76·42	114·0	37·0		NW	·78	
19	29·807	29·737	72·58	76·0	52·0		NW E SE	·26	0·02
20	30·027	29·997	70·52	111·0	38·5		SE	3·64	
21	30·127	30·106	67·54	94·0	50·0		SE	1·30	0·07
22	30·126	29·935	68·54	78·0	43·0		NW SE	·26	
23	29·915	29·894	70·57	99·0	55·0		NE SE	·26	0·87
24	30·013	29·988	67·56	78·0	54·0		SE	5·46	0·03
25	30·066	30·055	64·53	78·0	52·0		SE	1·56	0·07
26	29·996	29·789	70·54	104·0	52·0		NE NW NE	·78	
27	29·607	29·438	78·59	111·5	55·0		NW SE	·52	0·45
28	29·428	29·412	75·57	116·0	55·0		SE SW	1·30	0·02
29	29·699	29·627	70·51	110·0	47·5		NW	5·72	
30	29·943	29·922	71·49	114·0	46·0		NW	3·64	
Monthly mean			62·58	103·30	47·30		Total Force	62·41	2·85
29-93									

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, 29·93in., being 0·130in. below the average

Temperature mean, 62·58°, being 4·91 above the ditto.

Solar intensity mean, 103·30°, being 4·61° below the ditto.

Dew point mean, 52·7°, being 6·21° above the ditto.

Humidity of air mean, 71, being 01 per cent. below the ditto.

Elastic force of vapor mean, 399, being 073 per cent. below the ditto.

Total amount of rain, 2·85in., being 0·07in. above the ditto.

Increase of rainfall on spontaneous evaporation, 1·07in.

Mean amount of ozone, 8·5, being 1·00 on chromatic scale above ditto.

Electricity active on the 1st, 3rd, 11th, 12th, 13th, 15th, 17th, 18th, 29th, and 30th.

Aurora on the 3rd and 17th. Heavy thunder, lightning, and rain on the 25th.

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

14th.—First Strawberry gathered.

20th.—Ditto Cherry ditto.

20th.—Black Mulberry in blossom.

26th.—First ripe Raspberry gathered.

29th.—Bougainvillea spectabilis in flower.

FRANCIS ABBOTT.