

METEOROLOGY FOR MARCH, 1866.

PRIVATE OBSERVATORY, HOBART TOWN.

Day of month.	Bar. 37 feet abv. sea level, cor. & reduced		Self - register- ing Thermo- meters.				Wind.		Rain in inches.
	Highest.	Lowest.	Highest in shade.	Lowest in shade.	Highest in sun.	Lowest on grass.	Direction from three daily registers.	Force in lbs. per square foot.	
	In.	In.	°	°	°	°			
1	30·084	30·045	64·45	101·0	43·0	W SW S	1·30	0·01	
2	30·130	29·818	65·39	77·0	38·0	NW N	1·04		
3	29·430	29·196	77·51	101·0	47·5	NW WNW	·52		
4	29·452	29·367	72·48	88·0	46·5	NW W	8·33	0·03	
5	29·821	29·616	66·46	100·0	42·0	SW NE	6·25	0·15	
6	29·933	29·899	71·52	105·0	51·0	NW W	1·30		
7	29·898	29·562	69·57	95·0	35·0	NW	·52	0·05	
8	29·932	29·646	64·46	97·0	44·0	W NW	3·64	1·14	
9	30·140	30·084	73·52	110·0	49·5	NW SE	·78		
10	30·190	30·140	70·47	100·5	44·0	NW SE	·78		
11	30·169	30·163	67·53	83·0	51·5	SW SE SW	·52		
12	30·154	29·878	85·60	121·5	51·5	NW N	·78		
13	29·781	29·508	88·60	120·0	57·0	NW SW	5·47		
14	30·217	30·057	79·49	105·5	47·0	SE W SW	·78		
15	30·431	30·396	73·43	106·5	41·0	NW E SE	·52		
16	30·445	30·340	75·45	112·0	43·5	NW SE	·78		
17	30·257	29·989	80·48	116·5	47·5	NW	·78		
18	29·838	29·787	74·58	86·0	54·5	NE N SE	1·04	0·34	
19	30·065	29·990	70·47	96·0	46·0	SW NW	·78	0·05	
20	30·191	30·167	78·47	113·5	45·0	NW E	·52		
21	30·381	30·312	75·50	118·0	49·0	NW SE	1·04		
22	30·448	30·346	69·50	80·0	54·0	NW SE	·26		
23	30·258	30·033	69·50	94·0	50·0	NW N NW	·78	0·30	
24	30·005	29·939	75·60	104·0	57·0	NW S	·52	0·06	
25	29·956	29·853	81·54	112·0	52·5	NW WNW	·78		
26	29·813	29·676	78·58	98·0	58·5	NW WNW	5·20	0·22	
27	30·143	29·932	69·53	108·0	49·5	NWSWNW	2·86		
28	30·206	30·107	72·42	107·0	40·5	NWSENW	·52		
29	30·147	30·076	74·41	102·5	49·0	SW NE S	·78		
30	30·364	30·344	69·54	80·5	53·0	SE E	·00	0·03	
31	30·341	30·243	74·47	110·0	46·0	NW SE S	·26		
Total force 49·43 2·38									

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

*Leafing, Flowering, and Fruiting of a Few Standard Plants
in the Royal Society's Gardens during the Month:—*

- 13th. Tips of hornbean commencing to turn.
- 14th. Coe's golden drop plum ripe.
- 16th. Seckle pear ripe.
- 18th. Tips of elm turning yellow.
- 20th. Horse chestnut leaves turning brown.
- 28th. Ash leaves commence falling.
- Oak leaves commence falling.

Barometer mean, 30·017in., being 0·160in., above the average.
 Temperature mean, 60·25°, being 0·27° above the ditto.
 Solar intensity mean, 101·60°, being 3·40° below the ditto.
 Dew point mean, 48·7°, being 0·87° below the ditto.
 Humidity of air mean, ·72, being 1·5 per cent. above the ditto.
 Elastic force of vapor mean, ·371, being ·016 per cent. above the ditto.
 Total amount of rain, 2·38in., being 0·86in. above the ditto.
 Increase of spontaneous evaporation on rainfall 2·07 inches.
 Mean amount of ozone, 6,92, being 0·19 of chromatic scale above the ditto.
 Electricity active on the 4th, 5th, 6th 8th, 14th, 15th, and nil on the 18th,
 23rd, 24th, and 30th.
 Mount Wellington covered with snow on the 8th.
 Hot wind on the 13th. Thunder and lightning on the 25th.

FRANCIS ABBOTT.



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