

MARCH, 1873.  
PRIVATE OBSERVATORY, HOBART TOWN.

Day of Month.	Bar. 37 feet abv. sea level corrected & reduced.		Self-Registering Thermometers.				Wind.		Rain in Inches.	
	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.		
										In.
1	30·007	29·921	78	54	107·0	50·0	SW SE	1·56	} 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.	
2	30·074	30·032	72	52	99·0	49·0	NW SE	·26		
3	30·118	30·036	74	56	112·0	53·5	SW SE	·26		
4	30·077	30·027	76	53	111·5	49·0	W E SE	·78		
5	29·888	29·667	85	53	120·0	51·5	NW	8·07		
6	30·057	29·913	82	57	98·0	55·0	SE	6·25		
7	30·126	30·052	75	53	106·0	51·0	NW	0·		
8	29·961	29·833	76	56	108·0	53·5	SW SE	1·04		
9	29·868	29·713	80	53	116·0	49·0	NW SE	1·56		
10	29·721	29·662	79	52	107·0	47·5	NW SW SE	·78		
11	29·757	29·737	71	47	109·0	43·5	NW	3·12		
12	30·015	29·982	71	48	109·5	44·0	SW NW	3·12		
13	30·032	29·941	79	55	116·0	43·0	NW ENW	·78		
14	30·042	29·945	72	54	91·0	51·0	SE	1·04		
15	30·187	30·150	68	45	89·0	44·0	NW ENE	·78		
16	30·197	30·039	79	46	110·5	40·5	NW	1·30		
17	29·965	29·954	76	55	81·0	54·0	NW	3·38		
18	30·065	30·007	75	55	81·0	56·5	SE	1·04		
19	30·154	30·118	71	53	87·5	50·0	NW	0·		
20	29·971	29·737	72	55	95·0	52·0	NW SE	0·26		
21	29·777	29·575	70	52	75·5	50·0	SW	10·41		
22	29·898	29·845	65	44	99·0	40·5	SW NW	3·38		
23	29·815	29·643	66	47	100·0	43·5	NW SW	3·64		
24	30·219	30·186	64	49	79·5	41·0	SE NW NE	·26		
25	30·107	29·954	66	49	64·5	45·0	NW NE	·52		
26	30·076	30·037	63	48	93·0	42·5	SE	1·04		
27	30·095	29·876	63	48	96·0	40·0	NW SE SW	·26		
28	30·099	30·065	60	48	92·0	41·5	SW SE SW	1·56		
29	29·962	29·918	61	46	89·0	40·0	NW SE	·78		
30	30·058	30·055	72	43	105·0	38·5	NW	·52		
31	30·046	30·036	70	52	103·0	47·0	NW	1·04		
Monthly mean 29·969	61·40	99·0	47·0	Total force	58·20	2·36				

Barometer mean, 29·969 in., being 0·092 in. above the average.  
 Temperature mean, 61·40°, being 1·48° above the ditto.  
 Solar intensity mean, 99·0°, being 4·50° below the ditto  
 Dew point mean, 49·8°, being 0·58° above the ditto.  
 Humidity of air mean, ·58, being ·13 per cent. below ditto.  
 Elastic force of vapour mean, ·375, being ·018 per cent. above the ditto.  
 Total amount of rain, 2·36 in., being 0·70 in. above the ditto.  
 Increase of rain-fall on spontaneous evaporation  
 Mean amount of ozone, 8·10, being 0·99, of chromatic scale above ditto.  
 Electricity active on the 1st, 5th, 6th, 11th, 13th, 15th, 16th, 22nd and 23rd.  
 An Aurora with coloured corruscations on the 9th.  
 Lightning on the 20th.

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

10th.—Tips of Hornbeam commencing to turn yellow.  
 14th.—Coe's golden drop plum ripe.  
 16th.—Seckle pear commencing to ripen.  
 18th.—Tips of elm turning yellow.  
 24th.—Horsechestnut leaves turning brown.  
 26th.—Ash leaves turning yellow.  
 31st.—Oak leaves commencing to fall.