

METEOROLOGY FOR MARCH, 1874.

PRIVATE OBSERVATORY, HOBART TOWN.
Latitude 42° 52' 13" S. Longitude 164° 40m 29.2s E.
(Registered for the Royal Society of Tasmania.)

Day of Month.	Bar. corrected for temperature and reduced to mean sea level.		Thermometers (Reading.)		Thermometers (Self-Registering.)		Relative Humidity		Clouds.		Wind.		Rain in Inches.							
	7 30 a.m.		7 30 a.m.		7 30 a.m.		7 30 a.m.		7 30 a.m.		7 30 a.m.		7 30 a.m.							
	7 30 a.m.	4 30 p.m.	Centigrade.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Highest in Sun, 4 30 p.m.	Highest in Shade, 4 30 p.m.	Lowest on Grass, 7 30 a.m.	4 30 p.m.	Amount.	Character.	Amount.	Direction from.	Force in lbs. per square foot.	Direction from.	Force in lbs. per square foot.	7 30 a.m.	7 30 a.m.	7 30 a.m.
1 29 83.0	29 967	70	50	63	130	70	36	80	60	K	7	W	0	W	0	0	0	0	0	0
2 29 142	30 110	8	47	69	131	65	24	73	28	K	7	NW	0	W	0	0	0	0	0	0
3 29 145	30 161	10	40	63	130	67	33	85	53	K	10	K	6	N	8	8	0	0	0	0
4 29 160	30 072	11 5	37	66	1 8	68	30	80	50	K	10	K	4	SE	0	NE	0	0	0	0
5 29 087	29 888	13	50	65	128	73	33	62	63	K	8	SE	0	NW	0	SE	0	0	0	0
6 29 761	29 628	15	60	74	36	84	30	67	65	K	10	K	0	W	26	SW	2 60	0	0	0
7 29 677	28 867	20	69	62	115	74	41	71	71	K	7	NW	0	NW	0	W	0	0	0	0
8 29 620	29 015	12	54	66	85	68	37	75	88	K	10	NW	0	NW	0	W	0	0	0	0
9 29 504	29 831	12	59	75	130	78	40	25	46	K	8	0	0	W	25	NW	0	0	0	0
10 29 983	28 881	10 4	54	75	128	82	36	24	63	K	10	K	0	W	0	W	0	0	0	0
11 29 962	30 068	13	56	63	92	70	40	87	72	K	8	0	0	SE	26	NW	0	0	0	0
12 29 122	30 028	11	59	64	90	68	36	81	64	K	4	SE	0	NE	0	NE	0	0	0	0
13 29 972	29 845	13	57	68	60	78	40	37	76	K	10	K	0	W	0	W	0	0	0	0
14 29 972	31 574	14	56	62	91	67	37	82	82	K	10	K	0	W	0	W	0	0	0	0
15 29 527	29 658	11	55	69	98	65	36	75	71	K	8	SW	0	N	20	N	0	0	0	0
16 29 387	29 758	11	54	54	75	69	36	80	80	K	10	K	0	SW	26	SW	0	0	0	0
17 29 928	29 943	9	41	62	95	56	34	74	62	K	10	K	0	W	28	SE	0	0	0	0
18 29 942	31 058	10	50	65	98	58	35	80	81	K	6	K	0	W	28	8	0	0	0	0
19 29 932	29 015	6	48	62	85	65	37	85	67	K	4	K	0	NW	0	NW	0	0	0	0
20 29 837	29 157	10 4	50	72	125	78	30	80	58	0	6	W	0	W	26	N	0	0	0	0
21 29 158	30 128	15	68	70	120	72	38	72	78	K	10	K	4	W	26	N	0	0	0	0
22 29 240	29 104	14	68	65	96	73	36	77	83	K	8	K	8	SW	0	SE	20	0	0	0
23 29 121	29 125	13	59	58	90	65	35	85	88	K	10	K	10	SE	0	SE	0	0	0	0
24 29 132	29 974	12	54	63	105	66	34	86	82	K	10	K	10	SE	0	SE	0	0	0	0
25 29 527	29 806	12	55	65	121	71	34	81	79	K	6	K	4	NW	0	NW	0	0	0	0
26 29 347	29 107	10	59	55	91	64	34	89	81	K	9	K	10	W	0	SE	0	0	0	0
27 29 253	30 247	0	54	63	105	66	34	86	82	K	10	K	10	SE	0	SE	0	0	0	0
28 29 934	29 864	12	53	62	95	61	37	86	67	K	10	K	0	NW	26	NW	0	0	0	0
29 29 554	29 018	10	50	67	76	65	35	86	60	K	4	K	5	NW	26	NW	0	0	0	0
30 29 914	29 679	7	45	47	87	78	38	91	75	K	7	W	0	W	52	8	0	0	0	0
31 29 975	29 518	5 5	47	62	92	80	37	79	78	K	10	W	0	NW	0	NW	0	0	0	0
Mean Press	Mean M. in Therm.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean for Month.	Mean Force 30 lbs.	Direction	Force	Direction	Force	Direction	Force	Direction	Force	Direction
30 843	10 09	57 42	101 81	63 09	55 80	75	70	75	70	70	70	70	70	70	70	70	70	70	70	70
Greatest do	Max.		Max.	Max.	Max.	Max.	Max.	Max.	Max.	Prev. Character, K	Greatest Force 2 00 lb.									
30 255	13 09		128 09	84 00	40 00															
Least do.	Min.		Min.	Min.	Min.	Min.	Min.	Min.	Min.		Least Force 0									
20 015	2 50		74 90	56 00	31 90															

The Meteorological form brought into use at the beginning of 1870 differs in some respects from the former one. It has been adapted with the view of assisting the Hobart Town, records more closely with those of stations in Europe, America, etc., in order to co-operate in a system of International Meteorology. Readings are added from the centigrade thermometer, that being the instrument generally used on the continent of Europe.

The mean is in all cases taken from the sums of the two daily registers, not from the maximum and minimum.

The direction of the wind is registered from currents at a height of 20 feet above sea level, and its force in lbs. per square foot.

The relative quantity of rain that fell under the different

winds is registered each working at 7 30 a.m. The 35 years' standard tables are used for obtaining the difference from average.

FRANCIS AZBOTH, F.R.S., etc.

Time of leafing, flowering, and fruiting of a few standard plants in the Royal Society's Gardens during the month of March, 1874:

- 7th.—Tips of Hornbeam commencing to turn brown.
- 8th.—Cob's Golden Drop Pinn ripe.
- 10th.—Suckle Pear commencing to ripen.
- 12th.—Tips of Pin turning yellow.
- 17th.—Hircoclistus Leaves turning brown.
- 18th.—Ash Leaves commencing to fall.
- 25th.—Oak Leaves commencing to fall.

F. AZBOTH, JUN., Superintendent.