

METEOROLOGY FOR JUNE 1879.

PRIVATE OBSERVATORY, HOBART TOWN.
Latitude 42° 6' 13" S.; Longitude 157° 46m. 29.2 E.
(Registered for the Royal Society of Tasmania.)

Day of Month	Thermometers (Reading.)		Thermometers (Self-Registering)					Wind.		Clouds.			Relative Humidity		Other.						
	Thermometers (Reading.)		Thermometers (Self-Registering)					Wind.		Clouds.			Relative Humidity		Other.						
	7 30 a.m.	4 30 p.m.	Colonnade, 7 30 a.m.	Fahrenheit, 7 30 a.m.	Fahrenheit, 4 30 p.m.	Highest in Sun, 4 30 p.m.	Highest in Shade, 4 30 p.m.	Lowest on Grass, 7 30 a.m.	Force in lbs. per square foot.	Direction from.	Force in lbs. per square foot.	Direction from.	Character.	Amount.	Character.	Amount.	Direction from.	7 30 a.m.	7 30 a.m.	7 30 a.m.	7 30 a.m.
1.30 014 20 014	5	41	50	70	54	38	52	NE	26	K	7	K	10	NE	84	90					6
2.30 478 20 102	5	48	50	97	25	30	0	SE	0	K	8	K	10	NW	81	100					4
3.30 125 20 978	1.5	54	51		25	30	0	NW	0	K	5	N	10	SE	85	97					4
4.30 112 20 612	2	53	50	85	65	32	0	N	0	K	8	N	10	NW	82	93					4
5.30 175 20 992	2	55	45	80	52	32	0	N	0	K	8	N	10	NW	90	80					4
6.30 125 20 128	4	39	47	88	43	25	0	NW	52	K	7	7	7	NW	100	95					2
7.30 071 20 895	1.5	34	46	67	50	20	0	NW	20	K	7	N	10	NW	91	86					4
8.30 934 20 912	1.6	31	45	75	47	20	0	NW	0	K	4	K	10	NW	75	70					4
9.30 712 20 702	2	35	47	85	60	23	0	NW	0	K	4	K	10	NW	87	85					2
10.30 825 20 943	5	40	52	79	60	22	0	SE	52	K	8	N	10	NW	83	54					15
11.30 830 20 755	5	41	55	99	61	23	0	N	52	K	4	K	10	NW	85	91					3
12.30 759 20 730	5	41	47	—	52	37	0	SW	5 21	K	10	K	10	NW	65	70					4
13.30 825 20 994	8	47	51	—	63	38	52	W	0	K	7	0	SW	60	61					5	
14.30 765 20 431	6	43	50	67	50	33	0	SW	2 50	K	7	N	10	NW	80	82					3
15.30 348 20 420	7	45	44	72	31	34	2 0	W	2 60	N	10	K	10	SW	85	78					3
16.30 065 20 643	7	45	54	85	37	34	6 2	N	5 0	K	7	K	8	NW	89	76					3
17.30 623 20 661	8	49	45	—	33	37	2 0	SW	2 60	K	5	NW	0	W	73	79					3
18.30 076 20 144	5	41	50	95	55	34	2 2	W	0	K	7	K	7	W	60	55					18
19.30 233 20 201	1	33	44	62	35	22	0	NW	0	K	6	K	8	NW	98	93					3
20.30 302 20 373	5	44	52	75	54	34	2 6	NW	0	K	10	K	10	NW	92	85					10
21.30 232 20 376	6	41	58	107	47	34	0	NW	55	K	7	K	7	NW	81	58					7
22.30 373 20 281	0	28	47	88	58	28	0	W	0	K	0	K	1	S	98	86					7
23.30 375 20 245	2	30	43	64	54	30	0	NW	52	K	10	0	W	76	84					5	
24.30 207 20 255	3	34	50	81	48	25	0	NW	55	K	10	5	NW	88	82					3	
25.30 097 20 965	5	52	51	08	40	31	5 2	N	0	K	5	K	7	NW	84	74					5
26.30 615 20 265	7	45	54	—	38	27	0	N	5 2	K	10	N	10	N	86	73					3
27.30 319 20 443	8	47	60	94	25	34	2 0	N	5 2	K	8	K	7	W	74	67					3
28.30 455 20 998	7	45	50	75	44	33	0	S	2 0	K	7	W	8	W	80	80					3
29.30 274 20 273	4	37	47	85	32	30	0	NW	0	K	10	K	5	S	84	85					5
30.30 231 20 225	2	37	40	95	40	38	5 2	NW	9 6	K	0	K	5	NW	67	79					30
1																					
Mean Press	Mean	M.V. Tem.	Mean.	Mean	Mean	Mean	Mean	Mean Force	Mean for Month.	Mean	TL.	TL.	TL.								
29 928	4 33	44-75	65 56	53 92	32 80			51.1b.	6 53	76	1-25	46	119								
Greatest do	Max		Max.	Max	Max	Max	Max	Greatest Force	Prev. Character,												Mean
30 478	9 00		107 00	60 00	30 50			5 21.1b.	K											4 0	
Least do.	Min.		Min.	Min	Min			Least Force.													
29 345	1 00		54 00	47 00	28 00			0													

The Meteorological form brought into use at the beginning of 1876 differs in some respects from the former one. It has been adapted with the view of assimilating the Hobart Town results more closely with those of stations in Europe, America, &c. 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 92 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 morning at 7 30 a.m.

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

FRANCIS ABBOTT, F.R.S., &c.

Time of leafing, flowering, fruiting &c. of a few standard plants in the Botanic Garden, Hobart Town, during the month of June, 1879.

16th.—Mathews aurantiaca leaves falling.

20th.—Common privet leaves shedding.

25th.—*Calycanthus precox* in flower.

30th.—*Iris alata* in flower.

25th.—*Crocus verus* in flower.

30th.—Black mulberry leaves all absc.

F. ABBOTT, J.C.M., Superintendent.