

METEOROLOGY FOR JUNE, 1878.
PRIVATE OBSERVATORY, HOBART TOWN.
 Latitude 42° 52' 13" S.; Longitude 9h. 49m. 29.2s. E.
 (Registered for the Royal Society of Tasmania.)

Day of Month.	Bar. corrected for temperature instrumental error, and to mean sea level.		Thermometers (Reading.)		Thermometers (Self-Registering.)		Relative Humidity.					
	7:30 a.m.	4:30 p.m.	Centigrade, 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.	7:30 a.m.	4:30 p.m.		
1	30	31	5	41	5	45	46	65	55	36	92	79
2	31	29	4	40	50	71	54	54	34	84	84	74
3	31	14	6	43	50	90	90	55	37	73	86	86
4	30	2	4	39	49	86	46	31	92	79	79	79
5	30	20	4	39	45	89	57	31	92	84	84	84
6	24	22	1	32	45	94	50	28	97	86	86	86
7	29	69	1	34	45	64	48	31	93	86	86	86
8	23	630	1.5	35	47	87	57	30	91	100	100	100
9	39	614	5	42	51	92	56	34	84	86	86	86
10	29	683	2	35	54	89	54	30	83	80	80	80
11	29	518	2	33	44	87	51	28	63	86	86	86
12	29	221	1.5	35	47	56	49	29	78	79	79	79
13	23	223	4	40	48	65	56	31	84	94	94	94
14	27	70	8	47	45	53	52	39	97	93	93	93
15	29	914	1	41	47	75	54	31	92	79	79	79
16	29	908	2	32	47	87	51	28	89	86	86	86
17	29	883	4.5	40	47	64	56	34	92	79	79	79
18	26	210	2.5	37	48	63	52	32	83	93	93	93
19	29	540	8	47	53	—	56	36	100	100	100	100
20	30	030	9.5	54	54	—	53	37	100	93	93	93
21	30	183	3	38	46	—	44	32	91	70	70	70
22	30	210	3.5	38	49	—	44	32	91	82	82	82
23	30	207	3	30	41	83	52	33	84	85	85	85
24	30	124	4.5	33	43	91	53	32	92	89	89	89
25	30	140	1	29	43	91	54	34	96	73	73	73
26	30	682	2.5	37	49	90	55	36.5	91	61	61	61
27	29	974	2	36	49	90	59	34	91	63	63	63
28	29	459	7	45	50	74	53	37	73	68	68	68
29	29	656	9	49	54	92	58	40	74	70	70	70
30	29	546	10	51	54	62	57	38	74	64	64	64

Character.	Clouds.		Wind.		Rain in Inches.	Evap. Spon.	Ozone. Chron. Scale.			
	Amount.	Character.	7:30 a.m.	4:30 p.m.						
KN	5	N	10	SW	0	S	2.60	.10	6	
KN	9	K	4	S	0	W	0	0	9	
KN	9	K	4	N	.52	—	.26	.01	9	
K	5	KS	6	SW	0	N	0	0	8	
K	10	K	2	NW	0	N	0	0	4	
K	6	K	8	NW	0	N	0	0	6	
K	6	K	7	NW	0	N	0	0	4.5	
K	5	K	5	NW	0	NW	0	0	4	
K	7	K	7	NW	0	NW	0	0	3	
K	3	0	0	SW	0	W	0	.01	12	4
K	7	N	10	NW	0	NW	0	0	4	
K	7	K	10	NW	0	N	0	0	5	
K	6.5	K	10	NW	0	N	0	.02	6	
N	10	KN	10	SW	2.60	S	2.60	.73	10	
N	10	K	7	S	0	NW	0	.26	.33	10
K	5	KS	7	SW	0	NW	0	0	5	
KN	10	KN	10	NW	0	NW	0	.03	8	
KN	10	KN	10	NW	0	S	0	.20	4	
N	10	N	10	S	.52	S	.26	.83	10	
N	10	N	11	S	.52	S	.52	1.30	10	
K	10	KN	10	W	0	S	0	.25	10	
K	10	KN	10	SW	0	NW	0	.26	12	7
K	10	K	8	NW	0	N	0	.02	6	
KN	8	K	7	NW	0	SW	.52	.02	6	
K	3	K	4	SW	0	SW	.52	—	4.5	
K	4	K	4	SW	0	NW	0	0	5	
K	3	K	3	S	0	NW	.52	0	6	
K	8	K	7.5	NW	2.60	N	.52	—	4.5	
K	5	K	10	NW	.52	NW	.52	.06	6	
K	10	K	10	N	2.60	NW	2.60	—	.45	6

Time of leafing, flowering and fruiting of a few standard plants in the Botanic Gardens during the month of June, 1878.

15th. — *Maclaura aurantiaca* leaves shedding.
Iris alata in full flower.
 20th. — *Prickly* leaves shedding.
 25th. — *Lachenalia rosea* commencing to flower.
Crocus vernus, ditto.
 30th. — Black mulberry leaves all shed.

F. ABBOTT, JUN., Superintendent.

Results of observations taken at New Norfolk for June, 1878, in accordance with new forms, at 7:35 a.m. and 4:35 p.m.:—
 Barometer.—Mean of two daily registers, corrected and reduced, 29.951.
 Thermometer.—Mean of two ditto, 40.87 deg.
 Mean of max. and min. in shade, 41.62 deg.
 Dew Point.—Mean position of two ditto, 37.36 deg.
 Elastic Force of Vapour.—Mean of two ditto, .222.
 Humidity of Air.—Mean of two ditto, .89.
 Solar Intensity.—Mean of max. temperature, 94.24 deg.
 Terrestrial Radiation.—Mean of min. temperature, 23.07 deg.
 Rainfall—1.70 inches, in excess of evaporation .79 inches.
 Evaporation—91 inch.
 Clouds.—Mean amount of two daily registers, 6.88.
 Ozone.—Mean amount of two daily registers, 7.44.
 W. E. SHOEBRIDGE, Bushy Park.

Mean for Month.	Mean Force	TL.	TL.	TL.
5.70	30 lb.	3.96	1.45	190.5
Prev. Character,	Greatest Force			Mean
K	2.60 lb.			6.35
	Least Force.			
	0			