

METEOROLOGY FOR DECEMBER, 1879.

PRIVATE OBSERVATORY, HOBART TOWN.
 Latitude 42° 53' 13" S.; Longitude 166° 49m. 20 Sec. E.
 (Registered for the Royal Society of Tasmania.)
 BAROMETER AND THERMOMETER.

Day of Month	Bar. corrected for temperature, instrumental error, and to mean sea level		Thermometers (Reading.)		Thermometers (Self-Registering.)		Wind.		Clouds.		Relative Humidity Per cent.	Rain in Inches	Spun. Exp.	Chron. Scale					
	7 30 a.m.	4 30 p.m.	Castroville, 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.	Direction from.	Force in lbs. per square foot.	Direction from.	Force in lbs. per square foot.	Character.	Amount.					
1	29.42	29.55	10	61	62	119	72	49	S	0	NW	0	KN	10	7	57	62	15	5
2	29.18	29.74	10	59	65	115	68	39	NW	20	NW	62	K	7	7	83	88	15	3
3	29.67	29.89	15	59	67	118	69	39	N	0	N	2	KN	10	10	71	86	10	4
4	29.64	29.98	11	58	67	119	67	40	N	0	N	0	K	10	10	71	83	10	4
5	29.78	29.83	11	52	62	75	64	40	NE	0	NE	10	KN	10	10	81	81	11	11
6	29.76	29.77	15	59	67	112	69	41	NE	0	N	82	K	7	7	70	70	15	5
7	29.72	29.27	15	58	66	111	71	43	SW	12	N	0	K	10	10	71	87	15	5
8	29.13	29.67	15	56	64	125	70	39	S	32	N	33	KN	10	10	87	82	10	4
9	29.21	29.73	18	64	69	116	72	41	S	63	N	32	K	5	5	94	77	10	0
10	29.24	29.66	13	59	61	110	65	51	NE	6	NW	32	KN	10	10	87	82	10	0
11	29.82	29.83	11	58	62	110	65	39	S	32	NW	62	K	7	7	71	72	10	0
12	29.14	29.61	14	58	62	110	65	39	SW	22	S	62	K	10	10	71	72	10	0
13	29.67	29.53	7	64	110	10	39	NE	10	8	SE	62	KN	10	10	71	72	10	0
14	29.67	29.67	14	59	69	115	72	41	S	26	S	62	K	5	5	68	60	10	0
15	29.67	29.67	15	60	118	74	43	E	20	8	N	20	K	10	10	81	73	10	0
16	29.11	29.94	15	59	65	123	76	19	N	26	S	26	K	10	10	81	73	10	0
17	29.67	29.67	20	68	77	120	82	49	N	52	S	26	K	10	10	81	73	10	0
18	29.67	29.67	21	71	79	126	74	44	NW	8	NW	2	K	10	10	81	73	10	0
19	29.67	29.67	22	62	68	120	74	43	W	1	W	2	K	10	10	81	73	10	0
20	29.67	29.67	23	61	67	121	69	43	W	2	W	2	K	10	10	81	73	10	0
21	29.67	29.67	24	61	67	121	69	43	W	2	W	2	K	10	10	81	73	10	0
22	29.67	29.67	25	61	67	121	69	43	W	2	W	2	K	10	10	81	73	10	0
23	29.67	29.67	26	61	67	121	69	43	W	2	W	2	K	10	10	81	73	10	0
24	29.67	29.67	27	61	67	121	69	43	W	2	W	2	K	10	10	81	73	10	0
25	29.67	29.67	28	61	67	121	69	43	W	2	W	2	K	10	10	81	73	10	0
26	29.67	29.67	29	61	67	121	69	43	W	2	W	2	K	10	10	81	73	10	0
27	29.67	29.67	30	61	67	121	69	43	W	2	W	2	K	10	10	81	73	10	0
28	29.67	29.67	31	61	67	121	69	43	W	2	W	2	K	10	10	81	73	10	0
29	29.67	29.67	32	61	67	121	69	43	W	2	W	2	K	10	10	81	73	10	0
30	29.67	29.67	33	61	67	121	69	43	W	2	W	2	K	10	10	81	73	10	0
31	29.67	29.67	34	61	67	121	69	43	W	2	W	2	K	10	10	81	73	10	0

Of the 16 observations on atmospheric electricity, there were 4 positive and 21 negative indications, with 6 nils. Total force being 395.
 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 62 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.

FRANCIS ADDOTT, F.R.A.S., etc.