

# METEOROLOGY FOR OCTOBER, 1874

PRIVATE OBSERVATORY, HOBART TOWN.  
Latitude 42° 53' 13" S. : Longitude 69. 40m. 23.2s E.  
(Registered for the Royal Society of Tasmania.)

Day of Month	Bar. corrected for temperature, and to mean sea level	Thermometers (Reading.)		Thermometers (Self-Registering.)		Wind.		Clouds.		Relative Humidity. Per cent.	Rain in Inches.	Spec. Evap.	Globe. Scale.
		Centigrade.	Fahrenheit.	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.			
7.30 a.m.	2.30 p.m.	Centigrade.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	4.30 p.m.	7.30 a.m.	4.30 p.m.	7.30 a.m.	7.30 a.m.	7.30 a.m.	7.30 a.m.
1	59.95	59.97	40	51	110	29	SE	0	SE	26	10	47	63
2	59.95	59.94	11	52	27	100	SE	26	NW	26	10	47	63
3	59.97	59.92	12	55	59	101	SE	26	SE	26	10	47	63
4	59.92	59.91	12	54	61	114	SE	46	NW	52	10	47	63
5	59.93	59.92	13	56	68	106	SE	46	NW	52	10	47	63
6	59.92	59.97	15	60	66	59	74	SE	NW	52	10	47	63
7	59.97	59.92	19	65	58	70	39	NW	SE	52	10	47	63
8	59.95	59.90	8	47	65	105	08	38	NW	52	10	47	63
9	59.91	59.92	11	52	66	118	69	40	SE	52	10	47	63
10	59.92	59.92	14	58	59	116	65	44	NW	0	W	52	63
11	59.94	59.93	9	49	47	90	00	39	NW	0	SE	52	63
12	59.91	59.97	9	49	52	110	58	39	S	0	SE	52	63
13	59.91	59.97	12	55	61	112	67	40	SE	52	10	47	63
14	59.94	59.97	13	56	65	110	65	30	N	0	S	0	63
15	59.95	59.95	13	56	63	129	65	40	NW	52	10	47	63
16	59.92	59.94	16	61	72	122	80	41	NW	52	10	47	63
17	59.97	59.94	15	59	71	125	75	44	NW	0	NW	26	63
18	59.93	59.92	15	60	62	139	71	43	S	0	SE	52	63
19	59.95	59.93	11	52	55	63	41	SE	0	SE	26	10	47
20	59.95	59.97	11	52	53	70	65	44	NW	52	10	47	63
21	59.94	59.97	15	60	65	125	70	40	NW	52	10	47	63
22	59.95	59.94	20	68	70	125	73	44	N	52	10	47	63
23	59.97	59.95	18	65	80	110	72	44	NW	52	10	47	63
24	59.91	59.95	13	56	69	135	70	40	N	52	10	47	63
25	59.95	59.97	12	55	60	134	65	30	SE	52	10	47	63
26	59.91	59.92	13	56	66	125	71	40	NW	52	10	47	63
27	59.95	59.98	13	56	62	119	66	40	N	52	10	47	63
28	59.91	59.95	14	58	65	115	73	41	NW	52	10	47	63
29	59.93	59.90	10	50	63	132	68	39	NW	52	10	47	63
30	59.95	59.91	13	56	54	119	65	44	W	52	10	47	63
31	59.91	59.92	12	56	62	139	65	44	NW	52	10	47	63
Mean Press		Mean M.	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
7.30 a.m.		12.08	58.00	109.20				0.73 lb.		7			
Greatest 50		Max			Max.	Max		Greatest Force		Prev. Character.			
20.171		20.00			132.00			2.00 lb.		K			
Least 50.		Min.			Min.	Min.	Min	Least Force.					
20.325		8.00			63.00			0					

Of the 31 observations on atmospheric electricity, there was height of 02 feet above sea level, and its force in lbs. per sq. in. positive and 6 negative indications, with 3 mls. square foot.  
The total force being 1,022.  
The mean is in all cases taken from the sums of the 21 winds is registered each morning at 7.30 a.m.  
The direction of the wind is registered from currents at 2

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