

RESULTS OF METEOROLOGICAL OBSERVATIONS TAKEN AT HOBART TOWN DURING 1876.

PRIVATE OBSERVATORY.

Latitude 42° 52' 13" South.

Longitude 9h. 49m. 29.2s East.

Height above Sea Level, 67 Feet.

Months.	Barometer	Thermometers Reading ¹ .		Thermometers (Self-registering).			Relative Humidity per cent. Men of two daily Observations.	Clouds (scale 0-10).		Wind (lbs. per square foot).			Total Rain in inches. Amount.	Spontaneous Evaporation Total Amount.	Ozone. Chromatic Scale, Mean.
	Mean of two daily Readings.	Centigrade Mean of one daily Readings.	Fah. Mean of two daily Readings.	Mean of Highest in Sun.	Mean of Highest in Shade.	Mean of Lowest on Grass.		Mean Amount for Month.	Prevailing Character.	Prevailing Direction.	Mean Force for Month.	Max. Force.			
	In.										lbs.				
January.....	29.921	...	66.05	104.95	78.85	51.45	.74	6.00	...	SE	.34	2.60	.63	3.44	4.30
February.....	29.811	12.66	60.92	103.88	73.52	48.53	.73	6.21	K, KN	SE, S	1.02	10.42	.54	6.11	4.33
March.....	29.913	12.30	60.34	103.45	74.77	48.30	.75	6.31	K, KN	NW, S, SE	.42	5.21	1.21	3.46	4.63
April.....	29.816	8.35	52.23	88.66	65.08	42.12	.77	7.29	K, KN	W, NW, SW	.45	5.21	1.82	3.05	5.47
May.....	29.998	6.50	48.13	81.13	60.45	36.18	.82	6.09	K	NW, SW	.55	20.00	.83	1.24	4.87
June.....	29.868	6.00	46.89	71.23	56.65	35.63	.89	6.00	K, KN, KS	NW W	1.10	36.04	2.23	3.27	5.27
July.....	30.062	5.40	46.35	70.68	55.42	32.50	.80	6.20	K, KS	NW	.76	5.21	2.93	.91	5.00
August.....	29.930	6.76	49.46	78.79	60.24	32.60	.80	6.67	K, KN, KS	NW, W	.99	5.21	1.94	2.42	4.76
September.....	29.751	8.55	52.30	80.60	64.43	36.65	.72	6.35	K, KS	W	.92	5.21	2.14	2.81	4.95
October.....	29.829	10.60	55.50	85.00	66.74	37.71	.77	7.31	K, KN	S, W, NW	1.15	20.83	3.34	3.97	5.90
November.....	29.685	11.32	56.75	84.33	65.50	42.42	.74	7.38	K, KN	W	.96	5.21	4.36	5.07	5.10
December.....	29.773	13.80	62.26	101.06	75.69	43.76	.67	6.07	K	W	1.22	5.21	1.56	4.93	4.08
Sum	358.357	102.54	657.18	1053.81	797.34	487.85	9.20	77.83			9.83		23.63	40.68	58.71
Mean for Year...	29.863	9.32	54.76	87.82	66.45	40.65	.77	6.49	K, KN	NW. W	.82		1.97	3.39	4.89

* Mean for 11 months.

The Meteorological form brought into use at the beginning of 1876 differs in some respects from the former one. It has been adopted with the view of assimilating 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 92 feet above the 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 ABBOTT, F.R.A.S., &c.