

RESULTS of METEOROLOGICAL OBSERVATIONS taken at HOBART TOWN during the Year 1878.

PRIVATE OBSERVATORY.

Latitude, 42° 52' 13" S.

Height above sea level, 67 feet.

Longitude 9h. 49m. 29.2s. E.

Months.	Barometer.		Thermometers (Reading.)		Thermometers (Self-registering.)			Clouds (Scale, 0-10).		Wind (lbs. per square foot.)			Rain in Inches. Total Amount.	Spontaneous evaporation. Total amount.	Ozone. Chromatic Scale.
	Mean of two daily readings.	Centigrade Mean of two daily readings.	Fahrenheit Mean of two daily readings.	Mean of highest in Sun.	Mean of highest in Shade.	Mean of lowest on Grass.	Relative humidity per cent. Mean of two daily observations.	Mean amount for month.	Prevailing Character.	Prevailing Direction.	Mean force for Month.	Maximum force.			
January	29.097	13.84	63.07	105.50	75.58	38.60	.69	5.10	K	S. E., S., N. W.	1.12	10.42	.25	5.49	3.80
February	30.036	13.71	62.64	101.14	77.00	38.45	.75	6.73	K	N. W., N., S.	.67	5.21	4.51	3.20	4.30
March	29.752	12.71	60.83	104.41	74.10	42.37	.72	6.50	K	N. W., N.	.75	5.21	.51	3.49	3.80
April	29.857	10.40	55.90	85.53	67.63	36.00	.80	6.47	K	N. W.	.38	2.60	1.07	.95	5.10
May	29.938	7.35	48.83	80.10	53.78	35.00	.78	6.80	K & KN	N. W.	1.52	20.83	1.72	2.20	5.42
June	29.854	4.03	43.85	73.60	53.33	33.10	.85	5.70	K	N. W.	.30	2.60	3.96	1.45	6.35
July	29.785	7.20	43.86	71.50	56.04	36.20	.82	7.00	K	N. W.	.62	5.21	4.96	.80	5.00
August	29.660	8.84	51.00	81.00	58.40	36.65	.76	7.30	K	N. W., N. W.,	1.62	10.12	3.47	0.	6.33
September	29.810	10.22	54.32	82.33	63.00	37.00	.74	6.78	K	N. W.	.81	5.21	2.39	1.97	5.60
October	29.628	11.50	54.90	90.00	69.71	37.23	.70	7.20	K	N. W.	1.51	10.42	1.56	2.95	5.60
November	29.664	13.55	59.53	95.53	67.70	39.00	.72	6.72	K	N. W.	1.92	10.42	2.86	3.30	6.00
December	29.673	14.10	61.37	101.17	70.90	37.39	.67	7.35	K	N. W., W.	1.34	5.21	2.00	2.46	4.67
Sum	357.654	127.45	680.30	1076.81	789.77	446.99	900	79.65			12.56	93.46	29.96	23.26	62.79
Mean for Year...	29.804	10.32	55.02	89.73	65.81	37.25	.75	6.64	K	N. W.	1.50	7.79	2.50	2.35	5.23

At Hobart Town the Observations are taken twice daily, viz., at 7.30 a.m., and 4.30 p.m.

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.

FRANCIS ABBOTT, Observer.