

# Abstract of Meteorological Data for Hobarton taken at the Observatory

## for 1841.

1841	Thermometers											Barometer				Wind		Rain Clouds		Remarks. Weather etc.						
	Register				Dry Wet	Wet below the	Diurnal Range			Dew-Point		Nearest approach of the hourly means to the monthly	Degree of humidity -	Elasticity of vapour	Tension or gaseous Pressure	Corrected to 32° Fahrenheit	Nearest approach of the hourly means.	Extreme Readings for every month			Prevailing Direction	Average Force for a Month	in amount	Remarks. Weather etc.		
	Mean	Maximum	Minimum	Highest			Lowest	Average	Highest	Lowest	Mean							Wet	Inches						Day, hour	
																			Reading							Reading
January	80.80	55.31	95.5	50.0	65.41	58.26	9.2	25.5	35.5	49.58	15.83	8am 62.44 7pm 65.05	56	.340	29.385	29.725	29.730 11 " .722 7pm .711	30.167 29.304	38° 10pm 13° 5 "	SE. 2 p.m. NW	4 3	0.03	4	Sea-b. strong on 11. mod on 6 days. NW winds strong on 4 days equally on 7. 11. 12. 13. 14. 20. 21. 28. 29. a gale 17. Hot & of prod. during fresh NW. on 17. 18. 24. 25. 27. NW. 4 times. After calm from 10 p.m. to 5 p.m. heavy dew. 13. 20. prevailing wind mod. frequent light N. gales. Sea-b. strong on 7. mod. on 10 days. NW. 2 days. on 4 days with squalls S.W. from S. 27. SE. 16. Heavy rain 2, 3, 17. 25. 27. 29. generally 9 p.m. coming from N. or N. 2 p.m. frequent rain.		
February	78.33	54.01	91.6	47.5	62.60	56.41	6.2	24.3	44.0	53.83	8.77	8am 61.19 7pm 61.93	67	.374	.427	.801	8.06 8.03 52pm .801	30.227 29.273	15° 8am 25° noon	SE. 2 p.m. NW	3 2	3.10	6	Sea-b. strong on 3. mod. on 13 days. NW. 2 days. on 4 days with squalls S.W. from S. 27. SE. 16. Heavy rain 2, 3, 17, 25. 27. 29. generally 9 p.m. coming from N. or N. 2 p.m. frequent rain.		
March	74.33	52.18	89.0	43.2	61.45	55.69	5.8	22.2	32.0	52.83	8.62	9am 61.68 7pm 61.50	69	.370	.602	.972	9.83 9.70	30.402 29.412	22° 10pm 25° 11 "	S & SE N & E	3 2	0.33	4	Sea-b. strong on 3. mod. on 13 days. NW. 2 days. on 4 days with squalls S.W. from S. 27. SE. 16. Heavy rain 2, 3, 17, 25. 27. 29. generally 9 p.m. coming from N. or N. 2 p.m. frequent rain.		
April	63.15	44.93	78.5	37.0	52.84	48.95	3.9	18.2	28.0	46.00	2.95	9am 51.55 10pm 51.75	76	.300	.438	.738	7.48 7.36 3am .745	30.346 28.931	28° 9am 6° 2 p.m.	N & NW	3	1.11	6	Sea-b. strong on 19. Heavy rain 8. on the last 3 of the month. NW. 2 days. on 4 days with squalls S.W. from S. 27. SE. 16. Heavy rain 2, 3, 17, 25. 27. 29. generally 9 p.m. coming from N. or N. 2 p.m. frequent rain.		
May	59.02	43.91	77.5	35.0	49.41	46.21	3.2	15.1	30.0	44.63	4.78	9am 48.26 7pm 48.29	78	.272	.652	.924	9.14 9.26 52pm .923	30.375 29.041	21° 7am 28° 3 "	NW	2	0.53	6	Sea-b. strong on 2 days. NW. 2 days. on 4 days with squalls S.W. from S. 27. SE. 16. Heavy rain 2, 3, 17, 25. 27. 29. generally 9 p.m. coming from N. or N. 2 p.m. frequent rain.		
June	57.13	40.53	62.0	33.6	46.21	44.31	1.9	13.6	25.8	42.46	3.75	10am 46.79 7pm 46.30	85	.270	.643	.913	9.14 9.19 7pm .916	30.418 29.280	9° 10am 22° 11pm	NW	2	1.23	5	Sea-b. strong on 5 days. NW. 2 days. on 4 days with squalls S.W. from S. 27. SE. 16. Heavy rain 2, 3, 17, 25. 27. 29. generally 9 p.m. coming from N. or N. 2 p.m. frequent rain.		
July	50.38	35.82	57.2	30.5	42.57	40.97	1.8	14.6	18.5	38.71	3.86	10am 42.92 7pm 42.90	84	.230	.675	30.005	9.99 9.03 52pm .000	30.460 29.470	22° 9pm 11° 3 "	NW	3	1.01	4	Sea-b. strong on 2 days. NW. 2 days. on 4 days with squalls S.W. from S. 27. SE. 16. Heavy rain 2, 3, 17, 25. 27. 29. generally 9 p.m. coming from N. or N. 2 p.m. frequent rain.		
August	55.60	40.02	62.0	33.0	46.67	43.68	3.0	15.6	25.7	40.56	6.11	9am 46.08 7pm 46.22	80	.249	.633	29.882	9.880 9.79 52pm .881	30.399 29.037	8° midday 26° 5 p.m.	S & NW	3	1.32	5	Sea-b. strong on 3 days. NW. 2 days. on 4 days with squalls S.W. from S. 27. SE. 16. Heavy rain 2, 3, 17, 25. 27. 29. generally 9 p.m. coming from N. or N. 2 p.m. frequent rain.		
September	60.94	40.94	76.0	30.0	49.32	45.14	4.2	19.9	33.0	41.49	7.83	9am 50.04 7pm 49.30	71	.246	.549	.795	7.89 7.83	30.286 28.926	6° 9am 9° 2 p.m.	SE & NW	3	0.82	6	Sea-b. strong on 10 days. NW. 2 days. on 4 days with squalls S.W. from S. 27. SE. 16. Heavy rain 2, 3, 17, 25. 27. 29. generally 9 p.m. coming from N. or N. 2 p.m. frequent rain.		
October	65.98	48.87	80.5	36.6	54.08	49.09	5.0	17.1	32.5	44.58	9.60	8am 53.14 7pm 53.68	70	.285	.550	.835	8.32 8.27 4am .836	30.381 29.208	13° 9am 27° 3 "	SE & NW	2	2.41	4	Sea-b. strong on 2. mod. on 9 days. NW. 2 days. on 4 days with squalls S.W. from S. 27. SE. 16. Heavy rain 2, 3, 17, 25. 27. 29. generally 9 p.m. coming from N. or N. 2 p.m. frequent rain.		
November	70.38	49.57	83.5	43.8	59.02	52.08	7.0	20.8	32.5	46.43	12.60	8am 57.88 7pm 60.30	62	.304	.323	.627	6.31 6.32 4am .646	30.054 29.053	3° 8pm 38° 11am	SE & NW	2	1.75	6	Sea-b. strong on 3. mod. on 6 days. NW. 2 days. on 4 days with squalls S.W. from S. 27. SE. 16. Heavy rain 2, 3, 17, 25. 27. 29. generally 9 p.m. coming from N. or N. 2 p.m. frequent rain.		
December	71.94	50.25	88.8	41.5	60.07	51.71	8.4	21.7	36.4	44.95	15.12	8am 61.08 7pm 60.20	56	.283	.456	.739	7.37 7.41 4am .736	30.239 28.835	9° 7am 21° 7 "	SE & NW	3	0.31	5	Sea-b. strong on 8. mod. on 5 days. NW. 2 days. on 4 days with squalls S.W. from S. 27. SE. 16. Heavy rain 2, 3, 17, 25. 27. 29. generally 9 p.m. coming from N. or N. 2 p.m. frequent rain.		
Means for the year	65.41	56.36		36.2	54.14	49.21		19.0		45.50			71	294	29.528	29.830						13.95		Total	13.95	mod. - very little rain -



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January. Sea breeze strong on eleven<sup>11</sup>, moderate on six<sup>6</sup> days. North West winds strong on four<sup>4</sup> days and squally on seventh<sup>7<sup>th</sup></sup>, very heavy. Eleventh (very strong), twelfth (very strong), nineteenth, twentieth, twenty-sixth (very heavy), and twenty-ninth, and a gale Eleventh - Hot and oppressive (during fresh North West winds) seventh<sup>7<sup>th</sup></sup> and eighth<sup>8<sup>th</sup></sup>. Set North East four times; often calm from 10 p.m. to 5 a.m. Heavy dew Thirteenth - prevailing wind moderate. Frequent nightly calms. Dry weather.

February. Sea breeze strong on seven, moderate on ten days. North West winds strong on four days, and with squalls on the eighth and from South twenty-seventh, South East fourteenth. Heavy rain second, third, seventeenth, twenty-sixth and twenty-eleventh; calms generally from 9 p.m. to midnight and often on to 9 a.m. prevailing Wind moderate and light - Frequent rains.

March. Sea breeze strong on three, moderate on thirteen days. North West wind strong on three days, and squally, first (very heavy) and twentieth (very heavy) (heavy for ten minutes) twenty-third, (very strong), and twenty-fifth (very strong); a hot gale on twenty-third - Hot and oppressive (with fresh North West Wind) nineteenth. Heavy rain on the eighth. In the last third of the month winds settle North inclining East. Calms from p.m. to midnight. Heavy dew Eleventh, fifteenth and twenty-eighth. prevailing winds moderate and light. Few showers.

April. South East winds on five days moderate. North West Winds strong on four days, squally on first (very heavy), seventh, eighth (very strong), ninth, tenth, seventeenth, (very heavy), nineteenth (very heavy), twentieth (very heavy), and twenty-first, and gales first, seventh, and twentieth. heavy rains first, seventh, and thirteenth (sudden and violent fall). Dew fourth and fourteenth (heavy). winds variable, set South West from sixth to ninth, Calms nearly constant from twenty-second to twenty-fourth. prevailing winds fresh and moderate. many showers and drizzle.

May. South East winds moderate on two days. North West Winds strong on five days and squally tenth, eleventh, and thirteenth, and heavy rain twenty-eighth. lightning third. Dew (heavy) sixteenth, seventeenth, twenty-first, twenty-fourth. Fog twenty-fourth, twenty-fifth (thick). Calms nearly constant twenty-fourth to twenty-fifth and frequent at other times - prevailing winds moderate and light, passing showers at times.

June. South East winds moderate on five days. North West winds strong on five days and squally twenty-first (very strong), twenty-second (very heavy), twenty-sixth (very strong). South West winds and squalls twenty-first, and heavy rains twenty-first and thirtieth. Dew (heavy), second, third, sixteenth, twenty-fourth and thirtieth. Fog fourth, fifteenth (thick). frequent calms at all hours. prevailing wind generally light. Moderate rain and drizzle.



- July South East winds moderate on two days - North West winds strong on nine days, squally seventh, eighth, twelfth, fourteenth, seventeenth and a gale twenty-fourth - South West winds strong fifteenth (showery) twentieth, twenty-fourth, occasional snow squalls twenty-sixth - Hoar frost first, twenty-eighth (hard) - Dew, heavy, first, second, fifth, eighteenth - Fog, fourth, fifth (thick), seventh, eighth, twenty-ninth - Many calms and at all hours - prevailing winds moderate and light - frequent showers in squalls -
- August South East winds moderate on three days. North West winds strong on thirteen days and squally on Eleventh, twelfth, sixteenth, eighteenth, nineteenth, twentieth (very strong) twenty-first, twenty-third, twenty-fourth (very strong), twenty-fifth (very heavy) twenty-seventh, and heavy rain twenty-fourth twenty-eighth; lightning thirty-first - South West winds strong fourth, fifth (very strong), sixth (very heavy), seventh, sixteenth - Hail shower (heavy) fifth and showers nineteenth - Snow showers twenty-eighth - calms occasionally and at all hours. South West in first parts. North West generally, moderate, but many short squalls - frequent rains on squally days -
- September Sea breeze moderate on ten days. North West winds strong on seven days and squally on second, sixth (very heavy), sixteenth, thirtieth (very strong), and a gale eleventh (very strong) - South West and squally, thirteenth, heavy rains fourteenth - Hot and oppressive (with fresh North West wind) fifteenth and (in a calm) twenty-fourth - Lightning on first. Hard frost, snow, heavy (some hours) thirteenth - Dew, heavy, ninth, twenty-seventh, twenty-ninth - Fog twenty-sixth - Many nights calms - prevailing wind moderate. occasional showers -
- October Sea breeze strong on two, moderate on nine days - North West winds strong on seven days and squally fourth, fifth, sixth (very strong), seventh, eighth (very heavy), ninth, twenty-seventh (very heavy), twenty-eighth, twenty-ninth & gales sixth, eighth, twenty-ninth, and heavy rain second, twenty-fifth - South West winds strong fourth and twenty-first (rainy) & heavy rain second, eighth, twenty-fifth - Hot and oppressive (with fresh North West wind) twentieth, and (in calms) twenty-seventh, twenty-eighth - Thunder storms (heavy) twenty-eighth - Heavy dew, eleventh, thirteenth, fourteenth, twenty-sixth - Nightly calms in the first and middle parts of October. South East winds prevailed with strong North West winds, frequent rains -
- November Sea breeze strong on three, moderate on six days - North West winds strong on five days, squally on second (very strong), twelfth, thirteenth (very <sup>heavy</sup> strong) ~~very heavy~~ seventeenth, eighteenth, nineteenth, twenty-second, twenty-fifth (very strong), twenty-sixth, twenty-ninth and hot gales ninth (hot), sixteenth (hot and very strong), eighteenth (very heavy), and heavy rain on second, sixth, twelfth; South West winds strong twelfth, twenty-ninth - and heavy rain twentieth - hot and oppressive (with fresh North West wind) ninth, sixteenth and (in calms) second, fifteenth, twentieth - Many long nights calms. South East wind in first and last parts of the month. North West winds prevailing but moderate, many short squalls, and frequent rains in squalls -
- December Sea breeze strong on eight, moderate on seven days - North West winds strong on six days - Squalls on second, sixteenth, seventeenth, eighteenth, twenty-second, thirtieth, a hot gale on sixteenth and heavy rain seventeenth and eighteenth - South West winds set on eighteenth - Hot and oppressive (with fresh North West wind) sixteenth - South East winds from fourth to fifteenth, long nights calms succeeding, and North West winds to twenty-fifth and moderate - very little rain -