

(No. 45.)



1892.

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PARLIAMENT OF TASMANIA.

---

METEOROLOGICAL DEPARTMENT:

REPORT FOR 1891.

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Presented to both Houses of Parliament by His Excellency's Command.



REPORT of the Meteorological Observer for the Year 1891.

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SIR,

I HAVE the honor to place before you the Annual Report of the Meteorological Department for the year 1891, with Tables of Observations and Results.

Observers have attended to their duties with regularity and care.

Owing to the protracted illness and subsequent death of Captain Shortt, R.N., the Report has been delayed, but it is now as far as possible complete.

I have the honor to be,

Sir,

Your obedient Servant,

H. C. KINGSMILL, *Meteorological Observer.*

*The Hon. the Chief Secretary.*

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PHENOMENA, 1891.

**JANUARY.**—*Hobart.*—Northerly gale on the 12th, thunder in afternoon; rain on the 31st, 1·05 in.; temperature, 2·26 deg. below the average.

*South Bruni.*—Thunder on the 12th; hailstorms on the 21st and 27th; rain on the 21st, 1·05 in.

*Carnarvon.*—Rain on the 21st, 1·56 in.; 22nd, 1·50 in.

*Apslawn.*—Rain on the 17th, 1·40 in.

*Glenora.*—Rain on the 5th, 1·81 in.; 31st, 1·35 in.

*Victoria Valley.*—Sharp frost on the 14th.

*Dog's Head (Lake Sorell).*—Thunder and lightning on the 5th, 12th, and 16th; N.W. gale on the 27th.

*Avoca.*—Thunderstorm on the 18th.

*Killymoon (Fingal).*—Very cloudy weather throughout the month, strong winds, and cool for the time of year; rain on the 19th, 1·21 in.

*St. Helen's.*—Rain on the 17th, 1·40 in.; 21st, 1·15 in.

*Falmouth.*—Prevailing winds, N.E., N.W., and South; rain on the 17th, 1·94 in.

*Mathinna.*—Thunder and lightning for 12 hours on the 18th; rain on the 18th, 1·30 in.

*Scottsdale.*—Thunder on the 4th, 13th, and 18th.

*Gould's Country.*—Rain on 18th, 1·75 in.; 21st, 0·94 in.

*Low Head.*—Prevailing winds, N.N.W., W., and E.N.E.

*Launceston.*—Thunderstorms on the 13th and 18th; hail on the 13th.

*Castra.*—Rain on the 31st, 2·02 in.

*Waratah.*—Prevailing winds, North and South; rain on the 4th, 1·06 in.; 27th, 1·45 in.

*Circular Head.*—Prevailing winds, W.S.W., East, and N.N.E.; thunder on the 4th and 8th; lightning on the 12th; fierce squalls from W.S.W. on the 27th; rain on the 31st, 0·92 in., from S.E.

*Corinna.*—Prevailing winds, N.N.W., S.W., and S.E.; thunderstorm on the 4th; rain on the 4th, 1·30 in.

**FEBRUARY.**—*Hobart.*—Northerly gale on the 9th, lightning at night; thunder and vivid lightning on the 14th; N.W. gale on the 17th; light fall of snow on Mount Wellington on the 22nd; on 5 days the maximum temperature in the shade was below 58 degrees.

*South Bruni.*—S.W. gale on the 27th.

*Apslawn.*—Rain on the 22nd, 1·04 in.

*Hamilton.*—Severe frost on the 23rd.

*Victoria Valley*.—Sharp frosts on the 21st, 22nd, and 23rd; thunder and lightning on the 4th.  
*Dog's Head (Lake Sorell)*.—Thunder and lightning on the 9th and 16th; heavy bush fires all around during the month; water in the lake low at end of the month.  
*Oatlands*.—Prevailing winds, North and W.S.W.  
*Avoca*.—Thunder on the 14th; hail on the 23rd.  
*Ormley (Avoca)*.—Thunder on the 1st; snowing on the mountains on the 23rd.  
*Falmouth*.—Prevailing winds, N.N.W. and S.S.E.  
*Mathinna*.—Heavy thunder and lightning on the 1st.  
*Gould's Country*.—Rain on the 23rd, 1·33 in.  
*Moorina*.—Severe frosts on the 27th.  
*Low Head*.—Prevailing winds, N.E., W., and S.E.  
*Launceston*.—Prevailing winds, N.N.W. and South.  
*Latrobe*.—Bush fires raging latter part of month, country burnt up for miles; no feed.  
*East Deronport*.—On the 28th ice in places  $\frac{1}{4}$  of an inch thick, showing the severity of the frost; water-pipes were blocked up, and the potatoes suffered considerably.  
*Castra*.—Sharp frosts on the 23rd, 24th, 25th, and 27th, doing great damage to the crops of potatoes.  
*Waratah*.—Prevailing winds N.N.W. and South; hail on the 23rd; frost on the 28th.  
*Circular Head*.—Prevailing winds, W.S.W., E.S.E., and N.E.; thunder on the 9th and 15th; fierce westerly squalls on the 15th and 18th; severe frosts in the Forest night of 27th.  
*Corinna*.—Prevailing winds, W.N.W. and South.

MARCH.—*South Bruni*.—Westerly gales on the 18th and 19th; rain on the 31st, 0·85 in.  
*Victoria Valley*.—Lightning on the 9th: 4 sharp frosts.  
*Dog's Head (Lake Sorell)*.—Thunderstorm on the 30th; 9 frosts.  
*Avoca*.—Several hot days; 4 frosts.  
*Killymoon (Fingal)*.—Very dry and hot throughout.  
*Mathinna*.—Rain fell only on the 30th, 1·50 in.  
*Gould's Country*.—Rain fell only on the 30th and 31st, 1·50 in. and 0·29 in.  
*Scottsdale*.—Rain on the 29th, 2·50 in.; 30th, 1·30 in.  
*Branaholm*.—Rain on the 29th, 2·53 in.; 30th, 1·29 in.  
*Launceston*.—Thunderstorm on the 30th. A meteor of great brilliancy was observed at 9·45 p.m. on the 12th, travelling in a northerly direction.  
*Castra*.—Thunderstorm on the 30th, from noon to 1 p.m.; rain on the 29th, 1·09 in.; 30th, 0·93 in.  
*Waratah*.—Thunderstorm on the 30th; rain on the 29th, 1·23 in.; 30th, 0·79 in.; 31st, 0·90 in.  
*Circular Head*.—Thunder and lightning on the 9th and 30th; very brilliant meteor in the west, 4 a.m. on the 21st.  
*Corinna*.—Thunderstorm on the 30th; rain on the 30th, 0·98 in.  
*Reminé*.—Thunder on the 30th; rain on the 31st, 1·01 in.  
*Zeehan*.—Rain on the 29th, 1·20 in.; 30th, 0·90 in.; 31st, 1·10 in.

The mean temperature for March in Tasmania was above the average. At Hobart, 4·3 deg.; Launceston, 3·6 deg.; Waratah, 3·9 deg.; Oatlands, 3·4 deg.; Low Head, 2·3 deg.; Southport and Circular Head, 2 deg.; and equal at Falmouth and Corinna.

Rainfall slight, excepting Zeehan. Rain falling generally only on the last two or three days of the month.

APRIL.—*South Bruni*.—Stormy on 6th from N.W.; 7th, from south.  
*Franklin*.—Rain on the 21st, 1·51 in.  
*Springs (Mount Wellington)*.—Snowing on the 7th, 23rd, and 24th, 4 and 6 inches deep on the latter days; rain on the 21st, 1·12 in.; 7 frosts.  
*Victoria Valley*.—Thunder and lightning on the 22nd; snowing on the 23rd; 13 frosts.  
*Dog's Head (Lake Sorell)*.—Snowing on the 23rd and 24th, 4 in. deep; 10 frosts.  
*Avoca*.—Four frosts and 2 fogs.  
*Killymoon (Fingal)*.—Foggy and frosty latter part of month.  
*St. Helen's*.—Rain on the 20th, 0·73 in.; 21st, 1·13 in.  
*Falmouth*.—Rain on the 19th, 0·86 in.; 20th, 0·53 in.; 21st, 1·18 in.; wind southerly.  
*Launceston*.—Fine weather during the month, with little rain.  
*Castra*.—Prevailing wind, S.W.; 6 frosts.  
*Circular Head*.—S.W. gale on the 7th; lunar halo on the 20th.  
*Corinna*.—Rain on the 11th, 1·02 in.; hail on the 23rd; 5 fogs.  
*Reminé*.—Rain on the 11th, 1·05 in.; 12th, 1·01 in.; thunder on the 24th.

MAY.—*Southport*.—Thick fog on the 21st.  
*Franklin*.—Rain on the 7th, 1·37 in.  
*Springs (Mount Wellington)*.—Snowing on the 8th; 11 frosts.  
*Richmond*.—Rain on the 7th, 1·46 in.  
*Swansea*.—Rain on the 7th, 1·68 in.; 8th, 1·33 in.  
*Apslawn*.—Rain on the 7th, 1·19 in.; 8th, 1·23 in.  
*Bagdad*.—Rain on the 6th, 1·12 in.; 7th, 0·99 in.  
*Dog's Head (Lake Sorell)*.—Snowing on the 6th and 7th; on the 7th, snow 6 in. deep; rain on the 28th, 1·92 in.; 5 frosts.  
*Ross*.—Rain on the 7th, 1·17 in.; 8th, 1·37 in.  
*Campbell Town*.—Rain on the 7th, 1·39 in.; 8th, 1·86 in.; 30th, 1·25 in.; hailstorm on the 17th.  
*Lake Leake*.—Rain on the 7th, 1·85 in.; 8th, 0·84 in.

*Oatlands*.—Rain on the 7th, 1·21 in. ; 3 fogs.  
*Avoca*.—Rain on the 7th, 1·42 in. ; 28th, 1·03 in. ; 10 frosts and 5 fogs.  
*Ormley (Avoca)*.—Nine frosts and 8 fogs ; snowing on the hills on the 7th.  
*Fingal*.—Rain on the 7th, 0·81 in. ; 8th, 1·56 in.  
*Falmouth*.—Rain on the 8th, 1·28 in.  
*Launceston*.—3 frosts and 6 fogs.  
*Low Head*.—*Aurora Australis* on the 15th in the S.W. ; thick fog on the 27th.  
*Latrobe*.—Heavy gale from N.W. on the 16th and 17th.  
*Castra*.—Rain on the 29th, 1·10 in. ; 5 frosts.  
*Waratah*.—Rain on the 17th, 1·11 in. ; snowing on the 17th ; 2 fogs and 1 frost.  
*Circular Head*.—Thunder on the 5th ; N.W. gale on the 16th.  
*Corinna*.—Thunder, 1·15 A.M. on the 17th ; 6 frosts and 7 fogs.  
*Reminé*.—Rain on the 17th, 1·51 in. ; 30th, 1·49 in. ; 3 frosts.

JUNE.—*Springs (Mount Wellington)*.—11 frosts ; rain on the 28th, 1·03 in.  
*Carnarvon*.—Frosts on the 7th, 8th, and 9th.  
*Eagle Hawk Neck*.—Rain fell on 27 days to the amount of 4·79 in.  
*Victoria Valley*.—5 frosts and 2 fogs.  
*Dog's Head (Lake Sorell)*.—14 frosts ; 3 fogs ; rain on the 12th, 1·32 in. ; 28th, 1·70 in. ; N.E. gale on the 27th and 28th.  
*Lake Leake*.—Rain on the 12th, 1·82 in. ; 13th, 3·35 in. ; 14th, 1·35 in. ; 28th, 2·26 in. ; and for the month, 11·66 in.  
*Avoca*.—7 frosts and 7 fogs ; South Esk very high on the 15th.  
*Ormley (Avoca)*.—10 frosts and 4 fogs.  
*Killymoon (Fingal)*.—Rain on the 13th, 1·02 in. ; 14th, 1·95 in. ; 15th, 1·45 in. ; 29th, 1·02 in. ; floods on the 15th and 29th.  
*Harefield (St. Mary's)*.—Rain on the 13th, 1·60 in. ; 14th, 1·80 in. ; 15th, 2·10 in. ; 27th, 1·10 in. ; 28th, 0·90 in. ; 29th, 1·72 in.  
*Gould's Country*.—Rain on the 13th, 1·29 in. ; 14th, 1·58 in. ; 15th, 1·61 in. ; 29th, 1·31 in.  
*Branacheln*.—Rain on the 13th, 1·01 in. ; 14th, 1·29 in.  
*Launceston*.—6 frosts and 5 fogs.  
*Low Head*.—2 frosts and 3 fogs ; dense fog on the 29th.  
*Castra*.—13 frosts.  
*Emu Bay*.—10 frosts.  
*Waratah*.—4 frosts ; rainfall for month only one inch.  
*Circular Head*.—3 frosts ; easterly gale on the 11th and 27th ; rain on the 11th, 1·65 in. ; 28th, 1·95 in. ; easterly wind on 16 days.  
*Corinna*.—10 frosts and 17 fogs.  
*Swansea*.—Slight earth tremor, 4h. 35m. P.M., on the 26th.

JULY.—*Southport*.—Lightning on the 8th ; 9 frosts ; rain on the 11th, 1·57 in.  
*Springs (Mount Wellington)*.—Rain on the 11th, 1·55 in. ; 12th, 2·20 in. ; snow on 29th, 2 inches deep ; 13 frosts.  
*Botanical Gardens (Hobart)*.—Rain on the 11th, 1·65 in.  
*Richmond*.—Rain on the 11th, 1·85 in.  
*Cambridge*.—Rain on the 11th, 1·55 in.  
*Kellevie*.—Rain on the 12th, 4·28 in.  
*Carnarvon*.—Thunderstorms on the 9th and 10th ; rain on the 9th, ·84 in. ; 10th, 1·37 in. ; 12th, 2·36 in. ; 3 frosts.  
*Swansea*.—Rain on the 8th, 4·23 in. ; 11th, 2·31 in. ; 12th, 1·64 in.  
*Apslunn*.—Rain on the 11th, 2·95 in.  
*New Norfolk*.—Rain on the 11th, 1·34 in.  
*Bagdad*.—Rain on the 11th, 2·04 in.  
*Bothwell*.—Rain on the 11th, 2·07 in.  
*Victoria Valley*.—Snowing on the 6th ; 17 frosts ; rain on the 11th, 1·80 in.  
*Dog's Head (Lake Sorell)*.—Rain on the 11th, 3·87 in. ; Mount Falkiner, on the 27th, covered with snow ; water in Lake very high.  
*Campbell Town*.—Thunderstorm on the 10th ; rain on the 12th, 1·20 in.  
*Oatlands*.—Rain on the 11th, 1·93 in. ; 2 fogs.  
*Lake Leake*.—Rain on the 11th, 4·35 in. ; 12th, 1·39 in.  
*Avoca*.—Rain on the 11th, 1·95 in. ; South Esk River flooded on the 11th and 12th ; 7 fogs and 4 frosts.  
*Ormley (Avoca)*.—Weather mild during the month, rains warm and frosts light ; rain on the 11th, 2·39 in. ; 12th, 0·82 in. ; 9 fogs and 10 frosts.  
*Fingal*.—Rain on the 11th, 3·25 in.  
*Killymoon (Fingal)*.—Rain on the 11th, 5·95 in. ; 12th, 0·82 in. ; thunderstorm on the 9th.  
*St. Helen's*.—Earth tremor, 8·25 P.M. on the 2nd, and 3·30 P.M. on the 4th, accompanied by rumbling sounds, duration 10 and 5 seconds respectively ; solar halo 3·30 P.M. on the 4th ; severe thunderstorm night of the 8th, with violent squalls of wind and rain from S.S.W.  
*Falmouth*.—Thunder, hail, and heavy rain on the 8th ; rain on the 9th, 0·94 in. ; 11th, 2·14 in. ; sharp frost on the 30th.  
*Mathinna*.—Rain on the 11th, 5 in. ; 12th, 1 in.  
*Gould's Country*.—Rain on the 11th, 4·63 in. ; 12th, 1·06 in. ; heavy thunderstorm night of 8th.  
*Scottsdale*.—Rain on the 5th, 1·00 in. ; 11th, 1·65 in.

*Branchholm*.—Rain on the 11th, 2·09 in.  
*Launceston*.—10 frosts and 6 fogs; dense fog on the 20th.  
*Low Head*.—Frost on the 30th; 6 fogs.  
*Deloraine*.—Rain on the 11th, 1·17 in.  
*Latrobe*.—Rain on the 11th, 1·27 in.  
*Port Sorell*.—Rain on the 9th, 0·80 in.; 11th, 0·86 in.; cold and frosty latter part of the month.  
*Castra*.—Thunder and hail on the 9th; rain on the 11th, 1·39 in.; 14 frosts.  
*Burnie*.—Rain on the 11th, 0·94 in.; 4 frosts.  
*Waratah*.—Rain on the 5th, 0·95 in.; 9th, 1·19 in.; 11th, 1·00 in.; 5 frosts and 2 fogs.  
*Circular Head*.—Rainfall for the month was greater than at Waratah and other places on the West Coast; on the 4th, 1·29 in.; 5th, 1·70 in.; 6th, 2·72 in.; 11th, 1·01 in.; thunder on the 5th, 23rd, and 24th, lightning on the 6th, 8th, and 23rd; hail on the 9th and 23rd; dense fog on the 20th; lunar halos on the 10th and 23rd; 2 frosts.  
*Corinna*.—Rain on the 1st, 1·72 in.; 10 frosts and 5 fogs.

AUGUST.—*Southport*.—Hail on the 19th; N.W. gale on the 22nd.  
*Franklin*.—Rain on the 18th, 1·29 in.; snowing on the hills on the 19th.  
*Springs (Mount Wellington)*.—Snowing on the 18th and 19th; 15 in. deep on the 19th; 12 frosts.  
*Victoria Valley*.—Snow 6 in. deep on the 19th; 21 frosts.  
*Dog's Head (Lake Sorell)*.—Snowing 18th and 19th; Mount Franklin covered with snow on the 26th; 14 frosts and 4 fogs.  
*Oatlands*.—Snowing on the 19th; 3 fogs.  
*Ormley (Avoca)*.—Stormy from S.W. on the 12th, with snow and rain; snowing on the hills on the 17th and 18th; 3 frosts and 4 fogs; weather very mild, with occasional warm showers.  
*Launceston*.—Sharp frost on the 2nd; heavy squalls from north on the 22nd.  
*Low Head*.—Dense fog on the 6th.  
*Latrobe*.—Heaviest fall of snow for years on the 19th; S.W. gale on the 19th.  
*Castra*.—7 frosts.  
*Emu Bay*.—5 frosts; S.W. gale on the 19th.  
*Waratah*.—Snowing on the 18th; 3 fogs; rain on the 22nd, 1·44 in.  
*Circular Head*.—Thunder and hail on the 8th; Thunder and lightning 8 p.m. on the 22nd.  
*Corinna*.—Stormy from S.W. on the 19th, with thunder and lightning; 5 fogs and 3 frosts.

SEPTEMBER.—*Southport*.—S.W. gale with hail showers on the 24th.  
*Franklin*.—Rain on the 23rd, 0·82 in.; 2 frosts.  
*Springs (Mount Wellington)*.—Snowing on the 10th, 23rd, and 24th.  
*Cambridge*.—Sharp frosts on the 24th, 25th, and 26th.  
*Carnarvon*.—Hail on the 20th, 24th, and 25th; sharp frost on the 26th.  
*Ouse*.—Rain on the 17th, 0·95 in.  
*Dog's Head (Lake Sorell)*.—Snowing 14th and 19th; Mount Franklin covered with snow on the 20th; thunder and lightning on the 24th; 4 fogs and 20 frosts.  
*Ormley (Avoca)*.—Snowing on the mountains 10th and 23rd; 3 frosts.  
*Killymoon (Fingal)*.—Sharp frosts and foggy nights latter part of the month.  
*Scottsdale*.—Thunder, 3 to 4·30 a.m. on the 2nd.  
*Launceston*.—Thunder and lightning on the 1st; lightning on the 2nd; 5 frosts.  
*Low Head*.—Thunderstorm night of 2nd.  
*Port Sorell*.—N.W. gale on the 4th; 4 frosts.  
*Castra*.—Thunder and lightning 2 a.m. on the 2nd; snowing on the 10th; 8 frosts.  
*Burnie*.—Hail on the 2nd and 9th; hard frost on the 10th.  
*Waratah*.—Heavy thunderstorm midnight of 1st; heavy fall of snow on the 9th and 10th.  
*Circular Head*.—Thunder on the 2nd and 10th; lightning on the 2nd, 3rd, and 9th; lunar halos on the 14th and 16th; dew nights from 17th to 22nd; dense fog on the 30th.  
*Maatsuyker*.—N.W. gales and squally weather from the 4th to the 14th.

OCTOBER.—*South Bruni*.—Hail on the 13th and 17th.  
*Springs (Mount Wellington)*.—Snowing on the 3rd, 13th, 14th, 15th, and 17th.  
*Cambridge*.—Rain on the 8th, 1·25 in.  
*Carnarvon*.—Rain on the 8th, 2·30 in.  
*Eagle Hawk Neck*.—Rain on the 8th, 3·50 in.  
*Victoria Valley*.—13 frosts; snowing on the 17th, 19th, and 20th, 3 and 4 inches deep.  
*Dog's Head (Lake Sorell)*.—Thunder on the 3rd, 12th, 26th, and 27th; hail on the 12th; snowing on the 13th and 17th.  
*Oatlands*.—Hail and thunderstorm on the 12th; snowing on the 17th and 20th.  
*Lake Leake*.—Rain on the 8th, 2·11 in.  
*Fingal*.—Rain on the 8th, 3·56 in.  
*Killymoon (Fingal)*.—Rain on the 8th, 3·40 in.; frosts beginning of month.  
*St. Helen's*.—Rain on the 8th, 2·21 in.; 29th, 1·05 in.  
*Mathinna*.—Rain on the 8th, 2·85 in.  
*Low Head*.—Rain on the 2nd, 1·36 in.; gales from the N. W. on the 16th and 30th.  
*Launceston*.—Rain on the 2nd, 1 in.; sharp frost on the 21st; thunderstorm on the 31st.  
*Longford*.—Rainfall for month large for this District, 5·46 in.  
*Deloraine*.—Rain on the 2nd, 1·98 in.; 27th, 1·31 in.; hail and thunderstorm on the 27th.  
*Latrobe*.—Rain on the 2nd, 1·27 in.; 11th, 1·35 in.; 30th, 0·90 in.; N. W. gale on the 30th.

*Castra*.—Rain on the 11th, 1·70 in. ; 5 frosts.

*Waratah*.—Rain on the 2nd, 0·99 in. ; 10th, 1·30 in. ; 31st, 1·10 in. ; snowing on the 3rd, 17th, and 19th.

*Circular Head*.—Hail on the 3rd, 17th, and 31st ; thunder on the 10th ; lightning on the 10th and 16th ; frost on the 21st ; fierce squalls from S.W. on the 17th.

*Corinna*.—Thunderstorm on the 10th ; 3 frosts ; rain on the 16th, 1·12 in. ; 31st, 0·98 in.

NOVEMBER.—*South Bruni*.—Westerly gale on the 7th.

*Springs (Mount Wellington)*.—Snow and hail on the 29th ; rain on the 11th, 1 in. ; 19th, 2 in.

*Kellevie*.—Rain on the 11th, 1·76 in. ; 19th, 2 in.

*Carnarvon*.—Rain on the 11th, 1·38 in. ; 19th, 1·57 in. ; hail on the 27th.

*Swansea*.—Rain on the 11th, 1·83 in. ; 19th, 1·31 in.

*Apslawn*.—Rain on the 11th, 0·75 in. ; 19th, 2 in.

*Killymoon (Fingal)*.—Heavy thunder and lightning on the 26th.

*Falmouth*.—Thunderstorm on the 26th.

*Gould's Country*.—Rain on the 11th, 2·58 in. ; 19th, 1·11 in.

*Blue Tier*.—Rain on the 10th, 2·76 in. ; 11th, 1·04 in. ; 19th, 2·25 in. ; very heavy thunder and lightning on the 26th.

*Launceston*.—Thunderstorm, with vivid lightning, on the 4th, 10th, and 26th.

*Castra*.—Rain on the 10th, 1·28 in. ; 3 frosts.

*Emu Bay*.—Strong N.E. gale on the 9th and 10th, and from south on the 11th ; rain on the 10th, 1·14 in.

*Circular Head*.—Easterly gale on the 9th.

DECEMBER.—*South Bruni*.—Rain on the 5th, 1·40 in. ; 12th, 1·50 in.

*Southport*.—Rain on the 5th, 1·75 in. ; 12th, 1·80 in.

*Franklin*.—Rain on the 5th, 2·15 in. ; 12th, 1·50 in.

*Mount Nelson*.—Thunder on the 10th.

*Cambridge*.—Rain on the 5th, 2·87 in. ; 12th, 0·80 in.

*Sorell*.—Rain on the 5th, 3·60 in.

*Kellevie*.—Rain on the 5th, 4·06 in. ; 12th, 1·10 in.

*Apslawn*.—Rain on the 5th, 3·10 in. ; 12th, 0·94 in.

*New Norfolk*.—Rain on the 5th, 1·25 in. ; 12th, 1·19 in.

*Bagdad*.—Rain on the 5th, 2·06 in. ; 12th, 0·88 in.

*Bothwell*.—Rain on the 5th, 2·06 in.

*Dog's Head (Lake Sorell)*.—Thunder on the 5th, 8th, 10th, and 29th ; hail on the 29th ; N.W. gale, 12th and 14th ; rain on the 5th, 2·79 in. ; 12th, 1·23 in. ; 14th, 1·44 in.

*Oatlands*.—Rain on the 5th, 1·58 in. ; 12th, 0·89 in.

*Campbell Town*.—Rain on the 5th, 2·46 in. ; 12th, 1·24 in. ; 14th, 1·57 in.

*Avoca*.—Rain on the 5th, 1·62 in. ; 12th, 1·43 in.

*St. Helen's*.—Rain on the 5th, 2·97 in. ; 12th, 0·98 in.

*Falmouth*.—Rain on the 5th, 1·54 in. ; 6th, 1·20 in. ; thunder on the 10th and 31st.

*Launceston*.—Rain on the 5th, 1·84 in. ; 12th, 1·39 in. ; 14th, 0·84 in. ; 15th, 0·84 in. ; hail on the 31st.

*Longford*.—Rain on the 5th, 1·85 in. ; 12th, 1·23 in. ; 14th, 1·00 in. ; 15th, 1·02 in.

*Latrobe*.—Rain on the 12th, 1·80 in. ; 14th, 1·65 in.

*Custra*.—Rain on the 11th, 1·25 in. ; 12th, 1·33 in. ; 14th, 1·92 in.

*Waratah*.—Rain on the 5th, 1·50 in. ; 14th, 1·20 in. ; 24th, 0·90 in.

*Circular Head*.—Thunder on the 9th, 13th, 14th, and 16th ; lightning on the 5th, 10th, and 14th ; hail on the 14th ; Aurora Australis on the 7th.

*Corinna*.—Thunder on the 10th and 14th.

*Zeehan*.—Rain on the 5th, 1·18 in. ; 12th, 1·10 in. ; 18th, 1·02 in. ; hail on the 25th.

*Strahan*.—Rain on the 5th, 0·95 in. ; 16th, 1·80 in.

TABLE NO. 1.

## SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT HOBART FOR 1891.

Latitude, 42° 53' 28·3" S. : Longitude, 147° 19' 45" E. Height of Observatory above Sea Level, 160 feet. Barometer corrected to 32° deg. Fahrenheit, and reduced to Sea Level.

YEAR.	BAROMETER.	THERMOMETER IN SHADE.						RADIATION.		HUMIDITY.			RAIN.		PREVAILING WINDS.		CLOUDS.
		Maximum.	Mean Maximum.	Minimum.	Mean Minimum.	Mean Diurnal Range.	Mean Temperature of Month.	Solar Max.	Terrestrial Min.	Dew Point.	Pressure of Vapour.	Humidity.	Total Fall.	No. of days Rain fell.	Direction.	Force.	
<b>1891.</b>	<i>Mean.</i>																
	Inches.	°	°	°	°	°	°	°	°	°			Inches.				
January .....	29·758	87·2	70·3	44·2	50·7	19·6	60·5	144·0	38·0	52·0	·387	0·73	3·53	16	N.N.W., W.S.W. & S.E.	(0-12) 2·6	(0-10.) 6·8
February .....	29·873	91·0	68·55	42·7	51·22	17·3	59·5	143·0	37·5	49·4	·353	0·67	0·75	12	N.W. & S.S.E.	2·6	6·1
March .....	29·984	97·5	73·3	45·0	52·5	20·8	62·9	142·0	37·8	51·0	·374	0·62	0·96	7	N.N.W., W.S.W., & S.E.	2·2	5·3
April .....	30·117	72·0	61·0	38·2	46·2	14·8	61·0	127·0	31·0	46·9	·322	0·76	1·28	14	N.N.W., W.S.W., & S.S.E.	2·0	6·4
May .....	30·169	71·5	59·5	36·3	44·5	15·0	52·0	121·0	31·7	46·1	·312	0·79	2·04	10	N.N.W. & S.	2·0	6·7
June .....	30·090	58·8	53·2	33·2	42·5	10·7	47·9	108·0	27·8	45·6	·306	0·91	1·42	17	N.N.W., S.S.W., & S.S.E.	1·6	6·4
July .....	30·013	58·7	53·2	34·0	39·6	13·6	46·4	114·0	26·3	43·1	·278	0·87	2·61	12	N.N.W. & S.	1·8	6·0
August .....	29·984	65·7	57·64	34·8	41·43	16·2	49·5	120·0	27·0	44·3	·291	0·80	1·48	12	N.N.W. & S.	2·2	5·7
September .....	29·981	79·5	60·5	35·2	41·84	18·9	51·3	127·0	26·7	43·7	·285	0·73	0·40	14	N.W. & S.	2·5	5·2
October .....	29·797	84·0	62·5	34·0	44·74	17·4	53·5	140·0	25·2	46·5	·317	0·75	2·80	19	N.N.W., W.S.W., & S.E.	2·5	7·0
November .....	29·899	88·5	64·1	38·7	46·34	17·6	55·2	138·0	29·8	45·1	·301	0·65	1·94	9	N.W., N.N.E., & S.	3·0	6·9
December .....	29·651	84·0	66·3	45·2	50·56	15·7	58·4	142·0	35·0	49·4	·354	0·69	4·04	18	N.W., S.W., & E.S.E.	3·0	7·2
MEAN AND TOTALS ..	29·943	..	62·5	..	46·0	16·5	54·3	..	..	46·9	·323	0·75	23·25	160	N.N.W. & S.	2·3	6·3
EXTREMES .....	..	Mar. 7 97·5	..	June 9 33·2	..	..	..	Jan. 8 144	Oct. 14 25·2								

TABLE No. 2.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT LAUNCESTON FOR 1891.

Latitude, 41° 26' 1" S. Longitude, 147° 7' 49.5" E. Height of Observatory above sea level, 25 feet. Barometer corrected to 32° Fahrenheit, and reduced to sea level.

YEAR 1891.	BARO-METER.	THERMOMETER IN THE SHADE.						RADIATION.		HUMIDITY.			RAIN.		PREVAILING WINDS.		CLOUDS.
	Mean.	Maxi-mum.	Mean Maxi-mum.	Mini-mum.	Mean Mini-mum.	Mean Diurnal Range.	Mean Temper-ature of Month.	Solar Maxi-mum.	Terres-trial Mini-mum.	Dew Point.	Pressure of Vapour.	Hu-midity.	Total Fall.	No. of Days Rain fell.	Direction.	Force.	Amount.
January .....	Inches. 29.820	87.3	74.6	39.0	49.9	24.7	62.25	141	35	56.6	.460	.76	Inches. 2.16	14	N. & S.	(0-12.) 2.4	(0-10.) 5.0
February .....	29.926	90.0	75.7	38.7	48.0	27.7	61.85	140	30	57.0	.466	.77	0.28	4	N.N.W., & S.	2.5	3.0
March .....	30.031	91.5	78.2	38.0	49.1	29.1	63.6	135	31	58.1	.484	.76	1.37	4	N.N.W.	1.8	2.7
April .....	30.160	76.5	66.96	30.3	43.2	23.76	55.0	122	28	52.1	.390	.84	0.50	8	N.N.W. & S.	1.8	3.5
May .....	30.227	69.0	61.1	31.5	40.4	20.7	50.75	114	27.8	49.3	.352	.90	3.43	11	N. & S.	1.2	5.0
June .....	30.085	65.2	55.2	26.4	38.6	16.6	46.9	110	24	44.7	.296	.86	0.50	4	N.W. & S.	1.6	5.0
July .....	30.035	62.8	56.8	27.2	36.6	20.2	46.7	106	24.5	42.7	.274	.83	2.75	11	N.N.W. & S.	2.0	3.9
August .....	30.054	62.5	58.2	30.0	38.6	19.6	48.4	114	27	45.2	.302	.83	1.63	10	N. & S.S.W.	2.0	4.4
September .....	30.038	73.8	62.0	31.0	40.3	21.7	51.15	124	28	49.7	.357	.87	2.40	10	N. & S.	2.0	3.7
October .....	29.874	74.3	65.0	30.5	42.3	22.7	53.65	131	29.5	51.6	.382	.85	5.06	15	N. & S.	2.6	4.3
November .....	29.888	82.0	69.8	34.5	45.7	24.1	57.75	134	31.5	55.0	.435	.79	1.12	8	N. & S.	2.3	3.4
December .....	29.721	71.0	82.0	49.5	49.5	32.5	60.7	140.5	37.5	58.6	.493	.88	5.95	11	N.N.W. & S.	2.6	4.3
MEAN .....	29.988	..	67.13	..	43.5	23.61	54.89	..	..	51.7	.391	.83	27.15	110	N.N.W. & S.	2.1	4.01
EXTREMES .....	..	Mar. 7 91.5	..	June 8 26.4	..	..	..	Jan. 30. 141	June 8 24	..	..	..	..	..	..	..	..



TABLE No. 3.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT DIFFERENT STATIONS FOR THE YEAR 1891.

Latitude, 42° 53' 28·3" S.: Longitude, 147° 19' 45" E. Height of Observatory above Sea Level, 160 feet. Barometer corrected to 32° Fahrenheit, and reduced to Sea Level.

STATIONS.	BAROMETER.	THERMOMETER, IN THE SHADE.						RADIATION.		HUMIDITY, MEAN.			RAIN.		PREVAILING WINDS.		CLOUDS.
	Mean.	Maximum.	Mean Maximum.	Minimum.	Mean Minimum.	Mean Diurnal Range.	Mean Temperature of Year.	Solar Max.	Terrestrial Min.	Dew Point.	Pressure of Vapour.	Humidity.	Total Fall.	No. of days Rain fell.	Direction.	Force.	Amount.
	Inches.	°	°	°	°	°	°	°	°	°	°	°	Inches.			(0-12)	(0-10)
Southport.....	29·987	93·0	61·0	30·0	42·7	18·3	51·8	...	...	51·4	·394	·87	37·57	168	N. W. & S.	2·7	5·5
Hobart.....	29·943	97·5	62·5	33·2	46·0	16·5	54·25	144	25·2	46·9	·323	·75	23·25	160	N. N. W., W. S. W., & S. S. E.	2·3	6·3
Outlands.....	29·970	90·0	61·9	20·0	39·0	22·9	50·2	...	...	40·8	·256	·70	21·34	84	N. N. W. & S. W.	1·9	5·6
Falmouth.....	29·993	91·0	62·7	29·0	42·9	19·8	52·9	...	...	46·8	·325	·73	30·71	92	N. W., S., & E.	2·5	4·4
Launceston.....	29·988	91·5	67·1	26·4	43·5	23·6	54·9	141	24·0	51·7	·391	·83	27·15	110	N. N. W. & S.	2·1	4·0
Low Head.....	30·056	79·0	63·9	23·0	45·7	18·2	54·7	...	...	49·5	·359	·78	23·13	114	N., W., & S. E.	2·9	4·3
Circular Head.....	30·017	78·0	61·0	35·5	48·0	13·0	54·9	...	...	46·8	·322	·74	32·10	156	N., E., & S. W.	3·1	5·4
Corinna.....	30·004	91·0	61·1	26·0	42·6	18·5	51·9	...	...	...	...	...	55·80	171	N. W. & S. S. W.	2·0	6·4
Waratah.....	29·935	85·0	58·1	27·0	40·0	18·1	49·8	...	...	47·4	·330	·87	59·97	133	N. & S.	2·4	6·4

TABLE No. 4.

MAXIMUM PRESSURE OF AIR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1891.

MONTHS.	SOUTHPORT. (South.)	HOBART. (South.)	OUTLANDS. (Central.)	FALMOUTH. (East.)	LAUNCESTON. (North.)	LOW HEAD. (North.)	CIRCULAR HEAD. (North West.)	CORINNA. (West.)	WARATAH. (North-West.)
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
January.....	30·415	30·336	30·321	30·492	30·384	30·402	30·356	30·325	30·249
February.....	30·248	30·210	30·238	30·271	30·268	30·289	30·268	30·246	30·226
March.....	30·442	30·423	30·423	30·441	30·430	30·451	30·430	30·410	30·351
April.....	30·516	30·476	30·442	30·483	30·495	30·508	30·489	30·508	30·366
May.....	30·603	30·520	30·532	30·565	30·543	30·555	30·527	30·542	30·415
June.....	30·607	30·570	30·548	30·589	30·553	30·556	30·538	30·554	30·404
July.....	30·505	30·482	30·427	30·453	30·449	30·446	30·445	30·426	30·316
August.....	30·450	30·401	30·402	30·460	30·443	30·498	30·475	30·432	30·309
September.....	30·508	30·540	30·503	30·561	30·594	30·686	30·564	30·567	30·388
October.....	30·321	30·275	30·318	30·342	30·360	30·433	30·361	30·416	30·276
November.....	30·316	30·271	30·223	30·394	30·285	30·365	30·319	30·307	30·201
December.....	30·154	30·150	30·166	30·171	30·163	30·284	30·252	30·191	29·126
MAXIMUM.....	30·607	30·570	30·548	30·589	30·594	30·686	30·564	30·567	30·415

TABLE No. 5.

MINIMUM PRESSURE OF AIR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1891.

MONTHS.	SOUTHPORT.	HOBART.	OATLANDS.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	CIRCULAR HEAD.	CORINNA.	WARATAH.
	20 ft. above sea level South.	160 ft. above sea level. South.	1337 ft. above sea level. Central.	30 ft. above sea level. East.	25 ft. above sea level. North.	25 ft. above sea level. North.	64 ft. above sea level. North West.	15 ft. above sea level. West.	2000 ft. above sea level. North west.
January .....	Inches 29-049	Inches. 29-045	Inches. 29-120	Inches. 29-149	Inches. 29-226	Inches. 29-304	Inches. 29-271	Inches. 29-222	Inches. 29-250
February .....	29-309	29-324	29-569	29-474	29-507	29-568	29-552	29-563	29-610
March .....	29-663	29-622	29-663	29-610	29-669	29-713	29-716	29-705	29-670
April .....	29-653	29-648	29-720	29-693	29-737	29-765	29-767	29-647	29-775
May .....	29-473	29-554	29-594	29-645	29-557	29-690	29-625	29-630	29-651
June .....	29-736	29-605	29-633	29-618	29-582	29-606	29-575	29-566	29-501
July .....	29-090	29-094	29-241	29-260	29-272	29-338	29-254	29-257	29-230
August .....	29-349	29-320	29-390	29-400	29-461	29-452	29-447	29-364	29-325
September .....	29-305	29-261	29-312	29-316	29-378	29-418	29-241	29-384	29-320
October .....	28-830	28-908	28-945	29-031	28-920	...	29-065	29-011	28-990
November .....	29-150	29-220	29-287	29-351	29-385	29-460	29-475	29-591	29-400
December .....	28-909	28-960	29-025	29-091	29-150	29-217	29-213	29-121	29-029
MINIMUM .....	28-830	28-908	28-945	29-031	28-920	29-217	29-065	29-011	28-990

TABLE No. 6.

BAROMETRIC RESULTS.

MEAN PRESSURE OF AIR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1891.

MONTH.	SOUTHPORT.	HOBART.	OATLANDS.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	CIRCULAR HEAD.	CORINNA.	WARATAH.
January .....	Inches. 29-803	Inches. 29-758	Inches. 29-802	Inches. 29-828	Inches. 29-820	Inches. 29-880	Inches. 29-862	Inches. 29-826	Inches. 29-803
February .....	29-936	29-873	29-905	29-933	29-926	29-986	29-979	29-947	29-918
March .....	30-013	29-984	30-007	30-033	30-031	30-081	29-975	30-061	29-989
April .....	30-151	30-117	30-122	30-147	30-160	30-197	30-198	30-183	30-097
May .....	30-211	30-169	30-204	30-235	30-227	30-272	30-252	30-219	30-145
June .....	30-146	30-090	30-092	30-099	30-085	30-106	30-082	30-088	30-001
July .....	30-048	30-013	30-021	30-045	30-035	30-093	30-054	30-061	29-966
August .....	30-043	29-984	30-021	30-036	30-054	30-120	30-081	30-036	29-974
September .....	29-986	29-981	29-981	30-023	30-038	30-140	30-068	30-033	29-946
October .....	29-865	29-797	29-834	29-874	29-874	29-969	29-895	29-867	29-785
November .....	29-639	29-899	29-941	29-941	29-888	30-028	29-986	29-980	29-901
December .....	29-704	29-651	29-713	29-714	29-721	29-808	29-769	29-744	29-690
MEAN .....	29-987	29-943	29-970	29-992	29-998	30-058	30-017	30-004	29-934

TABLE No. 7.

## THERMOMETRIC RESULTS.

MAXIMUM TEMPERATURE OF AIR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1891.

MONTHS.	SOUTHPORT.	HOBART.	OATLANDS.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	CIRCULAR HEAD.	CORINNA.	WARATAH.
January .....	83·0	87·2	84·0	91·0	87·3	78·0	78·0	82·0	79·0
February .....	84·0	91·0	87·0	87·0	90·0	77·0	72·0	91·0	82·0
March .....	93·0	97·5	90·0	76·0	91·5	79·0	78·0	91·0	85·0
April .....	70·0	72·0	70·0	70·0	76·5	70·0	75·0	68·0	67·0
May .....	67·0	71·5	67·0	65·0	69·0	64·0	65·0	65·0	62·0
June .....	62·0	58·8	57·0	62·0	65·2	67·0	64·0	58·0	59·0
July .....	60·0	58·7	60·0	60·0	62·8	62·0	59·0	59·0	57·0
August .....	65·0	65·7	66·0	64·0	62·5	68·0	60·0	63·0	61·0
September .....	75·0	79·5	72·0	82·0	73·8	68·0	60·0	71·0	67·0
October .....	75·0	84·0	73·0	78·0	74·3	70·0	68·0	75·0	74·0
November .....	86·0	88·5	79·0	87·0	82·0	75·0	68·0	79·0	78·0
December .....	83·0	84·0	78·0	75·0	71·9	77·0	70·0	79·0	78·0
MAX. ....	93·0	97·5	90·0	91·0	91·5	79·0	78·0	91·0	85·0

TABLE No. 8.

MINIMUM TEMPERATURE OF AIR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1891.

MONTHS.	SOUTHPORT.	HOBART.	OATLANDS.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	CIRCULAR HEAD.	CORINNA.	WARATAH.
January .....	39·0	44·2	33·0	39·0	39·0	44·0	43·0	40·0	35·0
February .....	33·0	42·7	34·0	32·0	33·7	40·0	39·8	39·0	30·0
March .....	33·0	45·0	31·0	38·0	38·0	47·0	44·5	41·0	37·0
April .....	32·0	38·2	25·0	34·0	30·3	36·0	37·5	34·0	30·0
May .....	33·0	36·3	26·0	32·0	31·5	40·0	39·8	34·0	33·0
June .....	30·0	33·2	25·0	29·0	26·4	35·0	36·0	26·0	28·0
July .....	30·0	34·0	23·0	30·0	27·2	32·0	35·5	30·0	27·0
August .....	30·0	34·8	20·0	30·0	30·0	28·0	38·0	31·0	29·0
September .....	30·0	35·2	20·0	31·0	31·0	33·5	36·0	31·0	27·0
October .....	34·0	34·0	28·0	30·0	30·5	30·0	35·5	32·0	27·0
November .....	33·0	38·7	20·0	36·0	34·5	33·5	40·0	38·0	33·0
December .....	40·0	45·2	33·0	41·0	49·5	39·5	37·0	41·0	36·0
MIN. ....	30·0	33·2	20·0	29·0	26·4	28·0	35·5	26·0	27·0

(No. 45.)

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TABLE No. 9.  
MEAN TEMPERATURE OF AIR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1891.  
THERMOMETRIC RESULTS.

MONTHS.	SOUTHPORT.	HOBART.	OATLANDS.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	CIRCULAR HEAD.	CORINNA.	WARATAH.
January .....	57.45	60.5	55.85	58.6	62.25	56.1	60.55	58.0	53.9
February .....	58.25	59.85	56.9	57.75	61.85	61.4	58.95	57.7	54.15
March .....	57.3	62.9	57.5	58.1	63.65	62.4	60.75	57.8	56.75
April .....	50.6	53.6	49.6	52.5	55.0	56.3	55.3	50.6	47.7
May .....	50.0	52.0	47.8	49.9	50.75	53.75	53.7	49.7	47.2
June .....	47.7	47.9	43.4	49.5	46.9	50.1	50.8	45.0	43.5
July .....	45.6	46.4	43.4	46.7	46.7	47.85	48.6	45.2	44.4
August .....	47.65	49.5	46.4	47.75	48.4	50.45	49.8	47.5	44.0
September .....	43.5	51.3	45.85	49.2	51.15	51.3	50.2	48.3	44.5
October .....	51.3	53.45	48.7	52.0	53.65	52.75	54.1	51.3	49.1
November .....	54.2	55.2	51.65	55.2	57.75	56.0	55.0	53.9	50.8
December .....	55.5	58.4	55.5	56.9	60.7	58.5	56.0	57.7	52.3
MEAN .....	51.84	54.25	50.21	52.84	54.9	54.7	54.48	51.9	49.0

TABLE No. 10.  
MEAN TEMPERATURE OF DEW POINT AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1891.

MONTHS.	SOUTHPORT.	HOBART.	OATLANDS.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	CIRCULAR HEAD.	WARATAH.
January .....	57.3	52.0	45.0	52.3	56.6	53.6	50.4	52.9
February .....	56.8	49.4	44.2	51.4	57.0	54.3	49.8	49.4
March .....	58.3	51.0	43.5	53.1	58.1	58.6	52.0	52.9
April .....	50.9	46.9	41.0	49.2	52.1	50.6	46.9	47.5
May .....	49.4	46.1	41.4	43.0	49.3	50.5	49.1	45.8
June .....	46.4	45.6	35.3	42.5	44.7	46.0	44.4	43.4
July .....	44.8	43.1	37.9	38.7	42.7	44.0	42.6	41.3
August .....	47.9	44.3	38.5	40.6	45.2	45.7	43.6	43.7
September .....	48.5	43.7	39.2	43.8	49.7	45.1	43.5	44.1
October .....	46.9	46.5	40.9	46.3	51.6	47.0	45.0	47.7
November .....	53.7	45.1	42.1	49.4	55.1	48.5	45.6	48.3
December .....	56.3	49.4	40.4	51.5	58.6	50.8	49.0	51.6
MEAN .....	51.4	46.9	40.8	46.8	51.7	49.5	46.8	47.4

TABLE No. 11.

## HYGROMETRIC RESULTS.

MEAN PRESSURE OF VAPOUR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1891.

MONTHS.	SOUTHPORT.	HOBART.	OATLANDS.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	CIRCULAR HEAD.	WARATAH.
January .....	·471	·387	·299	·393	·460	·412	·366	·401
February .....	·462	·353	·290	·379	·466	·422	·358	·354
March .....	·488	·374	·283	·404	·484	·493	·388	·401
April .....	·373	·322	·257	·350	·390	·369	·322	·329
May .....	·353	·312	·261	·277	·352	·368	·350	·308
June .....	·316	·306	·206	·272	·396	·310	·292	·281
July .....	·297	·278	·228	·235	·274	·288	·273	·260
August .....	·334	·291	·233	·253	·202	·307	·284	·285
September .....	·342	·285	·239	·286	·357	·301	·282	·289
October .....	·422	·317	·256	·315	·382	·323	·300	·331
November .....	·414	·301	·268	·353	·435	·342	·306	·339
December .....	·454	·354	·251	·381	·493	·371	·348	·382
MEAN .....	·394	·323	·256	·325	·391	·359	·322	·330

TABLE No. 12.

MEAN RELATIVE HUMIDITY AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1891.

MONTHS.	SOUTHPORT.	HOBART.	OATLANDS.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	CIRCULAR HEAD.	WARATAH.
January .....	·89	·73	·59	·73	·76	·73	·84	·90
February .....	·89	·67	·60	·74	·77	·75	·68	·67
March .....	·86	·62	·74	·75	·76	·84	·72	·85
April .....	·86	·76	·71	·81	·84	·78	·72	·87
May .....	·84	·79	·79	·73	·90	·86	·82	·90
June .....	·87	·91	·72	·73	·86	·83	·76	·90
July .....	·87	·87	·84	·70	·83	·83	·78	·89
August .....	·87	·80	·87	·70	·83	·80	·77	·90
September .....	·84	·73	·69	·73	·87	·77	·74	·85
October .....	·94	·75	·69	·73	·85	·75	·72	·92
November .....	·86	·65	·63	·72	·79	·71	·67	·84
December .....	·87	·69	·54	·73	·88	·71	·71	·90
MEAN .....	·87	·76	·70	·73	·83	·78	·74	·86

TABLE NO. 13.

MEAN AND EXTREME RESULTS FOR THE YEAR 1891.

From Observations taken at Hobart.

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<i>Barometer—</i>	
Highest reading .....	30.570 inches, on 21st June.
Lowest ditto .....	28.908 inches, on 16th October.
Range for the year .....	1.662 inches.
<i>Thermometer—</i>	
Radiation, Solar, maximum .....	144°, on 8th January.
Ditto, Terrestrial, minimum .....	25.2°, on 14th October.
Maximum in the shade .....	97.5°, on 7th March.
Minimum ditto .....	33.2°, on 29th June.
Range for the year .....	64.3°.
Highest mean daily reading for one month .....	64.2°, March.
Lowest ditto ditto .....	46.8°, July.
<i>Humidity—</i>	
Mean maximum for one month (saturation = 100).....	0.91, June.
Mean for the year.....	0.75.
<i>Condensation—</i>	
Total for the year .....	23.25 inches.
Total Number of Rainy Days.....	160.
Maximum fall for one month.....	4.04 inches, December.
Minimum ditto .....	0.40 inches, September.
Maximum fall in 24 hours .....	2.15 inches, 5th December.

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TABLE No. 14.

## MAXIMUM TEMPERATURE OF THE AIR (IN SHADE) AT HOBART ON EACH DAY OF THE YEAR 1891.

Latitude 42° 53' 28·3" S.: Longitude 147° 19' 45" E. Distance from Sea Coast, 10 miles.

<i>Day of Month.</i>	<i>January.</i>	<i>February.</i>	<i>March.</i>	<i>April.</i>	<i>May.</i>	<i>June.</i>	<i>July.</i>	<i>August.</i>	<i>September.</i>	<i>October.</i>	<i>November.</i>	<i>December.</i>
1.....	71·2	61·7	64·0	54·0	62·0	50·0	50·8	54·2	63·0	81·0	60·3	75·3
2.....	68·3	61·0	70·0	57·0	61·2	49·3	55·0	55·6	61·0	69·0	60·5	64·5
3.....	71·0	59·3	72·2	60·2	63·0	49·6	53·0	52·3	53·0	65·8	70·8	68·8
4.....	74·0	57·8	67·0	66·0	66·7	54·2	48·2	55·0	63·2	57·3	63·8	84·0
5.....	72·2	61·5	71·5	68·3	71·5	51·7	58·7	59·0	61·7	61·0	63·0	61·7
6.....	66·8	70·0	87·0	65·3	58·5	57·2	51·8	59·2	50·2	66·5	68·8	53·2
7.....	74·0	86·0	97·5	52·3	57·2	56·7	57·0	61·2	58·0	62·2	79·5	57·0
8.....	87·2	81·7	93·0	66·0	48·0	53·0	55·3	56·8	53·5	65·0	58·0	56·2
9.....	64·0	91·0	72·0	63·5	58·3	47·5	58·7	55·5	63·7	64·0	58·2	66·8
10.....	64·0	69·5	69·8	72·0	56·2	50·0	51·3	61·0	52·3	66·7	61·2	63·0
11.....	80·0	77·3	70·0	64·0	58·2	55·7	53·3	52·0	57·5	62·3	58·0	63·7
12.....	84·0	67·5	74·0	62·0	59·0	53·6	55·0	62·0	58·3	61·2	61·3	63·0
13.....	60·8	71·7	70·2	62·0	64·5	52·3	52·7	59·2	59·0	51·3	59·0	68·3
14.....	61·0	88·8	70·4	62·2	63·0	57·0	49·0	59·2	60·0	52·0	68·3	68·5
15.....	67·8	67·8	66·0	68·4	58·5	57·7	50·0	65·7	59·7	54·7	88·5	67·5
16.....	82·0	72·8	79·2	60·0	64·0	55·0	53·7	60·0	66·0	60·0	57·0	67·0
17.....	81·3	72·4	69·0	53·0	54·0	52·7	54·4	57·0	60·2	47·8	57·6	64·2
18.....	71·2	66·0	71·8	62·3	55·6	54·4	55·8	54·7	65·7	60·0	67·0	62·0
19.....	57·2	64·0	67·4	66·0	55·8	51·0	55·0	46·0	59·0	58·7	55·0	66·0
20.....	72·7	71·8	71·0	60·8	58·3	48·3	52·0	49·3	55·0	51·0	55·7	69·0
21.....	73·5	70·2	64·0	60·0	58·8	—	52·2	55·0	60·0	59·2	70·7	61·7
22.....	61·3	56·3	70·8	64·0	56·4	51·0	52·8	62·3	58·3	59·0	58·0	84·0
23.....	65·7	57·7	72·2	62·7	58·3	53·2	53·0	55·0	60·0	73·7	66·0	70·7
24.....	66·2	56·7	69·3	50·7	65·8	50·5	50·3	55·0	49·5	84·0	65·7	69·2
25.....	66·0	65·0	72·0	55·0	62·8	52·3	50·3	64·0	51·7	60·8	70·6	57·3
26.....	85·0	70·0	71·7	56·8	64·0	53·8	51·2	59·0	62·8	70·0	67·2	62·8
27.....	61·0	55·8	89·0	58·7	67·5	55·8	50·7	58·3	69·5	55·2	57·2	76·0
28.....	65·7	68·0	88·0	60·0	65·4	53·5	54·2	52·7	73·8	57·8	65·0	67·0
29.....	70·0	—	68·3	56·5	48·3	58·8	51·0	63·0	77·3	60·8	64·2	66·0
30.....	60·0	—	63·0	58·8	53·0	55·0	57·3	65·7	79·5	61·3	65·8	69·0
31.....	73·0	—	70·0	—	51·3	—	54·2	65·0	—	67·3	—	60·7
Mean.....	70·3	73·6	73·3	60·9	59·5	53·8	53·1	57·7	60·7	60·8	64·7	66·4

(No. 45.)

TABLE No. 15.

MINIMUM TEMPERATURE OF THE AIR (IN THE SHADE) AT HOBART FOR EACH DAY OF THE YEAR 1891.

<i>Day of Month.</i>	<i>January.</i>	<i>February.</i>	<i>March.</i>	<i>April.</i>	<i>May.</i>	<i>June.</i>	<i>July.</i>	<i>August.</i>	<i>September.</i>	<i>October.</i>	<i>November.</i>	<i>December.</i>
1.....	53·3	52·8	50·0	49·0	44·7	42·0	36·8	34·8	42·0	52·8	46·0	50·7
2.....	52·0	48·8	45·0	45·0	41·2	42·0	38·3	37·0	51·0	53·2	43·2	45·2
3.....	46·8	45·8	51·2	47·8	41·0	40·2	43·0	43·0	46·0	51·0	42·0	47·0
4.....	50·8	47·0	47·0	41·7	40·0	38·0	34·8	43·5	45·8	37·2	50·2	52·2
5.....	55·0	42·8	49·8	44·7	42·5	42·2	38·0	41·5	48·7	43·8	43·0	61·0
6.....	49·0	44·7	55·6	55·0	53·0	38·0	42·0	41·0	44·0	42·0	38·7	50·5
7.....	47·0	52·8	62·0	45·3	49·0	39·2	42·7	42·0	35·2	43·0	43·3	48·0
8.....	50·0	62·8	63·8	44·8	43·0	35·7	40·0	44·0	42·0	42·0	48·7	49·2
9.....	53·0	64·0	60·8	46·2	40·0	33·2	42·8	38·3	36·0	51·0	46·4	47·2
10.....	45·0	49·2	51·2	48·7	45·5	34·0	36·2	39·3	38·7	46·2	45·0	52·8
11.....	46·2	52·0	54·7	53·8	41·2	43·8	36·5	40·3	35·2	44·0	52·0	51·3
12.....	55·0	55·0	52·2	48·7	41·2	47·0	50·0	41·0	43·0	43·3	49·0	53·2
13.....	51·3	55·0	55·7	42·6	46·0	49·8	50·0	44·8	42·0	39·8	47·0	47·7
14.....	44·2	53·8	51·0	47·8	45·8	50·0	42·7	39·3	39·2	34·0	43·8	49·2
15.....	46·3	58·0	45·5	45·0	49·0	49·2	35·0	45·0	41·5	36·0	48·5	50·0
16.....	48·8	53·7	48·2	49·0	47·0	47·8	35·3	45·0	43·0	38·0	49·5	50·0
17.....	55·0	58·3	51·2	46·3	50·2	42·8	38·2	44·0	44·8	40·0	45·0	46·7
18.....	57·0	55·0	53·8	38·3	49·0	41·0	37·0	35·8	41·2	38·0	41·8	48·0
19.....	53·8	47·5	49·7	41·5	45·0	36·8	41·7	37·0	44·7	51·0	49·0	50·5
20.....	51·2	44·8	51·8	50·0	41·8	41·0	45·2	41·3	36·0	36·2	50·0	47·8
21.....	53·8	53·8	50·0	51·8	40·0	40·7	41·0	36·7	37·8	36·7	45·0	49·2
22.....	52·0	51·2	53·6	54·0	36·3	40·2	40·2	47·5	39·0	38·0	44·0	53·7
23.....	52·2	42·7	48·5	51·8	39·0	42·2	36·0	43·0	46·7	43·0	46·0	55·7
24.....	46·4	45·8	45·0	40·0	50·0	42·2	39·2	38·0	37·8	52·0	53·2	49·0
25.....	45·0	48·7	47·0	38·2	52·2	42·0	43·0	42·2	38·5	53·0	47·3	49·8
26.....	57·0	52·7	49·0	46·8	46·0	48·8	40·0	44·8	35·3	47·2	50·5	48·3
27.....	51·5	52·0	55·2	44·2	53·0	47·2	34·0	39·8	38·3	53·5	48·5	55·0
28.....	49·0	43·8	53·0	39·8	46·8	47·7	36·0	47·8	41·7	49·0	42·7	49·0
29.....	53·0	—	62·0	42·0	45·0	49·7	38·7	36·3	48·2	50·0	44·2	53·8
30.....	52·0	—	60·5	42·0	45·7	40·0	36·7	47·2	52·0	51·7	46·8	55·7
31.....	50·2	—	52·3	—	37·0	—	36·7	43·2	—	50·2	—	50·0
Mean... ..	50·7	51·2	52·4	46·2	44·7	42·5	39·6	41·4	41·8	44·7	46·3	50·2



TABLE No. 16.

SUMMARY OF THE DIRECTION OF THE WIND AT HOBART DURING EACH MONTH OF THE YEAR 1891.

DIRECTION.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUN.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			TOTAL IN ONE DIRECTION.
	9 A.M.	3 P.M.	9 P.M.	9 A.M.	3 P.M.	9 P.M.	9 A.M.	3 P.M.	9 P.M.	9 A.M.	3 P.M.	9 P.M.	9 A.M.	3 P.M.	9 P.M.	9 A.M.	3 P.M.	9 P.M.	9 A.M.	3 P.M.	9 P.M.	9 A.M.	3 P.M.	9 P.M.	9 A.M.	3 P.M.	9 P.M.	9 A.M.	3 P.M.	9 P.M.	9 A.M.	3 P.M.	9 P.M.	Amount.			
North .....	8	4	4	1	1	4	17	1	7	10	5	4	19	8	11	11	6	7	17	9	9	20	12	7	18	2	5	17	3	4	10	1	2	9	6	5	284
North East.....	1	1	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	1	7
East.....	2	...	1	...	...	...	1	2	1	1	1	1	...	...	...	1	2	1	...	...	...	...	1	...	1	...	...	2	2	...	2	1	3	...	1	...	27
South East.....	5	9	5	3	16	4	1	15	2	...	10	1	1	5	...	3	4	3	...	3	...	...	4	...	1	13	...	1	10	1	3	8	1	4	11	...	147
South.....	...	2	2	2	1	2	...	3	6	2	4	3	2	4	3	3	4	5	2	7	5	2	4	4	1	2	2	4	3	1	4	6	7	5	4	5	116
South West.....	3	2	5	3	2	2	2	2	2	1	4	4	1	1	2	1	2	1	3	2	...	2	1	...	2	3	4	1	5	...	3	5	1	1	3	2	78
West.....	1	...	3	1	...	6	...	...	8	1	...	7	...	...	5	...	1	3	4	2	2	...	1	6	...	2	12	2	...	13	...	...	5	...	1	4	90
North West.....	6	8	7	9	5	6	5	4	3	3	3	3	...	8	2	2	...	1	1	2	6	4	4	2	3	2	4	6	6	5	3	8	2	5	5	3	156
Calms.....	5	1	2	7	3	2	5	2	1	7	2	1	8	5	5	8	9	6	9	6	2	2	5	6	2	...	...	...	3	1	2	...	1	2	...	1	121



TABLE No. 19.  
RAINFALL IN TASMANIA DURING THE YEAR 1891.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		TOTAL.		
	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	
	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.
South Bruni	5.10	18	1.98	17	1.79	11	3.38	19	2.08	15	3.00	20	4.05	21	3.04	14	2.20	19	5.49	24	2.16	12	5.28	17	39.53	207	
Southport	5.10	16	1.66	14	2.01	10	3.31	16	2.95	12	2.36	17	5.04	15	2.33	11	2.88	16	2.70	19	1.07	8	6.16	14	37.57	168	
Franklin	4.50	12	1.34	12	0.30	5	3.87	10	2.16	6	2.82	15	3.42	12	2.26	10	2.09	11	3.85	16	1.07	7	5.00	15	32.78	131	
Mount Nelson	3.35	13	0.72	11	1.94	5	1.59	10	2.02	9	1.54	13	2.36	11	1.05	10	0.47	12	2.88	18	2.92	11	5.11	15	25.95	138	
Clarence Plains	3.23	12	0.87	9	0.92	5	1.22	10	2.73	8	1.86	12	2.25	11	1.05	9	0.47	11	3.67	17	2.54	9	5.16	12	25.97	125	
Hobart	3.53	16	0.75	12	0.96	7	1.28	14	2.04	10	1.42	17	2.61	12	1.48	12	0.40	14	2.80	19	1.94	9	4.04	18	23.25	160	
Botanical Gardens (Hobart)	2.28	10	0.46	5	0.80	4	1.26	13	2.33	8	1.35	13	2.64	13	1.13	5	0.32	5	2.47	15	1.89	9	3.63	9	20.56	109	
Richmond	1.91	13	0.79	7	1.00	5	1.09	9	2.82	9	1.89	12	2.82	12	0.79	7	0.27	5	2.90	15	1.84	10	4.32	9	22.44	113	
Sorell	2.12	13	1.38	11	1.01	6	1.36	13	3.00	10	2.69	14	2.60	15	1.39	10	0.27	8	3.24	11	2.45	8	5.58	13	27.09	132	
Cambridge	2.58	10	1.63	14	1.01	4	2.24	13	3.12	8	1.93	17	2.30	11	1.42	8	0.26	6	3.20	12	2.43	6	5.12	13	27.24	122	
Kelleve	3.74	12	1.66	8	...	...	2.81	13	3.66	8	4.88	15	6.34	11	1.64	7	0.72	6	5.71	15	5.02	10	6.74	12	...	...	
Carnarvon	5.88	13	2.34	12	1.77	6	3.37	14	3.75	11	3.93	21	8.00	17	1.84	7	1.76	12	7.91	16	5.58	12	7.87	16	54.03	157	
Eagle Hawk Neck	4.77	17	0.39	7	0.86	7	3.43	14	2.44	15	4.79	27	9.98	27	2.50	15	1.24	13	6.57	7	...	...	...	...	...	...	
Swansea	2.34	7	0.95	5	1.10	4	1.49	5	4.93	6	4.94	17	8.96	9	1.02	9	0.14	4	4.09	9	4.05	7	5.26	8	40.47	90	
Apslawn	2.30	5	1.78	4	0.55	2	2.42	5	3.66	6	5.00	15	5.77	9	1.45	8	0.57	6	4.62	10	3.96	7	6.31	11	38.39	88	
New Norfolk	4.33	8	0.85	8	0.41	4	1.49	6	1.86	8	1.29	5	2.18	10	1.04	7	0.51	6	2.58	17	0.84	9	3.64	11	21.00	99	
Bagdad	2.50	11	0.86	7	1.35	6	1.26	8	2.00	9	2.88	11	3.00	10	1.23	8	0.47	3	2.51	14	2.01	9	3.86	10	28.93	106	
Hamilton	3.57	9	0.33	4	0.51	2	1.39	7	1.88	6	0.72	4	1.69	5	0.93	5	0.29	5	2.14	11	0.61	4	2.49	7	16.55	69	
Bothwell	2.29	5	0.65	8	1.04	1	1.84	8	3.33	8	1.67	13	2.56	7	0.90	5	0.42	6	2.55	13	1.70	8	4.31	12	23.26	94	
Victoria Valley	2.95	10	2.15	5	0.75	2	1.56	3	2.60	3	4.80	12	2.60	3	0.45	3	...	...	2.05	5	1.05	3	3.55	6	...	...	
Dog's Head, Lake Sorell	2.35	6	1.38	6	1.10	3	1.20	4	4.27	7	8.01	13	5.72	6	1.87	5	0.59	5	4.39	11	2.80	5	7.08	9	40.76	80	
The Great Lake	2.31	15	1.83	12	0.19	3	0.94	12	2.78	11	2.40	25	3.07	20	2.24	13	1.39	20	4.60	20	1.51	11	5.65	15	28.91	177	
Oatlands	0.94	11	0.92	4	0.86	5	0.65	5	3.49	8	2.49	13	2.48	7	0.89	4	0.24	3	2.89	10	1.80	4	3.69	10	21.34	84	
Ross	0.50	7	0.97	9	0.86	5	0.39	8	4.70	10	1.37	9	1.92	7	0.67	10	0.41	5	3.16	13	2.01	8	3.92	14	20.88	105	
Campbell Town	...	...	0.94	5	0.66	3	0.27	4	4.96	4	0.90	8	1.49	4	1.30	4	0.69	4	3.47	10	1.73	6	6.95	11	...	...	
Lake Leake	2.00	10	1.50	8	0.93	6	1.22	11	5.40	16	11.66	13	6.48	15	3.66	11	0.64	9	5.48	12	3.39	9	5.59	14	47.95	134	
Avoca	1.84	13	1.47	8	0.80	5	0.48	8	3.85	10	3.32	13	2.02	10	1.13	10	0.86	8	3.94	15	1.43	6	5.11	13	26.85	119	
Ormley (Avoca)	1.35	8	1.10	6	0.77	2	0.76	4	3.15	5	3.30	13	3.83	9	1.26	7	0.80	7	5.02	9	1.14	6	3.62	12	26.10	88	
Fingal	1.69	8	0.83	3	0.90	3	0.60	3	3.07	7	4.53	14	4.82	11	1.54	10	0.69	8	5.43	13	1.53	5	4.47	11	30.10	90	
Killymoon (Fingal)	2.57	8	1.22	7	0.79	2	0.94	5	2.71	11	9.17	17	8.08	10	1.73	7	0.86	7	5.17	7	1.57	5	3.86	7	38.67	93	
Falmouth	4.05	11	1.27	5	0.77	2	2.74	5	1.71	4	3.33	15	4.40	9	1.15	8	1.22	6	3.15	9	3.00	9	3.92	9	30.71	92	
St. Helen's	5.52	10	0.50	1	0.75	3	2.08	5	2.54	5	3.87	13	2.17	8	0.92	7	1.32	9	4.77	10	3.66	8	4.76	6	32.86	85	
Mathinna	2.11	3	0.45	2	1.50	1	0.83	2	1.85	2	5.71	12	6.00	2	0.95	2	0.90	2	5.55	6	2.35	4	6.00	3	34.20	41	
Gould's Country	4.37	10	1.36	2	1.59	2	2.69	7	2.28	4	9.11	16	7.52	10	2.20	10	1.84	10	6.68	11	5.50	10	6.63	10	51.77	102	
Scottsdale	1.65	6	0.66	5	3.80	2	1.33	7	2.30	10	1.43	8	5.37	11	1.62	6	3.33	11	6.05	10	2.19	9	5.73	11	36.06	96	
Branxholm	1.96	10	0.24	2	3.95	3	1.54	4	2.77	5	3.81	9	5.62	9	...	...	0.96	6	...	...	...	...	...	...	...	...	
Boobyalla	2.18	7	0.36	2	1.82	2	1.73	5	0.73	6	2.40	8	3.47	8	0.90	3	2.06	9	4.22	6	1.68	6	3.86	8	25.41	70	
Swan Island	3.11	9	0.27	4	0.67	2	3.39	7	1.64	4	...	...	...	...	0.46	9	1.93	11	2.40	9	1.00	9	4.14	10	...	...	
Low Head	0.98	11	0.17	5	2.11	6	0.63	7	1.41	14	1.32	9	2.97	14	1.68	9	2.11	10	4.26	10	1.20	8	4.29	11	23.13	114	
Launceston	2.16	14	0.28	4	1.37	4	0.50	8	3.43	11	0.50	4	2.75	11	1.63	10	2.40	10	5.06	15	1.12	8	5.95	11	27.15	110	
Longford	1.79	8	0.57	4	1.34	2	0.69	6	3.89	9	0.22	1	1.47	7	1.37	8	0.47	4	5.46	12	1.66	4	6.49	8	25.42	73	
Deloraine	2.12	10	0.55	5	1.63	6	0.87	6	3.78	14	1.02	6	3.57	9	2.26	11	1.54	8	7.14	15	1.26	5	6.25	11	31.99	106	
Latrobe	1.80	4	0.75	2	1.71	3	0.46	2	2.62	8	0.81	3	4.58	12	2.27	10	1.64	7	4.76	7	1.73	6	5.70	9	28.89	73	
Castra	5.30	15	0.46	8	2.91	5	1.62	7	4.15	14	1.83	9	5.79	13	3.48	11	2.05	12	5.00	15	2.56	9	6.68	15	41.83	133	
Emu Bay	2.07	8	0.05	2	1.71	6	0.64	7	1.93	14	1.09	11	4.10	15	2.80	12	2.27	11	4.94	18	1.90	9	4.80	15	28.35	128	
Waratah	6.01	10	3.25	9	3.69	7	2.96	7	5.00	15	1.00	6	5.39	11	6.31	15	5.34	10	9.28	16	3.02	12	8.72	15	59.97	133	
Circular Head	2.17	12	0.17	9	1.59	8	0.85	10	1.35	15	4.60	12	8.70	14	2.23	13	2.04	13	3.66	20	1.49	13	3.25	17	32.10	156	
Black River	2.93	11	0.42	8	2.21	5	1.04	6	3.69	14	3.32	10	4.87	11	2.85	14	2.71	12	5.72	16	1.70	10	4.69	15	36.15	132	
Cape Grim	2.61	12	0.50	9	1.70	8	2.04	13	3.02	16	2.74	10	5.37	18	2.71	19	1.79	16	3.26	17	2.05	17	4.10	17	31.98	172	
Corinna	3.71	11	2.10	13	3.49	13	4.47	14	5.58	15	1.66	7	7.32	18	5.86	17	5.39	16	6.84	18	2.71	14	6.47	15	55.80	171	
Remin6	5.55	14	3.14	14	2.23	5	5.69	13	5.30	15	1.65	8	6.78	22	9.16	22	4.29	10	5.37	15	3.05	12	5.94	14	58.15	164	
Zeehan	9.32	18	2.30	8	6.15	10	5.10	18	5.83	20	2.42	7	5.94	16	8.00	24	5.09	14	12.53	21	2.91	12	8.53	19	74.12	187	
Strahan	...	...	...	...	2.36	14	4.61	19	3.25	14	1.35	10	4.60	25	4.90	25	2.80	16	5.33	19	1.75	10	5.57	13	...	...	

(No. 45.)

TABLE No. 20.

RAINFALL AT LIGHTHOUSES, 1891.

STATIONS.	JANUARY.		FEBRUARY.		MARCH.		APRIL.		MAY.		JUNE.		JULY.		AUGUST.		SEPT.		OCTOBER.		NOVEMBER.		DECEMBER.		TOTAL.			
	Rain.	Days.	Rain.	Days.	Rain.	Days.	Rain.	Days.	Rain.	Days.	Rain.	Days.	Rain.	Days.	Rain.	Days.	Rain.	Days.	Rain.	Days.	Rain.	Days.	Rain.	Days.	Rain.	Days.		
	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.
South Bruni .....	5.10	18	1.96	17	1.79	11	3.38	19	2.08	15	3.00	20	4.05	21	3.04	14	2.20	19	5.49	24	2.16	12	5.27	17	39.52	207		
Swan Island .....	3.11	9	0.27	4	0.67	2	3.39	7	1.64	4	—	—	—	—	0.46	9	1.93	11	2.40	9	1.60	9	4.14	10	—	—		
Goose Island .....	2.50	7	0.25	3	0.58	4	2.43	7	0.65	5	1.45	11	3.32	12	0.53	5	2.34	10	2.21	8	1.76	12	2.82	11	20.84	95		
Kent's Group.....	2.19	9	0.17	2	1.06	5	2.03	8	0.99	5	6.34	11	3.05	15	0.70	4	1.57	10	1.98	9	2.61	13	3.39	12	26.08	103		
King's Island.....	1.15	4	0.24	4	1.27	4	0.87	7	0.67	8	6.41	12	2.10	10	1.30	6	1.12	7	2.53	11	2.89	7	1.94	8	22.49	88		

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