

(No. 44.)



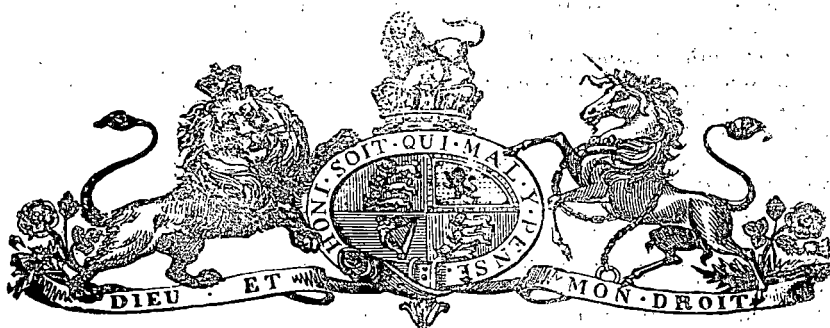
1887.

PARLIAMENT OF TASMANIA.

METEOROLOGICAL DEPARTMENT:

REPORT FOR 1886.

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



REPORT of the Meteorological Observer for the Year 1886.

SIR,

I HAVE the honor to submit the Annual Report of the Meteorological Department for the year 1886 for your information, containing tabular forms of the Observations recorded at the various stations; also a table of the severest earthquake shocks felt in Tasmania during the year 1886.

Observations have been recorded at eight meteorological stations; also maximum and minimum temperature is taken at Fingal and Mount Bischoff.

On 1st September, 1886, I took over from Mr. Charles Abbott the work of keeping correct mean time for the dropping of the ball at 1 p.m. daily. The time is now also transmitted from the Observatory through the Telegraph Office, Hobart, electrically to Launceston and all telegraph stations south of Launceston.

I am indebted to Mr. R. L. J. Ellery, Government Astronomer of the Melbourne Observatory, for providing me with the necessary clock and fittings for giving the signals; also to Mr. R. Henry, Superintendent of Telegraphs, for the interest he has taken in the matter in personally supervising the electrical arrangements and completing them satisfactorily.

I have the honor to be,

Sir,

Your obedient Servant,

J. SHORTT, *Meteorological Observer.*

The Hon. the Treasurer.

PHENOMENA in 1886.

JANUARY—Hobart.—Northerly gale on the 5th, hot and sultry; temperature in the shade, 100·2 deg. One previous record only of above 100 deg. in January, registering, in 1849, 105 deg. 30th, severe thunderstorm and vivid lightning, with heavy rains, in different parts of the Colony. Thunder on the 20th, 30th, and 31st. Rain on the 9th, 1·56 inches.

South Bruny.—8th, strong S.W. gale and heavy rain, 1·60 inches in 24 hours; 30th, thunderstorm; 31st, rain, 1·40 inches.

Southport.—5th, hot and sultry; temperature in the shade, 100 deg.; heavy bush fires.

Swansea.—Heavy rain on the 7th. For the 24 hours, at 9 A.M. of 8th, 3·15 inches.

Fingal.—6th to 8th rain fell to the amount of 3·27 inches.

Killymoon (Fingal).—During four days, 5th to 9th, 5·18 inches of rain fell. Heaviest fall on the 8th, 3·60 inches. Warm weather during the month; great growth of grass.

Falmouth.—7th, rain, 0·95 inches; 8th, 2·58 inches.

Gould's Country.—7th, rain, 1·47 inches; 8th, 4·20 inches.

Low Head.—Bright aurora evening of 10th; 31st, thunder.

Launceston.—7th, rain, 0·83 inches; 8th, 0·92 inches. Thunder and hail showers on the 30th.

Latrobe.—Rain on the 7th and 8th, 1·98 inches; 30th and 31st, 2·97 inches, and on 1st February, 2·60 inches—a total of 5·57 in the three days, flooding the district, and causing great damage to the hay and grain crops.

Broomfield.—Rain, 8th and 9th, 2·34 inches; 30th, 1·45 inches.

Mount Bischoff.—Rainfall for the month, 2·70 inches; corresponding month, 1883, 1·60 inches; 1884, 6·42 inches; 1885, 3·25 inches;—the heavy rains on the coast not extending so far inland.

Circular Head.—8th, rain, 1·02 inches; 9th, 0·7 inches; 23rd and 29th, thunder; 30th, hail; 31st, lightning.

Corinna.—30th, rain, 1·25 in.; 31st, 0·81 inches; 29th, thunderstorm.

FEBRUARY—*Hobart*.—6th, thunder and lightning; 11th, N.W. gale, the greatest velocity of the wind 53 miles per hour. Snow fell on Mount Wellington in the night; lunar halos, 15th and 16th. Snowing on Mount Wellington on the 27th.

South Bruni.—2nd and 27th, S.W. gale; 11th, N.W.; 5th, thunder and lightning.

Richmond.—1st, 6th, and 24th, thunder; rain, 6th, 0·91 inches.

Swansea.—Rain, 6th, 1·72 inches.

Marlborough.—Rain, 12th, 1·20 inches.

Oatlands.—1st, thunder; 11th, N.W. gale; 15th, S.W.

Killymoon, Fingal.—Unusually wet for this month; grass growing and green like spring.

Scottsdale.—1st, rain, 3·41 inches; 1st and 5th, thunder.

Launceston.—1st, 6th, and 12th, thunder.

Deloraine.—1st, rain, 1·74 inches.

Latrobe.—1st, rain, 2·60 inches; 11th, N.W. gale.

Mount Bischoff.—4th, sharp frost; 5th, fog; 11th, S.W. gale; 7th, rain, 1·09 inches; 12th, 1·01 inches.

Circular Head.—11th and 12th, thunder and lightning; 6th, rain, 0·93 inches.

Corinna.—6th, 11th, and 12th, thunder; 11th, hail; 10th and 23rd, fog; 11th, N.W. gale; 7th, rain, 0·91 inches; 12th, 0·81 inches.

MARCH—*Hobart*.—The mean temperature, 57·6 deg., was 2·5 degrees below the mean of 42 years' registrations. Heavy fall of snow on Mount Wellington on the 11th and 12th. Aurora Australis visible on the 30th and 31st. The rainfall on the North and N.W. Coasts, and at Falmouth, much below the average.

Southport.—12th, hailstorm.

Carnarvon.—6th, rain, 0·73 inches; 13th, 0·86 inches.

Swansea.—6th, rain, 1·18 inches; 30th, 0·80 inches.

Macquarie Plains.—11th, snowing.

Campbell Town.—6th, rain, 1·22 inches; 30th and 31st, aurora.

Fingal.—8th, rain, 1·29 inches.

Low Head.—12th, lightning; 8th, westerly gale; 30th and 31st, aurora.

Launceston.—6th, rain, 1·10 inches; 30th, aurora.

Longford.—6th, rain, 1·23 inches.

Mount Bischoff.—8th, rain, 0·87 inches; 9th, 1·14 inches; 12th, snow.

Circular Head.—Only 22 points of rain fell during the month.

APRIL—*Hobart*.—4th, thunder-storm with vivid lightning; 21st, northerly gale; 22nd, 28th, and 30th, snowing on Mount Wellington. Electric disturbances were very severe in many parts of the Colony on the 4th. Several frosts.

South Bruni.—10th, 12th, and 29th, gales from S.W.; 3 fogs; 20th, rain, 0·90 inches; 23rd, 0·80 inches.

Richmond.—4th, thunder and lightning; 23rd, rain, 0·86 inches. Several frosts.

Swansea.—7th, rain, 0·67 inches; 20th, 0·92 inches; 23rd, 0·53 inches.

Hamilton.—5th, rain, 0·58 inches; 20th, 0·57 inches; 23rd, 0·70 inches.

Oatlands.—22nd, thunder and lightning; 20th, rain, 0·78 inches; 23rd, 0·95 inches.

Killymoon, Fingal.—Frosts set in very early and severe, cutting off all tender vegetation, bringing on winter very suddenly.

Falmouth.—4th, thunderstorm; 7th, rain, 0·56 inches; 16th, southerly gale.

Low Head.—4th, thunder; 16th, S.S.E. gale; 25th, W.N.W.

Launceston.—4th, thunder; 7th, rain, 0·65 inches.

Broomfield, S. Emu Bay.—7th, thunderstorm; 90 points of rain fell in 30 minutes.

Mount Bischoff.—22nd, rain, 0·70 inches; 23rd, 0·95 inches; 26th, 0·69 inches. Five frosts and three fogs.

Circular Head.—4th, thunder; 7th and 28th, lightning; 24th, lunar rainbow; 22nd, S.W. gale.

Corinna.—23rd, rain, 1·10 inches; 29th, hail.

MAY—*Hobart*.—Weather very unsettled; frequent fluctuation in the atmospheric pressure during the month, the first minima depression of the barometer occurring on the 2nd, 29·685 inches, for westerly squalls, snow falling on Mount Wellington; also light fall in Hobart. The second on the 10th, 29·341 inches. Snowing on the Mount 6th, 8th, 9th, 10th, 19th, and 28th. Westerly gale on 8th. The third and lowest minima, 29·180 inches, on the 19th. Several frosts and fogs; dense fog night of 31st.

South Bruni.—2nd and 11th, S.W. gale; 19th and 26th, W.S.W.; 11th and 28th, hail; 2nd, rain, 0·85 inches; 10th, 0·65 inches.

Southport.—10th, 11th, 19th, and 28th, hail.

Franklin.—Snowing on the 10th and 11th.

Bothwell.—10th, snowing. Sharp frost on the last three days of the month.

Oatlands.—10th and 11th, snowing.

Fingal.—Several frosts and fogs during the month.

Scottsdale.—Rain, 10th, 1·52 inches; 18th, 1·68 inches; 26th, 1·07 inches. Hail on the 10th.

Low Head.—Westerly gales on the 1st, 9th, 19th, and 26th.

Launceston.—Rain, 10th, 0·52 inches; 18th, 0·92 inches.

Latrobe.—Gales, with fierce squalls, from N.W. on the 6th, 9th, and 19th. Rain, 18th, 0·80 inches; 26th, 0·95 inches.

Mount Bischoff.—6th, thunder. Snowing on the 2nd, 11th, 12th, and 28th. Rain, 2nd, 1·12 inches; 7th, 1·45 inches; 10th, 1·20 inches.

Circular Head.—6th, thunder and lightning; 6th, 11th, and 26th, hail; 7th and 10th, S.W. gales. 1·67 inches of rain fell between 10 A.M. and 3 P.M. of the 16th.

Corinna.—Thunder on the 1st, 6th, 10th, and 26th. Hail on the 1st, 10th, 11th, 19th, and 28th. Heavy rain fell on the first 10 days of the month. The water in the Pieman River rose 8 feet.

JUNE—Hobart.—Fine weather with frosty nights throughout the month. The mean temperature slightly below the average. Heavy fall of snow on Mount Wellington on the 23rd. Westerly gales on the 22nd and 23rd.

The barometer was unusually high for the time of year, the mean, 30·198 inches, being considerably the highest mean of any previous record.

Rainfall slight generally. Hobart only 0·28 inches.

South Bruny.—22nd, 23rd, and 24th, S.W. gales; 23rd, hail and snow.

Carnarvon.—Rain, 10th, 0·71 inches; 23rd, 0·70 inches; 23rd, hail and light fall of snow.

Swansea.—Rain, 10th, 1·21 inches.

Killymoon, Fingal.—Very severe frosts throughout the month. Rain, 10th, 2·95 inches.

Gould's Country.—Rain, 10th, 1·38 inches.

Low Head.—Fogs frequent in first part of month; dense fog on 4th and 12th.

Latrobe.—Fine days, sharp frosts in night. Rain, 10th, 0·63 inches.

Mount Bischoff.—Several fogs and frosts. Rain, 10th, 0·51 inches; 30th, 0·65 inches.

Corinna.—17th, thunder; 23rd, S.W. gale.

JULY—Hobart.—Fogs and frosts prevailed mostly throughout the month. Northerly gale on the 5th. Snowing on Mount Wellington on the 6th, 11th, 12th, and 22nd. Lunar halo on the 9th.

The maximum height of the barometer, 30·720 inches 9 A.M. of 17th, was the highest reading of any former record during the month of July, with the exception of 30·812 inches in 1846; and the mean for the month, 30·168 inches, is also the highest, excepting 30·193 inches in July, 1860.

Southport.—12th, hailstorm.

Franklin.—12 frosts; 3 dense fogs. Several days of very cold weather.

Richmond.—15 frosts, severe on the 8th and 9th.

Eagle Hawk Neck.—Easterly winds on 14 days. Rain, 21st, 0·68 inches.

Oatlands.—Light fall of snow on the 6th.

Fingal.—11 frosts and 7 fogs. 11th, snowing on the hills.

Killymoon (Fingal).—Very frosty, with light winds first half of the month; wet and mild from 20th to the end of the month. Rain, 21st, 1·25 inches; 27th, 1·40 inches; river very high.

Gould's Country.—Rain, 6th, 1·40 inches; 27th, 1·88 inches.

Launceston.—Cold, foggy, and frosty in first part of the month. Rain on the 6th, 1·15 inches; 21st, 0·68 inches.

Latrobe.—Rain, 6th, 1·75 inches; 27th, 0·65.

Mount Bischoff.—Snowing on the 7th and 12th. Rain, 6th, 1·96 inches; 27th, 0·71 inches. Cold and frosty throughout the month.

Circular Head.—6th, hail; 24th and 25th, easterly gales.

Corinna.—6th, thunder; 12th, light fall of snow. Thick fogs in the latter part of the month.

AUGUST—Hobart.—Very great disturbance in the atmospheric pressure between the 9th and 15th; the minimum depression, 29·162 inches, occurred on the 14th, falling for strong northerly winds, with rain to the north of Hobart.

Frequent frosts, with several foggy nights. Lunar halos on 7th, 8th, and 13th. Snow fell on Mount Wellington on 6 days. Gale from N.W. on the 9th.

The rainfall was unusually heavy in the eastern and western districts.

Carnarvon.—Rain, 4th, 2·23 inches; 17th, 1·42 inches.

Swansea.—Rain, 3rd, 2·53 inches; 4th, 1·41 inches; 29th, 2·88 inches.

Bothwell.—Rain, 3rd, 1·30 inches; 4th, 0·71 inches.

Fingal.—Rain, 3rd, 1·45 inches; 29th, 1·41 inches.

Killymoon.—An unusually wet month. Rain on 3rd, 3·86 inches; 4th, 1·15 inches; 29th, 2·35 inches.

Falmouth.—Rain, 3rd, 2·65 inches; 4th, 0·73 inches; 29th, 2·55 inches.

Gould's Country.—Very heavy rain on the 2nd. At 9 A.M. of 3rd, for previous 24 hours, rainfall 5 inches; 29th, 2·33 inches.

Launceston.—Hail on 10th and 11th. Several frosts.

Deloraine.—Rain, 3rd to 5th, 3·22 inches. Thunder and lightning on 10th.

Mount Bischoff.—Snowing on 6 days. Rain on every day but those; the greatest fall on the 10th, 1·17 inches.

Circular Head.—Easterly gale with fierce squalls on the 2nd, with heavy rain and high sea. Stanley jetty was much damaged.

Black River.—2nd, terrific storm from S.E. Rain, 3rd, 2·80 inches.

SEPTEMBER—Hobart.—Snow fell on Mount Wellington on the 1st, 7th, and 26th. Lunar halo on 13th, and prismatic on 14th. Lightning on 24th.

South Bruny.—Westerly gale on the 2nd; S.W., 7th and 8th; W.N.W., 25th. Hail on the 2nd.

Marlborough.—Snowing on the 1st, 7th, and 8th.

Fingal.—7th, rain, 1·18 inches, heavy flood ; 3 fogs.
Killymoon.—7th, rain, 1·11 inches. The weather on the whole was mild.
Gould's Country.—Rain, 6th, 1·43 inches ; 7th, 1·62 inches.
Scottsdale.—6th and 23rd, thunderstorm ; 2nd and 6th, hail.
Low Head.—Gales on 2nd from west ; 6th, N.N.E. 13th, lunar halo ; 23rd, lightning ; 3 fogs.
Launceston.—5th and 23rd, thunder and lightning.
Latrobe.—5th and 6th, N.W. gale accompanied by heavy rain. The Mersey rose very high.
Mount Bischoff.—6th and 25th, thunder. Snowing on 3 days. 7½ inches of rain fell in the first 10 days.
Circular Head.—9th, hail. Lightning on the 4th, and from 21st to the 24th. 2nd, S.W. gale.
Black River.—5 inches of rain fell in the first 10 days.

OCTOBER.—*Hobart*.—Snow fell on Mount Wellington on the 3rd, 11th, and 24th. Westerly gales on the 6th, 11th, 30th, and 31st. The greatest velocity of the wind, 45 miles per hour, 11 A.M. of the 6th.
Southport.—7th, hail ; 23rd, lightning ; 30th, thunder.
Oatlands.—7th and 26th, hail ; 30th, S.W. gale.
Killymoon (Fingal).—Severe frosts in early parts of month, cutting off all early fruit. Several heavy gales, which retarded vegetation ; grass and corn very backward.
Falmouth.—24th, hail ; 24th and 25th, thunder.
Low Head.—Westerly gales on the 12th, 23rd, and 30th.
Launceston.—8th, sharp frost ; 30th, thunder.
Mount Bischoff.—9·22 inches of rain fell in the month, the greatest fall in 24 hours, 2·01 inches, on the 25th. Heavy fall of snow on the 24th.
Circular Head.—22nd, lightning ; 23rd, thunder ; 23rd and 24th, hail.
Corinna.—Westerly gales 22nd and 25th, with thunder on 23rd ; hail 23rd and 24th. 4·58 inches of rain fell between the 19th and 26th, causing heavy floods on the 25th.

NOVEMBER.—*Hobart*.—Unusually dry weather from the 1st to the 25th ; only 44 points of rain fell between those dates ; little penetrated into the ground on account of the high winds. Heavy rain on the 26th, 2·12 inches falling in 14 hours. Westerly gales on the 6th, 7th, 8th, 11th, and 16th. Snowing on Mount Wellington night of 25th. The greatest velocity of the wind, 47 miles per hour, 9 P.M. of 7th ; 22nd, thunder.

South Bruny.—Gales from N.W. 6th, 7th, and 11th ; S.W. 9th and 16th ; N.E. 24th ; rain, 26th, 1·60 inches ; thunder and lightning, 26th.
Richmond.—Rain, 25th, 64 inches ; 26th, 1·95 inches ; 26th, thunder.
Carnarvon.—26th, hail ; rain, 26th, 3·11 inches.
Eagle Hawk Neck.—26th, rain, 3·11 inches ; wind from N.E. eight days previously, changing to S.W. on 25th.
Hamilton.—Very dry season, worst for many years ; grass burnt up ; no rain from 1st to 24th ; rain, 25th, 75 inches ; 26th, 1·04 inches.
Oatlands.—7th, S.W. gale ; 26th, rain, 1·70 inches.
Killymoon (Fingal).—Strong gales in first part of month ; rain, 26th, 1·62 inches.
Gould's Country.—Rain, 5th, 1·35 inches ; 22nd, thunder-storm ; 26th, rain, 1·50 inches.
Launceston.—12th, thunder ; 25th, rain, 1 inch ; 26th, 1·08 inches.
Longford.—25th, between 4 A.M. and 6 P.M. rain fell to the amount of 2·34 inches.
Latrobe.—12th, thunder ; 25th, rain, 2·37 inches.
Mount Bischoff.—12th, thunder and hail ; 26th, light fall of snow.
Circular Head.—24th, thunder ; 25th, rain, 1·43 inches ; 26th, hail.
Corinna.—24th, easterly gale ; 25th, hail ; rain, 25th, 1·03 inches ; 26th, 1·09 inches.

DECEMBER.—*Hobart*.—Fine weather, with little rain, during the month. Winds generally light. 20th, hail ; 27th, thunder-storm.

South Bruny.—16th, S.W. gale ; 18th and 27th, thunder-storms.
Hamilton.—A remarkably dry month ; vegetation of all kinds burnt up.
New Norfolk.—The smallest rain for December during the last 13 years, the mean being 2·09 inches.
Campbell Town.—9th, 87 points of rain fell in one hour and a quarter ; 21st, hail.
Killymoon (Fingal).—Generally fine and mild during the month.
Scottsdale.—3rd, 18th, and 27th, thunder ; 19th, rain, 1·34 inches.
Launceston.—18th and 27th, thunder and lightning.
Low Head.—3rd, lightning ; 18th and 27th, thunder.
Latrobe.—18th, N.W. gale ; 19th, rain, 1·60 inches.
Mount Bischoff.—19th, rain, 1·14 inches.
Corinna.—19th, rain, 1·00 inches ; 20th, 1·00 inches.

EARTHQUAKE Phenomena in 1886.

Tasmania was disturbed by a few shocks and tremors during the year. The strongest was that of 8th March, which was felt at Gabo Island. The time of occurrence as felt there and in Tasmania agrees well with the supposed centre affecting us. But since the violent eruption in New Zealand on June 10, 1886, and a few subsequent outbursts that took place soon afterwards, shocks and tremors have been more frequently felt on the continent and at places on the N.W. coast of Tasmania, though not experienced on our East Coast, which has been more disturbed than other districts since the commencement of the continuous tremors beginning in April, 1883.

TABLE OF THE SEVEREST SHOCKS EXPERIENCED IN 1886.

MONTH.	DATE.	FALMOUTH.	ST. MARY'S.	MOORINA.	CARNARVON.	GOULD'S COUNTRY.	FINGAL.	CAMPBELL TOWN.	LAUNCESTON.	HOBART.	SWAN ISLAND.	KENT'S GROUP.	CONTINENT.
													Gabo Island.
January.....	9	3.59 P.M.	4.10 P.M.	4.11 P.M.	...	...	...	...	...	...	...	...	...
January.....	14	12.29 P.M.	12.28 P.M.	12.37 P.M.	...	...	...	...	...	...	12.20 P.M.	...	...
January.....	25	...	...	1 A.M.	...	...	...	...	...	...	12.50 A.M.	20" 1.5 A.M. }	...
February.....	9	...	5.2 P.M.	5 P.M.	...	...	...	...	...	...	...	...	...
March	8	1.45 P.M.	...	...	1.36 P.M.	90" 1.42 P.M. }	1.44 P.M.	1.41 P.M.	60" 1.39 P.M. }	60" 1.40 P.M. }	...	1.25 P.M.	8" S. to N. 1.39 P.M. }
April.....	7	...	...	8.30 A.M.	...	7.45 A.M.	...	...	8.28 A.M.	...	...	8.25 A.M.	...
April.....	8	...	...	...	...	8.10 P.M.	...	...	...	...	...	...	...
April.....	9	...	...	...	...	6.15 A.M.	...	...	...	...	...	...	...
May.....	4	...	...	...	11.40 A.M.	...	...	...	...	...	...	11.35 A.M.	...
June.....	10	...	...	...	...	...	...	...	4 P.M.	...	...	...	...
July.....	27	1.15 P.M.	...	...	...	1 P.M.	...	...	...	...	1.5 P.M.	1.10 P.M.	...
September.....	8	...	...	...	8.30 A.M.	...	...	...	8.30 A.M.	8.30 A.M.	...	...	...
September.....	10	...	...	...	...	...	...	...	...	...	2.40 P.M.	...	...
October.....	24	...	...	...	...	10.45 A.M.	...	...	...	...	...	...	...
October.....	25	...	...	...	...	4.40 P.M.	...	...	...	...	...	...	...
November.....	27	...	...	...	8.55 A.M.	8.55 A.M.	...	8.57 A.M.	8.56 A.M.	8.56 A.M.	...	...	...

SCHEDULE of Returns furnished with this Report.

1. Abstract of Observations taken at Hobart.
 2. Ditto Launceston.
 3. Epitome of Results of Meteorological Observations at the various Stations for the year.
 4. Maximum Pressure of Air at the different Stations for each Month of the year 1886.
 5. Minimum Pressure of Air, ditto.
 6. Mean Pressure of Air, ditto.
 7. Maximum Temperature of Air, ditto,
 8. Minimum Temperature of Air, ditto.
 9. Mean Temperature of Air, ditto.
 10. Mean Temperature of Dew Point, ditto.
 11. Mean Pressure of Vapour, ditto.
 12. Mean Relative Humidity, ditto.
 13. Mean and Extreme Results for the year 1886, from Observations taken at Hobart.
 14. Maximum Temperature of Air in Shade at Hobart.
 15. Minimum ditto.
 16. Summary of Direction of the Wind at Hobart in 1886.
 17. Velocity of the Wind in miles, ditto.
 18. Hours of Sunshine at Hobart.
 19. Rainfall in Tasmania.
 20. Rainfall at Lighthouse Stations.
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TABLE No. 1.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT HOBART FOR 1886.

Latitude, 42° 53' 25" S.: Longitude, 147° 20' 6" E. Height of Observatory above Sea Level, 190 feet. Barometer corrected to 32° Fahrenheit, and reduced to Sea Level.

YEAR.	BAROMETER.	THERMOMETER IN SHADE.						RADIATION.		HUMIDITY.			RAIN.		PREVAILING WINDS.		CLOUDS.
1886.	Mean.	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.	Amount.
January	Inches. 29·975	100·2	70·7	46·5	55·0	15·7	63·8	160·0	37·3	56·1	·451	0·76	Inches. 2·76	11	N. & S.S.E.	(0—12) 2·4	(0—10.) 6·8
February	29·765	86·5	67·0	42·7	50·7	16·3	59·6	142·0	31·5	47·3	·327	0·64	2·32	17	N.W. & S.	2·5	7·5
March	29·980	96·0	65·9	40·0	48·7	17·2	57·6	146·0	29·0	49·6	·356	0·75	1·37	14	N.N.W. & S.	2·6	7·0
April	29·996	75·7	61·7	35·0	46·3	15·4	54·8	135·0	25·0	49·0	·347	0·81	2·39	15	N.N.W. & S.	2·2	6·6
May	29·911	65·8	56·2	36·2	41·5	14·7	49·6	121·0	26·0	44·7	·296	0·83	2·06	20	N.W. & S.S.W.	2·5	6·3
June	30·198	59·2	53·3	30·2	39·3	14·0	46·9	108·0	24·0	43·5	·282	0·88	0·28	13	N.N.W. & S.W.	1·8	6·2
July	30·168	59·5	51·7	29·5	38·2	13·5	45·8	112·0	18·7	41·5	·262	0·85	0·85	16	N.N.W. & S.	2·0	6·3
August	29·772	61·3	54·2	33·0	40·2	14·0	48·1	117·0	23·7	43·8	·286	0·85	2·53	20	N.N.W. & S.	2·6	7·6
September	29·844	78·5	62·3	32·0	43·7	18·6	54·2	133·0	22·7	46·5	·317	0·75	1·44	17	N.N.W. & S.S.W.	3·0	6·3
October	29·733	70·0	59·4	34·0	42·5	16·9	52·2	134·0	23·8	45·5	·305	0·78	1·76	24	N.W. & S.	2·6	7·8
November	29·857	92·0	68·2	40·5	48·2	20·0	59·0	145·0	30·5	49·8	·359	0·72	2·88	12	N.W. & S.S.E.	3·0	6·2
December	29·914	91·0	68·5	38·3	50·2	18·3	60·8	154·0	27·2	53·2	·406	0·76	0·75	10	N.W. & S.S.E.	2·6	6·8
MEAN	29·926	..	61·6	..	45·4	16·2	54·4	..	..	47·46	·333	0·78	1·78	15·75	N.N.W. & S.	2·15	6·8
EXTREMES	..	Jan. 5 100·2	..	July 16 29·5	..	..	..	Jan. 5 160	July 16 18·7	..	..	..	Total, 21·39	Total, 189			

No. 2.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT LAUNCESTON FOR 1886.

Latitude, 41° 30' S. Longitude, 147° 14' E. Height of Observatory above sea level, 62 feet. Barometer corrected to 32° Fahrenheit, and reduced to sea level.

YEAR 1886.	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 Max.	Terres- trial Min.	Dew Point.	Pressure of Vapour.	Hu- midity.	Total Fall.	No. of Days Rain fell.	Direction.	Force.	Amount.
	Inches.	°	°	°	°	°	°	°	°	°			Inches.			(0-12.)	(0-10.)
January	30·016	87·5	77·2	45·6	54·1	23·1	67·4	133	36	55·6	·443	·66	3·52	8	N. & S.	1	4·4
February	29·837	87·8	72·5	39·2	49·7	22·8	62·9	114	30·9	51·2	·377	·66	3·08	9	N. & S.S.E.	1·2	4
March	30·039	90	69·8	35	47	22·8	60·7	117	20	48·7	·344	·65	1·39	3	N. & S.	1	4·2
April	30·068	77·6	64·7	32·2	45·4	19·3	56·7	109	29	48·6	·343	·74	2·44	12	N. & S.	1	4·3
May	30·007	63·5	57·3	31	38·7	18·6	49·4	105	22	43·3	·280	·79	3·10	14	N. & S.	1	4·7
June	30·277	58·4	53·7	25·6	34·2	19·5	45·2	98·5	24	40·6	·253	·84	·61	3	N. & S.	1	4
July	30·220	60·2	53·1	23·9	35·5	17·6	45·6	105	22	40·9	·256	·84	2·43	9	N. & S.	1	4·8
August	29·822	60	53·9	23·2	38·6	15·3	47·2	102	22	40·8	·255	·78	4·77	18	N. & S.	1	5·5
September	29·961	69·8	61·3	32·9	41·7	19·6	52·8	113	24·2	44·7	·295	·74	3·38	12	N. & S.	1·7	4
October	29·795	69·2	62·1	29·7	42·4	19·7	54·2	119	22	42·6	·273	·66	1·36	16	N. & S.	1·6	4·7
November	29·935	82·4	71	38·8	47·5	23·5	61·5	125	32	52	·387	·71	2·38	8	N. & S.	2	4
December	29·957	84	74·3	40	40·9	24·4	63·9	131	29	53	·403	·68	2·25	7	N. & S.	1·5	4·4
MEAN	29·995	..	64·2	..	43·7	20·5	55·6	..	..	46·8	·326	·73	2·56	10	N. & S.	1·3	4·4
EXTREMES	..	Mar. 4, 90	..	Mar. 13, 23·9	..	..	..	Jan. 19, 133°	Mar. 13, 20	..	..	..	Total, 30·71	Total, 119.			

TABLE No. 3.

EPITOME OF RESULTS OF METEOROLOGICAL OBSERVATIONS AT THE DIFFERENT STATIONS FOR THE YEAR 1886.

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	29·942	100·0	60·7	27·0	42·6	18·1	56·4	...	...	53·2	·411	0·89	39·38	152	N.W., S.W., & E.N.E.	3·1	6·2
Hobart	29·926	100·2	61·6	29·5	45·4	16·2	54·4	160	18·7	47·46	·333	0·78	21·39	189	N.N.W. & S.	2·15	6·8
Oatlands	29·930	92·0	61·0	20·0	39·0	22·0	51·9	...	...	43·1	·278	0·71	23·44	91	N.N.W. & S.S.W.	2·3	6·2
Falmouth	29·955	95·0	61·3	26·0	44·7	16·6	54·4	...	...	46·7	·327	0·75	30·00	66	W.N.W., N.N.E., & S.	2·4	5·2
Launceston	29·995	90·0	64·2	23·9	43·7	20·5	55·6	133	20·0	46·83	·326	0·73	30·71	119	N. & S.	1·3	4·4
Low Head	30·004	80·0	61·4	31·0	47·4	14·0	55·6	...	...	50·0	·364	0·81	26·48	113	W.N.W., N.E., & S.E.	3·5	4·9
Circular Head	29·988	77·0	61·0	30·5	47·5	13·5	55·2	...	...	48·4	·342	0·79	29·09	162	E.N.E & S.W.	3·4	5·5

TABLE No 4.

MAXIMUM PRESSURE OF AIR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1886.

MONTHS.	SOUTHPORT.	HOBART.	OATLANDS.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	CIRCULAR HEAD.	CORINNA.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
January	30·497	30·482	30·439	30·530	30·511	30·506	30·439	30·430
February	30·399	30·292	30·278	30·330	30·341	30·324	30·315	30·328
March	30·447	30·365	30·314	30·345	30·441	30·370	30·429	30·493
April	30·555	30·537	30·484	30·567	30·586	30·554	30·518	30·591
May	30·480	30·490	30·451	30·476	30·502	30·482	30·475	30·505
June	30·506	30·463	30·426	30·483	30·553	30·528	30·521	30·514
July	30·754	30·720	30·647	30·702	30·754	30·715	30·704	30·692
August	30·412	30·411	30·386	30·477	30·470	30·475	30·436	30·485
September	30·488	30·482	30·443	30·460	30·550	30·533	30·500	...
October	30·260	30·220	30·171	30·276	30·236	30·270	30·234	...
November	30·241	30·217	30·169	30·263	30·269	30·292	30·274	30·306
December	30·403	30·367	30·345	30·461	30·411	30·407	30·343	30·453
MAXIMUM	30·754	30·720	30·647	30·702	30·754	30·715	30·704	30·692

TABLE No. 5.
MINIMUM PRESSURE OF AIR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1886.

MONTHS.	SOUTHPORT. —ft. above sea level. South.	HOBART. 190 ft. above sea level. South.	OATLANDS. 1400 ft. above sea level. Central.	FALMOUTH. 30 ft. above sea level. East.	LAUNCESTON. 62 ft. above sea level. North.	LOW HEAD. 25 ft. above sea level. North.	CIRCULAR HEAD. 64 ft. above sea level. North West.	CORINNA. 15 ft. above sea level. West.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
January	29·105	29·110	29·140	29·164	29·239	29·267	29·209	29·217
February	28·989	28·980	29·100	29·231	29·277	29·325	29·335	29·257
March	29·382	29·321	29·399	29·429	29·390	29·442	29·495	29·515
April	29·221	29·210	29·284	29·313	29·286	29·292	29·263	29·260
May	29·245	29·180	29·346	29·310	29·404	29·430	29·491	29·472
June	29·921	29·000	29·906	29·940	29·957	29·948	29·904	29·902
July	29·440	29·470	29·530	29·471	29·563	29·553	29·576	29·539
August	29·158	29·162	29·186	29·247	29·270	29·273	29·248	29·186
September	28·828	28·760	28·890	28·812	28·964	28·952	29·018	...
October	29·091	29·020	29·110	29·042	29·109	29·131	29·169	...
November	29·477	29·383	29·411	29·203	29·374	29·350	29·464	29·513
December	29·361	29·276	29·417	29·427	29·487	29·506	29·500	29·453
MIN.	28·828	28·760	28·890	28·812	28·964	28·952	29·018	...

TABLE No. 6.
BAROMETRIC RESULTS.
MEAN PRESSURE OF AIR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1886.

MONTH.	SOUTHPORT.	HOBART.	OATLANDS.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	CIRCULAR HEAD.	CORINNA.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
January	30·020	29·975	29·990	30·005	30·016	30·015	29·988	30·017
February	29·795	29·765	29·770	29·774	29·837	29·845	29·847	29·852
March	30·020	29·980	29·988	30·003	30·039	30·056	30·052	30·081
April	30·015	29·996	29·996	30·036	30·068	30·063	30·043	30·054
May	29·914	29·911	29·912	29·927	30·007	30·019	30·019	29·964
June	30·204	30·198	30·182	30·224	30·277	30·278	30·270	30·289
July	30·155	30·168	30·147	30·181	30·220	30·220	30·192	30·190
August	29·792	29·772	29·749	29·791	29·822	29·820	29·790	29·781
September	29·850	29·844	29·865	29·894	29·961	29·971	29·931	...
October	29·744	29·733	29·750	29·750	29·795	29·810	29·801	...
November	29·864	29·857	29·880	29·898	29·935	29·960	29·957	29·964
December	29·935	29·914	29·933	29·976	29·957	29·987	29·968	29·977
MEAN	29·942	29·926	29·930	29·955	29·995	30·004	29·988	...

TABLE No. 7.

THERMOMETRIC RESULTS.

MAXIMUM TEMPERATURE OF AIR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1886.

MONTHS.	SOUTHPORT.	HOBART.	OATLANDS.	FINGAL.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	MT. BISCHOFF.	CIRCULAR HEAD.	CORINNA.
January	100 ^o ·0	100 ^o ·2	92 ^o ·0	88 ^o ·0	95 ^o ·0	87 ^o ·5	80 ^o ·0	88 ^o ·0	77 ^o ·0	87 ^o ·0
February	80 ^o ·0	86 ^o ·5	87 ^o ·0	80 ^o ·0	83 ^o ·0	87 ^o ·8	73 ^o ·5	81 ^o ·0	74 ^o ·0	88 ^o ·0
March	94 ^o ·0	96 ^o ·0	88 ^o ·0	84 ^o ·0	87 ^o ·0	90 ^o ·0	77 ^o ·5	83 ^o ·0	76 ^o ·0	85 ^o ·0
April	75 ^o ·0	75 ^o ·7	82 ^o ·0	75 ^o ·0	82 ^o ·0	77 ^o ·6	70 ^o ·5	77 ^o ·0	76 ^o ·0	75 ^o ·0
May.....	68 ^o ·0	65 ^o ·8	64 ^o ·0	60 ^o ·0	65 ^o ·0	63 ^o ·5	64 ^o ·0	55 ^o ·0	62 ^o ·5	60 ^o ·0
June.....	60 ^o ·0	59 ^o ·2	59 ^o ·0	...	60 ^o ·0	58 ^o ·4	59 ^o ·0	54 ^o ·5	61 ^o ·0	58 ^o ·0
July.....	63 ^o ·0	59 ^o ·5	56 ^o ·0	53 ^o ·0	58 ^o ·0	60 ^o ·2	59 ^o ·5	54 ^o ·5	57 ^o ·0	61 ^o ·0
August	62 ^o ·0	61 ^o ·3	60 ^o ·0	55 ^o ·0	58 ^o ·0	60 ^o ·0	58 ^o ·0	54 ^o ·5	58 ^o ·0	60 ^o ·0
September	76 ^o ·0	78 ^o ·5	70 ^o ·0	69 ^o ·0	75 ^o ·0	69 ^o ·8	70 ^o ·0	66 ^o ·5	63 ^o ·5	...
October	73 ^o ·0	70 ^o ·0	68 ^o ·0	67 ^o ·0	69 ^o ·0	69 ^o ·2	63 ^o ·0	68 ^o ·0	65 ^o ·0	...
November	90 ^o ·0	92 ^o ·0	80 ^o ·0	77 ^o ·0	81 ^o ·0	82 ^o ·4	69 ^o ·5	77 ^o ·0	71 ^o ·5	79 ^o ·0
December	87 ^o ·0	91 ^o ·0	84 ^o ·0	79 ^o ·0	84 ^o ·0	84 ^o ·0	74 ^o ·0	84 ^o ·5	72 ^o ·0	84 ^o ·0
MAX.	100 ^o ·0	100 ^o ·2	92 ^o ·0	88 ^o ·0	95 ^o ·0	90 ^o ·0	80 ^o ·0	88 ^o ·0	77 ^o ·0	88 ^o ·0

TABLE No. 8.

MINIMUM TEMPERATURE OF AIR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1886.

MONTHS.	SOUTHPORT.	HOBART.	OATLANDS.	FINGAL.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	MT. BISCHOFF.	CIRCULAR HEAD.	CORINNA.
January	38 ^o ·0	46 ^o ·5	37 ^o ·0	44 ^o ·0	44 ^o ·0	45 ^o ·6	47 ^o ·5	34 ^o ·5	47 ^o ·0	45 ^o ·0
February	40 ^o ·0	42 ^o ·7	37 ^o ·0	41 ^o ·0	42 ^o ·0	39 ^o ·2	47 ^o ·0	36 ^o ·0	43 ^o ·0	43 ^o ·0
March	38 ^o ·0	40 ^o ·0	26 ^o ·0	34 ^o ·0	38 ^o ·0	35 ^o ·0	37 ^o ·5	29 ^o ·5	37 ^o ·0	40 ^o ·0
April	32 ^o ·0	35 ^o ·0	20 ^o ·0	30 ^o ·0	37 ^o ·0	32 ^o ·2	39 ^o ·4	27 ^o ·0	38 ^o ·0	40 ^o ·0
May.....	34 ^o ·0	36 ^o ·2	20 ^o ·0	30 ^o ·0	30 ^o ·0	31 ^o ·0	36 ^o ·2	27 ^o ·0	30 ^o ·5	34 ^o ·0
June.....	28 ^o ·0	30 ^o ·2	20 ^o ·0	28 ^o ·0	30 ^o ·0	25 ^o ·6	33 ^o ·5	26 ^o ·5	37 ^o ·0	34 ^o ·0
July.....	27 ^o ·0	29 ^o ·5	20 ^o ·0	23 ^o ·0	26 ^o ·0	23 ^o ·9	31 ^o ·0	26 ^o ·0	34 ^o ·0	30 ^o ·0
August	32 ^o ·0	33 ^o ·0	27 ^o ·0	30 ^o ·0	32 ^o ·0	28 ^o ·2	34 ^o ·5	27 ^o ·0	34 ^o ·5	34 ^o ·0
September	30 ^o ·0	32 ^o ·0	28 ^o ·0	32 ^o ·0	33 ^o ·0	32 ^o ·9	37 ^o ·5	27 ^o ·0	36 ^o ·0	...
October	35 ^o ·0	34 ^o ·0	27 ^o ·0	30 ^o ·0	31 ^o ·0	29 ^o ·7	34 ^o ·0	27 ^o ·0	36 ^o ·0	...
November	30 ^o ·0	40 ^o ·5	33 ^o ·0	38 ^o ·0	40 ^o ·0	38 ^o ·8	42 ^o ·0	32 ^o ·0	39 ^o ·0	43 ^o ·0
December.....	40 ^o ·0	38 ^o ·8	30 ^o ·0	41 ^o ·0	41 ^o ·0	40 ^o ·0	45 ^o ·0	31 ^o ·0	41 ^o ·0	44 ^o ·0
MIN.....	27 ^o ·0	29 ^o ·5	20 ^o ·0	23 ^o ·0	26 ^o ·0	23 ^o ·9	31 ^o ·0	26 ^o ·0	30 ^o ·5	30 ^o ·0

TABLE No. 9.
MEAN TEMPERATURE OF AIR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1886.
THERMOMETRIC RESULTS.

MONTHS.	SOUTHPORT.	HOBART.	OATLANDS.	FINGAL.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	MT. BISCHOFF.	CIRCULAR HEAD.	CORINNA.
	°	°	°	°	°	°	°	°	°	°
January	65.2	63.8	64.4	62.8	61.3	67.4	65.1	61.0	64.1	65.6
February	61.0	59.6	59.2	58.1	62.1	62.9	61.7	53.2	59.8	58.0
March	59.6	57.6	56.7	..	58.9	60.7	59.6	51.1	58.9	56.1
April	56.8	54.8	52.4	55.7	56.6	56.7	57.7	47.8	57.4	55.3
May	52.7	49.6	45.5	45.2	49.5	49.4	52.4	45.0	51.8	49.1
June	50.0	46.9	43.0	..	46.2	45.2	48.9	43.7	50.9	45.8
July	48.5	45.8	40.7	41.0	46.2	45.6	48.3	43.9	49.0	45.8
August	50.4	48.1	43.6	43.8	47.9	47.2	49.0	43.7	48.8	47.6
September	57.0	54.2	50.6	49.8	53.5	52.8	52.3	46.9	52.4	—
October	54.0	52.2	49.0	50.1	52.8	54.2	53.3	45.7	52.6	—
November	59.8	59.0	58.8	..	58.2	61.5	58.1	50.0	56.7	58.2
December	62.1	60.8	58.4	60.0	59.2	63.9	61.1	54.0	59.7	61.0
MEAN	56.4	54.4	51.9	..	54.4	55.6	55.6	48.8	55.2	—

TABLE No. 10.
MEAN TEMPERATURE OF DEW POINT AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1886.

MONTHS.	SOUTHPORT.	HOBART.	OATLANDS.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	CIRCULAR HEAD.
	°	°	°	°	°	°	°
January	60.7	56.1	52.0	54.2	55.6	58.0	57.2
February	58.2	47.3	46.5	53.2	51.2	54.0	52.0
March	52.3	49.6	45.5	51.5	48.7	53.0	49.9
April	53.7	49.0	44.4	49.5	48.6	51.4	49.2
May	49.8	44.7	38.8	42.7	43.3	46.7	45.9
June	47.7	43.5	35.9	36.6	40.6	45.5	45.2
July	45.7	41.5	35.2	37.6	40.9	44.5	44.3
August	47.1	43.8	37.7	39.7	40.8	44.4	43.5
September	54.5	46.5	45.0	44.6	44.7	47.2	47.0
October	51.9	45.5	39.8	44.0	42.6	47.3	45.0
November	58.1	49.8	47.7	55.0	52.0	52.9	49.2
December	58.9	53.2	48.2	51.8	53.0	54.5	51.8
MEAN	53.2	47.46	43.1	46.7	46.83	50.0	48.4

TABLE No. 11.
HYGROMETRIC RESULTS.
MEAN PRESSURE OF VAPOUR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1886.

MONTHS.	SOUTHPORT.	HOBART.	OATLANDS.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	CIRCULAR HEAD.
January	·531	·451	·388	·420	·443	·482	·469
February	·485	·327	·317	·405	·377	·418	·387
March	·392	·356	·305	·381	·344	·403	·360
April	·414	·347	·292	·355	·343	·379	·351
May	·359	·296	·236	·274	·280	·320	·309
June	·331	·282	·211	·217	·253	·305	·302
July	·307	·262	·205	·225	·256	·293	·291
August	·324	·286	·226	·244	·255	·292	·282
September	·426	·317	·247	·295	·295	·326	·323
October	·386	·305	·245	·288	·273	·327	·300
November	·484	·359	·331	·432	·387	·401	·351
December	·496	·406	·338	·385	·403	·425	·385
YEAR	·411	·333	·278	·327	·326	·364	·342

TABLE No. 12.
MEAN RELATIVE HUMIDITY AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1886.

MONTHS.	SOUTHPORT.	HOBART.	OATLANDS.	FALMOUTH.	LAUNCESTON.	LOW HEAD.	CIRCULAR HEAD.
January	·85	·76	·64	·77	·66	·78	·78
February	·90	·64	·63	·73	·66	·76	·75
March	·77	·75	·66	·76	·65	·79	·72
April	·90	·81	·74	·77	·74	·80	·74
May	·90	·83	·77	·77	·79	·81	·82
June	·92	·88	·76	·69	·84	·88	·81
July	·90	·85	·81	·72	·84	·86	·84
August	·89	·85	·80	·73	·78	·84	·82
September	·91	·75	·67	·72	·74	·83	·82
October	·92	·78	·69	·72	·66	·80	·76
November	·94	·72	·67	·89	·71	·83	·86
December	·89	·76	·69	·77	·68	·79	·75
YEAR	·89	·78	·71	·75	·73	·81	·79

TABLE No. 13.

MEAN AND EXTREME RESULTS FOR THE YEAR 1886.

From Observations taken at Hobart.

Barometer—

Highest reading	30.720 inches, on 17th July.
Lowest ditto	28.760 inches, on 7th September.
Range for the year	1.960 inches.

Thermometer—

Radiation, Solar, maximum	160°, on 5th January
Ditto, Terrestrial, minimum	18.7°, on 16th July.
Maximum in the shade	100.2° on 5th January.
Minimum ditto	29.5°, on 16th July.
Range for the year	70.7°
Highest mean daily reading for one month.....	63.8° January.
Lowest ditto ditto.....	45.8° July.

Humidity—

Mean maximum for one month (saturation=100)	.88, June.
Mean for the year	.78

Condensation—

Total for the year.....	21.39 inches.
Total Number of Rainy Days	189
Maximum fall for one month.....	2.88 inches, November.
Minimum ditto ditto	0.28 inches, June.
Maximum fall in 24 hours	1.56 inches, 9th January.

TABLE No. 14.

MAXIMUM TEMPERATURE OF THE AIR (IN SHADE) AT HOBART ON EACH DAY OF THE YEAR 1886.

Latitude, 42° 53' 25" S.: Longitude, 147° 20' 6" E. Distance from Sea Coast, 10 miles.

Day of Month.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	69·8	66·0	64·0	65·3	56·8	49·3	59·0	53·2	52·3	51·5	55·5	78·8
2	63·0	67·8	79·0	75·5	55·2	47·3	56·2	49·3	50·0	53·3	66·0	75·7
3	67·7	64·2	80·7	75·7	56·4	49·2	55·3	48·0	55·3	52·5	65·3	70·8
4	88·0	69·0	96·0	65·3	63·0	55·0	55·7	57·5	65·3	54·0	68·2	54·7
5	100·2	73·0	61·0	59·2	64·3	57·2	59·5	60·5	63·0	68·0	74·0	62·8
6	57·0	65·0	55·0	58·5	62·8	56·0	52·2	56·3	57·3	70·0	67·0	65·0
7	59·4	63·3	68·0	70·3	53·5	54·5	50·5	56·0	52·0	52·0	66·3	64·0
8	61·2	76·0	60·0	69·2	65·8	53·8	49·0	59·3	48·5	61·0	64·0	63·0
9	60·8	66·0	62·5	68·5	53·2	54·0	47·2	60·5	57·0	63·7	70·2	61·8
10	66·0	64·5	64·0	58·8	49·8	55·8	48·7	53·7	52·0	56·0	65·5	66·8
11	67·3	68·0	66·2	65·4	47·0	54·0	46·0	54·0	51·0	65·0	92·0	54·5
12	66·0	57·3	49·3	61·8	56·0	56·3	43·5	55·5	61·3	58·3	64·3	66·0
13	81·2	67·0	53·7	54·7	53·0	55·7	53·0	61·3	63·0	56·7	61·5	67·8
14	86·5	71·0	57·8	60·8	55·0	54·7	50·2	59·7	63·5	56·8	64·3	77·8
15	75·0	59·8	57·2	59·3	61·3	54·5	48·3	55·0	63·0	62·2	78·5	90·0
16	75·0	65·7	67·0	54·8	52·7	51·3	45·2	53·5	70·0	54·3	75·0	70·5
17	59·2	86·5	66·7	57·7	60·0	56·0	48·0	47·2	72·5	57·0	71·5	67·2
18	76·0	70·0	68·8	59·8	56·5	55·0	46·8	53·3	73·0	55·0	72·0	82·0
19	88·5	70·0	61·0	50·6	54·2	57·3	54·6	49·5	70·0	58·0	65·3	68·3
20	77·5	62·0	73·5	52·8	55·0	56·8	50·3	51·7	77·0	52·2	70·3	57·3
21	65·2	62·0	62·3	69·5	60·0	59·2	56·0	49·0	66·5	61·0	75·7	57·3
22	67·3	61·2	60·3	66·0	60·3	55·7	53·0	48·7	64·0	55·5	69·0	58·0
23	59·0	69·5	69·0	54·7	62·7	43·0	48·7	54·3	64·8	59·5	62·0	60·0
24	75·2	66·0	60·0	55·5	61·8	46·0	49·2	54·8	62·7	63·0	78·0	64·3
25	65·0	76·0	61·2	64·3	49·0	49·8	55·3	54·8	55·0	58·3	54·0	70·0
26	63·2	68·0	70·0	56·0	59·0	54·5	58·2	53·0	51·0	57·5	55·5	81·8
27	63·0	60·3	71·3	62·2	57·2	48·5	55·3	49·3	58·7	58·2	62·7	91·0
28	68·2	61·4	82·0	64·8	52·0	50·5	51·2	48·0	73·5	69·2	73·2	69·2
29	80·0	—	68·2	52·3	47·0	55·7	52·2	51·7	78·0	66·3	65·3	71·0
30	69·3	—	63·0	61·0	48·3	51·7	51·7	59·3	78·5	69·5	70·7	67·5
31	71·0	—	65·2	—	54·0	—	52·3	61·2	—	65·3	—	69·3
Mean of each Month	70·7	67·0	65·9	61·7	56·2	53·3	51·7	54·2	62·3	59·4	68·1	68·5

TABLE No. 15.

MINIMUM TEMPERATURE OF THE AIR (IN SHADE) AT HOBART ON EACH DAY OF THE YEAR 1886.

<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	57·2	48·0	43·0	51·0	44·8	39·2	43·0	35·0	41·2	51·5	47·3	53·0
2	47·0	54·0	52·0	49·0	37·6	34·0	46·7	40·2	43·2	35·0	46·2	57·3
3	46·8	50·5	58·5	55·0	40·8	30·2	40·0	46·8	39·2	40·0	43·3	54·0
4	55·0	44·8	59·0	50·0	45·0	37·0	37·7	45·0	46·0	41·0	49·8	44·7
5	72·0	55·0	61·0	50·2	44·0	41·5	50·0	38·7	44·8	42·7	53·2	44·0
6	54·2	50·8	50·0	49·3	45·0	39·0	46·0	38·3	43·2	51·0	52·0	48·8
7	47·2	49·0	52·8	52·0	44·2	37·7	36·0	39·8	44·8	43·0	49·0	51·0
8	52·8	48·7	47·7	47·3	43·0	35·0	32·0	37·5	40·2	34·0	44·8	50·0
9	48·8	54·5	47·8	52·5	42·2	37·8	30·0	38·5	38·0	41·5	52·7	52·0
10	48·8	54·0	53·0	52·0	41·3	43·8	32·0	41·2	41·0	35·0	46·0	47·7
11	49·0	51·0	50·0	44·5	36·2	44·7	36·2	33·2	38·3	40·5	49·3	45·3
12	46·5	46·3	40·0	48·7	37·5	41·2	39·0	45·0	32·0	44·5	60·0	38·3
13	52·8	45·2	40·0	39·2	39·3	45·0	35·7	45·8	37·0	44·5	48·7	45·7
14	59·5	46·7	48·8	35·0	42·0	36·2	42·8	48·0	41·0	37·0	40·5	50·3
15	57·7	48·2	48·0	37·0	43·0	39·7	30·0	41·3	42·0	35·0	45·0	62·8
16	61·5	44·2	49·2	43·6	38·0	39·2	29·5	37·0	41·8	45·5	56·3	55·0
17	56·5	49·5	42·8	47·5	42·7	35·0	33·2	40·0	45·5	45·5	42·0	51·5
18	50·0	51·0	46·0	50·5	48·2	43·0	30·3	40·7	53·8	43·2	46·2	54·2
19	59·0	56·0	42·0	49·5	44·2	48·0	34·0	39·3	52·0	46·0	49·5	52·0
20	61·3	57·0	45·2	43·0	40·8	43·5	36·0	44·8	56·2	47·0	47·0	43·3
21	57·2	50·7	52·3	45·0	44·5	42·5	38·5	45·0	51·5	48·7	51·0	43·8
22	56·0	53·2	47·8	57·5	41·3	44·0	38·8	41·3	41·2	45·5	52·0	46·3
23	51·0	53·0	42·0	40·8	45·5	38·0	40·7	34·3	41·0	41·0	41·0	48·0
24	59·0	53·7	51·2	36·5	43·2	37·2	37·5	37·8	48·0	40·0	47·0	50·5
25	53·2	51·2	40·0	45·3	38·0	37·0	41·5	33·0	45·0	40·0	52·3	50·5
26	51·2	51·5	45·3	48·8	41·7	37·8	43·0	37·8	44·0	42·5	41·8	52·2
27	53·0	49·0	48·0	38·5	39·8	34·5	47·0	41·2	34·3	45·0	41·7	58·0
28	55·0	42·7	53·7	43·2	40·0	37·0	47·2	37·8	40·0	45·5	51·0	55·7
29	56·8	—	55·0	43·0	38·0	42·3	39·0	45·0	47·0	41·3	48·7	53·2
30	58·0	—	51·0	44·8	37·2	39·2	33·2	37·5	59·2	42·0	49·5	46·5
31	50·5	—	45·2	—	38·8	—	38·0	40·7	—	41·2	—	51·0
Mean of each month.	54·3	50·3	48·7	46·3	41·5	39·3	38·2	40·2	43·7	42·5	48·2	50·2

TABLE No. 16.

SUMMARY OF DIRECTION OF THE WIND AT HOBART DURING EACH MONTH IN THE YEAR 1886.

DIRECTION.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			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.	9 A.M.	3 P.M.	9 P.M.	Amount.
North	9	3	5	5	2	2	12	2	4	8	4	5	7	5	6	10	8	8	12	10	11	8	8	5	13	8	11	7	2	3	9	1	5	9	2	3	233
North East.....	...	...	1	1	...	1	...	...	1	...	1	1	...	...	1	...	...	...	...	1	1	...	...	...	1	...	...	2	1	2	2	1	2	1	...	1	22
East.....	1	1	2	...	...	..	...	...	1	1	2	2	...	1	...	...	1	1	...	...	1	2	2	2	...	...	...	3	3	2	...	1	1	1	1	2	34
South East.....	8	22	6	3	13	2	2	13	1	1	11	...	...	1	1	...	1	1	1	3	2	1	6	2	...	6	...	3	13	3	3	13	...	4	15	5	166
South	2	...	4	1	3	5	3	4	4	4	2	5	1	1	2	1	...	2	2	1	2	2	3	3	...	1	3	2	1	7	2	1	4	4	4	7	93
South West	3	3	7	5	4	10	3	5	8	1	1	4	1	5	6	1	2	2	1	2	3	2	4	4	2	3	2	2	3	1	3	3	6	3	2	6	123
West	...	...	2	2	...	2	3	3	6	2	2	4	...	4	4	1	3	4	...	2	2	1	1	6	1	2	6	2	2	6	5	4	5	...	2	2	91
North West.....	3	2	1	7	6	5	5	4	3	6	4	8	14	7	8	7	8	7	10	6	7	10	6	7	12	9	7	6	5	6	3	5	7	7	4	3	225
Calms	5	...	3	4	...	1	3	...	3	7	3	1	8	7	3	10	7	5	5	6	2	5	1	2	1	1	1	4	1	1	3	1	...	2	1	2	109

TABLE No. 17.

TOTAL ESTIMATED MOTION OF AIR IN MILES, AND GREATEST VELOCITY OF THE WIND IN MILES PER HOUR, AS REGISTERED BY HAGAMANN'S ANEMOMETER.

January			March		
Date.	Total estimated Motion of Air in Miles.	Greatest Velocity in Miles per Hour.	Date.	Total estimated Motion of Air in Miles.	Greatest Velocity in Miles per Hour.
1.....	154	33	1.....	119	16
2.....	125	13 ³ / ₄	2.....	133	15 ¹ / ₄
3.....	118	13	3.....	113	13
4.....	233	24	4.....	228	23 ¹ / ₂
5.....	326	38	5.....	175	19
6.....	130	22	6.....	127	15 ¹ / ₄
7.....	85	11 ¹ / ₄	7.....	118	20
8.....	130	21 ¹ / ₂	8.....	207	25 ¹ / ₂
9.....	196	26	9.....	138	27 ¹ / ₂
10.....	103	14 ¹ / ₂	10.....	170	26 ¹ / ₂
11.....	145	21	11.....	166	25
12.....	111	15 ¹ / ₄	12.....	166	29
13.....	173	21	13.....	75	18
14.....	90	13 ³ / ₄	14.....	123	20 ¹ / ₂
15.....	67	11 ¹ / ₄	15.....	90	13
16.....	133	20	16.....	72	4 ¹ / ₂
17.....	99	13	17.....	85	6
18.....	103	13	18.....	151	24
19.....	163	19	19.....	81	4 ¹ / ₂
20.....	95	23	20.....	108	13
21.....	118	14 ¹ / ₂	21.....	143	21 ¹ / ₂
22.....	95	9 ¹ / ₂	22.....	138	21
23.....	90	7 ³ / ₄	23.....	76	11 ¹ / ₄
24.....	214	25 ¹ / ₂	24.....	103	20
25.....	103	11 ¹ / ₂	25.....	81	7 ³ / ₄
26.....	130	17	26.....	99	15 ¹ / ₄
27.....	183	21 ¹ / ₂	27.....	72	4 ¹ / ₂
28.....	104	11 ¹ / ₄	28.....	169	24
29.....	163	26	29.....	72	14 ¹ / ₂
30.....	172	24	30.....	136	25
31.....	99	7 ³ / ₄	31.....	134	22
	4250	38		3868	29
February			April		
1.....	133	20 ¹ / ₂	1.....	177	22 ¹ / ₂
2.....	131	22 ¹ / ₂	2.....	94	18
3.....	136	22	3.....	144	9 ¹ / ₂
4.....	90	13 ³ / ₄	4.....	76	6
5.....	110	26 ¹ / ₂	5.....	76	7 ³ / ₄
6.....	147	22	6.....	112	7 ³ / ₄
7.....	95	20 ¹ / ₂	7.....	104	13
8.....	100	21	8.....	118	21
9.....	113	13 ³ / ₄	9.....	151	20
10.....	104	27	10.....	76	16
11.....	286	53	11.....	72	20 ¹ / ₂
12.....	158	32	12.....		
13.....	117	17	13.....		
14.....	148	23	14.....		
15.....	148	22 ¹ / ₂	15.....		
16.....	76	11 ¹ / ₄	16.....		
17.....	103	15	17.....		
18.....	103	14 ¹ / ₂	18.....		
19.....	85	9 ¹ / ₂	19.....		
20.....	115	22	20.....	Record unaccountably lost.	
21.....	76	13	21.....		
22.....	90	9 ¹ / ₂	22.....		
23.....	103	13	23.....		
24.....	104	7 ³ / ₄	24.....		
25.....	145	21 ¹ / ₂	25.....		
26.....	108	18	26.....		
27.....	307	38	27.....		
28.....	136	24 ¹ / ₂	28.....		
	3567	53	29.....		
			30.....		

<i>Date.</i>			<i>Date.</i>		
	<i>Total estimated Motion of Air in Miles.</i>	<i>Greatest Velocity in Miles per Hour.</i>		<i>Total estimated motion of Air in Miles.</i>	<i>Greatest Velocity in Miles per Hour.</i>
May 1	...	...	July 1	81	20 $\frac{1}{2}$
2	...	...	2	94	18
3	...	...	3	72	9 $\frac{1}{2}$
4	...	...	4	133	22
5	145	16	5	219	45
6	186	29 $\frac{1}{2}$	6	114	22 $\frac{1}{2}$
7	126	21	7	81	14 $\frac{1}{2}$
8	252	35	8	72	9 $\frac{1}{2}$
9	273	37	9	81	13
10	243	36	10	81	16
11	171	26	11	145	29
12	216	26	12	210	26 $\frac{1}{2}$
13	108	13	13	147	23 $\frac{1}{2}$
14	103	7 $\frac{3}{4}$	14	81	14 $\frac{1}{2}$
15	108	6	15	72	7 $\frac{3}{4}$
16	126	15 $\frac{1}{4}$	16	81	13 $\frac{3}{4}$
17	138	20	17	84	14 $\frac{1}{2}$
18	103	14 $\frac{1}{2}$	18	94	14 $\frac{1}{2}$
19	218	36	19	76	13
20	160	27	20	81	15 $\frac{1}{4}$
21	109	18	21	117	14 $\frac{1}{2}$
22	108	18	22	117	17
23	88	9 $\frac{1}{2}$	23	81	13 $\frac{3}{4}$
24	72	4 $\frac{1}{2}$	24	85	13
25	114	22	25	103	21
26	187	26 $\frac{1}{2}$	26	81	11 $\frac{1}{4}$
27	172	36	27	96	19
28	99	16	28	132	22
29	112	17	29	72	6
30	85	11 $\frac{1}{4}$	30	72	7 $\frac{3}{4}$
31	72	6	31	72	4 $\frac{1}{2}$
	...	37		3127	45
June 1	90	9 $\frac{1}{2}$	August 1	81	13 $\frac{3}{4}$
2	127	15 $\frac{1}{4}$	2	96	15 $\frac{1}{4}$
3	81	11 $\frac{1}{4}$	3	96	16
4	88	13	4	90	9 $\frac{1}{2}$
5	87	9 $\frac{1}{2}$	5	87	16
6	72	7 $\frac{3}{4}$	6	99	13
7	111	17	7	99	17
8	102	7 $\frac{3}{4}$	8	207	22 $\frac{1}{2}$
9	75	9 $\frac{1}{2}$	9	223	38
10	94	11 $\frac{1}{4}$	10	147	20 $\frac{1}{2}$
11	85	6	11	126	22 $\frac{1}{2}$
12	105	18	12	136	22
13	162	25 $\frac{1}{2}$	13	129	21
14	81	11 $\frac{1}{4}$	14	207	28 $\frac{1}{2}$
15	90	18	15	117	14 $\frac{1}{2}$
16	108	11 $\frac{1}{4}$	16	85	17
17	72	6	17	108	18
18	112	20	18	136	21 $\frac{1}{2}$
19	192	25 $\frac{1}{2}$	19	157	22
20	85	19	20	141	21
21	76	15 $\frac{1}{4}$	21	181	27 $\frac{1}{2}$
22	207	34	22	112	21 $\frac{1}{2}$
23	171	26	23	81	9 $\frac{1}{2}$
24	117	26	24	85	21
25	72	13	25	81	9 $\frac{1}{2}$
26	72	6	26	90	14 $\frac{1}{2}$
27	76	13	27	72	6
28	99	18	28	72	4 $\frac{1}{2}$
29	138	24	29	90	16
30	138	20 $\frac{1}{2}$	30	100	15 $\frac{1}{4}$
	3185	34	31	76	9 $\frac{1}{2}$
				3607	38

<i>Date.</i>			<i>Total estimated Motion of Air in Miles.</i>	<i>Greatest Velocity in Miles per Hour.</i>	<i>Date.</i>			<i>Total estimated Motion of Air in Miles.</i>	<i>Greatest Velocity in Miles per Hour.</i>
September	1.....	151	23	November	1.....	127	21½		
	2.....	228	40		2.....	81	14½		
	3.....	252	43		3.....	120	18		
	4.....	204	31½		4.....	105	19		
	5.....	204	29		5.....	174	33		
	6.....	156	31		6.....	291	43		
	7.....	132	27		7.....	318	47		
	8.....	112	23½		8.....	309	43		
	9.....	112	15¼		9.....	219	40		
	10.....	105	22½		10.....	81	11¼		
	11.....	72	6		11.....	270	40¼		
	12.....	81	11¼		12.....	99	26		
	13.....	90	13¼		13.....	136	26		
	14.....	85	7¾		14.....	90	13		
	15.....	72	7¾		15.....	156	22		
	16.....	103	16		16.....	225	46		
	17.....	108	20		17.....	159	23		
	18.....	217	24		18.....	90	18		
	19.....	148	30½		19.....	120	21		
	20.....	135	26		20.....	132	20½		
	21.....	90	18		21.....	94	15¼		
	22.....	85	7¾		22.....	129	26½		
	23.....	118	22		23.....	99	14½		
	24.....	219	37		24.....	189	24		
	25.....	156	30½		25.....	135	30		
	26.....	114	19		26.....	132	22½		
	27.....	99	9½		27.....	108	22		
	28.....	94	15¼		28.....	94	20		
	29.....	202	28		29.....	90	16		
	30.....	273	37		30.....	186	30		
			4217	43				4558	47
October	1.....	180	38	December	1.....	224	26½		
	2.....	94	13		2.....	117	19		
	3.....	118	19		3.....	109	23½		
	4.....	85	6		4.....	76	16		
	5.....	129	21		5.....	103	13¾		
	6.....	342	50		6.....	99	15¼		
	7.....	177	39		7.....	90	9½		
	8.....	127	22		8.....	114	16		
	9.....	189	29		9.....	124	20		
	10.....	94	9½		10.....	159	23½		
	11.....	220	38		11.....	126	23		
	12.....	192	29½		12.....	90	17		
	13.....	168	30½		13.....	90	14½		
	14.....	117	11¼		14.....	99	15¼		
	15.....	90	13¾		15.....	219	20½		
	16.....	99	9½		16.....	126	24		
	17.....	94	13		17.....	90	17		
	18.....	76	7¾		18.....	225	38		
	19.....	99	13		19.....	204	33		
	20.....	94	13¾		20.....	103	21½		
	21.....	99	7¾		21.....	153	26		
	22.....	156	21½		22.....	141	26		
	23.....	201	23		23.....	196	24		
	24.....	123	21		24.....	118	18		
	25.....	94	22½		25.....	120	21		
	26.....	108	24½		26.....	90	14½		
	27.....	88	18		27.....	216	33		
	28.....	85	13		28.....	201	35		
	29.....	94	13¾		29.....	132	25½		
	30.....	216	44		30.....	90	16		
	31.....	285	42		31.....	138	24		
			4333	50				4182	38

TABLE OF CORRESPONDING VELOCITIES AND PRESSURES.

<i>Miles per hour.</i>	<i>Pounds per sq. foot.</i>	<i>Miles per hour.</i>	<i>Pounds per sq. foot.</i>	<i>Miles per hour.</i>	<i>Pounds per sq. foot.</i>
1.50	2.00	19	12.56	46	21.3
3.00	4.00	20	12.75	48	22.3
4.50	6.00	22	13.	50	23.25
6.00	8.00	24	13.5	52	24.25
7.75	8.75	26	14.	54	25.3
9.50	9.50	28	14.6	56	26.5
11.25	10.25	30	15.25	57.5	27.25
13.00	11.00	32	16.	59	28.1
13.75	11.25	34	16.5	61	29.3
14.50	11.50	36	17.25	63	30.6
15.25	11.75	38	18.	65	32.
16.00	12.00	40	18.75	66	32.5
17.00	12.18	42	19.6	67	33.2
18.00	12.37	44	20.4	68	34.

TABLE No 18.

TABLE SHOWING THE NUMBER OF HOURS OF SUNSHINE AT HOBART DURING THE YEAR 1886.

The last column gives the possible Number of Hours of Sunshine; an allowance having been made at Sunset and Sunrise in the record on account of obstructions.

MONTHS.	Hours Sun above Hori- zon middle of each Month.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.	29.	30.	31.	Total No. of Hours of Sun- shine.	Total possible No. of Hours of Sun- shine.
January	14.9	10.3	11.8	12.3	12.3	9	..	..	..	10.5	6.5	9	12.5	12.5	12.5	12.2	11.2	..	10.5	11	2.3	5	4.5	8	10	4.2	..	7.5	4.5	9.5	3	6	231	388
February	13.7	10.5	5.5	9.5	4.3	..	7	..	9	11.2	2	3	2	10	..	10.8	10	11.7	11	3.5	..	3	2.5	4	1.7	10	9.7	10	8.5	..	..	..	170	291
March	12.4	10.5	7.2	6.5	10.3	..	..	7	9.3	4.7	1.5	2.5	..	7.5	4	8.2	8.7	10	8	10	2.7	5.5	6.5	8.7	7.2	9	8.8	9.2	8	3	3.5	9.5	197	332
April	10.9	..	7.7	..	1.5	3.5	..	7.5	8.5	7.8	9.3	9.7	2.8	5	9.5	9.4	..	1.2	3.3	..	..	9.2	..	6.7	6	6.5	2.5	7.7	6.7	5.3	7.3	..	145	279
May	9.6	2.5	3	4.7	5.5	7	5.3	6	7.2	6.5	6	6	2.5	5.5	.5	8	2.3	2.7	2.5	3	4.2	6.5	8	7	5.2	..	4.8	6.5	7.2	4	..	7.5	147	235
June	9	7.2	8	7.8	6.5	7.6	8.4	3.7	7	.7	1	..	5.5	..	8.2	5.3	7	5	.6	3.5	8	8.3	4.5	6	5	3.3	8	3	1.2	2.5	1.5	..	144	232
July	9.2	5.3	4	6.3	.5	..	1	8.2	8	7.5	1.3	7.5	4.5	7.5	4	7.5	5	8.2	4.8	8.5	4	6	3.5	3.3	1.3	3.2	5	..	..	1.5	7.8	..	135	248
August	10.3	4.7	..	..	4.2	6	6.5	4.2	7.5	2.5	4.8	.4	8	5.7	5	6.2	7.5	3.5	7.5	3	..	.7	3.8	5	8.3	8.3	6.5	1	.5	2	6.2	9	138	279
September	11.7	3.5	2.2	4.2	3.5	5	2	1.3	6.5	5.5	6	1.5	6	2	5	9.7	7	9.5	9	2.7	5.7	..	9.2	9	7.5	8	2	9.3	9.3	8	7.5	..	168	312
October	13.1	..	7	5.5	6.5	4.5	6	4.5	9.7	5	6.5	7	6	5.5	9.5	9.2	.7	3.5	.5	..	..	2.5	6.5	6.5	5	3	5.5	4.5	4.5	8.3	6	5.2	155	354
November	14.5	8.8	9.5	11.2	1.5	11.3	10.5	9.3	8.5	8.8	8	4	2.5	4.8	12	1.2	5.8	10.7	10.2	9.5	8	10.7	5.2	12	11.5	..	2	8	12	10.8	3	..	231	365
December	15.2	12.3	9.7	10.2	..	9	6	3.7	5.7	3.5	6.5	8	12	10.8	10	3	11.2	9.5	4	9	7	10	6	8.5	8	12	12	6.5	9.5	9	5	8	246	403

TABLE No. 19.

RAINFALL IN TASMANIA DURING THE YEAR 1886.

Showing the Latitude and Longitude, and Distance from the Sea Coast of each Station, and Number of Days Rain fell during each Month, and Total Rainfall.

Stations.	Latitude, South.			Longitude, East.			Distance from Sea Coast.	JANUARY.		FEBRUARY.		MARCH.		APRIL.		MAY.		JUNE.		JULY.		AUGUST.		SEPT.		OCTOBER.		NOVEMBER.		DECEMBER.		TOTAL.					
								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.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.
Southport	43	26	0	147	1	0	Coast.	No. 9	Inches. 2-23	No. 14	Inches. 3-87	No. 11	Inches. 2-81	No. 12	Inches. 3-95	No. 17	Inches. 5-20	No. 8	Inches. 1-74	No. 12	Inches. 2-41	No. 16	Inches. 3-70	No. 12	Inches. 2-57	No. 18	Inches. 5-32	No. 12	Inches. 3-88	No. 11	Inches. 1-70	No. 152	Inches. 39-38				
Franklin	43	5	0	147	3	0	15	7	2-62	7	1-84	13	2-56	14	2-42	18	3-76	17	1-23	15	1-12	16	3-61	15	3-64	23	3-66	11	2-75	10	1-42	166	30-63				
Mount Nelson	42	55	0	147	21	0	7	7	2-99	11	1-96	9	1-82	13	2-60	15	1-62	5	0-22	8	0-85	11	3-06	11	1-29	20	2-57	9	2-82	8	0-90	127	22-70				
Clarence Plains	42	54	0	147	24	0	8	7	2-50	7	1-80	9	1-68	10	2-67	14	1-88	7	0-27	10	0-61	13	2-03	11	1-02	22	1-82	10	3-15	10	1-08	130	20-51				
Hobart	42	53	0	147	21	0	10	11	2-76	17	2-32	14	1-37	15	2-39	20	2-06	13	0-28	16	0-85	20	2-53	17	1-44	24	1-76	12	2-88	10	0-75	189	21-39				
Botanical Gardens, Hobart	42	52	0	147	20	0	12	8	2-94	13	2-07	10	0-85	15	2-24	16	1-63	7	0-14	8	0-57	11	2-14	11	1-23	22	1-36	10	2-59	7	0-52	138	18-28				
Richmond	42	45	0	147	30	0	19	9	3-89	13	1-72	8	1-14	14	2-66	13	1-69	7	0-15	13	0-91	12	2-55	11	0-93	22	1-70	7	3-00	10	0-82	139	21-16				
Carnarvon	43	8	0	147	53	0	2	9	3-51	11	2-45	15	3-26	14	3-15	20	4-78	10	2-87	13	2-77	19	6-32	14	3-21	22	3-86	10	4-05	12	1-37	169	41-60				
Eagle-hawk Neck	43	1	0	147	58	0	Coast.	...	...	12	1-87	13	3-52	10	2-59	19	3-21	8	2-43	13	2-17	17	4-59	9	1-76	16	2-62	10	4-43	3	0-61	130	29-80				
Swansea	42	8	0	148	7	0	Coast.	7	5-06	3	2-66	5	2-22	6	2-63	4	1-28	2	1-21	5	1-79	8	8-79	3	0-72	6	1-67	3	2-31	4	0-98	56	31-32				
New Norfolk	42	37	0	146	56	0	23	5	1-99	12	2-44	9	1-12	8	1-79	16	3-45	9	0-55	8	0-81	15	1-33	13	2-66	16	1-85	10	2-66	7	0-88	128	21-53				
Hamilton	42	34	0	146	52	0	30	4	2-10	9	1-85	8	1-01	8	2-24	13	2-44	6	0-18	9	0-87	16	1-99	13	1-35	13	1-19	4	2-01	6	0-54	109	17-77				
Bothwell	42	25	0	147	3	0	38	...	...	13	2-30	9	1-03	7	2-26	12	2-27	6	0-29	7	1-02	13	3-06	8	1-69	14	1-05	7	2-25	9	0-51	105	17-73				
Oatlands	42	18	0	147	24	0	28	7	3-52	9	1-93	5	1-25	5	2-45	11	1-92	4	0-44	7	0-74	12	3-67	9	1-59	13	2-47	5	2-55	4	0-91	91	23-44				
Campbell Town	41	56	0	147	34	0	38	7	2-26	9	1-61	5	1-56	9	2-25	10	1-75	2	0-25	3	0-94	17	2-52	7	1-62	14	2-68	5	1-69	7	0-87	95	20-00				
Fingal	41	40	0	147	48	0	13	7	3-91	7	1-99	3	1-44	7	1-54	7	2-02	3	1-15	9	1-47	15	5-62	7	2-15	14	1-46	6	2-59	6	0-94	91	26-28				
Killymoon, Fingal	41	35	0	148	10	0	9	9	5-55	9	2-85	6	1-04	10	1-45	13	1-57	13	3-10	11	3-88	19	9-99	6	2-02	17	1-75	8	2-54	6	0-97	127	36-71				
Falmouth	41	32	0	148	19	0	Coast.	5	4-23	6	2-80	2	0-67	5	1-44	6	1-38	1	0-59	5	1-07	13	8-21	4	1-64	6	1-85	7	3-54	6	2-58	66	30-00				
Gould's Country	41	15	0	148	0	0	13	5	6-52	7	3-63	3	1-41	9	2-34	10	3-29	4	1-64	12	5-30	16	13-11	9	4-54	15	3-35	9	4-06	10	1-67	109	50-86				
Scottsdale	...	...	...	...	...	...	...	10	4-61	10	5-31	5	0-68	13	3-41	15	6-83	7	0-41	10	2-51	17	6-73	11	6-85	14	2-49	9	2-84	11	2-29	132	44-96				
Boobyalla	40	53	0	147	56	0	11	6	3-48	5	2-95	3	1-07	4	0-49	3	1-05	2	0-41	5	0-94	13	6-85	6	2-59	8	3-22	4	2-00	6	2-42	65	27-47				
Low Head	41	3	0	146	48	0	Coast.	8	4-43	6	2-95	3	0-53	12	1-12	14	2-26	6	0-68	9	2-12	20	3-97	10	3-77	15	1-59	6	2-11	4	0-95	113	26-48				
Launceston	41	30	0	147	14	0	28	8	3-52	9	3-08	3	1-39	12	2-44	14	3-10	3	0-61	9	2-43	18	4-77	12	3-38	16	1-36	8	2-38	7	2-25	119	30-71				
Longford	41	36	0	147	4	0	35	...	...	8	1-92	3	1-37	10	3-13	4	1-22	2	0-94	4	1-66	14	4-72	8	2-94	4	1-73	1	2-34	5	1-49	63	23-46				
Deloraine	41	30	0	146	40	0	23	9	3-62	11	3-23	7	0-72	13	2-76	17	3-36	8	1-02	15	2-26	19	7-42	15	5-37	14	2-49	8	3-00	10	1-57	146	36-82				
Latrobe	41	13	0	146	25	0	3	5	4-99	6	3-81	4	0-58	8	2-50	11	4-09	3	0-88	8	3-86	17	6-56	10	4-48	11	2-73	3	3-16	3	1-74	89	39-38				
Emu Bay	41	4	0	145	56	0	Coast.	...	...	...	...	...	...	...	...	...	...	7	0-87	14	3-40	14	3-99	11	4-22	17	2-24	7	1-51	4	1-43	...	...				
Broomfield, S.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
Emu Bay	41	15	0	145	46	0	15	14	4-92	11	4-17	9	0-84	9	3-48	16	5-46	10	1-39	14	6-18	22	10-59	10	7-28	12	5-00	6	5-18	7	1-82	140	56-31				
Mount Bischoff	41	25	0	145	34	0	28	17	2-70	21	5-37	20	4-44	24	5-49	26	11-26	24	3-54	24	6-47	28	10-66	18	10-54	24	9-22	22	5-23	16	3-20	264	78-12				
Circular Head	40	45	0	145	17	0	Coast.	9	3-16	12	1-82	8	0-22	12	1-53	19	4-27	13	0-99	18	1-75	20	6-72	15	2-37	18	2-86	9	2-05	9	1-35	162	29-09				
Black River	40	50	0	145	17	0	5	...	...	15	2-10	14	0-96	16	2-63	25	5-54	14	1-11	22	2-57	22	7-71	16	6-47	22	4-56	17	2-78	10	1-44	193	37-87				
Corinna	41	40	0	145	6	0	9	9	3-85	17	4-47	15	3-97	17	5-62	24	10-28	20	4-41	14	5-23	21	7-61	...	8-16	13	6-50	17	5-61	13	3-23	...	68-94				

TABLE No. 20.

TABLE OF RAINFALL AT LIGHTHOUSES FOR THE YEAR 1886.

Showing the Number of days Rain fell during each Month, and Total Rainfall.

1886.	KING'S ISLAND.		KENT'S GROUP.		GOOSE ISLAND.		SWAN ISLAND.		SOUTH BRUNY.	
	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.
	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.
January	8	6·26	6	2·63	8	1·70	8	4·52	6	3·32
February	11	2·65	9	3·13	8	2·36	4	1·97	13	3·11
March.....	5	0·24	6	1·42	5	2·48	5	1·90	15	2·27
April.....	6	1·07	9	1·19	9	0·45	4	0·56	17	3·72
May.....	15	1·56	11	2·12	9	1·71	13	2·11	17	4·53
June.....	14	1·10	4	0·41	2	0·28	2	0·19	10	1·39
July.....	9	1·69	13	1·92	8	1·13	9	0·99	13	2·73
August.....	19	3·09	19	5·69	16	5·40	15	5·10	18	2·68
September	15	2·87	12	2·91	12	2·77	9	2·53	11	2·87
October	...	...	12	5·28	11	2·46	14	2·66	21	4·09
November	...	...	4	1·31	...	...	4	1·59	9	3·20
December.....	3	0·81	7	1·75	8	1·25	7	1·56	6	1·07
TOTAL	...	...	112	29·76	...	...	94	25·68	156	34·98