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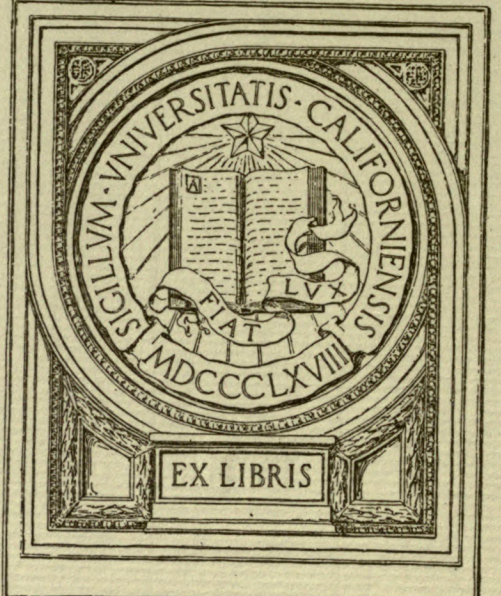
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UNIVERSITY
APR 11 1902
OF CALIFORNIA.
MT. HAMILTON, CAL.

1901.

WESTERN AUSTRALIA.

9666

THE CLIMATE

OF

WESTERN AUSTRALIA,

FROM

Meteorological Observations made during the Years

1876-1899.

COMPILED BY

W. ERNEST COOKE, M.A., F.R.A.S.,

GOVERNMENT ASTRONOMER.

PERTH:

BY AUTHORITY: WM. ALFRED WATSON, GOVERNMENT PRINTER.

1901.

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ERRATA.

Page 4.—Add MAPS { Average monthly and yearly climate maps. / Average monthly and yearly rain maps.

„ 30.—1888 mean minimum, June—*for* 7·83 *read* 37·8.

„ 30.—Average: Lowest minimum, December—*for* 40·0 *read* 39·0.

„ 31.—Monthly number of wet days.—1881, July—*for* 51 *read* 15.

„ 43.—*For* London *read* Condon.

„ 97.—Line 2, *for* page 7 *read* page 8.

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METEOROLOGICAL REPORT, 1876-1899.

To the Honourable the Colonial Secretary, Perth.

SIR,

I have the honour to transmit herewith a report on the weather and climate of Western Australia. Annual reports have been issued year by year since 1876, and the present volume comprises a selection and co-ordination of the principal facts which have been elicited during these last 24 years.

The need for a book dealing generally with the climate of this State is obvious, and I have had it in mind to issue one ever since my appointment. The pressure of other work, however, has prevented me from making rapid progress with its preparation, but it is now completed and will form a most fitting contribution to science from this Observatory as the first of the new century.

A considerable amount of labour has been entailed in checking and inspecting the old records. In a number of cases the observations were palpably erroneous, and these have been rejected.

This has caused many gaps in the records, but it was considered better to publish only those figures which were felt to be fairly reliable.

The resulting tables will now be found to represent with considerable accuracy the general meteorological features of the country, and will probably be consulted largely by farmers, pastoralists, bankers, doctors, immigrants, and all those whose interests are affected in one way or another by the climate of the country of their adoption.

I have, etc.,

W. ERNEST COOKE,

Government Astronomer.

31st January, 1901.

INTRODUCTION.

The advisability of taking meteorological observations was first officially recognised in 1876, when a meteorological branch was added to the Surveyor General's Department, and readings of the barometer, temperature, etc., were commenced under the direction of the late Sir Malcolm Fraser. In the following year Mr. M. A. C. Fraser was appointed Observer, and continued to hold that office until February, 1896, when it was decided to establish an astronomical observatory, and to transfer the charge of the meteorological department thereto.

Meanwhile the system had been extended by placing instruments in the hands of the postal officials in country towns, and at the end of 1895 there were 15 of these contributing regular returns. The results of the observations up to the end of 1894 have been published in a series of annual reports. Those for 1895 and 1896 were not prepared for press, owing to the fact that the Government Astronomer had no clerical staff, and found his time fully occupied in thoroughly reorganising the service, formulating plans for the new Observatory, and inspecting the astronomical instruments at the workshops in London and Dublin. In 1897 the first of a new series of meteorological reports was issued from the Observatory, and this has been followed by those for 1898 and 1899. In the introduction to the first of these a promise was made to issue a book upon the Climate of this Colony, and the present volume is the fulfilment of that promise.

It is to be hoped that no misconstruction will be placed upon the expression of the opinion that on the whole the observations up to the end of 1896 are not to be compared for general accuracy with those now current. Nothing but the greatest credit is due to Sir Malcolm and Mr. M. A. C. Fraser for their efforts in the cause of science at a time when the Colony was completely out of touch with the rest of the world; but no man can perform impossibilities, and all those who have experienced the difficulties of obtaining satisfactory scientific work from outlying districts of a vast newly-developing country must know that it is next door to impossible to get accurate results without frequent personal visits and continuous inspection. This was not practicable under the former conditions, and it is only to be expected that the reports for those past years (to the end of 1896) frequently indicate carelessness and lack of interest.

These remarks have been considered necessary in order that readers may appraise the following tables at their proper value.

In a somewhat crude inspection of the original returns any obviously incorrect observations have been struck out and all the additions, etc., have been checked, so that it may be safely assumed that the results in this volume give a close approximation to the truth; sufficiently so for all practical purposes, but scarcely to be considered quite accurate enough for the scientist.

It was originally intended to publish results up to the end of 1896 only, but since that time several new stations have been opened in just those regions which are of the greatest popular interest, so the whole has been brought forward to the end of 1899.

In dealing with the figures for Perth two things should be remembered: 1st, that the thermometers were removed in August, 1885, from the neighbourhood of the Surveyor General's office to an octagon-shaped louvered house in the Botanical Gardens, giving apparently a slightly lower record for the later years; and 2nd, that these observations were not discontinued when the Observatory was established. A new series was started at the Observatory on 1st January, 1897, but the figures for Perth, here quoted, are those for the Botanical Gardens up to the end of 1899.

The following pages are divided into three parts:

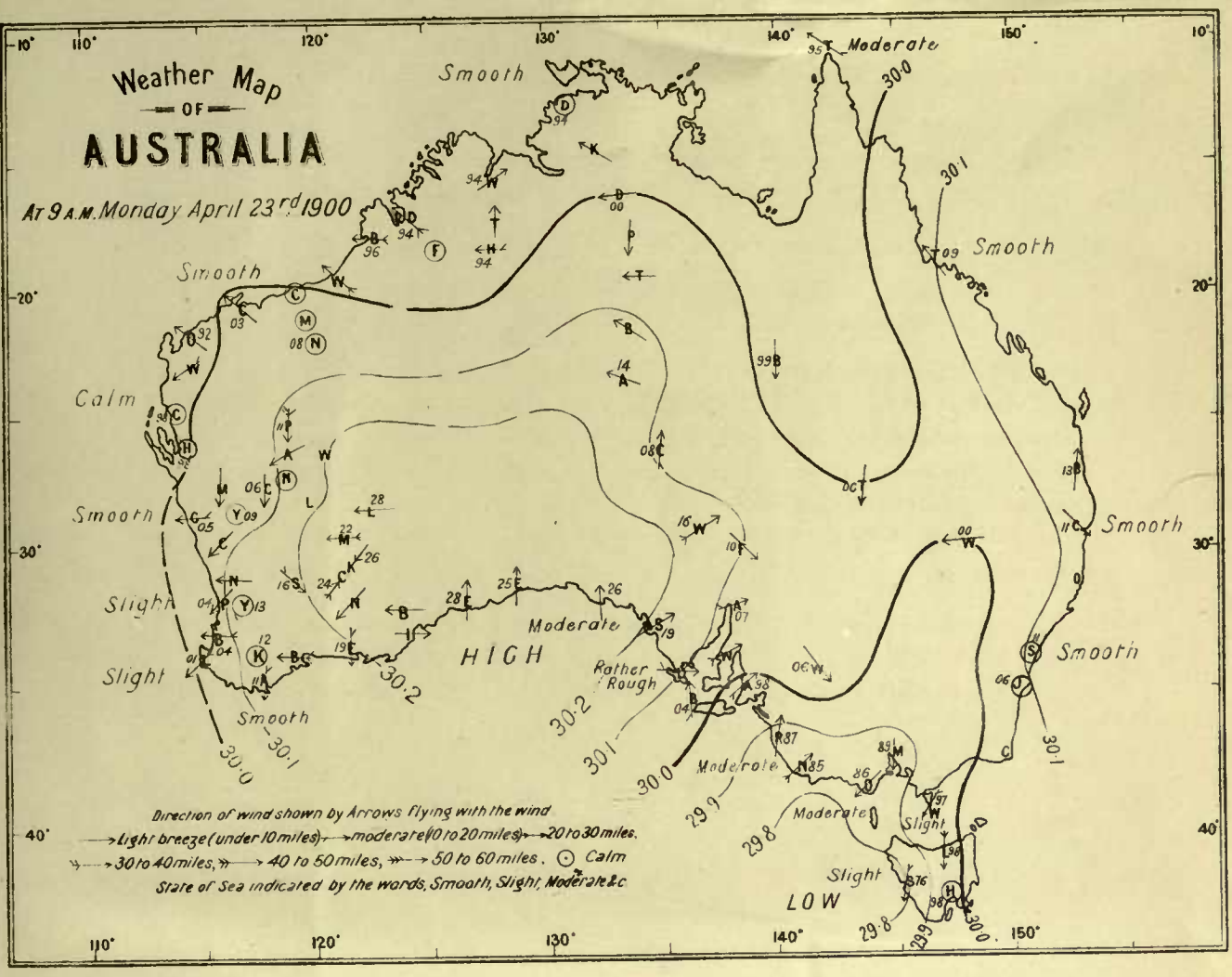
I. A general description of the types of weather most frequently experienced.

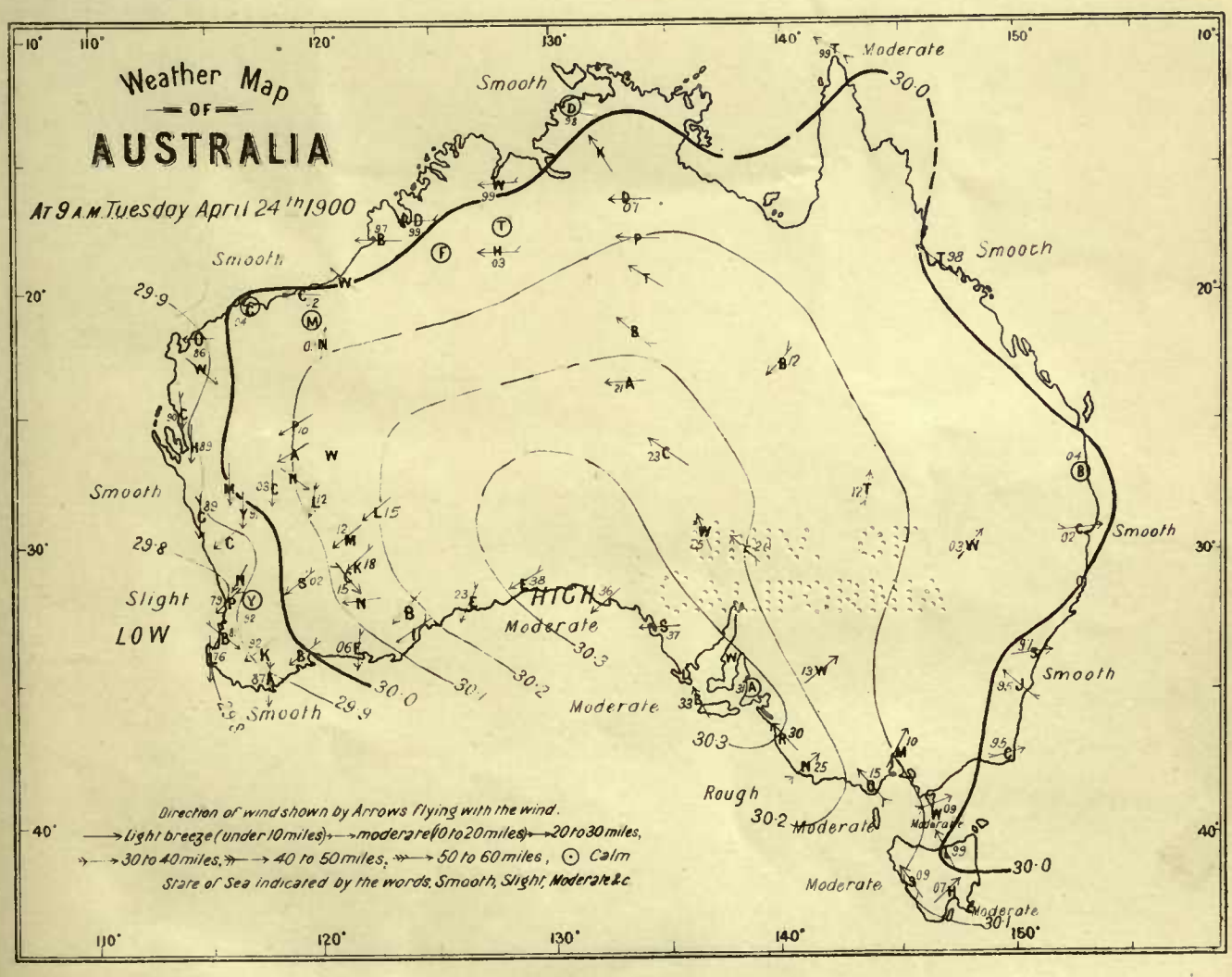
II. A general description of the Climate, with special reference to that of Perth.

III. Climatological Tables, from the commencement of records up to the end of 1899, with maps.

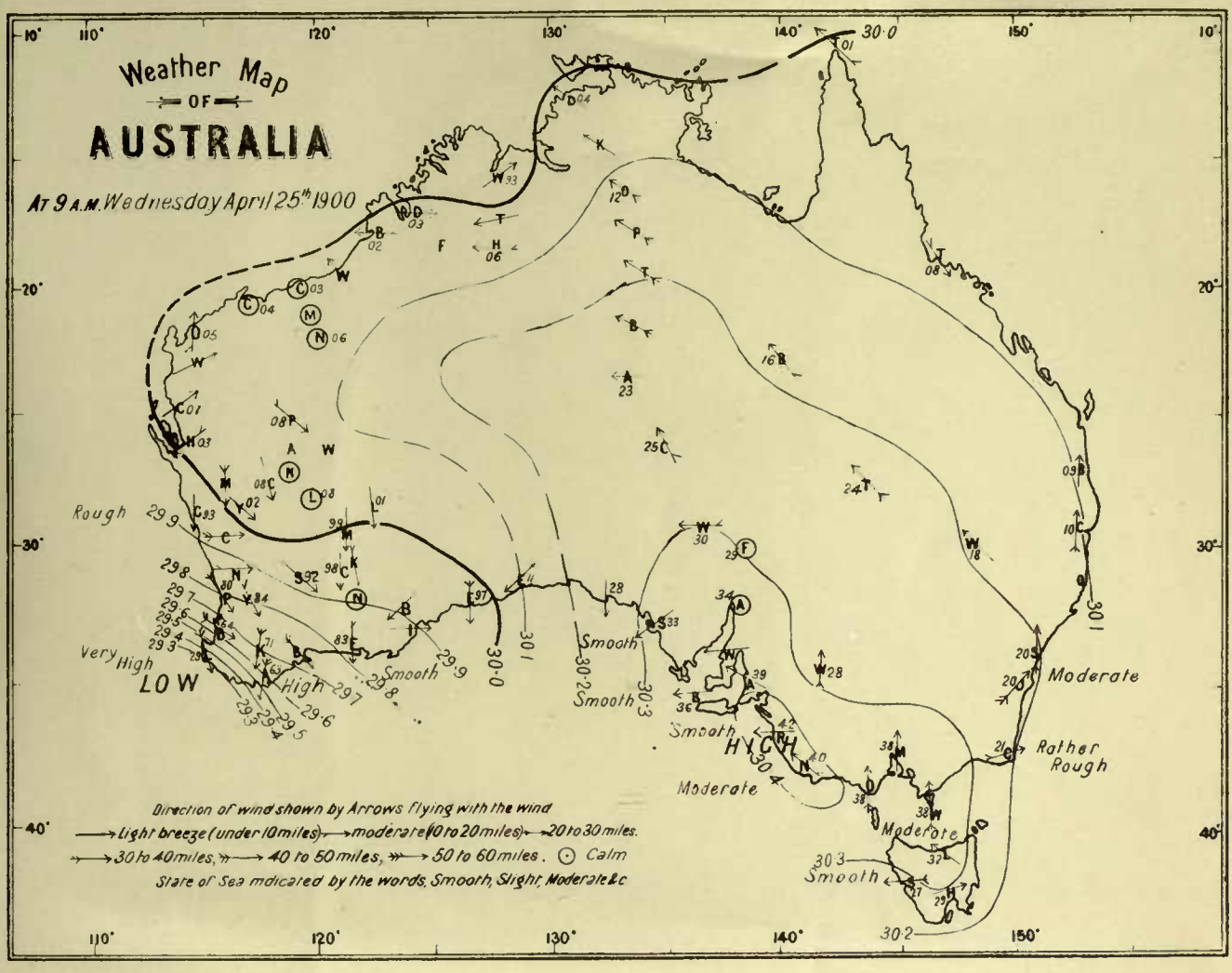
The following explanation of the rainfall figures and maps is necessary:—In the absence of well marked physical features the Colony has been divided into degree squares. To each square the name of one of the included stations has been given for reference purposes, but the figures are the means of the records for all the stations situated within the square. On the maps the reference name is written at the bottom of each square and a dot shows the exact position of that particular locality, the figure giving the mean rainfall being placed in the N.W. corner.

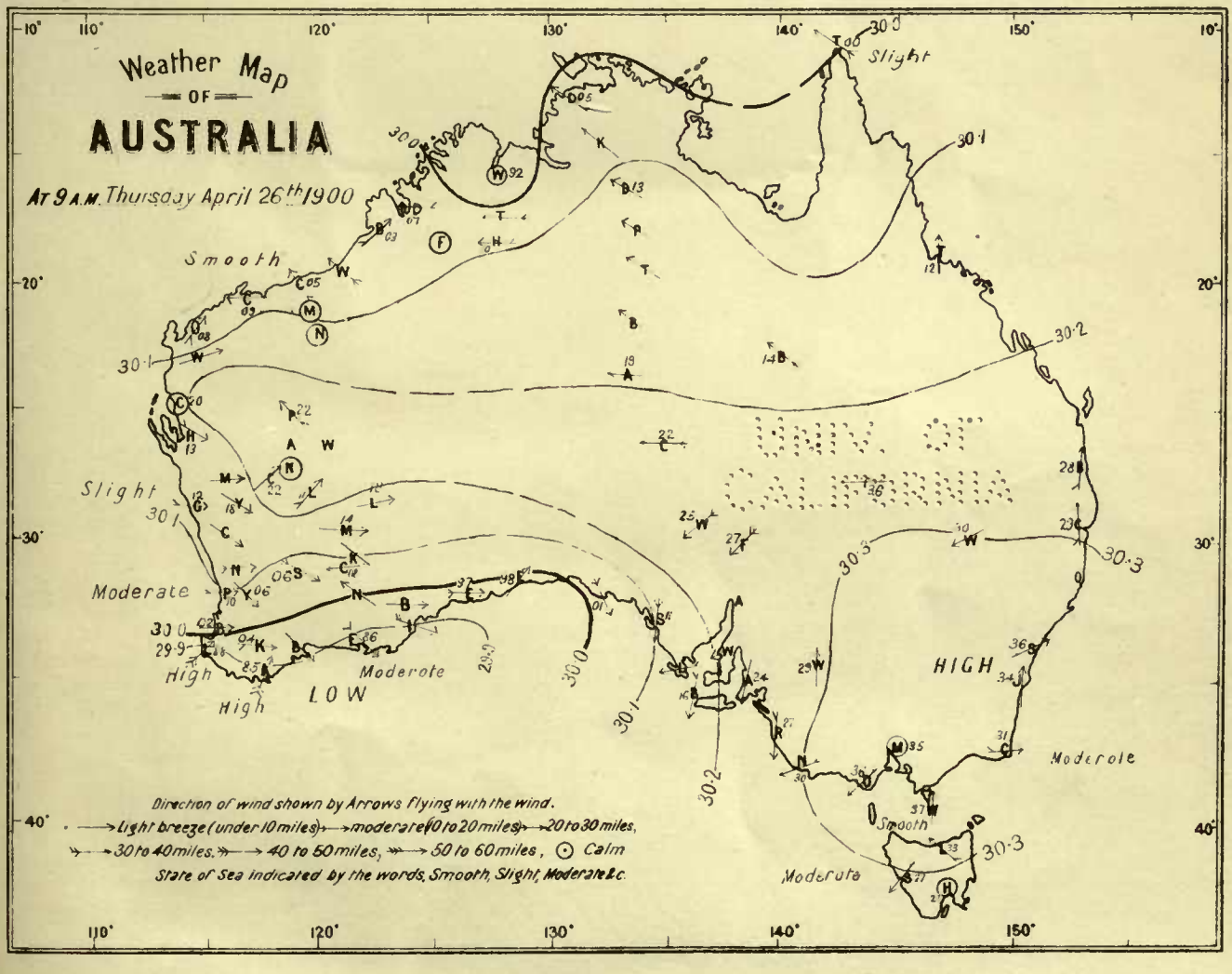
Appendix.—In view of the great interest that is always taken in rainfall statistics, and since it has been decided not to issue the reports for 1895 and 1896, it was considered advisable to print the rainfall for those years *in extenso* and these figures are here given as an appendix.


Weather Map
OF
AUSTRALIA
At 9 A.M. Monday April 23rd 1900
Smooth
Moderate
Calm
Slight
Rather Rough
HIGH
LOW
30·0
30·1
30·2
29·9
29·8
Direction of wind shown by Arrows flying with the wind
→ Light breeze (under 10 miles) → moderate (10 to 20 miles) → 20 to 30 miles.
→ 30 to 40 miles, → 40 to 50 miles, → 50 to 60 miles. ⊙ Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c.

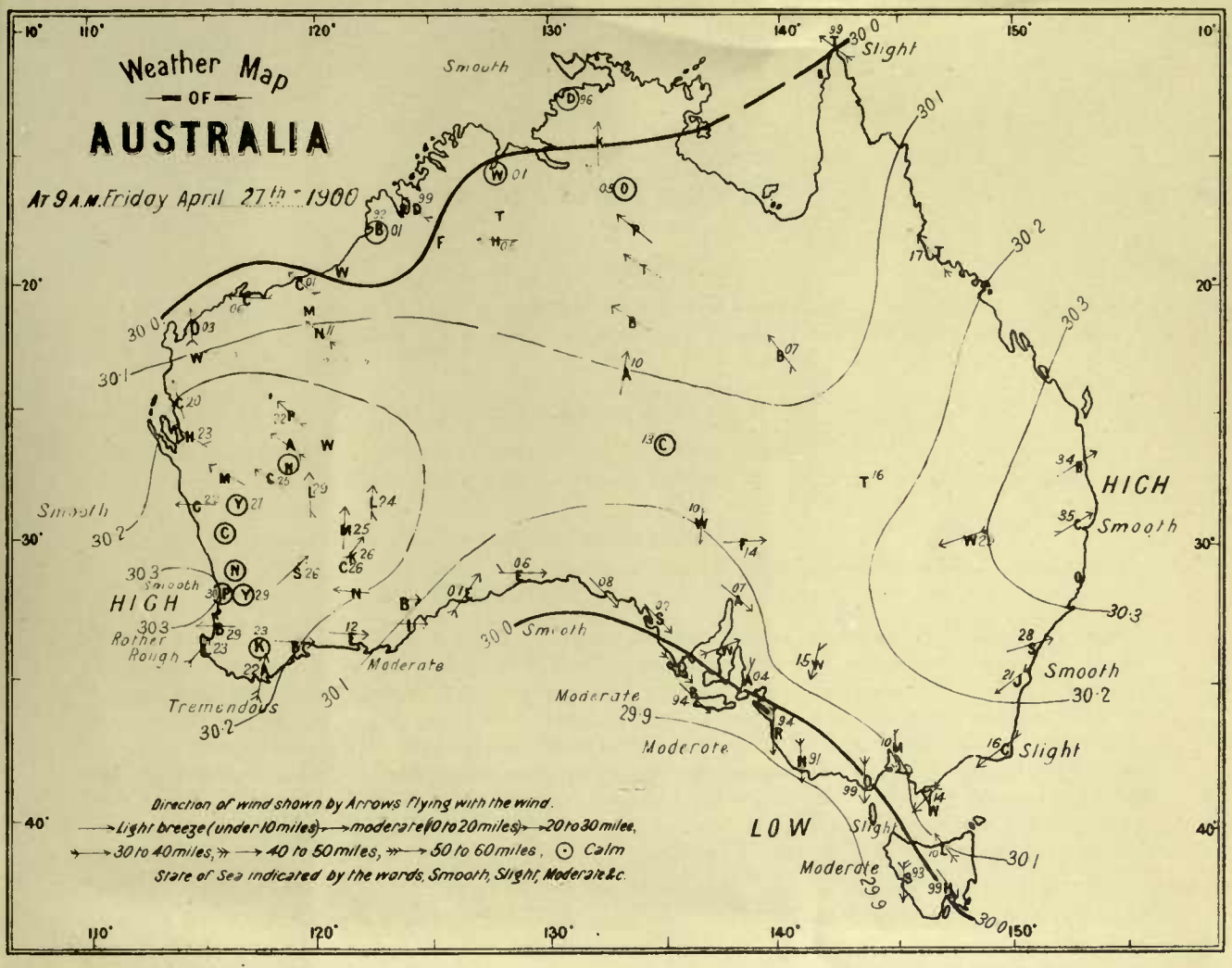

Weather Map
OF
AUSTRALIA
At 9 A.M. Tuesday April 24th 1900
Smooth
Moderate
Slight
Rough
HIGH
LOW
30·0
30·1
30·2
30·3
29·9
29·8
Direction of wind shown by Arrows flying with the wind.
→ Light breeze (under 10 miles) → moderate (10 to 20 miles) → 20 to 30 miles,
→ 30 to 40 miles, → 40 to 50 miles, → 50 to 60 miles, ⊙ Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c.

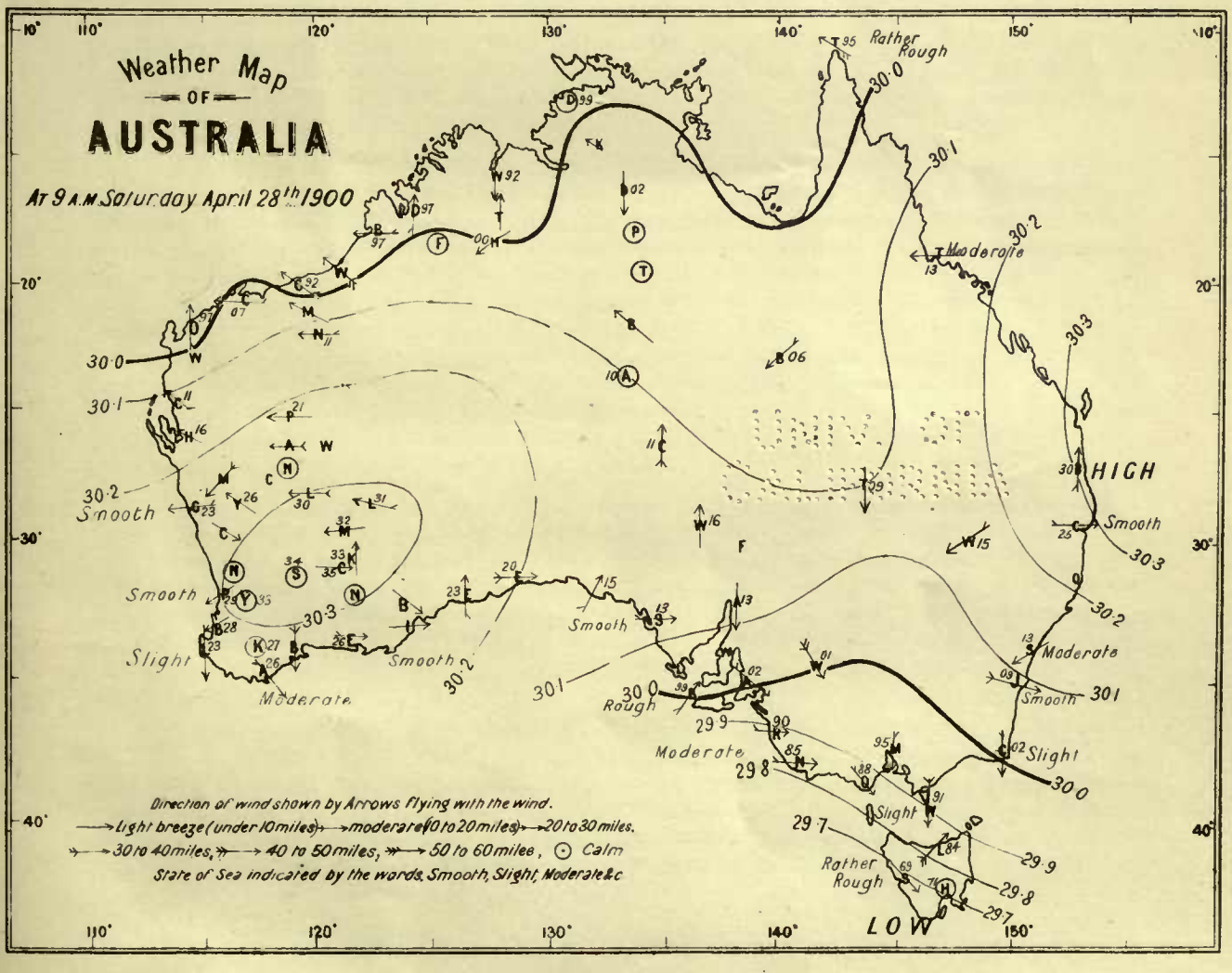
UNIV. OF
ARIZONA


Weather Map
OF
AUSTRALIA
At 9 A.M. Wednesday April 25th 1900
Rough
Very High
LOW
High
Smooth
HIGH
Moderate
Rather Rough
Direction of wind shown by Arrows flying with the wind
Light breeze (under 10 miles) moderate (10 to 20 miles) 20 to 30 miles.
30 to 40 miles, 40 to 50 miles, 50 to 60 miles, Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c.


Weather Map
OF
AUSTRALIA
At 9 A.M. Thursday April 26th 1900
Smooth
Slight
Moderate
High
LOW
HIGH
Direction of wind shown by Arrows flying with the wind.
Light breeze (under 10 miles) moderate (10 to 20 miles) 20 to 30 miles,
30 to 40 miles, 40 to 50 miles, 50 to 60 miles, Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c.

UNIV. OF
CALIFORNIA


Weather Map
OF
AUSTRALIA
At 9 A.M. Friday April 27th 1900
Smooth
Slight
HIGH
Smooth
Smooth
HIGH
Rather Rough
Moderate
Tremendous
Moderate
Moderate
LOW
Slight
Moderate
Direction of wind shown by Arrows flying with the wind.
Light breeze (under 10 miles) moderate (10 to 20 miles) 20 to 30 miles,
30 to 40 miles, 40 to 50 miles, 50 to 60 miles, Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c.


Weather Map
OF
AUSTRALIA
At 9 A.M. Saturday April 28th 1900
Rather Rough
Moderate
HIGH
Smooth
Smooth
Smooth
Slight
Moderate
Smooth
Rough
Smooth
Moderate
Slight
Rather Rough
LOW
Direction of wind shown by Arrows flying with the wind.
Light breeze (under 10 miles) moderate (10 to 20 miles) 20 to 30 miles.
30 to 40 miles, 40 to 50 miles, 50 to 60 miles, Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c.

UNIV. OF
CALIFORNIA

THE WEATHER.

This may conveniently be considered under two principal aspects, winter and summer. There are, of course, endless modifications, but the daily weather map is usually of either a distinctly winter or a distinctly summer type.

THE WINTER TYPE.

The main feature of the weather maps during the winter months (April or May to October) are:—

I. High pressure between the latitudes 22° and 32°, with falling gradients North and South.

II. Fine, bright, crisp weather throughout the tropics.

III. A succession of "lows" or storm areas traversing the ocean immediately South of the continent from West to East.

I. and III. are of course related. It would be unreasonable to expect the "high" to remain permanently unaffected whilst a series of "lows" is moving past. The general statement (I.) ought perhaps, to be modified by saying that a succession of anti-cyclones passes across the continent between the latitudes 22° and 32°. The passage of these is almost as decided a feature as the movement of the "lows." Almost, not quite. Mr. Russell, Government Astronomer of New South Wales, has, in fact, attributed to their orderly succession the sequence of weather changes throughout the Southern portions of Australia. There is probably a considerable amount of truth in this view; but the storms, at all events, as far as Western Australia is concerned, appear to be so intimately connected with the passage of the "low" that it is preferable to associate the most noteworthy changes with it rather than with the "high."

A fairly typical series is to be found in the maps for the 23rd to the 28th of April, 1900. Further information as to the antecedent weather will be found elsewhere (*vide* p. 16), this being the month of the great floods. It will be sufficient to state here that there was such a distinct change in the type of weather map that, on the morning of the 23rd, the following remark was written below the map:—"To-day's weather reports appear to indicate that the character of the season is abruptly changing from summer to winter. We cannot yet say this with certainty, but there are now signs of the first winter type of 'low' approaching the S.W. coast, and the monsoonal rains that have been so exceptionally heavy throughout the interior seem now to have ceased."

In the first of this series (23rd) we notice a "high" on the borderland between West and South Australia, the winds throughout this Colony settling down steadily into the N.E. quadrant, with falling barometers and increasing temperatures. The sky throughout the South-West districts begins to be flecked with cirrus cloud, followed later by alto cumulus, and then by clouds of a denser formation. On the morning of the 24th the "high" has made Easting, and a well-marked "low" appears off the S.W. coast. The winds now show a tendency to veer to the N.W., the sky becomes densely overcast by alto stratus, with broken nimbus beneath, and rain commences to fall. Next day (25th) the "low" is passing the Leeuwin; general rains are recorded throughout the Colony from Geraldton Southwards, but only very light showers from the Coolgardie Goldfields Northwards. This is the time to expect N.W. gales along the S.W. coast, and on the present occasion they were very severe. The anemograph at the Perth Observatory recorded 955 miles for 24 hours ending midnight (24th-25th), and the anemometer at Cape Leeuwin gave a still greater rate, viz., 1,165 miles.

On the morning of the 26th the "low" had spread out along our Southern coast, and the winds in South Australia showed a decided set in the N. and N.E., whilst in Western Australia they were settling into W. and S.W. with an abatement of the gale. Further general rains were recorded throughout the S.W. districts, and a few points on the Goldfields, but the weather on the whole showed signs of moderating. Next day (27th) the storm was passing South Australia, and a "high" was coming on to the continent in the neighbourhood of Perth. On the 28th the storm area had reached Tasmania, and fine, clear, fresh weather was reported throughout W.A., except along the South coast, where clouds and a few showers still lingered.

This is a fair specimen of the passage of an average winter storm area, but it seldom moves with the regularity of this one. Sometimes the "low" does not appear at the Leeuwin until the "high" has reached the East coast, the barometers falling steadily for several days. Sometimes the passage is very rapid. Sometimes the "low" consists of a number of undulations, unbroken by a well-defined "high." This type frequently occurs in June and July. Instead of the wind veering N.W., W., S.W., S., and S.E., with clearing weather, it reaches West, the gale abates, skies clear for a short time, and the wind

backs slowly towards the N. Within a few hours, rarely more than a day, it veers to the N.W. again, with a renewal of the stormy conditions, and this may be repeated for many days before the end of the "low" area passes Eastward and a well-defined "high" appears.

From October to December the weather is in a transitional state. The summer type is endeavouring to assert itself, but winter "lows" not infrequently pass along, giving a very mixed set of weather maps, and causing rather uncertain weather with scattered thunderstorms and capricious showers.

THE SUMMER TYPE (Overland "Lows" and "Willy-Willies").

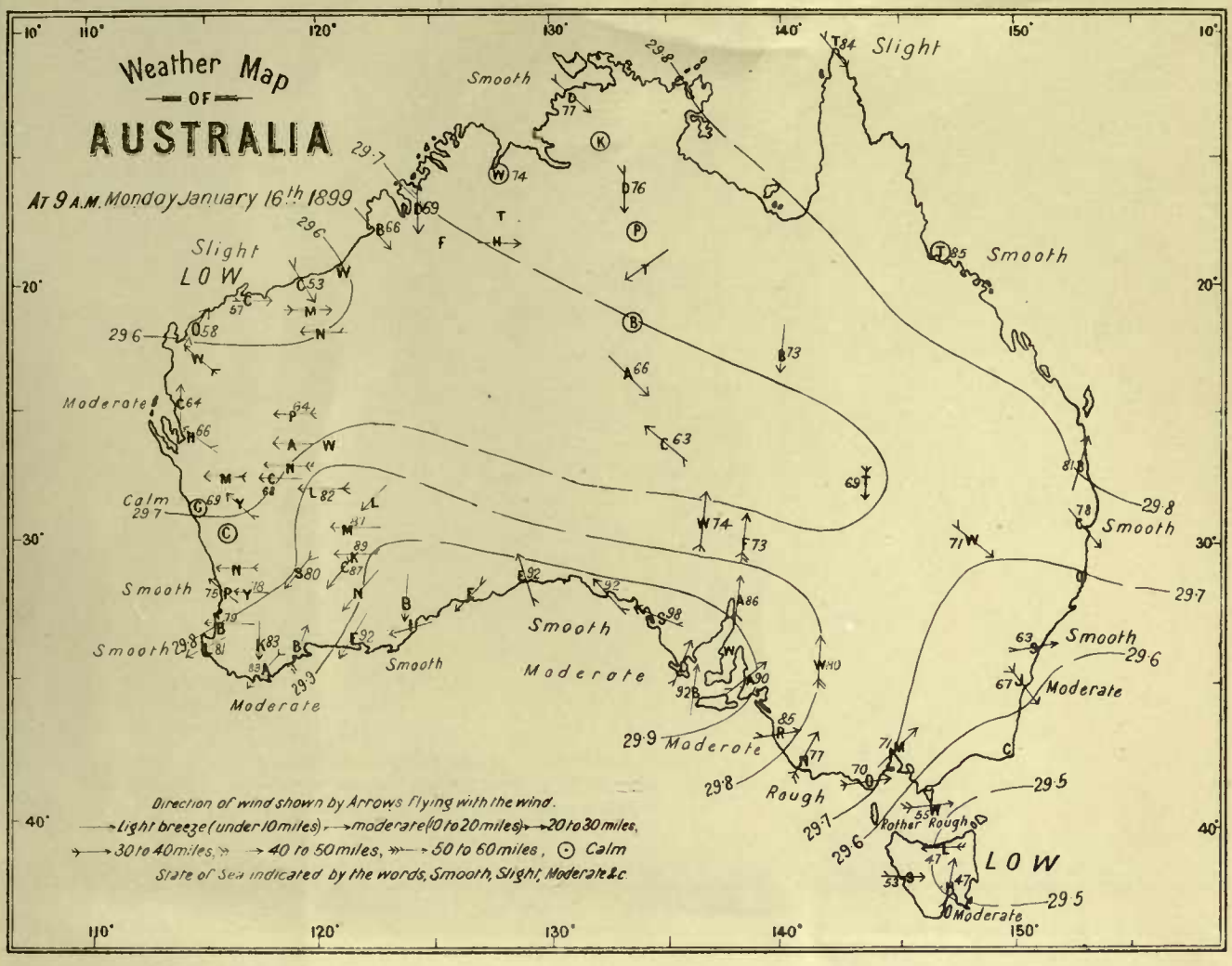
In normal summer weather there is usually a moderate "high" extending along the South coast, or over the ocean still farther South, with falling gradients thence Northwards. This condition is interrupted by two kinds of disturbance. A "low" of the winter type may pass along well to the Southward, or a "low" may come down from the tropics. After what has been already said, the former kind may be dismissed in a few words. It is usually preceded by great heat and followed by a gradual cool change, with probably a few coastal showers.

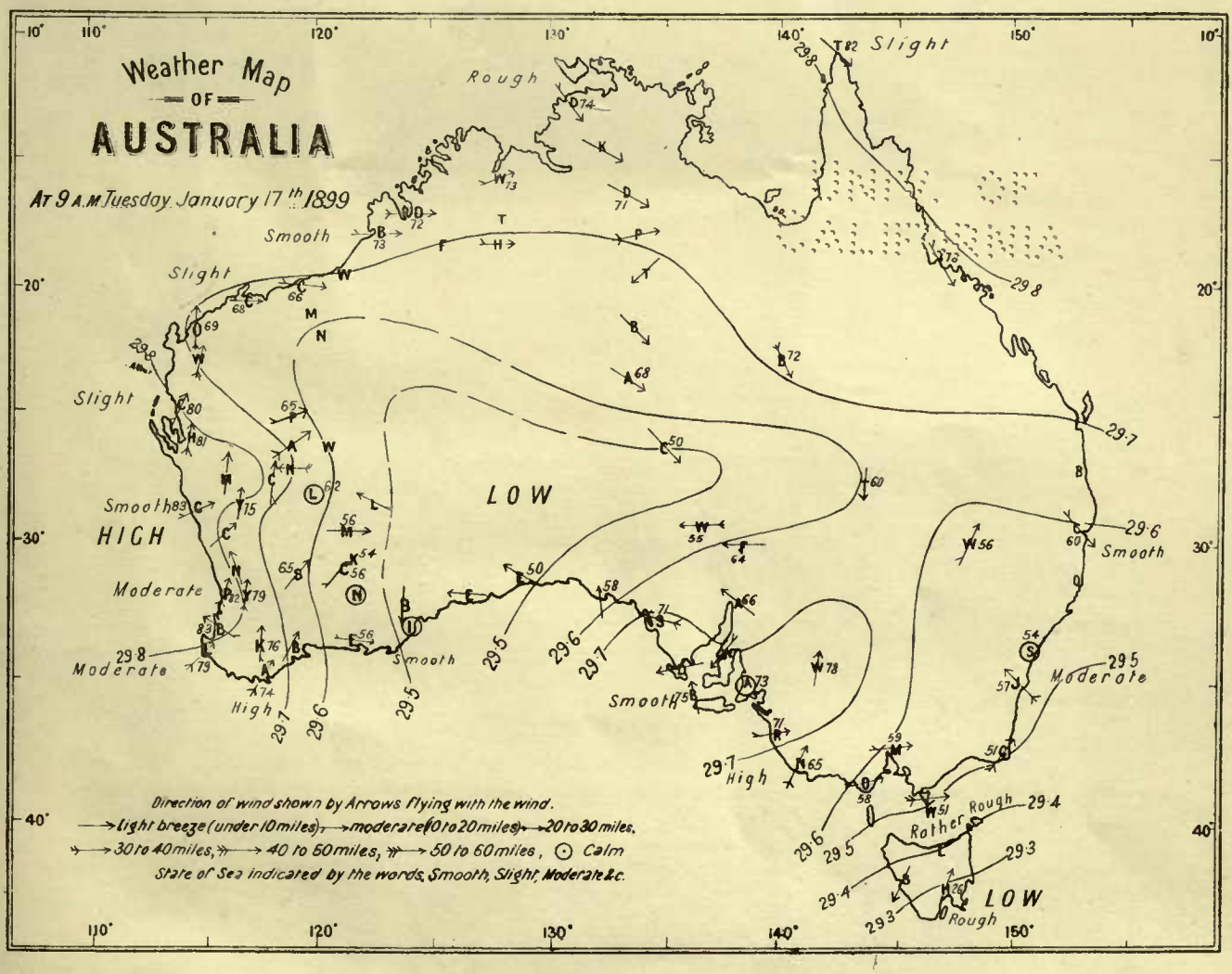
The latter kind of disturbance is the more distinctively summer one. It is generally an amorphous sort of affair, with shallow gradients and badly defined outlines, which seem to push generally downwards from the North coast against the Southern "high." Frequently the "high" refuses to give way, when it will back off to the coast line again and lie in wait for a better opportunity, or perhaps endeavour to cross into the Eastern colonies through central Australia. Sometimes the "high" appears to split and move Eastward and Westward, leaving room for the "low" to pass through and so on to the Southern Ocean, where it behaves like one of the ordinary winter type. But whichever course it follows it proves to be distinctly objectionable. It is generally preceded by a most undesirable increase of temperature, and accompanied by terrific heat and scattered thunderstorms. These characteristics are especially noticeable inland, and help to cause the disagreeable summer features in the climate, of which more presently. When the "low" succeeds in travelling right across, it is usually followed by a refreshing cool change, but when it is blocked and retreats, the weather remains in a sultry and unsatisfactory condition.

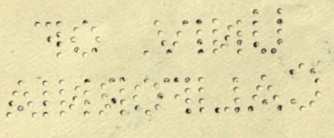
A series of maps (1899, January 16-20) illustrates the passage overland of an unusually vigorous "low." The high temperatures were absent in this case, because this series represents the second attempt. A few days previously it had apparently opened up an avenue right down to the South coast, but was unable to travel any further and forced to retreat. On this former occasion temperatures had ranged up to 110° in the shade. It is just possible that it succeeded in getting past and round the Southern side of the "high," and is represented by the "low" off the South-East corner of Australia on January 16th. Anyhow, the interior was left in a very unsettled condition, and the passage of the disturbance from the N.W. coast, on the 16th, to Tasmania, on the 20th, is distinctly marked, and was accompanied by heavy rain storms throughout. The general weather remarks at the end of the series give the weather in Western Australia only, but on the morning of the 18th Sir Charles Todd, Government Astronomer for South Australia, reports:—"As anticipated, we have had general rains, extending as far North as Powell's Creek (lat. 18°), etc."; and on the 19th Mr. P. Baracchi, of Victoria, reports: "Light to moderate rain recorded generally, and heavy over the central, N.W., W., and N."

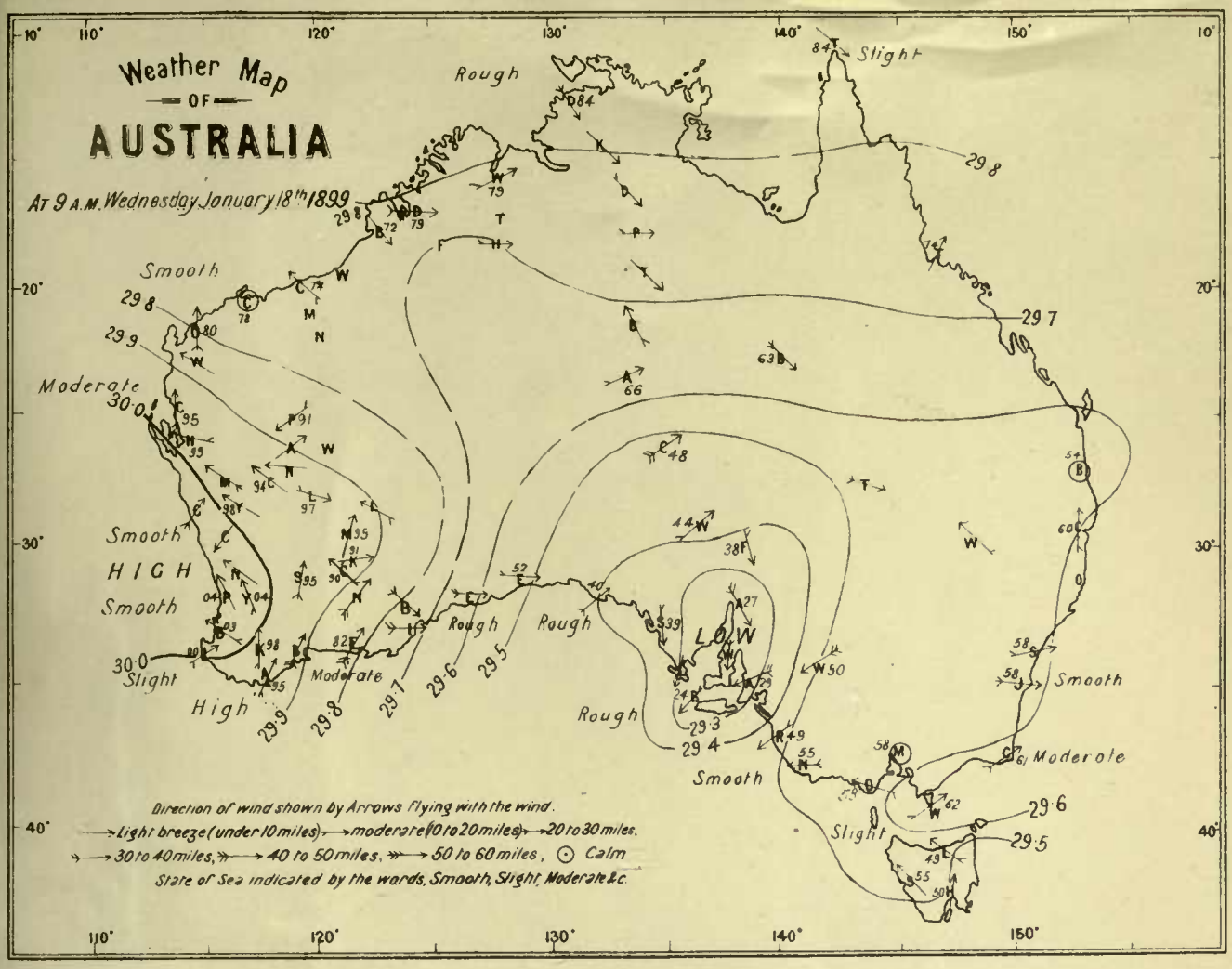
This series is an exaggerated instance of the type we have been discussing, but it was necessary to choose an unusually severe storm area for graphical representation, as our observing stations in the interior are so very few and far between that it would be difficult or impossible to trace an average one.

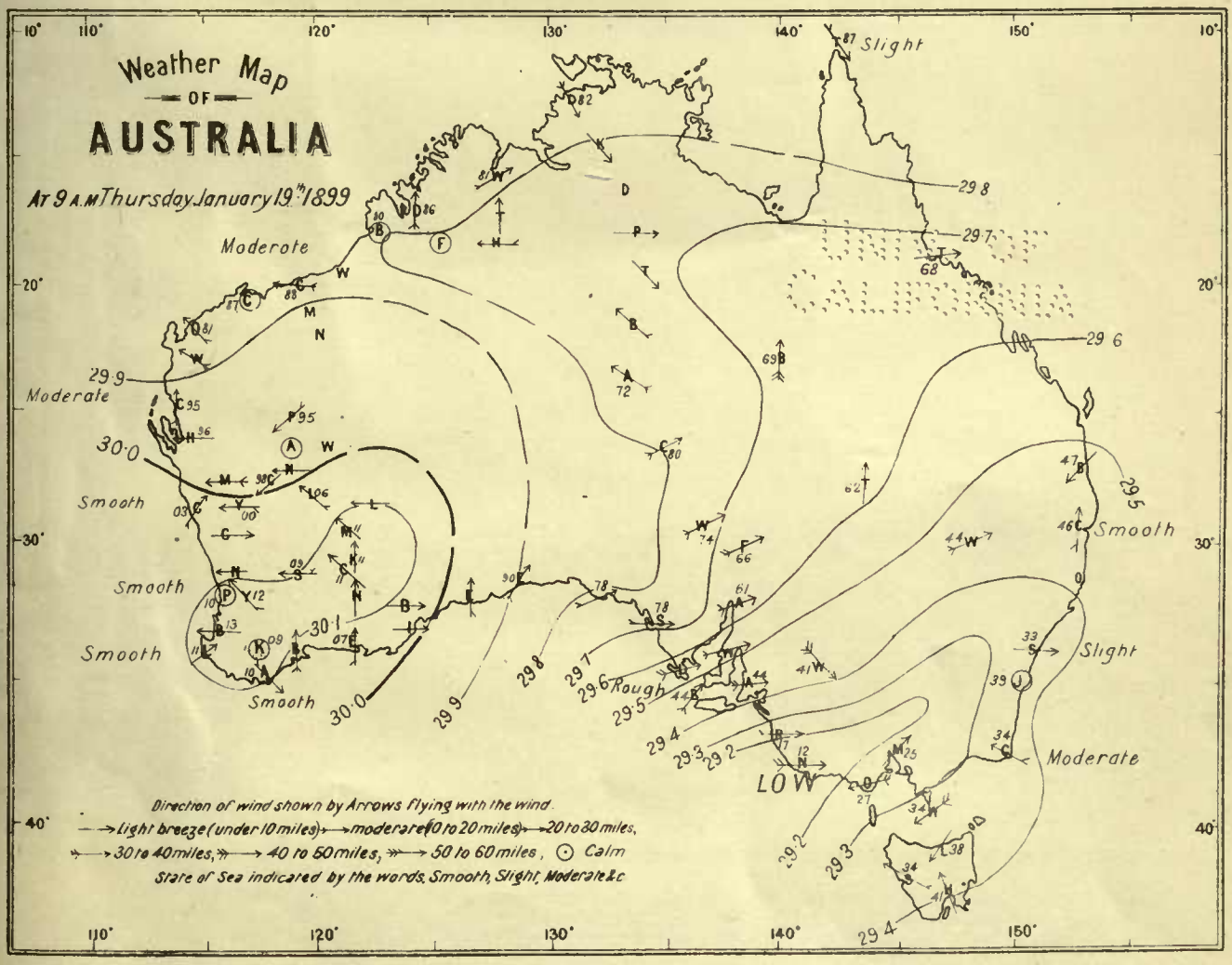
Occasionally the tropical "low" assumes the character of a tornado, and is then known locally as a "willy-willy." This bursts with great fury upon the N.W. coast, and is often felt for some little distance inland. Sometimes it can be traced in a mild form across the continent, but is frequently lost to sight after its principal outburst. It is by no means an unusual thing to find traces of its progressive path down the N.W. coast; the centre keeping out to sea. In about latitude 20° it apparently recurves and moves direct upon the coast line, causing great destruction if it happens to strike a township. The barometer does not as a rule fall below about 29·4 or 29·5, except close to the centre, where it is sometimes below 28 inches. A very severe "willy willy" visited the N.W. coast at the end of March and commencement of April, 1898, the progress of which can be traced on the accompanying series of weather maps (March 28th–April 2nd). After 9 a.m. on the last day the barometer commenced to fall very rapidly at Cossack, but a full description appears in the "introduction" to the annual report for 1898, which is here reproduced.


Weather Map
OF
AUSTRALIA
At 9 A.M. Monday January 16th 1899
Slight
Smooth
LOW
Moderate
Calm
Rough
Rather Rough
Direction of wind shown by Arrows flying with the wind.
Light breeze (under 10 miles), moderate (10 to 20 miles), 20 to 30 miles,
30 to 40 miles, 40 to 50 miles, 50 to 60 miles, Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c.


Weather Map
OF
AUSTRALIA
At 9 A.M. Tuesday January 17th 1899
Slight
Rough
Smooth
HIGH
LOW
Moderate
High
Rather Rough
Direction of wind shown by Arrows flying with the wind.
Light breeze (under 10 miles), moderate (10 to 20 miles), 20 to 30 miles,
30 to 40 miles, 40 to 50 miles, 50 to 60 miles, Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c.




Weather Map
OF
AUSTRALIA
At 9 A.M. Wednesday January 18th 1899
Rough
Slight
Smooth
Moderate
HIGH
High
LOW
Direction of wind shown by Arrows flying with the wind.
Light breeze (under 10 miles) moderate (10 to 20 miles) 20 to 30 miles.
30 to 40 miles, 40 to 50 miles, 50 to 60 miles, Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c.


Weather Map
OF
AUSTRALIA
At 9 A.M. Thursday January 19th 1899
Slight
Moderate
Smooth
Rough
LOW
Direction of wind shown by Arrows flying with the wind.
Light breeze (under 10 miles) moderate (10 to 20 miles) 20 to 30 miles,
30 to 40 miles, 40 to 50 miles, 50 to 60 miles, Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c.

CLIMATE OF WESTERN AUSTRALIA.

(Please substitute these remarks for those of the same dates in 1900, after the weather maps.)

GENERAL WEATHER REMARKS FOR WESTERN AUSTRALIA.

MONDAY, 16TH JANUARY, 1899.

Further heavy rains have fallen in the North-West, Nullagine registering 9·50 inches, Condon 9·00, and Marble Bar 7·14 since Saturday morning, and several other stations over 3 inches. Light thunder showers are also reported at several stations North of Menzies. It is still overcast throughout the Colony, except on the West Coast between Sharks Bay and Albany, and raining at isolated places. S.W. to W. winds in the N.W.; E. to N.E. chiefly elsewhere.

TUESDAY, 17TH JANUARY, 1899.

Reports from the North are very incomplete again this morning, but the depression which has been accompanied by such heavy rain in the North-West appears to be moving in a South-Easterly direction across the Continent, and heavy rain is reported on the North Coolgardie Goldfields (maximum at Mt. Margaret 2·51 inches). Very light scattered showers have also fallen in many parts of the Colony. This morning the weather is clearing in the North-West, and generally fine but cloudy throughout the West coastal districts and Murchison, but overcast and threatening over the Coolgardie Goldfields and in the South-West and South districts, and showery at places. Moderate to strong S. to S.W. winds chiefly.

WEDNESDAY, 18TH JANUARY, 1899.

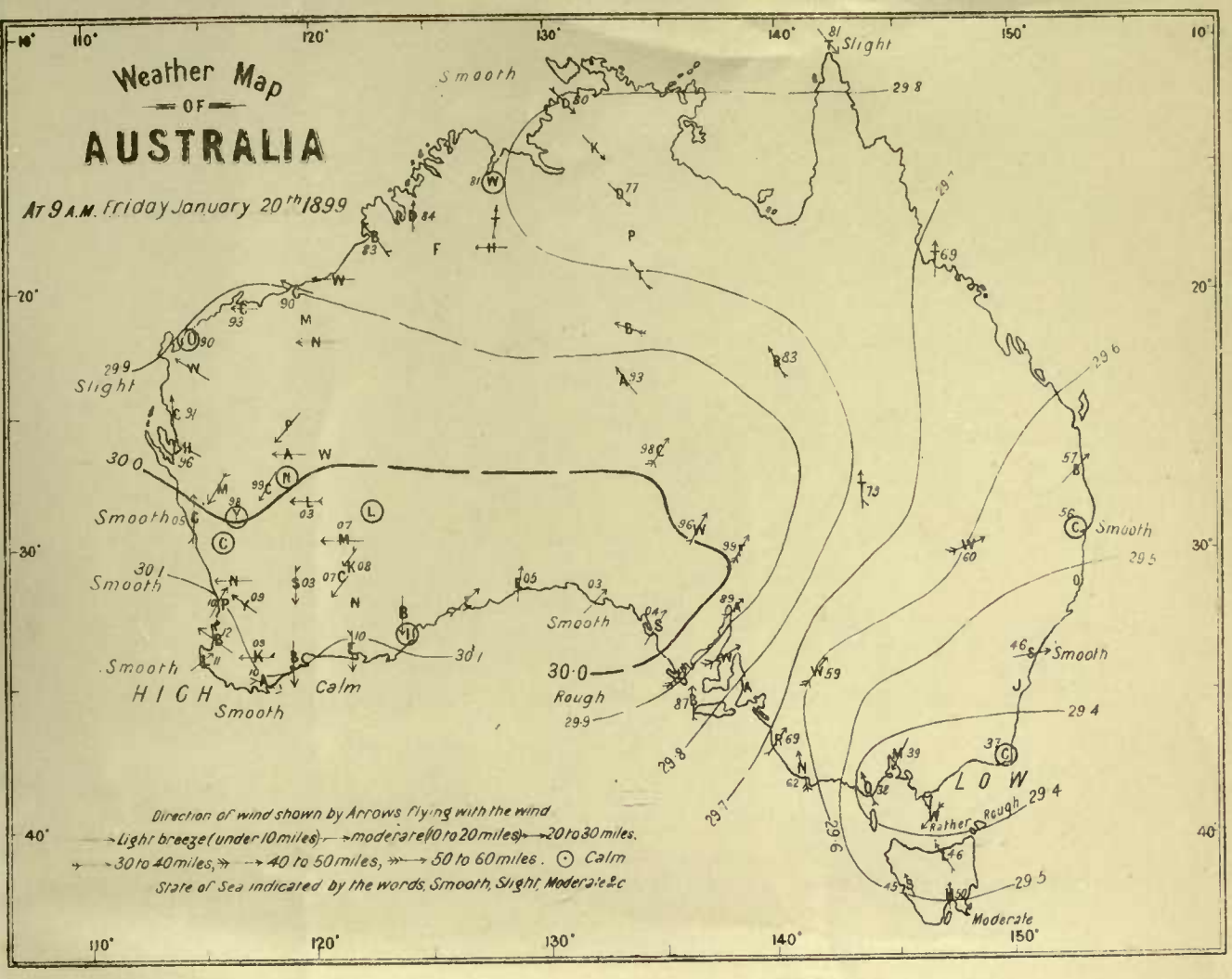
Fine and clear all North of the latitude of Geraldton, more or less cloudy over the Goldfields, and overcast throughout the S.W. and S. S.W. to S.E. winds chiefly, but strong S.W. to W. on the South coast, with rough seas. Light scattered showers are reported in the South-West and South of the Coolgardie Goldfields, and moderate to heavy rain on the South-East coast.

THURSDAY, 19TH JANUARY, 1899.

Generally fine and pleasant throughout the Colony, but overcast in the extreme South-West and along the South coast, where light scattered showers are recorded. S. to E. winds chiefly, but S. to W. on the South coast. Smooth sea.

FRIDAY, 20TH JANUARY, 1899.

The weather is fine and clear throughout the Colony, with a few scattered clouds on the South-West and South-East coast. E. to N.E. winds inland, S.E. to S. on the West coast, and N.W. to N. along the South coast.



General Weather Remarks for West Australia.

Tuesday 16th January, 1900.

Fine, clear, and sultry within the Tropics; cloudy and moderately cool elsewhere, and showery on the S.W. coast, where a few points of rain are recorded. S.W. to N.W. winds on S.W. and S. coasts; S.W. to S.E. inland and in the N.W.; and W. from Cossack Northwards.

Wednesday, 17th January, 1900.

Generally fine throughout the Colony, but cloudy in coastal districts from Sharks Bay Southwards with S.E. to E. winds, and showery at Albany. Westerly winds from Cossack Northwards. Light to moderate rain recorded between Perth and Esperance in coastal districts only.

Thursday, 18th January, 1900.

Fine generally, but cloudy over the South part of the Coolgardie Goldfields, and on the extreme S.W. and S. coast, with light showers in places; elsewhere clear. Cool South of the Tropics. S.W. to W. winds from Cape Leeuwin Eastwards; S.E. to E. inland; S. on the W. coast, and W. from Cossack Eastwards. Light rain recorded along the South coast, and moderate in the extreme S.E.

Friday, 19th January, 1900.

Cloudy all South of the latitude of Perth, with light showers on the S.W. coast; elsewhere fine with a few scattered clouds. Still cool throughout all S. districts, including the Coolgardie Goldfields. S. to S.W. winds on the S. coast; S.E. to E. chiefly inland and in Western districts, and Westerly in the far North. Light rain recorded at a few places in the S.W.

Saturday, 20th January, 1900.

Fine throughout the Colony and mostly clear, but cloudy over the Kimberley district, the lower parts of the Coolgardie Goldfields, and along the South coast. S.E. to E. winds chiefly, but W. along the far North coast. Two points of rain recorded at Israelite Bay.

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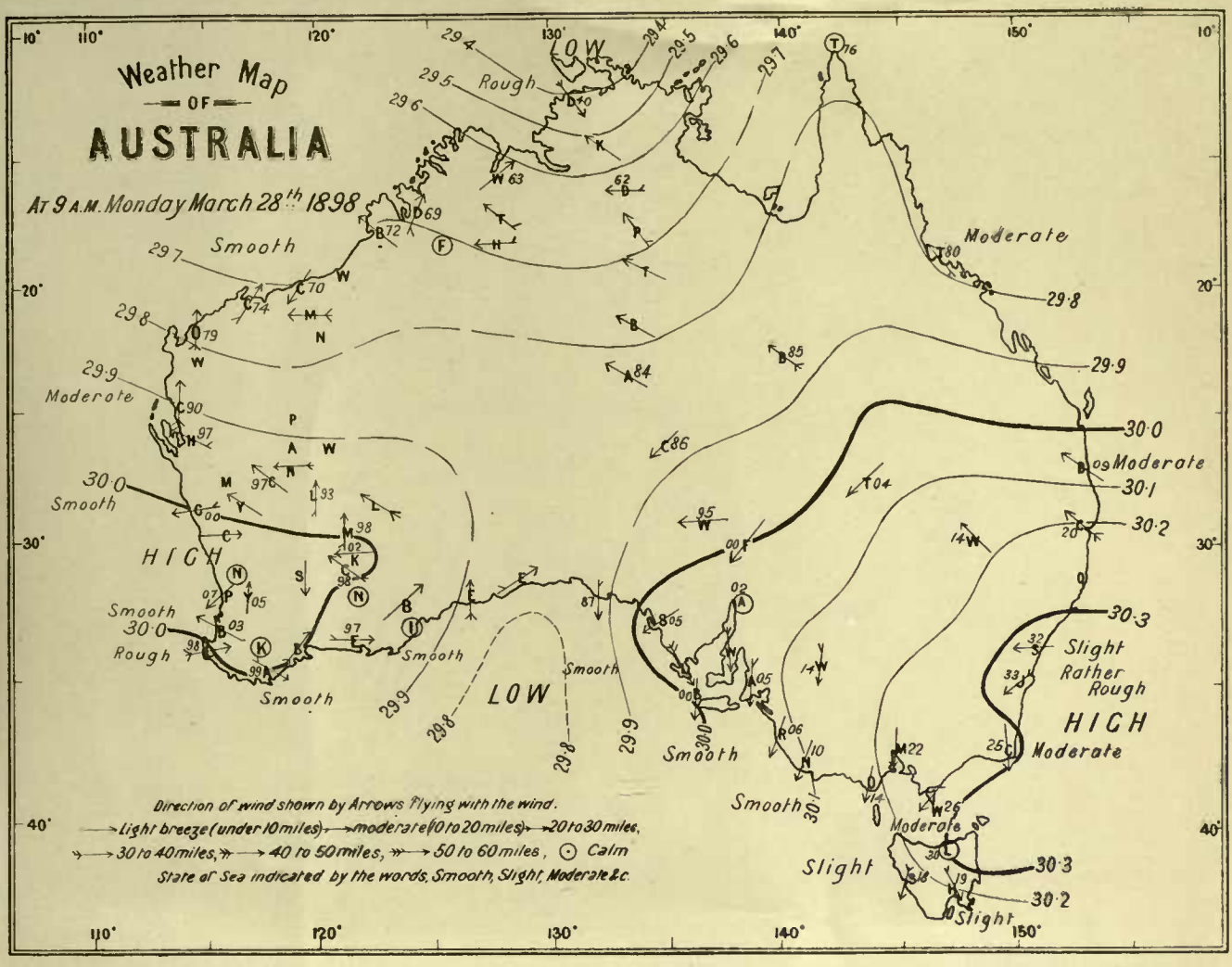
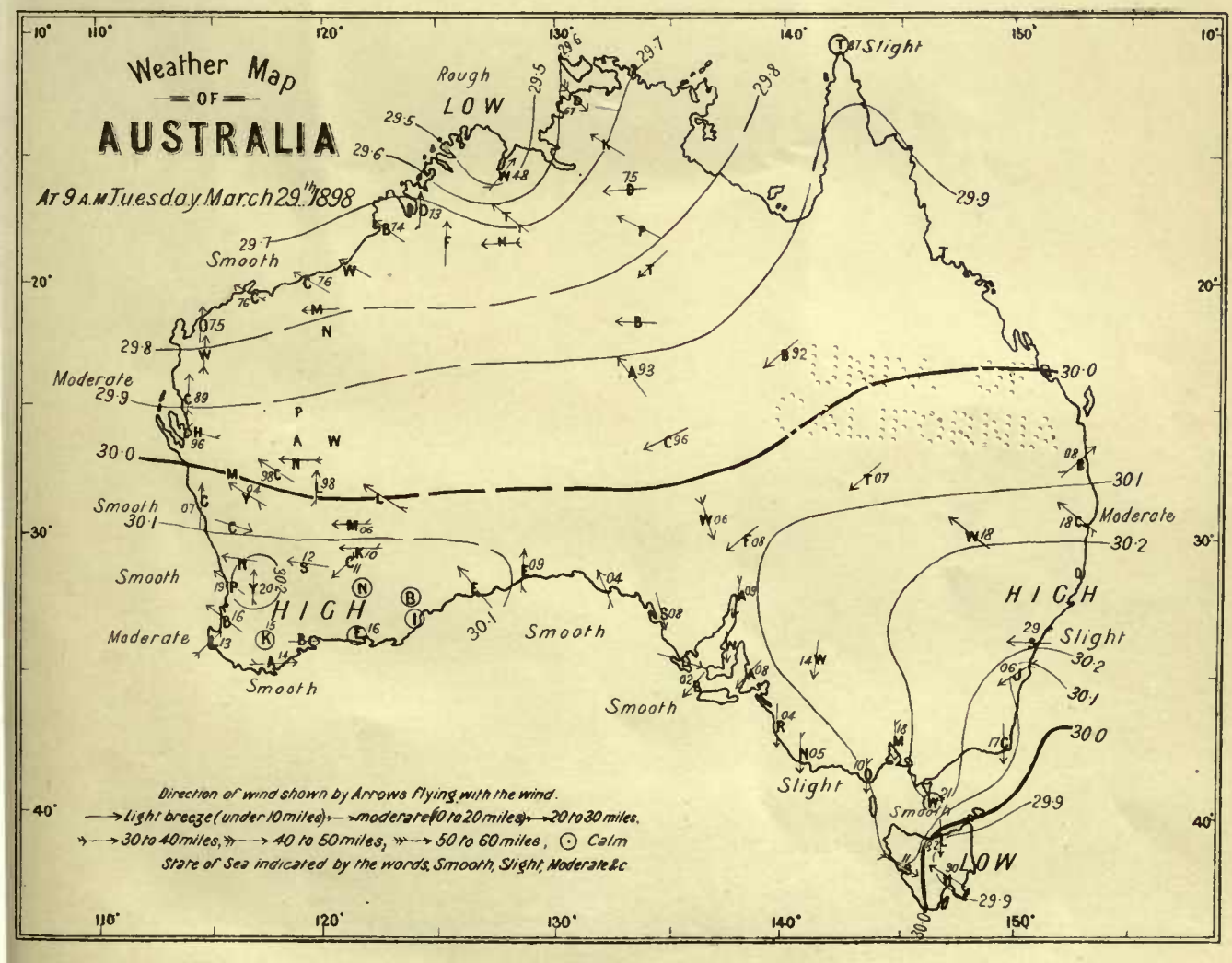
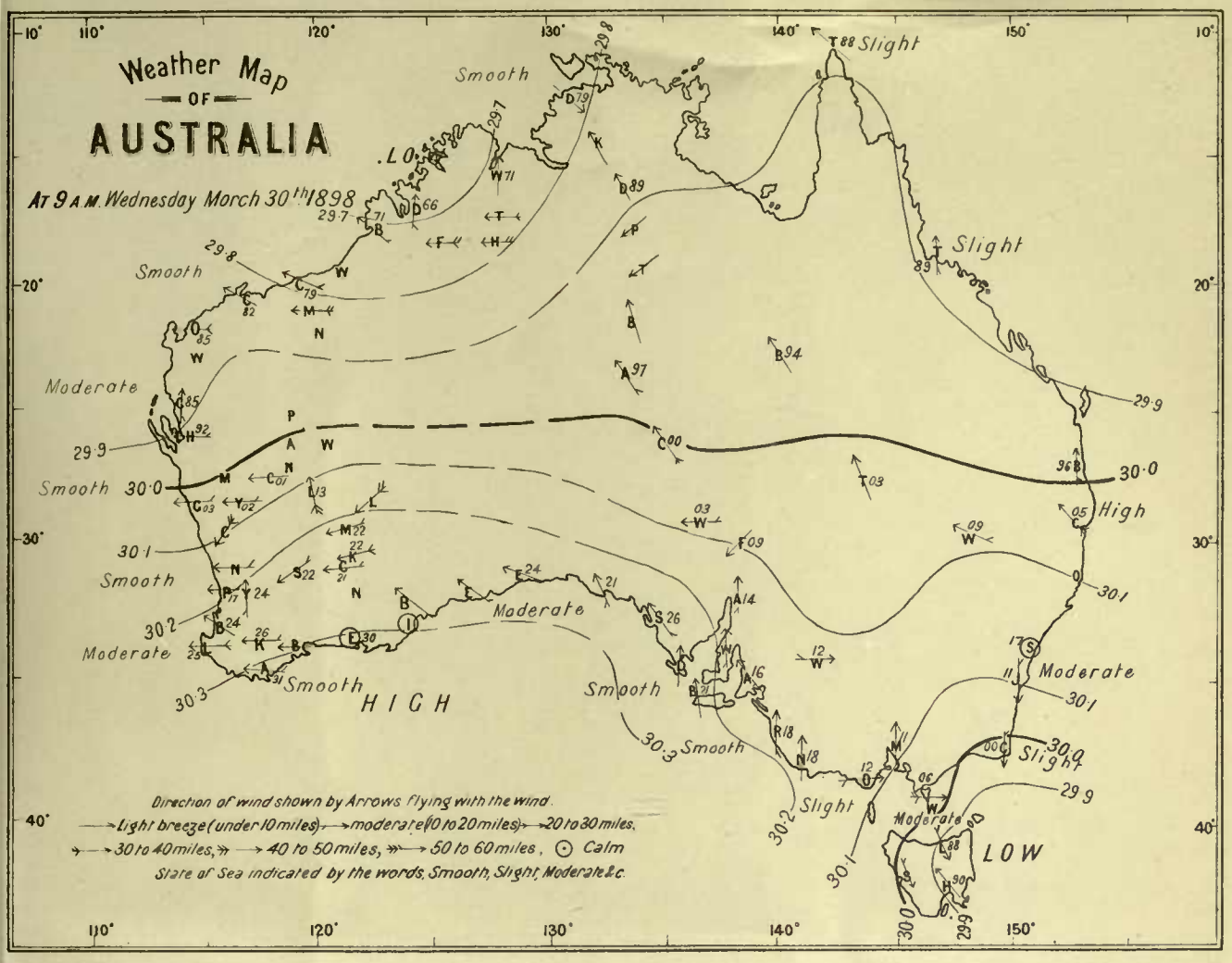
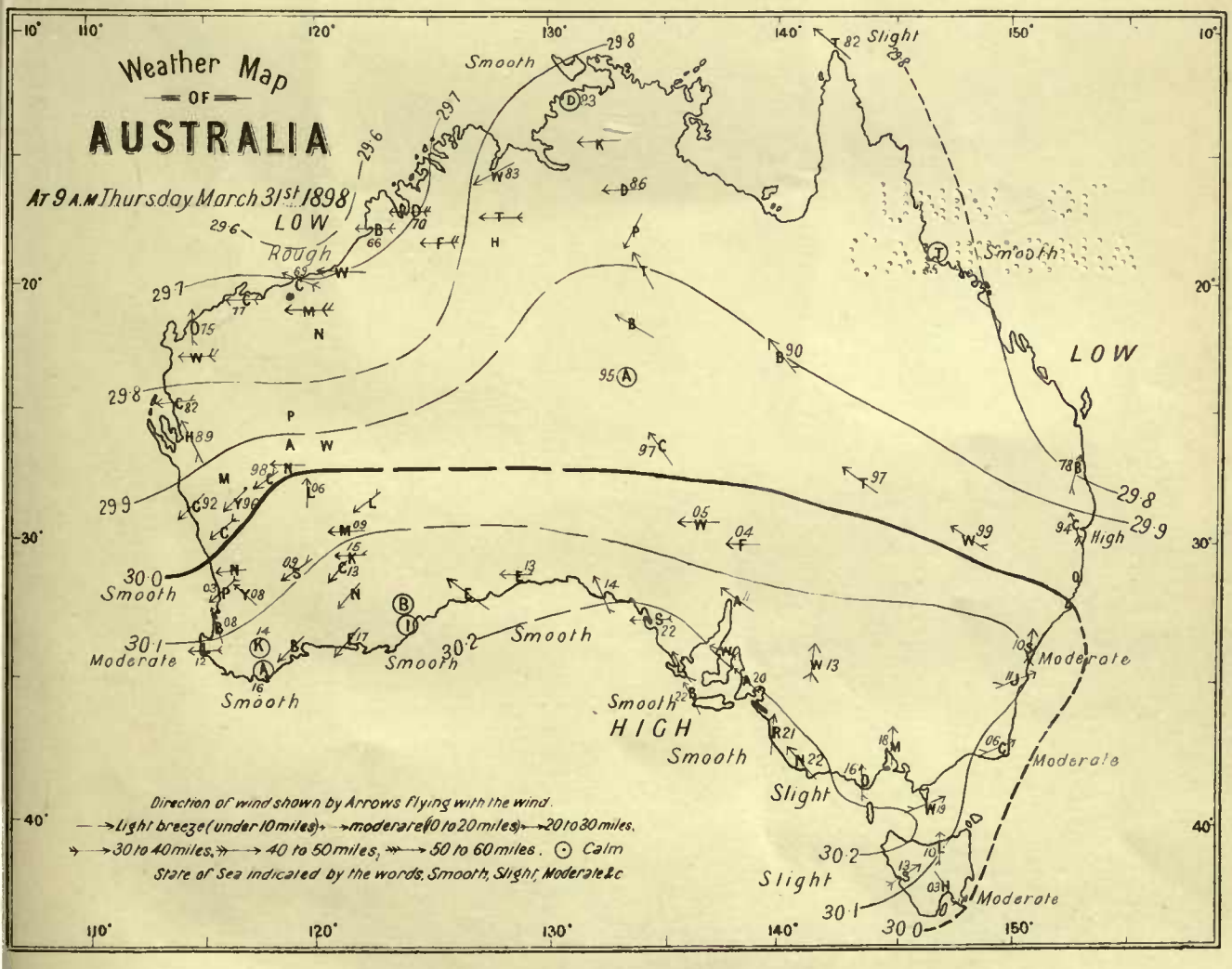

Weather Map
OF
AUSTRALIA
At 9 A.M. Monday March 28th 1898
LOW
Rough
Smooth
Moderate
HIGH
Slight
Rather Rough
Direction of wind shown by Arrows flying with the wind.
Light breeze (under 10 miles) moderate (10 to 20 miles) 20 to 30 miles.
30 to 40 miles, 40 to 50 miles, 50 to 60 miles, Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c.


Weather Map
OF
AUSTRALIA
At 9 A.M. Tuesday March 29th 1898
Rough
LOW
Smooth
Moderate
HIGH
Slight
Direction of wind shown by Arrows flying with the wind.
Light breeze (under 10 miles) moderate (10 to 20 miles) 20 to 30 miles.
30 to 40 miles, 40 to 50 miles, 50 to 60 miles, Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c.

to visit
another


Weather Map
OF
AUSTRALIA
At 9 A.M. Wednesday March 30th 1898
Smooth
Slight
Moderate
High
LOW
HIGH
Direction of wind shown by Arrows flying with the wind.
Light breeze (under 10 miles) moderate (10 to 20 miles) 20 to 30 miles,
30 to 40 miles, 40 to 50 miles, 50 to 60 miles, Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c.


Weather Map
OF
AUSTRALIA
At 9 A.M. Thursday March 31st 1898
LOW
Rough
Smooth
Slight
Moderate
High
HIGH
Direction of wind shown by Arrows flying with the wind.
Light breeze (under 10 miles) moderate (10 to 20 miles) 20 to 30 miles,
30 to 40 miles, 40 to 50 miles, 50 to 60 miles, Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c.

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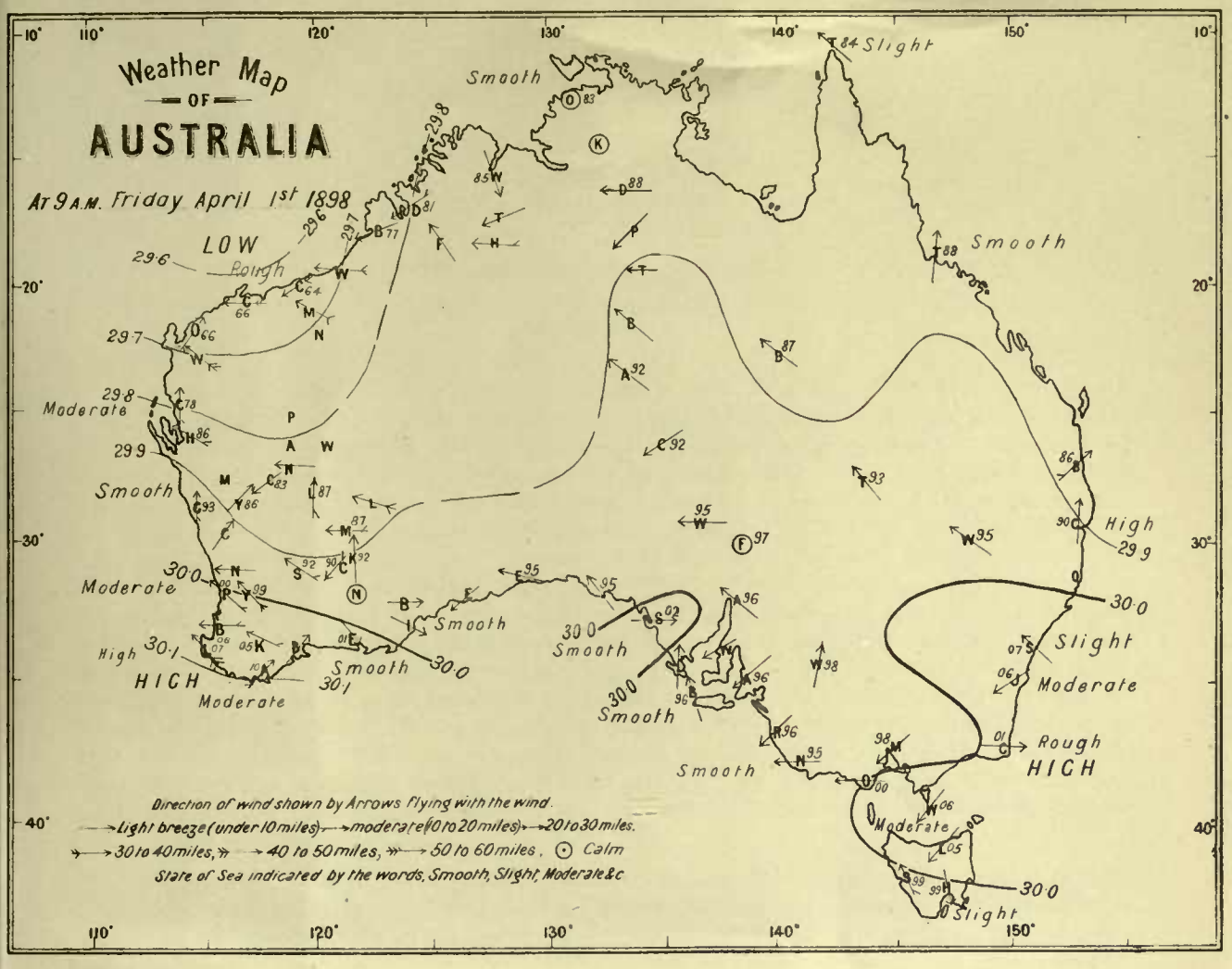
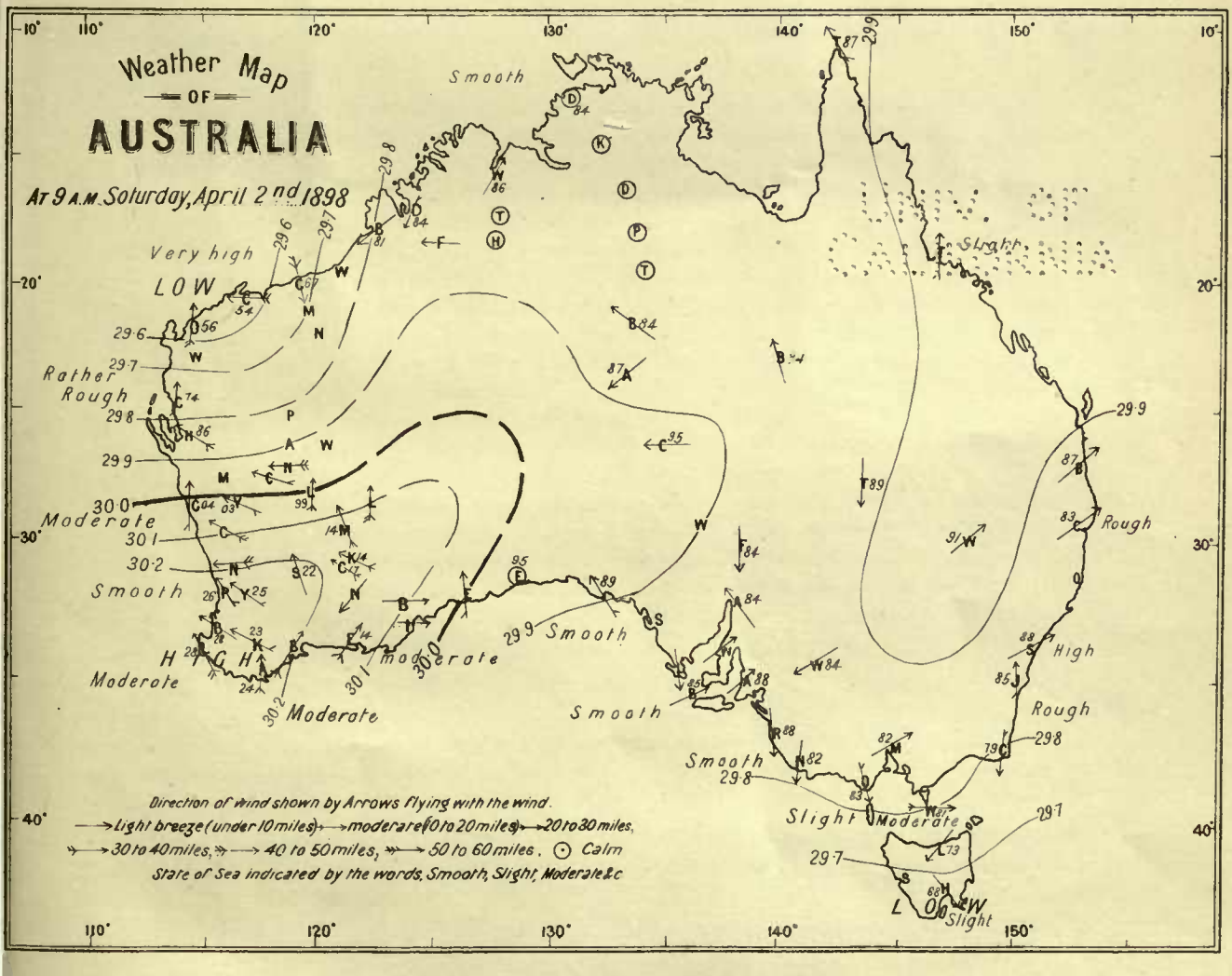

Weather Map
OF
AUSTRALIA
At 9 A.M. Friday April 1st 1898
LOW
Rough
Moderate
Smooth
High
HIGH
Moderate
Smooth
Smooth
Smooth
Smooth
Smooth
Slight
Smooth
High
Slight
Moderate
Rough
HIGH
Moderate
Slight
Direction of wind shown by Arrows flying with the wind.
Light breeze (under 10 miles) moderate (10 to 20 miles) 20 to 30 miles.
30 to 40 miles, 40 to 50 miles, 50 to 60 miles. Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c


Weather Map
OF
AUSTRALIA
At 9 A.M. Saturday, April 2nd 1898
Very high
LOW
Rather Rough
Moderate
Smooth
HIGH
Moderate
Moderate
Moderate
Smooth
Smooth
Smooth
Smooth
Slight
Moderate
Slight
Rough
High
Rough
LOW
Slight
Direction of wind shown by Arrows flying with the wind.
Light breeze (under 10 miles) moderate (10 to 20 miles) 20 to 30 miles,
30 to 40 miles, 40 to 50 miles, 50 to 60 miles. Calm
State of Sea indicated by the words, Smooth, Slight, Moderate &c

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Storm at Cossack, April, 1898.

A very severe storm, known locally as a "willy-willy," visited the North-West coast at the end of March and beginning of April. The first well-marked sign of its approach came from Port Darwin, in the Northern Territory of South Australia, on March 28th. The barometer at 9 a.m. read 29·40, and fell to 29·34 during the course of the day, accompanied by heavy rain. This is the lowest reading recorded there since that town was devastated by a terrible cyclone about a year previously. The storm, keeping out to sea, travelled in a South-West direction at first, passing Wyndham on the 29th where the barometer fell to 29·33, with heavy rain. It continued to move down the coast, passing Derby on the 30th (29·51) and Broome a little later on the same day (29·60). Its motion now appeared to be retarded, due probably to the fact that it was recurving and preparing to travel in a more or less South-East direction. The winds now commenced to freshen, blowing from the East at Cossack and North-East farther up the coast, and this, combined with the shape of the isobars, indicated that the storm centre was still lying out at sea. On the morning of the 2nd the wind was from the North at Condon, East at Cossack, and South at Onslow, blowing strong at each place, and the barometer at Cossack had fallen to 29·54, with very high sea. The storm, apparently, was now moving from the sea straight on to Cossack, where the barometer fell rapidly, reaching a minimum of 28·718 at 5 p.m. Some idea of the hurricane that was then experienced by the inhabitants of this town may be gathered from the following extracts from the *West Australian*:—

"The town presents a very dilapidated spectacle. In no storm previously experienced has so much damage been wrought. Telegraph communication between Roebourne and Cossack, and Eastwards, is entirely cut off. The line between the two former places is down for three or four miles. The tramway embankment across the marsh is washed away, and the rails have parted in places and been lodged 20 yards from the site of the embankment. All the approaches and bridges, both along the tramway line and on the road, have been completely washed away; the rails standing several feet from the ground. Communication is cut off by road.

"Several daring persons walked up to Roebourne through mud and slush up to their knees to communicate the news of the most terrible disaster that has befallen Cossack, which appears to have been the very centre of the hurricane. The experiences of some of the residents of Cossack are most heartrending. Mr. and Mrs. Wilson, observing their dwelling collapsing, left it with the intention of proceeding to Mr. C. W. Paterson's residence, a few hundreds yards off. They had a terrible time of it. They were for four hours hanging on to the spinifex, in the midst of the storm, before they reached their destination. Wilson lost sight of his wife for a whole hour, and then only found her by chance. S. Hemingway and B. Thompson, after their residences had collapsed, got into a 400-gallon tank to save their lives, and remained there, up to their middle in water, till daylight. The jetty has sunk down many feet, and the goods shed is frightfully torn about by the storm. The sea burst in the door facing the creek and swept a quantity of cargo out. Fearful damage has been done to shipping. The s.s. "Beagle" is piled up on the rocks on the South side of the jetty, in front of the Weld Hotel, with her stern resting on the fallen walls of the jetty and her bows on the rocks. The schooner "Maggie Gollan" is a total wreck on the beach, towards Japtown. The dilapidated jetty was fully loaded with general merchandise for Condon. The cargo is now strewn along the strand from one end to the other. The schooner "Harriet" is high and dry on the beach close to the North side of the jetty. The s.s. "Croydon," which was moored near the stock jetty, on the opposite side of the creek, was carried fair on to high land. The cutter "Rose" has been washed up between the residences of A. Rouse and A. S. Thompson. Smaller crafts, such as passenger boats, etc. were carried greater distances inland. The only boat that remained at her moorings was the police boat, Not a single boat other than this is safe."

After this outburst it is difficult to define the track of the storm. Our stations are, unfortunately, very widely separated in this district, and entirely confined to the coast. On Monday, the 4th, the direction of the wind and general shape of the isobars indicated that the pressure was lowest to the seaward of Cossack, and on the 5th the normal type of weather accompanying an anti-cyclone over the South-West portions of the Colony prevailed.

It not infrequently happens that these "willy-willies" travel overland to the Great Australian Bight and bring unsettled weather to the goldfields; but, in this instance, no such track was in any way indicated.

The following table shows the rainfall in points (100 to the inch) that accompanied the storm, and it will be seen that in some instances (*e.g.* Whim Creek) it was remarkably heavy :—

Station.	March.				April.				Total.
	28.	29.	30.	31.	1.	2.	3.	4.	
Wyndham	6	100	50	110	...	...	...	...	266
Carlton	23	26	66	39	1	1	...	...	156
Rosewood Downs	20	52	6	...	...	...	...	...	78
Argyle Downs	25	11	55	50	...	...	...	...	141
Lisadell	80	42	32	80	...	...	...	...	234
Turkey Creek	...	5	70	60	...	...	...	...	135
Ord River Station ...	2	3	17	1	...	...	...	...	23
Hall's Creek	...	...	25	37	...	...	...	...	62
Ruby Creek	...	...	...	80	5	25	...	...	110
Fitzroy Crossing	...	...	...	12	30	...	...	...	42
Yeeda	...	...	60	15	...	15	20	25	135
Derby	...	...	...	85	109	...	8	...	202
Obagama	5	20	...	80	109	69	5	...	288
Broome	...	...	...	225	114	10	5	13	367
Thangoo	...	...	...	166	60	94	130	44	494
La Grange Bay	...	...	...	200	42	70	84	92	488
Wallal	1	...	1	...	21	220	176	27	446
Condon	...	...	...	...	73	136	138	8	355
DeGrey River	...	...	...	...	175	46	100	...	321
Mulgie	—	—	—	—	—	—	—	—	607
Muccan	...	...	...	...	...	190	338	192	720
Eel Creek	...	...	...	10	...	115	330	435	890
Coongon	...	...	...	...	41	331	232	...	604
Warrawagine	...	...	...	...	56	110	226	484	876
Bamboo Creek	...	...	...	15	13	350	565	665	1,608
Marble Bar	...	...	...	...	3	153	536	255	947
Corunna Downs	...	...	...	...	...	110	475	125	710
Nullagine	...	...	...	...	7	106	220	180	513
Tambourah...	...	...	...	...	...	252	452	113	817
Mulga Downs	...	...	...	...	...	83	329	...	412
Mount Florence	...	...	...	...	...	127	545	...	672
Tambray	...	...	...	...	...	40	705	...	745
Millstream	...	...	...	...	...	...	350	...	350
Pilbarra	...	. .	...	...	...	88	1,404	154	1,646
Woodbrooke	...	...	...	...	...	380	878	...	1,258
Whim Creek	...	...	...	5	4	708	2,941	...	3,658
Boodarrie	...	...	...	...	35	405	310	...	750
Causeway Camp	...	...	...	...	37	469	220	...	726
Cossack	...	...	...	...	16	244	1,282	...	1,542
Roebourne	...	...	...	...	...	320	1,144	...	1,464
Fortescue	...	...	...	...	...	65	38	...	103
Mardie	...	...	...	...	...	33	2	...	35

— Signifies "no record." ... Signifies "*nil.*"

The s.s. "Albany" experienced the full force of the hurricane at sea. She was coming down the coast from Derby to Cossack, and the following extracts from Captain Odman's log will, doubtless, prove interesting. He states as a positive fact that the men's dungaree suits and his own canvas one were blown to ribbons during the storm :—

VOYAGE FROM DERBY, VIA BROOME, TO COSSACK.

Extracts from Log s.s. "Albany."

"After leaving Derby, weather became rainy, squally, and overcast. On 30th March rained heavily at times; weather threatening and strong wind from S.E.; at 8 p.m. strong E.S.E. gale.

"At 4 a.m. on the 31st, wind moderating and hauling N.E., weather clearing; 2·30 p.m., while at Broome, the weather was fine, with light N.E. winds; about midnight on the 31st the wind increased, with rains, squalls, and overcast.

"At 4 a.m. on 1st April, strong N.E. winds and squally, with rain; 8 a.m., wind and weather about the same; noon, strong N.E. winds and clear; 3 p.m., blowing N.E. gale, with heavy rains; 8 p.m., wind increasing, weather the same; 11 p.m., blowing and raining, the force of the wind being indescribable, which continued with fearful hurricane force up till 10 a.m. on the 2nd, when it suddenly and without warning became calm—in fact we could not feel a breath of wind or tell from which direction it came. The barometer then stood at 27·80, and continued stationary till 11 a.m., when it rose suddenly to 27·90, and the wind could be heard roaring and the sea boiling before we felt it, when it suddenly struck the ship from the S.W. (in an entirely opposite direction to that previously experienced), and, with the rain, became almost as dark as night, and continued to blow at much greater hurricane force than it had done before, the barometer steadily rising. The gale still continued with violent force up to midnight on the 2nd, the barometer still rising and the wind decreasing from then.

"At 4 a.m. on the 3rd, the wind moderated considerably; at 8 a.m. on the same date, the weather was fine and the sea moderately smooth, and continued so till arrival at Cossack; the wind blowing itself out steadily from the S.W."

CLIMATE.

The Climate of Perth and the South-West and South Coastal Districts.

This district may be roughly considered as bounded by the coastline and by a straight line drawn from Geraldton to Esperance. In taking Perth as representing the whole the following exceptions should be considered.

The rainfall is heaviest in the extreme South-West, diminishing thence both Northward and Eastward. It also falls off from the coast or coastal ranges in all directions inland.

The summer is very much cooler on the coast between Bunbury and Albany than elsewhere.

The sea breeze, which makes ordinary hot days bearable in Perth and coastal districts generally, is not felt very far inland. With these exceptions, then, we may consider the climate of Perth as representative of the South-West district.

PERTH CLIMATE.

Just as there are two distinct types of weather, so are there two distinct seasons, the winter and the summer. The former sets in, as a rule, rather abruptly, and the dates of the first heavy winter rains in each year may be taken to be as follows:—

FIRST HEAVY WINTER RAINS.

Year.	Winter started.	First heavy rains.	Points.	Remarks.
1880	May 15 ...	May 26 ...	155	Thunderstorm on April 29, with 115 points.
1881	April 22 ...	May 5 ...	72	
1882	April 17 ...	April 19 ...	110	
1883	May 11 ...	May 21 ...	116	Thunderstorm on April 18, with 218 points.
1884	April 29 ...	May 27 ...	126	Perfectly clear 7 to 25 May.
1885	May 9	May 9 ...	98	
1886	May 14 ...	May 15-17 ...	190	4 days' rain, then fine for 3 weeks.
1887	April 24 ...	April 25 ...	62	A lot of fine weather in May and June.
		April 30 ...	90	
1888	April 30 ...	May 1-2 ...	155	Preceded by scattered rains.
1889	May 7	May 8-10 ...	184	Heavy rain April 19-21 (253); thunderstorm April 29.
1890	May 4	May 8 ...	76	
1891	May 2	May 11 ...	115	
1892	April 12 ...	May 23 ...	98	
1893	April 2 ...	April 4 ...	70	Thunderstorm early in March.
1894	May 10 ...	May 14 ...	61	
1895	May 26 ...	May 27 ...	101	Scattered rain throughout April.
1896	April 29 ...	May 8 ...	130	Fine from 10 to 22 May.
1897	May 7	May 14 ...	176	
1898	May 12 ...	May 28 ...	128	
1899	April 12 ...	April 19-22 ...	205	

From May to the end of October may be considered the winter months, and the weather during that time is dominated by the passage of the highs and lows in the manner already described (p. 9). The average rainfall for each month is as follows:—

May	487
June	648
July	589
August	570
September	296
October	205

These figures might convey the impression that Perth is a very wet place during the winter, but the reverse is the fact. One of the wettest days that have occurred was 15th June, 1900, and on that occasion the following remarks on the rainfall of Perth and the manner in which it falls were communicated to the daily Press by the Government Astronomer:—

Last Friday (June 15th) was probably one of the wettest days that Perth has ever experienced. The winter rain here generally consists of a series of heavy showers interspersed with fairly long intervals of fine weather. On this occasion, however, there were 9 hours 20 minutes of actual rainfall between 9 a.m. on Friday and 3 a.m. on Saturday,

and the total amount registered on Saturday at 9 a.m. for the preceding 24 hours was 265 points. This constitutes a record as far as the Observatory is concerned, and the amount recorded at the Botanical Gardens, viz., 271 points, has only twice been exceeded since the records commenced in 1876. The two exceptions were in July, 1891, when 3 inches fell, and in May, 1879, when 280 points were registered. The actual number of rainy hours during one day has been exceeded only once since pluviometer records commenced in April, 1897. Between last Friday and Saturday mornings at 9 o'clock it was actually raining for 10 hours 12 minutes, and during the day ending 9 a.m., September 30th, 1897, there were 12 hours 48 minutes of actual rainfall, but the total quantity then was only 60 points, and most of this fell during the night. This morning (Sunday) 72 points, and this evening at 6 p.m. 80 points, were registered, making a total of 4 inches and 17 points between Friday morning and Sunday evening. The amount so far recorded for this month is 731 points, or nearly an inch in excess of the average for the whole month for previous years. The greatest quantity ever registered in Perth for the month of June was 12·11 inches in 1890.

Owing to this tendency for the rain to fall principally in heavy showers and at night, and to the sandy nature of the soil, which rapidly absorbs it, the general impression of the Perth winter is that of a succession of fine, bright, calm days, varied occasionally by a severe but brief storm. The weather is on the whole delightful, but it may perhaps be too mild. One misses the keen frosty feeling that is experienced in other places, and its absence probably justifies to some extent the popular statement that the climate is enervating.

At night it is frequently cold however, July showing an average of 8 nights during which the minimum thermometer in the screen registers below 40 degrees. (As this description of Perth is to be taken as representing more or less the whole of the South-West district it must be stated that severe frosts are by no means uncommon inland. The coldest part of the Colony at night is between Southern Cross and Katanning, and here the thermometer frequently falls below 32 degrees, especially if exposed to radiation. The mean minimum in the Stevenson screen for July is 39·1 at Southern Cross and 39·5 at Katanning.)

Very severe floods have been occasionally experienced at Perth and elsewhere in past years, but not since systematic records commenced.

The summer does not set in quite so abruptly as the winter. With an occasional hot day in October it commences generally in November, but does not as a rule become really noticeable until after Christmas. Taking a temperature of 90 degrees in the shade as the criterion of a hot day, we find an average of less than 1 in October, 4 in November, 7 in December, 12 in January, 12 in February, 9 in March, and 2 in April. This number (47 in all) seems rather formidable, but the heat is not, as a rule, felt oppressively on account of the short portion of the day during which it lasts on each occasion. On a normal hot summer day a sea breeze always sets in about noon on the coast, and reaches Perth about 2 p.m. The temperature then commences to fall, and the evening and night are delightfully cool and pleasant. Occasionally a protracted spell of hot weather is experienced, but even then the nights are generally cool. An interesting table is given on page 26. This includes all the "heat waves," as they are popularly termed, which have passed over Perth since January 1st, 1880, and it will be noticed that hot nights are distinctly exceptional, even during these specially selected hot periods. The longest of these spells without a break occurred in 1896, when the maximum exceeded 90 degrees on every date between January 25th and February 12th, nineteen in all; but the most severe heat was apparently in January and February, 1880. The highest reading that has so far been recorded in Perth is 116·7, which occurred in January, 1878.

Notwithstanding the fact that the monthly means are as a rule higher than those for the principal cities in South Australia, Victoria, and New South Wales, and that we are in a lower latitude than any of these, the same remark may be applied to the summer climate as to the winter. It appears to be milder than the others. One notices the absence here of those violent changes which are sometimes experienced in the other colonies. When a cool change comes after a spell of hot weather it seems to steal upon the land gradually. The appearance of soft watery cumulus clouds in the West, generally about sunset, announces the arrival of the welcome change. That evening will be cooler than the preceding ones, but not remarkably so, and next day it may be more or less cloudy, but only moderately cool. At night probably a few light showers, and we realise that a definite change has occurred. Whether or not the sudden changes experienced elsewhere act as a tonic it is difficult to say, but, at all events, they rarely if ever occur in Perth.

A curious instance of uniformity is afforded by the figures showing the average summer temperatures since 1876. One frequently hears the expression "A remarkably cool summer," or "A terribly hot summer," "A real scorcher," etc., yet we find that although the means for the individual months may vary considerably, those for the summer (November to March) diverge but little from the general average. It must be remembered, in studying the following figures, that the thermometers were transferred from one locality to another in August, 1885, and, therefore, the two periods 1876-1885 and 1886-1899 must be studied separately. So uniform on the whole are the figures, and so distinct the break, amounting to 2°·1, that the change in the method of exposure was ascertained by means of it.

The following then are the mean summer maximum day temperatures, that opposite 1876 being for the period November, 1876-March, 1877, etc.:—

Summer—November to March.	Mean Max. Day Temp.	Divergence from Average.	Summer—November to March.	Mean Max. Day Temp.	Divergence from Average.
1876	84·5°	−1·5°	1886	82·1°	−1·8°
1877	87·6°	+1·6°	1887	85·1	+1·2
1878	86·6°	+0·6	1888	83·2	−0·7
1879	86·2	+0·2	1889	83·0	+0·9
1880	86·5	+0·5	1890	83·6	−0·3
1881	86·4	+0·4	1891	84·6	+0·7
1882	84·8	−1·2	1892	84·2	+0·3
1883	85·8	−0·2	1893	83·1	−0·8
1884	84·6	−1·4	1894	83·8	−0·1
1885	87·0	+1·0	1895	85·5	+1·6
			1896	83·6	−0·3
			1897	84·8	+0·9
			1898	83·8	−0·1
			1899	83·7	−0·2
Mean for this period	86·0		Mean for this period	83·9	

Climate within the Tropics.

A lengthy description of this is unnecessary, and unfortunately our knowledge is derived mainly from coastal stations. The year may be divided into two seasons, wet and dry, the former lasting from the middle or the end of November to the end of March. During this period the weather is very unpleasant, the maximum temperature every day being close to or above 100°. Records of 110° are by no means infrequent, and the thermometer has even reached 120°, the highest reading ever registered in the Colony being 123°, at Onslow, in February, 1897. As an illustration of the extreme heat to which this region is sometimes subject the following figures for the summer of 1895-96 will doubtless prove interesting.

Mean monthly maximum temperature at Onslow:

October, 1895	100·5 deg.
November ,, ...	101·3 ,,
December ,, ...	106·1 ,,
January, 1896	103·0 ,,
February ,, ...	105·9 ,,
March ,, ...	104·0 ,,
April ,, ...	99·6 ,,

Daily maximum temperature at Onslow during two very hot periods:

1895.			1896.		
December	2	102deg.	February	9	101deg.
,,	3	109 ,,	,,	10	111 ,,
,,	4	113 ,,	,,	11	112 ,,
,,	5	111 ,,	,,	12	114 ,,
,,	6	108 ,,	,,	13	117 ,,
,,	7	106 ,,	,,	14	116 ,,
,,	8	109 ,,	,,	15	121 ,,
,,	9	106 ,,	,,	16	123 ,,
,,	10	109 ,,	,,	17	116 ,,
,,	11	109 ,,	,,	18	112 ,,
,,	12	111 ,,	,,	19	110 ,,
,,	13	115 ,,	,,	20	108 ,,
,,	14	112 ,,	,,	21	101 ,,
,,	15	110 ,,	,,	22	99 ,,
,,	16	115 ,,	,,	23	116 ,,
,,	17	111 ,,	,,	24	101 ,,
,,	18	99 ,,	,,	25	100 ,,
,,	19	112 ,,			
,,	20	121 ,,			
,,	21	104 ,,			

This is of course an extreme case, but one can now understand that occasionally a press telegram from these very hot districts has appeared in the daily papers to the following effect "A delightful cool change has set in, the shade temperature has dropped to below 100deg."

Thunderstorms, accompanied by heavy rain, are frequently experienced, and it is during this season that the willy-willy occasionally visits the N.W. coast. A moderate rainfall can generally be relied upon down to about latitude 20deg. but South of that it is uncertain. Sometimes it will be very heavy and at other times hardly a drop will fall. The heaviest ever recorded was 36·49 inches at Whim Creek, near Cossack, on April 2-3, 1898.

The most severe drought occurred between June, 1890, and January, 1892, during the whole of which period (20 months) only 73 points of rain were recorded as the mean for the Cossack district.

In the winter months or dry season, the climate is considered by the inhabitants to be most enjoyable. An occasional wet day is experienced, but the weather is for the most part fine, clear, calm and pleasant.

Climate of the Interior.

It is only within the last few years that any meteorological records have been obtainable from the interior districts of the Colony, and upon these it is hazardous to found a very definite opinion as to the climate. Up to the end of 1899, for instance, the possible occurrence of such a succession of wet stormy days as were actually experienced in 1900, would scarcely be credited, and although this volume ostensibly deals with the figures up to the end of 1899 only, it will be necessary to introduce some of those for 1900, in order that this possible phase of the climate may not be overlooked.

The climate is a mixture of the two already described. Sometimes the tropical rains come across; sometimes the winter storms of the South-West and Southern districts extend well inland, and sometimes both sources of rain fail, and a drought ensues. In the summer it is a climate to be endured as patiently as possible. On the Coolgardie goldfields the heat waves are varied by the cool changes which pass from West to East along the South coast, but from the Murchison Northwards the heat is very disagreeable indeed, whilst the inhabitants as a rule find all the recognised languages quite inadequate for a description of the flies and dust.

As a kind of compensation, the winter season is delightful. Very little rain falls, and the weather is cold, clear, and bracing.

All through the summer occasional thunderstorms may be looked for, and it sometimes happens, as already described, that monsoonal rains come right through this district from the North-West to South-East. The most severe and continuous of which we have any record occurred in March and April, 1900, but geological signs seem to indicate that heavy floods have occurred in past years. The following brief description was written at the end of April, and was supplemented later by a table showing daily rainfall throughout April at selected stations. The description is here reproduced, and also the table, but somewhat further curtailed:—

This month will long be remembered as the month of the great floods. These have been so severe that telegraph lines are interrupted all North of Geraldton, and the postal service in the interior is completely demoralised. The extensive dry plains are now converted into inland seas or lakes, and the rivers have become raging torrents. Peak Hill and Lake Way Stations, situated in the great inland desert, are completely cut off from all food supplies, and it is proposed to shortly hold a regatta at the latter place, where a boat can now sail a course of 70 miles. It will easily be understood that our reports are but few, and, therefore, we are unavoidably obliged to postpone a full account of the rainfall until later. It was of a monsoonal character, and travelled from the North-West coast, in a more or less South-Easterly direction, towards the head of the Great Australian Bight. It may be said to have first set in on the 2nd of March, a detailed account of a heavy storm being given in last month's notes. After the main storm passed away, the weather continued unsettled, with occasional showers throughout the remainder of the month. Rain re-commenced in earnest on the 1st of April, and from then till the 20th a dense cloud-bank enveloped nearly the whole of Western Australia, and the rain was almost incessant. We have, unfortunately, but scanty records from which to make a comparison with past years, but, from all that can be gathered, the present fall has been the heaviest, most general, and most persistent ever known, and no man living has ever seen the country flooded to the same extent. The barometric conditions accompanying the rainfall were as follows:—Although the weather was cloudy and showery throughout the first 20 days of the month, there were three periods of maximum intensity, viz., on the 2nd to 4th, 10th to 12th, and 15th to 17th. During each of these periods a "high" was traversing the South coast from West to East, with falling gradients, thence towards the North-West coast. In the first period a "low" made its way down the West coast from tropical latitudes to the neighbourhood of Geraldton, when it passed inland and travelled across to the Bight. It was of no great intensity, and all the heavy rain preceded it. In the second period there were again signs of a "low" out to sea off the North-West Cape, but this never developed. During the third period (15th to 17th), a "low" apparently passed rapidly across from the North-West Cape to the Bight, but, in this case again, the fall in the barometers was inconsiderable. During nearly the whole 20 days the winds throughout the Colony were from the Eastward, but there can be little doubt that all the rain came from the North-West, although the country observers were not sufficiently versed in cloud observations to make this point certain. The cloud area just escaped Perth, and we were able to see the edge of it, day after day, peeping over the Darling Ranges. The weather here was mostly fine, but unpleasant, with strong Easterly winds, and only a few points of rain. On the 23rd the character of the weather showed signs of a complete change. Our remarks on the map for that morning stated:—

> "To-day's weather reports appear to indicate that the character of the season is abruptly changing from Summer to Winter. There are now signs of the first Winter type of "low" approaching the South-West coast, and the monsoonal rains that have been so exceptionally heavy throughout the interior seem to have now ceased."

This was verified later. The barometer fell rapidly to 29°·674 at 3 p.m. on the 24th, with a heavy North-West gale. The anemograph recorded a total horizontal motion of 150 miles between 9 a.m. and noon, and 955 miles for the 24 hours ending midnight, 24-5th, this being the greatest total yet registered. At Cape Leeuwin the barometer fell to 29°·205 at noon on the 25th, and the total motion of the wind for the 24 hours was 1,165 miles. The usual winter rains accompanied the passage of this disturbance, giving the Coolgardie Fields even yet another downpour.

Daily Rainfall throughout the Colony for April, 1900.

Stations.	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	Total.
Wyndham	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	113	...	...	...	...	...	...	...	...	...	...	...	...	...	118
Hall's Creek	...	...	...	...	...	...	...	...	...	...	...	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
La Grange Bay	...	2	5	103	58	...	...	...	..	...	...	...	...	...	...	...	...	...	38	...	...	...	...	...	...	...	...	...	...	...	206
Condon	...	...	22	450	5	...	...	...	...	...	...	...	...	22	80	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	624
Marble Bar	10	...	...	91	29	...	...	...	...	...	...	...	...	13	130	139	2	...	...	...	...	...	...	...	...	...	...	...	...	...	414
Cossack	...	...	10	116	115	...	...	...	2	...	...	...	132	102	689	1,323	17	...	...	...	...	...	...	...	...	...	...	...	...	...	2,506
Onslow	...	227	95	83	...	...	...	...	69	45	80	62	356	...	15	21	7	...	...	...	40	...	...	...	...	...	...	...	...	...	1,100
Carnarvon	56	125	165	63	...	...	...	...	...	...	105	27	...	...	...	...	17	...	...	25	49	...	...	3	12	...	...	...	...	...	647
Hamelin Pool	15	...	10	7	...	...	...	...	...	...	3	1	1	...	...	...	...	...	...	...	...	...	...	...	50	...	...	...	...	...	87
Peak Hill	...	17	176	37	9	...	...	...	3	15	28	203	30	5	6	167	110	...	...	39	125	...	...	...	...	8	8	...	...	2	988
Abbott's	...	52	221	10	54	...	...	...	...	39	116	237	238	9	19	114	4	...	...	12	75	16	...	...	...	2	...	...	...	...	1,218
Mileura	...	62	258	30	58	...	...	...	...	...	86	136	50	...	36	30	...	...	...	...	65	...	...	...	...	...	...	...	...	...	811
Murgoo	...	14	27	22	...	...	...	...	...	167	8	32	2	60	...	...	...	...	...	...	...	...	...	42	...	...	...	...	...	2	376
Nannine	...	21	130	140	50	...	...	...	...	4	208	160	...	25	...	...	...	...	...	18	45	...	...	...	...	...	...	...	...	...	801
Cue	...	22	58	152	31	...	...	...	...	...	129	39	134	...	225	17	...	...	...	14	5	...	...	...	6	...	...	...	...	...	832
Mt. Magnet	...	...	3	93	68	...	10	...	...	...	62	13	...	...	27	53	...	...	...	2	...	3	27	..	...	...	...	...	...	...	361
Challa	...	...	...	...	145	...	...	...	...	...	50	...	...	60	...	25	...	...	...	10	...	...	...	19	...	...	...	...	...	...	309
Yalgoo	...	...	...	80	87	2	...	...	...	...	47	...	4	...	...	...	...	...	...	...	...	...	...	7	47	...	...	...	...	...	274
Northampton	...	...	...	38	25	31	...	...	...	...	4	11	12	...	...	...	...	...	...	...	2	...	...	29	123	...	...	...	...	...	275
Geraldton	...	...	...	20	17	2	...	...	...	...	38	...	23	...	21	9	...	...	...	...	12	...	...	33	124	1	5	...	...	...	305
Walebing	...	...	...	...	10	2	...	...	...	...	...	...	1	...	14	3	...	...	...	...	...	...	...	6	100	13	8	...	...	...	157
Perth Observatory	...	...	...	...	1	...	...	...	...	...	...	...	...	...	3	2	...	...	...	...	...	...	...	8	42	50	25	...	...	...	131
Pinjarra	...	...	...	...	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	100	65	10	...	...	...	200
York	...	...	...	...	5	4	...	...	...	...	...	...	...	...	...	12	5	...	...	...	...	...	...	26	60	14	11	...	...	...	137
Bunbury	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	6	82	90	10	...	...	...	189
Bridgetown	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	1	...	...	...	...	...	...	...	93	114	5	...	...	5	221
Katanning	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	14	5	...	...	...	...	...	...	...	42	30	...	...	...	9	102
Albany	2	13	7	24	17	5	1	2	13	...	...	...	5	10	1	10	4	11	...	...	...	...	...	...	36	72	53	1	...	2	289
Lake Way	...	291	102	55	2	...	...	40	68	159	132	275	...	72	207	113	...	178	134	244	...	...	...	...	3	...	...	...	...	...	2,075
Lawlers	...	...	24	101	115	3	...	...	...	...	157	56	36	22	67	107	36	...	...	46	26	...	...	1	2	...	...	...	...	...	799
Mt. Malcolm	...	...	...	72	38	22	...	...	...	...	22	51	22	8	3	80	57	...	8	87	29	...	...	2	...	5	...	...	...	...	506
Laverton	...	...	...	...	121	162	...	...	...	...	23	68	84	11	15	71	79	...	...	...	171	...	...	...	...	...	...	...	...	...	805
Pendennie	...	...	...	90	59	16	...	...	6	...	26	26	35	25	...	50	67	...	...	13	6	...	...	...	...	...	...	...	...	...	419
Menzies	...	...	5	7	41	1	...	...	9	...	6	12	99	23	...	31	60	...	...	72	2	...	...	1	...	...	...	...	...	...	325
Goongarrie	...	...	...	6	75	8	...	...	...	...	...	3	36	21	...	16	35	...	...	25	...	...	...	16	...	...	...	...	...	...	241
Kurnalpi	...	...	2	2	92	14	3	...	...	...	...	...	...	24	...	16	21	...	...	40	...	13	...	...	10	7	...	...	...	...	244
Kalgoorlie	...	...	3	6	61	27	...	...	8	12	...	...	...	26	...	22	30	...	...	7	72	3	...	14	52	...	...	...	...	...	343
Coolgardie	...	...	1	9	72	17	1	...	1	...	...	...	...	10	...	24	42	...	...	...	103	5	...	5	66	...	...	...	...	...	356
Widgemooltha	...	...	1	1	98	13	13	...	...	6	...	...	...	9	...	33	43	...	...	39	44	25	...	...	34	...	...	...	...	...	359
Norseman	...	...	...	60	8	8	...	...	4	...	...	...	9	...	...	28	51	...	...	5	21	...	3	...	43	...	2	...	...	...	242
Southern Cross	...	...	...	...	23	9	...	...	25	...	...	...	...	...	6	85	15	...	...	...	...	...	...	27	70	...	...	...	...	...	260
Mt. Jackson	...	...	...	20	150	8	...	...	...	..	...	...	...	...	...	71	12	...	...	...	10	...	...	...	52	...	...	...	...	...	323
Burracoppin	...	...	...	...	15	28	...	...	...	...	...	...	...	...	15	88	7	...	...	...	...	...	...	17	103	9	5	...	...	...	287
Wattoning	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	120	...	...	...	...	...	...	...	80	...	...	...	...	200
Coconarup	...	20	...	...	22	19	...	5	3	4	...	.	16	23	57	98	6	...	...	6	26	11	...	...	62	...	...	4	...	...	382
Esperance	...	...	5	...	20	50	1	6	8	...	...	...	9	12	...	1	33	4	...	3	102	10	...	2	84	...	4	6	...	...	390
Israelite Bay	...	2	15	67	50	...	...	...	...	...	...	...	...	20	...	3	47	5	...	6	108	...	6	...	23	...	...	...	...	...	352
Balladonia	...	...	...	...	...	88	40	9	5	8	...	...	...	...	12	...	...	32	...	...	51	114	7	...	...	12	4	...	...	...	...	382
Eyre	...	20	...	...	6	5	14	1	3	6	...	...	1	6	...	...	37	2	...	...	198	40	...	...	...	5	...	22	2	...	368

... Signifies "nil."

CLIMATOLOGICAL TABLES.

PERTH (BOTANIC GARDENS).

PERTH.

BAROMETER reduced to 32° F., and to Mean Sea Level.

The "Monthly Mean" is the mean of 9 a.m. and 3 p.m.

		January.	Febru-ary.	March.	April.	May.	June.	July.	August.	Sep-tember.	October.	Novem-ber.	Decem-ber.	Year.
1876	Highest	30·046	30·154	30·311	30·408	30·353	30·423	30·463	30·457	30·373	30·259	30·212	30·265	30·463
	Monthly Mean ...	29·818	29·931	29·971	30·135	30·138	30·151	30·229	30·150	30·099	30·029	29·928	29·996	30·048
	Lowest	29·533	29·814	29·794	29·858	29·691	29·789	29·833	29·856	29·472	29·699	29·319	29·715	29·319
1877	Highest	30·122	30·096	30·206	30·415	30·479	30·663	30·460	30·437	30·471	30·541	30·290	30·286	30·663
	Monthly Mean ...	29·931	29·931	30·103	30·159	30·073	30·327	30·140	30·191	30·232	30·103	30·072	30·005	30·106
	Lowest	29·731	29·711	29·898	29·786	29·651	30·013	29·767	29·657	30·022	29·895	29·885	29·769	29·651
1878	Highest	30·145	30·079	30·254	30·196	30·451	30·493	30·404	30·520	30·216	30·229	30·318	30·115	30·520
	Monthly Mean ...	29·939	29·960	29·995	30·056	30·133	30·071	29·972	30·090	30·006	29·997	30·005	29·907	30·011
	Lowest	29·622	29·791	29·563	29·759	29·766	29·706	29·327	29·659	29·772	29·679	29·642	29·552	29·327
1879	Highest	30·101	30·170	30·120	30·373	30·326	30·452	30·438	30·446	30·305	30·221	30·333	30·097	30·452
	Monthly Mean ...	29·904	29·924	30·052	30·276	29·969	30·022	30·141	30·135	30·091	30·137	29·984	29·897	30·044
	Lowest	29·474	29·700	29·770	29·887	29·381	29·651	29·736	29·715	29·690	29·750	29·730	29·723	29·381
1880	Highest	30·044	30·062	30·172	30·401	30·390	30·430	30·540	30·445	30·496	30·345	30·218	30·264	30·540
	Monthly Mean ...	29·814	29·877	29·934	30·028	30·047	30·067	30·179	30·069	30·104	30 075	29·990	29·972	30 013
	Lowest	29·519	29·762	29·667	29·649	29·768	29·480	29·880	29·736	29·760	29·872	29·847	29·793	29·480
1881	Highest	30·147	30·229	30·305	30·320	30·465	30·391	30·476	30·555	30·496	30·309	30·190	30·166	30·555
	Monthly Mean ...	29·913	29·971	30·019	30·086	30·087	30·136	30·176	30·210	30·140	30·053	29·915	29·897	30·051
	Lowest	29·620	29·739	29·687	29·917	29·581	29·601	29·599	29·894	29·722	29·920	29·719	29·674	29·581
1882	Highest	30·230	30·130	30·288	30·244	30·487	30·472	30·401	30·365	30·354	30·393	30·263	30·263	30·487
	Monthly Mean ...	29·956	29·936	29·964	29·930	30·109	30·135	30·127	30·014	30·101	30·038	30·010	29·903	30·019
	Lowest	29·714	29·653	29·599	29·461	29·854	29·676	29·744	29·587	29·850	29·701	29·736	29·646	29·461
1883	Highest	30·255	30·380	30·298	30·303	30·225	30·295	30·578	30·548	30·598	30·425	30·141	30·184	30·598
	Monthly Mean ...	29·948	29·951	30·023	30·050	29·995	29 971	30·200	30·126	30·207	30·094	29·971	29·952	30·041
	Lowest	29·777	29·616	29·686	29·820	29·440	29·359	29·872	29·711	29·827	29·680	29·795	29·662	29·359
1884	Highest	30·199	30·209	30·145	30·338	30·575	30·477	30·569	30·384	30 492	30·480	30·255	30·234	30·575
	Monthly Mean ...	29·951	29·959	29·962	30·054	30·144	30·060	30·211	30·074	30·094	30·077	29·958	29·953	30·041
	Lowest	29·664	29·709	29·784	29·816	29·677	29·541	29·868	29·662	29·737	29·604	29·688	29·747	29·541
1885	Highest	30·204	30·246	30·298	30·464	30·438	30·530	30·495	30·570	30·287	30·463	30·275	30·265	30·570
	Monthly Mean ...	29·974	29·960	30·030	30·110	30·046	30·186	30·090	30·078	30·134	30·110	30·048	29·922	30·057
	Lowest	29·729	29·767	29·791	29·835	29·521	29·499	29·784	29·624	29·860	29·611	29·834	29·665	29·499
1886	Highest	30·306	30·129	30·387	30·390	30·386	30·507	30·557	30·433	30·309	30·462	30·331	30·252	30·557
	Monthly Mean ...	29·996	29·928	30·061	30·170	30·150	30·252	30·134	30·048	30·044	30·146	30·091	30·012	30·086
	Lowest	29·639	29·539	29·785	29·787	29·863	29·959	29·756	29·460	29·727	29·727	29·867	29·705	29·460
1887	Highest	30·183	30·276	30·291	30·409	30·462	30·508	30·585	30·499	30·482	30·478	30·426	30·240	30·585
	Monthly Mean ...	29·956	29·960	30·048	30·129	30·138	30·129	30·127	29·067	30·118	30·118	30·018	30·004	30·068
	Lowest	29·795	29·766	29·783	29·692	29·714	29·577	29·596	29·612	29·820	29·637	29·615	29·727	29·577
1888	Highest	30·298	30·170	30·319	30·397	30·447	30·426	30·518	30·478	30·512	30·438	30·303	30·230	30·518
	Monthly Mean ...	29·908	29·994	30·075	30·123	30·111	30·095	30·216	30·176	30·118	30·112	30·012	29·993	30·078
	Lowest	29·580	29·764	29·848	29·825	29·839	29·611	29·812	29·662	29·704	29·909	29·725	29·773	29·580
1889	Highest	30·345	30·226	30·325	30·329	30·544	30·402	30·560	30·399	30·362	30·435	30·257	30·124	30·560
	Monthly Mean ...	30·008	29·974	30·084	30·050	30·086	29·969	30·173	30·120	30·036	30·044	29·937	29·912	30·029
	Lowest	29·791	29·762	29·785	29·806	29·504	29·414	29·698	29·703	29·710	29·631	29·643	29·770	29·414
1890	Highest	30·146	30·234	30·298	30·359	30·420	30·343	30·482	30·352	30·470	30·302	30·290	30·181	30·482
	Monthly Mean ...	29·904	29·917	30·040	30·084	30·043	30·024	30·162	30·098	30·020	29·915	30·065	29·941	30·018
	Lowest	29·594	29·706	29·706	29·814	29·533	29·628	29·800	29·739	29·552	29·560	29·812	29·628	29·533
1891	Highest	30·182	30·228	30·325	30·394	30·404	30·423	30·566	30·529	30·586	30·278	30·369	30·220	30·586
	Monthly Mean ...	29·928	29·983	30·036	30·132	30·065	30·106	30·258	30·216	30·150	30·074	30·066	29·982	30·083
	Lowest	29·653	29·701	29·671	29·831	29·708	29·759	29·578	29·788	29·726	29·842	29·813	29·750	29·578
1892	Highest	30·132	30·129	30·251	30·395	30·475	30·518	30·434	30·331	30·350	30·384	30·237	30·266	30·518
	Monthly Mean ...	29·935	29·976	29·926	30·162	30·136	30·196	30·094	30·008	30·100	30·084	30·005	29·954	30·048
	Lowest	29·714	29·809	29·649	29·862	29·799	29·755	29·638	29·690	29·860	29·724	29·541	29·748	29·541
1893	Highest	30·180	30·215	30·302	30·253	30·388	30·383	30·332	30·556	30·336	30·334	30·292	30·188	30·556
	Monthly Mean ...	29·890	29·879	30·045	29·976	30·027	30·121	30·038	30·194	30·006	30·010	30·022	29·918	30·010
	Lowest	29·670	29·550	29·820	29·580	29·674	29·423	29·564	29·760	29·504	29·740	29·714	29·682	29·423
1894	Highest	30·101	30·278	30·309	30·444	30·349	30·411	30·558	30·348	30·412	30·350	30·310	30·254	30·558
	Monthly Mean ...	29·934	30·017	30·006	30·135	30·160	30·114	30·194	30·096	30·096	30·070	30·006	29·924	30·063
	Lowest	29·714	29·809	29·722	29·880	29·890	29·748	29·473	29·760	29·580	29·788	29·721	29·649	29·473

PERTH—*continued.*

BAROMETER reduced to 32° F., and to Mean Sea Level.

The "Monthly Mean" is the mean of 9 a.m. and 3 p.m.

		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1895	Highest	30·224	30·218	30·352	30·456	30·448	30·500	30·475	30·365	30·500	30·394	30·320	30·139	30·500
	Monthly Mean ...	29·927	29·982	30·102	30·157	30·206	30·088	30·138	30·035	30·097	30·080	30·053	29·975	30·070
	Lowest	29·572	29·716	29·921	29·852	29·943	29·544	29·668	29·630	29·660	29·756	29·642	29·752	29·544
1896	Highest	30·166	30·195	30·166	30·385	30·439	30·384	30·611	30·435	30·587	30·342	30·289	30·194	30·611
	Monthly Mean ...	29·872	29·954	29·956	30·138	30·171	30·058	30·102	30·164	30·178	30·100	29·984	30·013	30·058
	Lowest	29·664	29·640	29·576	29·835	29·865	29·637	29·542	29·724	29·856	29·852	29·750	29·844	29·542
1897	Highest	30·153	30·305	30·336	30·384	30·493	30·297	30·515	30·443	30·511	30·289	30·262	30·305	30·515
	Monthly Mean ...	29·939	29·990	30·029	30·106	30·154	30·028	30·180	30·183	30·087	30·080	30·014	29·956	30·062
	Lowest	29·695	29·698	29 810	29·817	29·664	29·535	29·749	29·692	29·536	29·787	29 819	29·606	29·535
1898	Highest	30·144	30·188	30·190	30·400	30·515	30·418	30·532	30·360	30·358	30·270	30·211	30·188	30·532
	Monthly Mean ...	29·910	29·860	29·964	30·200	30·122	30·076	30·120	30 008	30·085	29·966	30·007	29·931	30·021
	Lowest	29·514	29·635	29·709	29·824	29·621	29·596	29·509	29·509	29·595	29·654	29·653	29·675	29·509
1899	Highest	30·165	30·248	30·193	30·387	30·555	30·564	30·453	30·605	30·527	30·378	30·229	30·267	30·605
	Monthly Mean ...	29·944	29·944	29·964	30·041	30·168	30·062	30·130	30·186	30·142	29·968	30·042	29·982	30·048
	Lowest	29·640	29·736	29·694	29·754	29·808	29·598	29·538	29·652	29·868	29·603	29·754	29 757	29·538
Average.	Extreme Highest ...	30·345	30·380	30·387	30·464	30·575	30·663	30·661	30·605	30·598	30·541	30·426	30·305	30·663
	*Monthly Mean ...	29·935	29·954	30·024	30·114	30·116	30·100	30·144	30·112	30·094	30·058	30·024	29·961	30·053
	Extreme Lowest ...	29·474	29·539	29·563	29·461	29·381	29·359	29·327	29·460	29·472	29·560	29·319	29·552	29·319

* Prior to 1885 observations were not taken at 9 a.m. and 3 p.m., and the noon reading has been entered as the monthly mean. Since that date the mean is taken from the 9 a.m. and 3 p.m. readings. The average of the monthly means is taken out for 15 years only, viz., from 1885 to 1899.

PERTH.

TEMPERATURE.—*The "Monthly Mean" is the mean of the Maximum and Minimum daily readings.*

		January	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1876	Highest	102·5	112·0	99·0	90·5	80·0	73·7	75·2	83·5	75·5	89·3	101·3	102·4	112·0
	Mean Max. ...	86·6	93·7	83·4	79·7	72·1	66·4	67·2	69·4	68·8	72·3	76·1	82·6	76·5
	Monthly Mean ...	74·7	79·0	71·6	67·7	60·8	56·8	57·2	58·1	58·4	62·1	66·6	70·4	65·3
	Mean Min. ...	62·8	64·2	59·7	55·7	49·5	47·2	47·2	46·8	48·0	51·9	57·0	58·2	54·0
	Lowest	50·0	57·0	51·0	46·0	37·5	37·5	34·7	39·0	42·0	44·2	49·8	48·8	34·7
1877	Highest	106·5	107·2	103·0	97·5	74·8	77·0	70·0	79·8	84·0	95·4	102·3	101·3	107·2
	Mean Max. ...	85·6	89·3	89·1	78·4	68·9	65·1	63·4	65·8	74·7	79·8	85·2	82·8	77·3
	Monthly Mean ...	73·6	76·4	77·4	67·6	61·0	54·3	55·8	57·4	62·8	68·4	71·4	70 7	66·4
	Mean Min. ...	61·6	63·5	65·8	56·9	53·0	43·5	48·1	48·9	50·8	57·1	57·7	58·6	55·5
	Lowest	51·3	54·8	57·1	48·2	44·8	31·2	34·3	37·5	40·0	44·0	49·3	53·0	31·2
1878	Highest	116·7	103·6	101·0	95·0	85·0	75·0	69·0	78·0	80·0	82·0	105·0	109·0	116·7
	Mean Max ...	94·4	90·7	84·7	77·0	73·0	66·0	65·0	66·0	69·0	75·0	85·0	87·0	77·7
	Monthly Mean ...	80·0	77·4	73·2	66·5	62·5	58·0	57·5	57·5	61·5	66·0	72·5	74·5	67·3
	Mean Min. ...	65·6	64·2	61·8	56·0	52·0	50·0	50·0	49·0	54·0	57·0	60·0	62·0	56·8
	Lowest	58·7	57·3	50·2	44·0	44·0	38·0	40·0	39·0	41·0	45·0	47·0	55·0	38·0
1879	Highest	106·2	106·0	106·2	106·5	83·8	73·7	67·6	77·8	79·8	91·4	93·2	100·4	106·5
	Mean Max. ...	90·1	88·5	82·5	80·0	69·8	66·9	63·2	66·0	69·5	71·1	75·7	81·8	75·4
	Monthly Mean ...	77·8	75·6	73·2	66·6	60·8	58·0	54·6	56·3	59·0	61·6	66·4	71·0	65·1
	Mean Min. ...	65·6	62·8	64·1	53·3	51·8	49·1	45·9	46·6	48·6	52·1	57·0	60·1	54·8
	Lowest	54·4	53·0	53·0	41·6	41·2	41·4	35·9	38·3	40·6	43·0	45·2	47·0	35·9
1880	Highest	110·0	109·5	93·8	96·3	77·2	73·8	72·2	71·2	89·0	84·1	95·2	102·5	110·0
	Mean Max. ...	97·8	93·0	82·7	77·7	71·1	64·1	65·2	65·3	70·4	72·4	78·7	86·4	77·1
	Monthly Mean ...	82·2	78·4	71·0	65·4	60·4	54·0	54·2	56·2	59·0	60·2	66·5	71·6	64·9
	Mean Min. ...	66·7	63·7	59·2	53·1	49·7	43·9	43·3	47·0	47·7	48·1	54·3	56·9	52·8
	Lowest	55·0	53·4	50·0	43·0	43·4	38·2	35·6	38·5	43·0	42·8	45·8	49·3	35·6
1881	Highest	107·5	107·3	104·4	95·4	82·6	74·4	71·0	77·2	81·1	91·0	96·6	103·8	107·5
	Mean Max. ...	85·6	91·7	90·0	80·3	70·3	64·7	66·1	68·2	70·3	78·3	80·5	84·7	77·6
	Monthly Mean ...	72·8	77·4	75·1	68·4	61·2	53·9	55·3	55·6	59·4	66·6	70·2	73·2	65·8
	Mean Min. ...	59·9	63·0	60·2	56·5	52·0	43·1	44·5	42·9	48·6	54·8	59·9	61·6	53·9
	Lowest	49 4	52·9	50·7	47·0	42·0	35·8	37·6	35·0	39·8	48·1	50·6	53·6	35·8
1882	Highest	111·4	113·8	104·8	94·0	81·8	70·0	68·7	71·0	81·8	96·0	93·0	114·0	114·0
	Mean Max. ...	88·3	93·6	85·1	75·8	68·4	63·3	62·8	63·0	68·9	75·1	79·5	88·0	76·0
	Monthly Mean. ...	75·4	78·6	72·4	65·7	58·0	53·5	54·7	55·2	59·6	63·0	67·9	75·0	64·9
	Mean Min. ...	62·6	63·7	59·7	55·7	47·6	43·7	46·6	47·4	49·3	51·0	56·3	62·0	53·8
	Lowest	52·0	55·3	49·7	48·0	34·0	35·2	39·8	38·7	40 0	43·0	45·0	52·9	34·0
1883	Highest	105·5	106·0	93·0	97·0	82·0	76·0	72·0	74·0	82·0	95·0	105·0	106·0	106·0
	Mean Max. ...	86·9	87·4	82·4	77·7	71·1	66·5	63·6	64·2	68·2	75·3	81·8	82·3	75·6
	Monthly Mean ...	73·5	74·5	70·4	66·8	61·8	59·4	54·6	54·2	57·4	62·6	68·6	71·4	64·6
	Mean Min. ...	60·1	61·6	58·3	55·8	52·6	52·4	45·7	44·2	46·7	50·0	55·3	60·4	53·6
	Lowest	50·9	52·0	49·0	44·0	39·0	45·0	37·0	36·0	38·0	40·0	47·0	52·0	36·0
1884	Highest	116·0	109·0	105·0	91·0	78·0	70·0	72·0	75·0	80·0	87·0	101·0	98·0	116·0
	Mean Max. ...	89·8	89·2	86·2	77·5	69·9	63·5	63·2	66·8	67·9	73·2	80·2	79·8	75·6
	Monthly Mean ...	75·7	75·6	72·4	65·6	59·6	56·0	54·2	59·2	58·9	62·1	68·9	68·6	64·7
	Mean Min. ...	61 6	62·1	58·6	53·8	49·2	48·5	45·1	51·6	49·9	51·0	57·6	57·3	53·8
	Lowest	47·0	54·0	49·0	41·0	41·0	39·0	33·0	39·0	39·0	43·0	46·0	49·0	33·0
1885	Highest	109·0	112·0	101·0	88·0	73·0	72·0	75·0	76·0	80·0	88·0	99·0	107·0	112·0
	Mean Max. ...	87·5	88·9	86·8	76·7	67·4	63·8	64·5	64·4	67·9	73·5	81·2	85·8	75·7
	Monthly Mean ...	74·2	74·1	72·6	65·0	59·1	55·8	56·2	56·8	57·4	63·1	69·2	74·1	64·8
	Mean Min. ...	61·0	59·3	58·5	53·3	50·8	47·9	47·9	49·1	47·0	52·7	57·1	62·4	53·9
	Lowest	47·0	50·0	47·0	46·0	40·0	39·0	34·0	42·0	39·0	45·0	41·0	49·0	34·7
1886	Highest	105·0	109·0	101·0	91·0	92·0	72·0	70·0	67·0	81·0	90·0	96·0	105·0	109·0
	Mean Max. ...	87·9	91·7	88·3	80·2	72·1	66·7	62·4	62·0	67·1	68·8	77·6	84·4	75·8
	Monthly Mean ...	75·0	78·6	75·0	66·7	60·4	55·8	53·3	53·7	57·9	58·1	66·2	72·1	64·4
	Mean Min. ...	62·2	65·4	61·6	53·2	48·6	44·9	44·2	45·4	48·7	47·4	54·9	59·8	53·0
	Lowest	52·0	54·0	53·0	44·0	35·0	34·0	36·0	37·0	42·0	38·0	46·0	51·0	34·0
1887	Highest	95·0	98·0	99·0	81·0	75·0	69·0	72·0	72·0	78·0	90·0	96·0	100·0	100·0
	Mean Max. ...	82·7	84 3	81·5	73·6	69·7	61·8	61·4	64·4	65·1	71·7	81·0	83·1	73·4
	Monthly Mean ...	71·6	72·7	70·2	62·5	58·8	53·4	53·6	54·8	56·7	61·2	70·0	71·6	63·1
	Mean Min. ...	60·5	61·1	58·9	51·4	48·0	44·9	45·8	45·3	48·3	50·8	58·9	60·1	52·8
	Lowest	53·0	50·0	48·0	41·0	42·0	38·0	35·0	37·0	35·0	43·0	46·0	51·0	35·0
1888	Highest	105·0	101·0	104·0	91·0	79·0	75·0	70·0	73·0	84·0	95·0	97·0	105·0	105·0
	Mean Max. ...	85·9	86·1	89·6	78·2	68·8	66·0	64·3	65·2	69·1	74·1	78·9	82·6	75·7
	Monthly Mean ...	74·0	74·4	76·6	67·7	59·4	57·7	54·8	54·3	58·7	64·9	68·9	72·4	65·3
	Mean Min. ...	62·1	62·7	63·7	57·2	49·9	49·4	45·3	43·4	48·3	55·7	58·9	62·2	54·9
	Lowest	52·0	56·0	56·0	47·0	41·0	39·0	38·0	34·0	38·0	45·0	46·0	55·0	34·0
1889	Highest	107·0	99·0	100·0	95·0	76·0	69·0	70·0	77·0	77·0	78·0	89·0	99·0	107·0
	Mean Max. ...	83·7	85·2	85·6	80·0	67·3	63·0	63·3	65·8	67·9	69·1	74·7	82·3	74·0
	Monthly Mean ...	72·7	74·0	73·4	68·6	58·0	55·6	54·7	56·5	59·4	59·6	65·0	71·2	64 0
	Mean Min. ...	61·7	62·8	61·3	57·3	48·7	47·0	46·1	47·2	50·9	50·1	55·3	60·0	54·0
	Lowest	46·0	52·0	52·0	48·0	36·0	37·0	37·0	38·0	42·0	44·0	48·0	52·0	36·0

PERTH—*continued.*

TEMPERATURE.—*The "Monthly Mean" is the Mean of the Maximum and Minimum daily readings.*

		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1890	Highest	106·0	98·0	97·0	99·0	86·0	70·0	68·0	72·0	81·0	85·0	94·0	100·0	106·0
	Mean Max. ...	89·4	84·8	83·7	83·2	70·7	63·3	62·5	64·8	67·5	68·1	79·1	81·2	74·9
	Monthly Mean ...	76·4	74·0	71·7	69·4	61·8	54·8	52·7	55·9	58·6	59·4	67·4	70·8	64·4
	Mean Min. ...	63·5	63·1	59·7	55·6	52·9	46·3	42·9	47·0	49·8	50·8	55·8	60·5	54·0
	Lowest	52·0	54·0	50·0	47·0	43·0	38·0	38·0	38·0	42·0	41·0	49·0	53·0	38·0
1891	Highest	104·0	107·0	98·0	96·0	81·0	73·0	71·0	74·0	80·0	84·0	101·0	97·0	107·0
	Mean Max. ...	84·6	89·3	84·0	79·9	70·3	64·9	64·5	66·5	67·8	73·7	82·8	81·1	75·8
	Monthly Mean ...	72·3	75·2	72·4	68·0	61·0	56·4	54·4	56·4	57 3	62·8	70·0	70·2	64·7
	Mean Min. ...	60·0	61·2	60·7	56·2	51·8	47·8	44·4	46·3	46·8	52·0	57·1	59·2	53·6
	Lowest	50·0	51·0	52·0	47·0	41·0	41·0	36·0	39·0	41·0	42·0	50·0	50·0	36·0
1892	Highest	109·0	105·0	98·0	92·0	82·0	69·0	69·0	70·0	81·0	84·0	86·0	103·0	109·0
	Mean Max. ...	88·3	90·3	80·4	77·6	71·4	63·6	64·0	63·7	69·2	70·9	75·1	84·5	74·9
	Monthly Mean ...	76·0	76·4	71·4	66·2	60·6	54·8	54·8	55·2	59·5	60·1	64·3	73·0	64·4
	Mean Min. ...	63·8	62·6	62·4	54·8	49·8	45·9	45·5	46·8	49·8	49·3	53·6	61·5	53·8
	Lowest	51·0	53·0	54·0	45·0	41·0	37·0	36·0	35·0	41·0	41·0	44·0	50·0	35·0
1893	Highest	106·0	100·0	100·0	81·0	77·0	72·0	69·0	74·0	84·0	77·0	90·0	102·0	106·0
	Mean Max. ...	89·6	87·8	84·2	72·6	67·4	63·5	64·1	64·9	67·6	68·3	75·9	81·6	74·0
	Monthly Mean ...	76·2	76·1	73·4	63·0	59·0	54·4	55·9	56·2	59·6	60·1	65·8	71·7	64·3
	Mean Min. ...	62·8	64·4	62·7	53·4	50·6	45·4	47·7	47·4	51·5	51·9	55·8	61·8	54·6
	Lowest	53·0	50·0	52·0	43·0	37·0	35·0	35·0	35·0	40·0	43·0	46 0	52·0	35·0
1894	Highest	107·0	102·0	104·0	85·0	86·0	73·0	71·0	71·0	80·0	97·0	103·0	102·0	107·0
	Mean Max. ...	88·6	87·4	82·0	77·7	71·2	66·0	63·4	65·0	68·3	71·0	80·5	85·5	75·6
	Monthly Mean ...	75·5	74·5	71·1	65·3	60·5	58·5	54·4	56·2	58·4	61·6	70·4	73·9	65·0
	Mean Min. ...	62·4	61·6	60·2	52·9	49·8	51·0	45·4	47·5	48·6	52·1	60·3	62·3	54·5
	Lowest	50·0	56·0	47·0	41·0	38·0	41·0	38·0	40·0	43·0	42·0	49·0	56·0	38·0
1895	Highest	96·0	102·0	100·0	93·0	80·0	81·0	67·0	74·0	80·0	96·0	97·0	104·0	104·0
	Mean Max. ...	82·7	82·9	87·4	74·2	71·3	66·7	63·1	66·5	65·8	75·7	82·6	81·4	75·0
	Monthly Mean ...	71·3	72·0	74·0	63·0	60·1	57·0	54·4	59·4	58·6	65·0	71·4	70·9	64·9
	Mean Min. ...	59·9	61·1	60·6	51·9	48·9	47·3	45·8	52·2	51·3	54·2	60·2	60·4	54·5
	Lowest	48·0	52·0	51·0	44·0	39·0	38·0	37·0	41·0	39·0	45·0	46·0	54·0	37·0
1896	Highest	112·0	102·0	98·0	89·0	78·0	77·0	66·0	74 0	83·0	88·0	92·0	97·0	112·0
	Mean Max. ...	91·6	90·3	81·6	74·3	70·3	66·3	62·5	67·6	71·7	73·8	80·5	80·9	76·0
	Monthly Mean ...	78·5	77·6	71·3	63·6	60·9	57·6	53·4	57·4	60·2	63·9	69·4	70·0	65·3
	Mean Min. ...	65·4	65·0	61·0	52·9	51·5	48·8	44·2	47·3	48·7	54·0	58·4	59·2	54·7
	Lowest	53·0	52·0	53·0	43·0	43·0	39·0	35·0	38·0	40·0	47·0	52·0	50·0	35·0
1897	Highest	106·0	104·0	102·0	97·0	78·0	69·0	70·2	73·4	80·0	79·8	94·2	101·2	106·0
	Mean Max. ...	89·8	84·7	82·3	78·6	69·7	65·0	65·4	64·6	68·9	70·0	77·8	83·2	75·0
	Monthly Mean ...	77·6	72·8	71·2	66·8	60·5	56·2	56·2	54·0	59·0	59·2	66·5	71·6	64·3
	Mean Min. ...	65·4	61·0	60·0	55·1	51·3	47·5	47·1	43·5	49·0	48·3	55·2	60·1	53·6
	Lowest	58·0	49·0	53·0	43·8	42·0	39·8	39·6	33·6	42·2	41·0	46·4	49·0	33·6
1898	Highest	106·9	106·5	99·6	89·2	79·6	67·0	71·6	77·8	83·8	87·4	92·8	103·2	106·9
	Mean Max. ...	87·1	89·3	86·6	78·7	71·8	61·6	65·5	66·7	69·4	70·0	76·9	84·0	75·6
	Monthly Mean ...	75·2	77·2	73·6	66·7	61·6	54·0	57·6	57·7	61·2	62·7	66·5	72·5	65·5
	Mean Min. ...	63·4	65·1	60·6	54·7	51·5	46·5	49·6	48·7	52·9	55·4	56·1	61·0	55·5
	Lowest	54·4	52·8	50·4	49·0	46·3	37·4	40·0	41·6	45·4	43·8	48·0	54·2	37·4
1899	Highest	100·4	102·2	97·0	95·8	80 8	72·6	72·6	74·6	81·6	84·0	86·4	104·6	104·6
	Mean Max. ...	87·4	87·0	83·5	75·3	69·8	64·0	63·8	65·0	69·1	72·5	76·2	86·3	75·0
	Monthly Mean ...	74·8	75·6	72·4	65·6	60·0	56·4	55·4	56·4	59·6	64·2	66·2	73·9	65·0
	Mean Min. ...	62·2	64·3	61·4	56·0	50·2	48·7	47·1	47·8	50·0	55·8	56·2	61·5	55·1
	Lowest	51·8	56·2	46·0	43·2	38·6	40·6	37·4	40·2	40·8	47·0	49·4	51·7	37·4
Average.	Extreme Highest ...	116·7	113·8	106·2	106·5	92·0	81·0	75·2	83·5	89·0	97·0	105·0	114·0	116·7
	Mean Max. ...	88·0	88·6	84·7	77·7	70·2	64·7	63·9	65·5	68·8	72·7	79·3	83·5	75·6
	Monthly Mean ...	75·3	75·8	72·8	66·2	60·4	55·9	55·0	56·3	59·1	62·4	68·2	72·0	64·9
	Mean Min. ...	62·6	62·9	60·9	54·7	50·5	47·1	46·1	47·1	49·4	52·2	57·0	60·4	54·2
	Extreme Lowest ...	46·0	49·0	46·0	41·0	34·0	31·2	33·0	33·6	35·0	38·0	41·0	47·0	31·2

PERTH.

Number of days over 90° (October-April inclusive) and Nights below 40° (May-September).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1880	24	19	4	2	...	3	10	1	...	...	2	9	
1881	12	16	16	3	...	7	5	9	1	1	4	8	
1882	12	14	9	3	5	6	2	4	1	1	1	11	
1883	10	10	4	2	1	...	5	10	3	2	3	6	
1884	17	11	10	1	...	2	7	1	1	...	5	5	
1885	11	11	14	...	1	4	4	...	1	...	5	10	
1886	13	16	12	5	2	4	9	6	...	1	4	10	
1887	4	9	7	...	...	5	5	7	1	1	8	9	
1888	10	9	18	1	...	1	6	8	1	2	6	6	
1889	7	9	10	3	2	8	4	3	...	...	...	7	
1890	15	8	4	7	...	3	12	1	...	...	2	6	
1891	8	12	10	4	...	...	9	4	...	...	7	4	
1892	14	16	3	1	...	7	6	3	...	...	...	9	
1893	18	11	8	...	2	8	3	4	1	...	1	6	
1894	14	12	6	...	3	...	6	1	...	1	8	10	
1895	6	7	16	1	2	1	6	...	1	2	7	7	
1896	18	16	2	...	...	1	11	3	1	1	...	3	
1897	13	7	5	4	...	2	2	7	...	...	3	8	
1898	11	13	14	...	...	4	1	...	...	...	2	6	
1899	12	9	6	1	2	...	1	...	...	...	...	11	
Mean for 20 years ...	12	12	9	2	1	3	6	4	1	1	3	8	

... Signifies "*nil.*"

PERTH.

Spells of Hot Weather.

(Individual records prior to 1880 are not procurable.)

Date.	Max.	Min.	Date.	Max.	Min.	Date.	Max.	Min.	Date.	Max.	Min.
1880. Jan. 1	106·4	78·4	February 10	95·3	59·5	March			December		
2	106·5	74·2	11	108·0	59·8						
3	107·0	70·0	12	106·0	68·0						
4	104·0	71·1	13	93·9	65·2						
5	99·2	66·0	14	102·2	64·3						
6	100·4	67·0	15	109·5	78·0						
7	99·3	69·2	16	96·0	65·0						
8	100·4	63·3	17	81·0	65·2						
9	108·0	70·0	18	92·5	60·4						
10	104·5	74·8	19	97·8	66·0						
			20	102·5	67·4						
14	103·6	66·9	21	102·6	71·0						
15	103·0	67·8	22	95·3	65·4						
16	96·0	69·4	23	93·8	67·0						
17	98·7	62·6									
18	95·6	72·3									
22	101·0	63·3									
23	99·0	66·8									
24	110·0	71·0									
25	110·0	67·0									
26	107·0	65·0									
27	92·6	66·3									
28	91·6	63·6									
29	100·0	64·4									
1881. Jan. 2	94·0	52·0	February 10	90·3	59·4	March 1	93·0	66·0	December		
3	107·5	60·8	11	97·7	66·4						
4	96·8	61·2	12	98·0	68·7	8	94·4	58·9			
5	91·2	61·0	13	107·3	65·6	9	97·5	59·0			
						10	95·5	65·0			
21	94·7	58·6	23	92·4	59·3	11	95·1	65·5			
22	101·2	64·0	24	93·0	61·2	12	97·7	63·7			
23	91·0	67·8	25	102·2	63·9	13	98·7	62·4			
24	92·6	63·0	26	105·0	68·8	14	99·2	61·5			
			27	99·1	68·5	15	98·3	64·7			
27	91·3	57·0	28	91·9	66·8	16	99·2	66·4			
28	96·8	63·0				17	97·9	61·0			
29	100·2	67·5				18	100·1	61·0			
30	105·4	75·7				19	104·4	59·2			
31	100·8	72·7									
1882. Jan. 24	97·6	63·2	February 9	104·0	66·3	March			December 10	93·0	58·9
25	97·8	65·3	10	113·6	68·8				11	109·8	64·8
26	100·1	69·8	11	107·2	68·0				12	89·0	66·9
27	93·4	63·6	12	101 7	66·8				13	97·0	61 9
			13	104·0	67·3				14	111·0	62·0
			14	86·0	68·8				15	107·2	74·0
			15	97·0	66·0						
			16	103·8	64·6						
			17	113·8	66·0						
			18	108·4	73·0						
1883. Jan.			February 1	100·0	60·0	March			December		
			2	105·0	65·0						
			3	106·0	65·2						
			4	99·8	64·9						
			5	92·4	68·2						
1884. Jan. 20	91·0	57·0	February 15	91·0	54·0	March			December		
21	96·0	63·0	16	92·0	59·0						
22	96·0	65·0	17	104·0	61·0						
23	96·0	63·0	18	109·0	63·0						
24	96·0	61·0	19	91·0	70·0						
25	96·0	60·0									
26	102·0	67·0									

PERTH.

Spells of Hot Weather—continued.

(Individual records prior to 1880 are not procurable.)

Date.	Max.	Min.	Date.	Max.	Min.	Date.	Max.	Min.	Date.	Max.	Min.
1884. Jan. 27	97·0	64·0	February			March			December		
28	103·0	60·0									
29	106·0	65·0									
30	95·0	79·0									
1885. Jan. 19	94·0	58·0	February 1	93·0	62·0	March 5	93·0	56·0	December 21	98·0	67·0
20	106·0	57·0				6	101·0	60·0	22	96·0	65·0
21	106·0	66·0	5	91·0	61·0	7	97·0	60·0	23	101·0	74·0
22	98·0	68·0	6	96·0	61·0	8	92·0	63·0	24	99·0	70·0
23	107·0	72·0	7	99·0	61·0	9	98·0	60·0	25	104·0	76·0
24	99·0	77·0	8	102·0	68·0	10	94·0	64·0	26	107·0	78·0
25	93·0	66·0	9	91·0	66·0	11	92·0	64·0			
			10	89·0	66·0	12	95·0	63·0	31	105·0	70·0
29	97·0	63·0	11	89·0	56·0	13	93·0	73·0			
30	109·0	66·0	12	91·0	58·0	14	93·0	67·0			
31	112·0	71·0	13	101·0	62·0						
			14	102·0	63·0						
			15	96·0	67·0						
1886. Jan. 1	104·0	69·0	Febrnary 1	104·0	70·0	March 9	96·0	65·0	December 19	92·0	61·0
2	105·0	72·0	2	100·0	68·0	10	97·0	65·0	20	97·0	64·0
			3	92·0	67·0	11	101·0	66·0	21	104·0	68·0
28	96·0	66·0				12	100·0	70·0	22	90·0	70·0
29	93·0	63·0	12	94·0	65·0	13	101·0	69·0			
30	96·0	62·0	13	105·0	64·0	14	98·0	63·0			
31	100·0	69·0	14	109·0	74·0	15	98·0	65·0			
			15	95·0	74·0						
						21	95·0	61·0			
						22	97·0	68·0			
						23	98·0	64·0			
						24	99·0	65·0			
1887. Jan. 29	90 0	59·0	February 1	90·0	59·0	March			December 2	93·0	56·0
30	92·0	69·0	2	90·0	59·0				3	100·0	63·0
31	93·0	68·0	3	91·0	63·0				4	90·0	57·0
									5	90·0	62·0
1888. Jan. 28	93·0	61·0	February 1	90·0	73·0	March 1	95·0	63·0	December		
29	97·0	67·0				2	98·0	69·0			
30	92·0	69·0	13	91·0	64·0	3	97·0	68·0			
31	93·0	67·0	14	94·0	66·0	4	86·0	73·0			
			15	101·0	66·0	5	92·0	70·0			
			16	95·0	70·0	6	94·0	66·0			
			17	91·0	65·0	7	96·0	73·0			
						8	96·0	71·0			
			29	92·0	60·0	9	96·0	67·0			
						10	103·0	64·0			
						11	104·0	70·0			
						12	92·0	73·0			
						17	93·0	60·0			
						18	91·0	60·0			
						19	92·0	62·0			
						20	100·0	60·0			
1889. Jan.			February			March 8	94·0	57·0	December		
						9	100·0	64·0			
						10	99·0	64·0			
						11	95·0	65·0			
						12	99·0	64·0			
						13	97·0	66·0			

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Spells of Hot Weather—continued.

(Individual records prior to 1880 are not procurable.)

Date.	Max.	Min.	Date.	Max.	Min.	Date.	Max.	Min.	Date.	Max.	Min.
1890. Jan. 4	92·0	63·0	February 19	96·0	66·0	March			December		
5	90·0	66·0	20	98·0	66·0						
6	95·0	65·0	21	91·0	68·0						
7	106·0	67·0	22	94·0	67·0						
22	98·0	61·0									
23	102·0	69·0									
24	104·0	67·0									
25	105·0	66·0									
26	86·0	73·0									
27	90·0	63·0									
28	99·0	65·0									
29	102·0	75·0									
1891. Jan. 26	90·0	59·0	February 22	94·0	62·0	March 18	90·0	64·0	December		
27	96·0	65·0	23	100·0	69·0	19	96·0	68·0			
28	104·0	67·0	24	99·0	68·0	20	98·0	62·0			
29	93·0	71·0	25	98·0	64·0	21	97·0	64·0			
			26	99·0	64·0	22	98·0	65·0			
			27	107·0	67·0	23	96·0	70·0			
			28	92·0	62·0	24	96·0	64·0			
						25	90·0	73·0			
1892. Jan. 12	95·0	69·0	1892. Feb. 1	105·0	72·0	March			December 14	91·0	59·0
13	91·0	70·0	2	91·0	70·0				15	99·0	63·0
14	100·0	72·0	3	89·0	64·0				16	103·0	67·0
15	109·0	75·0	4	93·0	65·0				17	92·0	64·0
			5	100·0	67·0						
24	91·0	61·0									
25	102·0	69·0	8	99·0	62·0						
26	107·0	74·0	9	95·0	64·0						
27	98·0	76·0	10	90·0	62·0						
			11	97·0	66·0						
30	90·0	64·0	12	100·0	64·0						
31	97·0	65·0									
			23	93·0	59·0						
			24	95·0	64·0						
			25	102·0	72·0						
			26	100·0	68·0						
			27	101·0	65·0						
			28	92·0	65·0						
1893. Jan. 16	92·0	61·0	February 19	92·0	60·0	March 18	91·0	65·0	December		
17	92·0	63·0	20	96·0	64·0	19	98·0	70·0			
18	94·0	63·0	21	97·0	68·0	20	92·0	65·0			
19	95·0	62·0	22	100·0	66·0	21	97·0	68·0			
20	96·0	60·0	23	89·0	67·0	22	100·0	70·0			
21	99·0	66·0	24	92·0	65·0	23	91·0	66·0			
22	98·0	67·0	25	99·0	68·0						
23	106·0	67·0	26	95·0	72·0						
24	92·0	66·0									
25	102·0	69·0									
26	93·0	72·0									
27	93·0	71·0									
28	96·0	69·0									
29	95·0	67·0									
1894. Jan. 4	93·0	61·0	February 7	91·0	67·0	March			December		
5	95·0	65·0	8	91·0	63·0						
6	95·0	67·0	9	91·0	64·0						
7	97·0	64·0	10	91·0	63·0						
8	100·0	65·0	11	91·0	63·0						
13	90·0	60·0	23	95·0	61·0						
14	94·0	60·0	24	98·0	64·0						
15	93·0	62·0	25	97·0	60·0						
16	101·0	69·0	26	98·0	63·0						
17	107·0	73·0	27	98·0	67·0						
18	90·0	65·0	28	102·0	69·0						

PERTH.

Spells of Hot Weather—continued.

(Individual records prior to 1880 are not procurable).

Date.	Max.	Min.	Date.	Max.	Min.	Date.	Max..	Min.	Date.	Max.	Min.
1895. January			February 5	91·0	62·0	March 6	92·0	59·0	December 28	96·0	63·0
			6	102·0	68·0	7	96·0	65·0	29	104·0	73·0
			7	96·0	67·0	8	100·0	67·0	30	94·0	65·0
			8	90·0	66·0	9	96·0	66·0	31	94·0	67·0
			9	96·0	70·0						
						16	90·0	59·0			
						17	91·0	62·0			
						18	92·0	64·0			
						19	92·0	66·0			
						20	91·0	58·0			
						22	93·0	55·0			
						23	96·0	58·0			
						24	99·0	60·0			
						25	95·0	64·0			
						26	100·0	68·0			
1896. Jan. 1	105·0	71·0	February 1	92·0	62·0	March			December		
2	106·0	73·0	2	97·0	66·0						
3	112·0	74·0	3	97·0	68·0						
4	109·0	77·0	4	93·0	67·0						
			5	99·0	70·0						
25	93·0	60·0	6	99·0	70·0						
26	100·0	65·0	7	102·0	72·0						
27	102·0	76·0	8	101·0	76·0						
28	103·0	71·0	9	98·0	75·0						
29	100·0	75·0	10	90·0	52·0						
30	97·0	71·0	11	90·0	67·0						
31	91·0	74·0	12	92·0	66·0						
			26	90·0	63·0						
			27	95·0	66·0						
			28	96·0	67·0						
			29	95·0	64·0						
1897. Jan. 9	90·0	64·0	February			March			December		
10	95·0	64·0									
11	100·0	66·0									
12	104·0	71·0									
13	106·0	73·0									
14	99·0	70·0									
15	94·0	74·0									
16	105·0	72·0									
17	92·0	67·0									
1898. Jan. 20	98·8	66·0	February 8	92·2	67·8	March 15	90·2	61·7	December		
21	106·9	73·0	9	91·9	65·2	16	92·6	63·2			
22	91·4	72·1	10	92·4	66·1	17	96·4	59·2			
23	96·2	67·2	11	101·8	68·6	18	97·8	64·0			
24	93·6	68·0	12	103·8	72·0	19	95·4	63·0			
25	94·0	71·8	13	105·0	72·8	20	92·4	61·8			
26	91·4	71·0	14	90·4	68·0	21	95·0	65·0			
27	98·0	75·6									
1899. Jan. 22	90·0	62·8	February 1	94·2	71·2	March			December 10	93·4	64·4
23	92·4	66·2	2	93·6	69·0				11	100·2	64·4
24	89·6	63·0	3	100·4	71·0				12	100·8	71·8
25	95·2	69·0	4	102·2	77·2				13	104·5	70·8
26	92·9	63·8							14	104·6	73·0
27	92·6	67·4							15	100·8	64·0
28	89·7	68·2									

PERTH.

TERRESTRIAL RADIATION—*Minimum Thermometer on Grass.*

		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1876	Mean Min.	—	—	—	—	—	—	39·9	42·0	43·4	49·0	52·7	54·2	—
	Lowest	—	—	—	—	—	—	27·7	34·0	34·5	38·0	44·8	51·2	—
1877	Mean Min.	57·7	58·3	59·2	50·5	47·2	36·3	41·2	42·9	44·3	50·0	53·7	54·3	49·6
	Lowest	48·4	50·0	52·0	41·2	36·0	24·8	28·0	33·0	34·5	38·0	33·5	45·3	24·8
1878	Mean Min.	61·0	61·0	57·0	51·0	45·0	44·0	42·0	42·0	45·0	48·0	55·0	57·0	50·7
	Lowest	43·0	52·0	42·0	38·0	36·0	32·0	31·0	31·0	35·0	40·0	37·0	47·0	31·0
1879	Mean Min.	58·9	56·1	56·7	46·3	44·7	43·1	40·4	39·4	43·5	47·4	51·5	51·7	48·3
	Lowest	43·0	45·5	37·0	31·5	32·5	32·0	30·4	29·3	35·0	38·0	37·5	42·5	29·3
1880	Mean Min.	—	—	55·3	51·0	46·6	38·6	35·1	43·0	43·7	45·3	53·0	53·3	—
	Lowest	—	—	47·0	35·6	38·6	30·0	27·5	32·6	35·8	35·2	44·0	43·0	27·5
1881	Mean Min.	55·9	59·2	56·3	52·2	47·9	37·7	40·2	37·9	42·2	50·4	54·9	57·9	49·4
	Lowest	45·2	50·0	48·8	45·8	38·0	34·3	33·5	31·0	33·0	43·0	46·0	51·0	31·0
1882	Mean Min.	58·1	59·3	55·2	53·2	44·6	39·5	42·0	44·7	44·2	44·9	49·7	56·5	49·3
	Lowest	48·0	50·0	45·0	45·0	38·0	30·0	34·0	35·0	37·0	38·0	40·0	49·0	30·0
1883-7	No record ...	—	—	—	—	—	—	—	—	—	—	—	—	—
1888	Mean Min.	49·5	51·6	53·6	46·2	37·0	7·83	39·7	37·6	42·0	48·0	52·0	56·0	45·9
	Lowest	39·0	42·0	45·0	35·0	29·0	27·0	31·0	27·0	32·0	35·0	39·0	48·0	27·0
1889	Mean Min.	—	55·9	—	—	—	—	—	—	—	—	—	—	—
	Lowest	—	42·0	—	—	—	—	—	—	—	—	—	—	—
1890	Mean Min.	—	—	—	—	—	—	—	—	—	45·4	47·7	49·2	—
	Lowest	—	—	—	—	—	—	—	—	—	36·0	38·0	40·0	—
1891	No record	—	—	—	—	—	—	—	—	—	—	—	—	—
1892	Mean Min.	55·3	52·1	52·5	44·3	43·6	40·2	40·2	41·7	43·5	39·4	42·4	52·9	45·7
	Lowest	42·0	41·0	40·0	35·0	33·0	30·0	28·0	29·0	36·0	30·0	32·0	39·0	28·0
1893	Mean Min.	53·4	59·1	56·0	46·4	—	—	—	—	—	—	—	—	—
	Lowest	41·0	42·0	41·0	33·0	—	—	—	—	—	—	—	—	—
1894-99	No record ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Average	Mean Min. ...	56·6	56·8	55·8	49·1	44·3	39·8	40·8	40·9	43·5	46·9	51·3	55·2	48·4
	Lowest ...	39·0	41·0	37·0	31·5	29·0	24·8	27·5	27·0	32·0	30·0	32·0	40·0	24·8

— Signifies "no record."

PERTH.

Monthly Rainfall.

	January.	February	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1876	61	4	192	38	263	845	242	382	320	259	171	96	2873
1877	18	3	...	105	554	216	667	328	69	54	13	21	2048
1878	16	79	93	278	606	558	943	701	429	102	151	16	3972
1879	217	15	51	202	1213	656	556	535	213	350	62	64	4134
1880	28	72	114	332	334	717	375	628	254	104	212	9	3179
1881	113	2	112	113	431	535	550	108	268	52	130	64	2478
1882	15	3	90	497	273	494	852	1033	106	86	109	10	3568
1883	10	230	64	269	477	1181	512	554	207	196	118	147	3965
1884	51	25	...	104	283	857	365	822	236	293	75	85	3196
1885	41	...	88	294	869	506	529	559	138	156	84	80	3344
1886	12	62	...	69	277	422	621	706	551	71	99	...	2890
1887	19	95	119	234	362	582	1026	684	357	151	89	34	3752
1888	...	1	68	172	402	487	323	569	208	111	137	305	2783
1889	82	42	67	399	827	983	302	364	313	472	124	21	3996
1890	2	56	2	5	796	1211	391	593	661	787	44	185	4673
1891	4	...	86	19	732	628	712	313	458	66	...	15	3033
1892	12	19	41	131	478	528	565	975	220	49	97	8	3123
1893	4	67	171	363	768	322	882	439	530	303	59	104	4012
1894	...	38	33	5	333	435	495	385	332	148	21	147	2372
1895	21	108	8	151	156	844	683	654	468	108	13	87	3301
1896	10	...	450	94	363	722	852	371	108	98	23	59	3150
1897	...	29	143	148	312	570	419	543	322	109	116	14	2725
1898	49	36	14	46	349	619	567	870	213	354	76	11	3204
1899	17	37	12	332	225	621	710	560	180	432	58	12	3196
Mean for 24 years	33	43	84	183	487	647	589	570	296	205	87	66	3290

Monthly number of wet days.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1876	6	1	4	3	10	19	9	12	8	13	11	4	100
1877	3	3	...	7	22	10	18	20	4	11	2	3	103
1878	3	5	7	12	14	16	20	22	21	14	7	2	143
1879	2	1	4	2	14	15	13	16	12	13	9	5	106
1880	5	4	6	12	13	16	10	17	14	9	7	3	116
1881	4	1	4	5	15	13	51	11	13	5	7	8	101
1882	4	1	6	15	13	11	18	22	9	5	3	2	109
1883	2	8	3	6	15	23	18	14	10	8	6	9	122
1884	1	2	...	6	7	19	9	17	14	9	4	4	92
1885	2	...	2	8	18	17	18	25	7	6	4	3	110
1886	2	1	...	3	7	10	17	21	18	5	5	...	89
1887	3	2	5	7	7	13	20	15	16	8	6	3	105
1888	...	1	3	10	15	18	17	14	11	12	10	6	117
1889	3	2	4	8	15	20	16	16	14	14	8	3	123
1890	2	3	1	1	17	19	14	21	20	21	2	5	126
1891	1	...	6	4	15	17	12	14	14	7	...	3	93
1892	5	1	8	7	12	14	19	25	14	5	7	5	122
1893	2	6	8	13	19	9	21	17	19	18	8	5	145
1894	...	2	7	2	8	21	13	16	15	11	3	5	103
1895	1	7	3	8	9	14	19	24	20	9	2	7	123
1896	2	...	8	6	14	17	14	14	10	10	3	5	103
1897	...	4	2	6	13	18	14	16	13	6	7	2	101
1898	1	2	2	3	9	15	16	16	17	21	6	1	109
1899	1	4	4	12	9	17	13	14	9	15	4	2	104
Means for 24 years	2	3	4	7	13	16	16	17	13	11	5	4	111

... Signifies "*nil.*"

PERTH.

Heavy Rainfall.

When quantities of one and a-half inches and upwards have been recorded within 24 hours.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1876	...	...	153	...	...	206	...	...	...	...	...	...
1877	...	...	...	...	...	...	...	...	...	...	...	...
1878	...	...	...	...	162	151	...	...	...	...	...	...
1879	174	...	...	...	280, 209	245	...	...	...	...	...	...
1880	...	...	...	...	155	170	...	155	...	...	...	...
1881	...	...	...	...	...	180	...	...	...	...	...	...
1882	...	...	...	...	...	...	171	...	...	...	...	...
1883	...	...	...	218	156	217	...	...	...	...	...	...
1884	...	...	...	...	...	160	...	...	...	...	...	...
1885	...	...	...	...	164	...	...	...	...	...	...	...
1886	...	...	...	...	...	152	...	...	...	...	...	...
1887	...	...	...	...	270	...	160	151	...	...	...	...
1888	...	...	...	...	...	...	...	169	...	...	...	...
1889	...	...	...	253	170	...	...	...	...	...	...	...
1890	...	...	...	...	160	244	...	...	...	...	...	...
1891	...	...	...	...	174	...	220, 300	...	...	...	...	...
1892	...	...	...	...	...	167	...	226	...	...	...	...
1893	...	...	...	...	208	153	160	...	...	...	...	...
1894	...	...	...	...	...	...	...	...	...	...	...	...
1895	...	...	...	...	...	178	...	...	...	...	...	...
1896	...	...	...	...	...	...	...	...	...	...	...	...
1897	...	...	...	...	185	...	...	...	...	...	...	...
1898	...	...	...	...	...	...	...	...	...	...	...	..
1899	...	...	...	...	...	160	...	...	...	...	...	...

... Signifies "*nil.*"

PERTH.

*Evaporation.—*Total in Month.*

	January.	February.	March.	April.	May.	June.	July.	August.	Sept.	October.	Nov.	December	Year.
1876 ...	—	—	—	—	—	—	—	—	—	586	911	890	—
1877 ...	981	785	834	503	335	211	224	215	579	579	882	820	6948
1878 ...	1009	728	632	266	229	192	204	272	332	526	754	877	6021
1879 ...	—	—	—	—	—	—	—	—	—	—	—	—	—
1880 ...	1220	858	626	413	408	270	166	347	521	665	780	978	7252
1881 ...	1028	936	914	500	336	255	192	266	346	768	797	968	7306
1882 ...	1034	926	721	387	202	114	166	163	386	725	836	1074	6734
1883 ...	1044	721	753	406	261	178	149	144	370	612	788	805	6231
1884 ...	1056	870	753	378	352	165	162	271	388	595	835	918	6743
1885 ...	1142	965	834	453	254	251	235	233	335	560	795	1048	7105
1886 ...	1013	842	748	453	325	195	196	236	325	529	690	942	6494
1887 ...	926	825	627	389	231	158	192	259	310	522	730	831	6000
1888 ...	908	693	695	377	182	166	179	220	317	488	588	722	5535
1889 ...	814	628	613	385	215	171	229	286	322	415	595	807	5480
1890 ...	904	590	581	424	264	135	172	217	228	359	663	725	5262
1891 ...	796	732	563	427	221	171	147	196	275	466	770	702	5466
1892 ...	832	715	457	326	189	136	168	164	289	470	580	760	5086
1893 ...	924	711	520	288	212	190	148	186	234	386	623	767	5189
1894 ...	1047	754	594	379	209	120	133	146	233	471	736	766	5588
1895 ...	777	673	726	443	341	171	153	140	258	466	705	676	5529
1896 ...	909	759	559	269	243	129	106	192	314	422	572	688	5162
1897 ...	796	608	551	332	195	120	146	158	252	333	603	829	4923
1898 ...	791	811	601	403	298	135	211	253	275	374	592	807	5551
1899 ...	903	650	580	321	246	131	178	201	297	401	563	831	5302
Mean for 24 years	948	763	658	387	261	171	175	216	327	506	704	834	5950

— Signifies "no record."

*This was obtained from measurements made with an eight-inch Negretti Evaporating Gauge. The following comparison with the evaporation shown by a 3ft. slate tank at the Perth Observatory during 1899 indicates that the above figures are on the whole too low :—

	Perth Gardens.	Observatory.
January	9·03	11·45
February	6·50	8·04
March	5·80	7·46
April	3·21	4·30
May	2·46	2·89
June	1·31	1·45
July	1·78	1·71
August	2·01	2·46
September	2·97	3·94
October	4·01	4·43
November	5·63	7·13
December	8·31	10·27
Year	53·02	65·53

CLIMATOLOGICAL TABLES.

PERTH OBSERVATORY AND OUT-STATIONS.

WYNDHAM.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1889	29·839	29·823	29·876	29·900	29·912	29·945	30·014	29·978	29·892	29·860	29·732	29 646	29·868
1890	29·660	29·746	29·788	29·866	29·941	29·973	29·988	29·964	29·895	29·848	29·830	29·796	29·858
1891	29·704	29·743	29·838	29·905	29·976	29·991	30·053	30·068	29·990	29·893	29·863	29·784	29·901
1892	29·734	29·820	29·736	29·906	29·969	29·988	30·004	29·945	29·913	29·848	29·806	29·793	29·872
1893	29·738	29·714	29·845	29·844	29·934	29·978	29·992	30·020	29·920	29·847	29·802	29·790	29·869
1894	29·677	29·749	29·804	29·902	29·971	30·023	30·042	29·976	29·944	29·884	29·825	29·778	29·881
1895	29·722	29·765	29·854	29·902	29·964	30·005	29·994	30·026	29·954	29·920	29·906	29·826	29 903
*1896	29·778	29·782	29·842	29·882	—	—	—	—	—	—	—	—	
*1897	—	—	—	—	—	—	—	—	—	—	—	—	
1898	29·743	29·706	29·704	29·890	29·962	29·972	30·015	30·008	29·920	29·881	29·810	29·774	29 865
1899	29·734	29·792	29·792	29·909	29·980	30·014	30·050	30·015	29·951	29·926	29·834	29·826	29·902
Mean for 9 years	29·728	29·762	29·804	29·892	29·957	29·988	30·017	30·000	29·931	29·878	29·823	29·780	29·880

Mean Monthly Temperature.

1889	88·7	89·0	91·2	90·5	85·0	82·5	76·4	82·0	87·8	91·9	93·0	90·8	87·4
1890	90·2	88·4	89·6	86·2	82·2	79·6	77·0	81·2	87·4	92·0	93·4	89·5	86·4
1891	88·1	91·9	90·8	86·4	82·3	76·0	73·3	75·2	81·8	88·0	88·2	93·0	84·6
1892	92·2	89·7	88·0	86·0	80·0	77·8	77·2	83·2	86·2	88·7	89·2	89·4	85·6
1893	84·8	87·5	93·8	92·8	87·9	79·3	79·8	77·6	86·2	90·7	92·2	91·9	87·0
*1894	—	—	—	—	—	—	—	—	—	—	—	—	—
*1895	—	—	—	—	—	—	—	—	—	—	—	—	—
*1896	—	—	—	—	—	—	—	—	—	—	—	—	—
*1897	—	—	—	—	—	—	—	—	—	—	—	—	—
1898	89·2	86·2	85·1	85·2	79·0	78·0	74·0	79·4	85·3	88·5	88·0	88·0	83·8
1899	85·7	88·3	83·3	85·1	78·6	75·8	72·4	76·3	83·8	87·4	91·8	89·0	83·1
Mean for 7 years	88·4	88·7	88·8	87·4	82·2	78·4	75·8	79·3	85·5	89 6	90·8	90·2	85·4

Highest Temperature in Month.

1889	105·0	108·0	108·0	107·0	104·0	113·0	101·0	103 0	107·0	111·0	113·5	112·0	113·5
1890	113·0	107·0	111·0	107·0	103·0	100·0	101·0	105·0	110·0	111·0	112·5	110·0	113·0
1891	105·5	120·0	120·0	108·0	104·0	100·0	100·0	95·5	100 5	103·0	103·0	113·0	120·0
1892	111·0	104·5	106·0	105·0	96·0	96·0	94·0	101·0	103·0	106·0	104·0	108·0	111·0
1893	106·0	108·0	112·0	111·0	104·0	99·0	107·0	102·0	105·0	106·0	109·0	109·0	112·0
1894	—	—	—	—	—	—	—	—	—	—	—	—	
1895	—	—	—	—	—	—	—	—	—	—	—	—	
1896	—	—	—	—	—	—	—	—	—	—	—	—	
1897	—	—	—	—	—	—	—	—	—	—	—	—	
1898	109·0	99·5	104·0	98·0	91·2	92·0	90·0	94·0	101·2	110·2	105·0	107·0	110·2
1899	105·0	105·0	97·2	100·5	95·8	91·8	94·8	94·2	102·5	104·8	110·0	104·0	110·0
Highest ...	113·0	120·0	120·0	111·0	104·0	113·0	107·0	105·0	110·0	111·0	113·5	113·0	120·0

Lowest Temperature in Month.

1889	73·0	75·0	73·0	69·0	65·0	56·0	51·0	60·0	68·0	68·0	70·0	70·0	51·0
1890	72·0	73·0	70·0	65·0	55·0	52·0	51·0	54·0	64·0	76·0	75·0	71·0	51·0
1891	72·0	70·0	72·0	67·0	62·0	59·0	52·0	55·5	67·0	74·0	72·0	73·0	52·0
1892	75·0	72·0	72·0	67·0	62·0	52·0	58·0	66·0	70·0	73·0	72·0	70·0	52·0
1893	70·0	71·0	72·0	74·0	70·0	62·0	58·0	56·0	67·0	73·0	77·0	75·0	56·0
1894	—	—	—	—	—	—	—	—	—	—	—	—	—
1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	—	—	—	—	—	—	—	—	—	—	—	—	—
1897	—	—	—	—	—	—	—	—	—	—	—	—	—
1898	69·0	64·0	70·0	72·0	61·8	63·0	57·0	65·0	71·0	71·2	70·6	68·0	57·0
1899	71·8	74·5	70·2	67·2	58·0	54·0	50·0	59·0	66·2	72·1	71·0	74·0	50·0
Lowest ...	69·0	64·0	70·0	65·0	55·0	52·0	50·0	54·0	64·0	68·0	70·0	68·0	50·0

* Not included in means. ... Signifies "*nil.*" — Signifies "no record."

WYNDHAM.

Number of Days over 90° (October-April included) and Nights below 40° (May-September).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1889	28	27	31	30	...	...	...	...	...	31	30	30	
1890	30	25	30	29	...	...	..	...	...	31	30	30	
1891	25	28	31	29	...	...	...	...	...	29	26	31	
1892	31	26	27	30	...	...	...	...	...	31	30	30	
1893	26	26	31	30	...	...	...	...	...	31	30	31	
*1894	—	—	—	—	—	—	—	—	—	—	—	—	
*1895	—	—	—	—	—	—	—	—	—	—	—	—	
*1896	—	—	—	—	—	—	—	—	—	—	—	—	
*1897	—	—	—	—	—	—	—	—	—	—	—	—	
1898	30	25	22	30	...	...	...	...	...	31	24	23	
1899	21	28	20	27	...	...	...	...	...	31	30	28	
Mean for 7 years	27	27	27	29	...	...	...	...	...	31	29	29	

Monthly Rainfall.

*1886	—	—	—	—	—	—	—	—	—	—	197	1150	—
1887	379	359	361	459	5	3	...	...	...	37	52	352	2007
1888	1544	727	20	163	119	...	...	1	3	...	106	897	3580
1889	852	422	203	17	230	10	...	...	59	323	520	502	3138
1890	1831	402	361	55	1	2	...	...	...	16	158	148	2974
1891	869	340	279	26	...	...	...	...	...	...	474	148	2136
1892	284	383	638	...	14	...	...	...	...	52	120	205	1696
1893	631	878	549	84	121	...	...	...	...	23	42	446	2774
1894	424	550	397	40	...	...	...	...	...	179	219	80	1889
1895	674	917	518	6	95	11	524	...	...	...	467	177	3389
1896	1929	1090	293	...	8	...	48	...	29	...	218	687	4302
1897	287	749	155	6	...	...	...	...	50	81	25	660	2013
1898	361	769	806	55	8	163	...	...	62	93	411	895	3623
1899	1225	221	811	170	...	12	...	...	...	25	72	357	2893
Mean for 13 years	868	601	415	83	46	15	44	...	16	64	222	427	2801

Monthly Number of Wet Days.

1887	11	17	10	20	4	1	...	...	...	2	4	9	78
1888	20	9	4	5	4	...	...	1	1	...	8	18	70
1889	14	14	11	3	6	3	...	...	5	6	10	14	86
1890	14	16	14	5	1	2	...	...	...	1	11	12	76
1891	18	11	7	6	...	...	...	...	...	...	16	8	66
1892	12	13	8	...	1	...	...	...	...	2	9	9	54
1893	15	14	12	5	5	...	...	...	...	4	4	14	73
1894	13	16	13	2	...	...	...	...	...	4	7	5	60
1895	15	15	5	2	5	1	10	...	...	...	4	10	67
1896	19	9	8	...	1	...	2	...	...	...	—	—	—
1897	—	—	2	—	...	...	...	...	—	—	—	9	—
1898	8	9	13	1	1	2	...	...	2	1	8	10	55
1899	12	6	17	1	...	1	...	...	...	3	4	10	54

* Not included in means. ... Signifies "*nil.*" — Signifies "no record."

DERBY.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1888	29·728	29·820	29·923	29·947	29·990	30·060	30·080	30·037	30·019	29·969	29·910	29·838	29·943
*1889	—	—	—	—	—	—	—	—	—	—	—	—	—
1890	29·709	29·751	29·808	29·880	29·950	29·970	30·004	29·978	29·936	29·896	29·860	29·820	29·880
1891	29·736	29·765	29·861	29·934	30·063	30·012	30·058	30·092	30·004	29·927	29·867	29·830	29·929
1892	29·782	29·804	29·768	29·912	29·985	29·994	30·007	29·979	29·953	29·894	29·908	29·914	29·908
1893	29·770	29·736	29·850	29·857	29·940	29·972	29·992	30·004	29·943	29·866	29·811	29·802	29·879
1894	29·694	29·754	29·818	29·919	29·997	30·028	30·054	30·024	29·966	29·898	29·835	29·789	29·898
1895	29·733	29·782	29·867	29·905	29·978	30·004	30·006	30·004	29·962	29·894	29·888	29·797	29·902
1896	29·736	29·754	29·810	29·894	30·015	30·019	30·028	30·056	30·001	29·941	29·857	29·889	29·917
1897	29·864	29·808	29·893	29·919	30·013	30·006	30·056	30·010	29·971	29·908	29·842	29·770	29·922
1898	29·770	29·730	29·732	29·914	29·974	29·992	30·026	29·972	29·949	29·891	29·812	29·769	29·878
1899	29·730	29·822	29·778	29·921	29·989	30·018	30·048	30·020	29·976	29·951	29·875	29·841	29·914
Mean, 11 years	29·750	29·775	29·828	29·909	29·990	30·007	30·032	30·016	29·970	29·912	29·860	29·824	29·906

Mean Monthly Temperature.

1888	83·4	86·2	87·1	84·8	79·5	75·0	71·4	77·4	81·1	87·8	90·0	91·1	82·9
*1889	—	—	—	—	—	—	—	—	—	—	—	—	
1890	87·0	85·2	87·8	86·2	80·8	75·7	73·3	78·5	82·3	84·0	86·8	87·2	82·9
1891	85·8	85·8	85·9	82·0	81·4	76·0	67·0	72·0	80·0	85·1	87·4	88·8	81·4
*1892	—	—	—	—	—	—	—	—	—	—	—	—	
1893	83·4	83·6	84·8	86·0	77·9	74·4	73·7	76·6	80·8	86·3	87·1	85·4	81·7
1894	85·2	83·4	85·9	82·7	75·2	70·7	68·6	72·2	76·1	83·8	87·2	88·2	79·9
1895	85·6	83·0	86·8	83·8	76·6	71·6	70·6	73·7	77·4	85·4	86·9	89·5	80·9
1896	84·6	83·6	85·2	82·8	75·9	68·6	66·8	71·5	78·8	84·0	87·5	90·2	80·0
1897	90·1	87·3	87·2	84·2	76·6	75·0	74·0	76·4	79·4	83·8	89·5	87·6	82·6
1898	86·9	84·8	85·4	82·4	74·6	72·4	69·7	74·0	80·4	85·0	87·6	87·0	80·9
1899	84·8	85·8	83·7	80·9	73·5	71·0	68·2	72·9	79·6	82·0	86·6	87·2	79·7
Mean for 10 years	85·7	84·8	86·0	83·6	77·2	73·0	70·3	74·5	79·6	84·7	87·7	88·2	81·3

Highest Temperature in Month.

1888	101·0	105·0	105·0	105·0	95·0	99·0	95·0	100·0	105·6	105·0	111·0	111·0	111·0
1889	—	—	—	—	—	—	—	—	—	—	—	—	
1890	103·0	104·0	109·0	106·0	102·0	96·0	99·0	102·0	106·0	108·0	102·0	105·0	109·0
1891	100·0	102·0	105·0	104·0	101·0	97·0	90·0	94·0	99·0	106·0	104·0	105·0	106·0
1892	—	—	—	—	—	—	—	—	—	—	—	—	
1893	105·0	101·0	102·0	100·0	96·0	90·0	96·0	95·0	104·0	112·0	109·0	106·0	112·0
1894	102·0	101·0	100·0	101·0	93·0	93·0	90·0	93·0	99·0	106·0	104·0	108·0	108·0
1895	104·0	102·0	103·0	101·0	94·0	89·0	86·0	95·0	99·0	105·0	104·0	103·0	105·0
1896	104·0	98·0	103·0	98·0	98·0	88·0	89·0	95·0	99·0	100·0	104·0	109·0	109·0
1897	104·0	103·0	103·0	102·0	96·2	96·0	94·0	97·0	100·5	104·0	106·2	106·0	106·0
1898	100·0	95·0	105·0	98·8	94·0	91·5	89·0	96·0	101·0	107·0	107·0	106·5	107·0
1899	107·0	101·2	100·0	100·0	96·0	86·2	90·0	91·0	103·0	102·0	109·0	103·0	109·0
Highest ...	107·0	105·0	109·0	106·0	102·0	99·0	99·0	102·0	106·0	112·0	111·0	111·0	112·0

Lowest Temperature in Month.

1888	73·0	72·0	69·0	65·0	62·0	48·0	45·0	57·0	57·0	69·0	68·0	80·0	45·0
1889	—	—	—	—	—	—	—	—	—	—	—	—	—
1890	73·0	73·0	68·0	65·0	58·0	52·0	53·0	55·0	64·0	68·0	70·0	70·0	52·0
1891	72·0	68·0	61·0	49·0	61·0	49·0	44·0	49·0	61·0	68·0	70·0	71·0	44·0
1892	—	—	—	—	—	—	—	—	—	—	—	—	—
1893	68·0	69·0	69·0	71·0	55·0	55·0	50·0	53·0	60·0	68·0	70·0	71·0	50·0
1894	72·0	70·0	67·0	62·0	54·0	49·0	48·0	48·0	54·0	61·0	70·0	70·0	48·0
1895	70·0	70·0	73·0	67·0	58·0	55·0	54·0	49·0	56·0	61·0	69·0	71·0	49·0
1896	69·0	70·0	73·0	63·0	53·0	47·0	47·0	49·0	60·0	64·0	73·0	76·0	47·0
1897	74·0	70·0	70·5	55·0	55·0	51·0	47·0	51·2	56·0	60·0	72·0	70·0	47·0
1898	70·2	72·2	70·0	61·0	50·0	49·0	47·0	52·0	63·0	66·0	73·2	71·0	47·0
1899	71·0	70·0	72·0	56·0	46·0	48·0	42·0	52·8	58·0	65·0	69·5	70·0	42·0
Lowest ...	68·0	68·0	61·0	49·0	46·0	48·0	42·0	48·0	54·0	60·0	68·0	70·0	42·0

* Not included in means. — Signifies "no record."

DERBY.

Number of Days over 90° (October to April included) and Nights below 40° (May-September).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1888	12	22	31	27	...	...	...	...	...	31	30	30	
*1889	—	—	—	—	—	—	—	—	—	—	—	—	
1890	29	17	31	26	...	...	...	...	...	25	29	29	
1891	28	19	29	30	...	...	...	...	...	28	29	31	
*1892	—	—	—	—	—	—	—	—	—	—	—	—	
1893	22	18	31	30	...	...	...	...	...	31	30	24	
1894	26	19	29	26	...	...	...	...	...	31	30	31	
1895	29	19	30	30	...	...	...	...	...	30	30	31	
1896	23	20	23	29	...	...	...	...	...	30	30	31	
1897	31	25	31	30	...	...	...	...	...	30	30	28	
1898	31	26	25	24	...	...	...	...	...	31	27	25	
1899	22	27	19	29	...	...	...	...	...	25	30	31	
Mean for 10 years	25	21	28	28	...	...	...	...	...	29	30	29	

Monthly Rainfall.

*1883	—	—	—	—	—	—	—	—	...	...	10	95	—
*1884	640	647	327	145	25	150	...	...	...	1	1	—	—
*1885	—	—	—	—	—	...	1	—	—	1	62	1220	—
1886	483	1759	887	292	...	...	...	160	...	...	242	65	3888
1887	345	800	391	520	135	105	...	...	...	...	41	175	2512
1888	2734	535	88	106	191	...	...	26	4	4	116	73	3877
1889	751	870	265	1	843	351	...	...	...	1	55	630	3767
1890	1101	276	244	21	...	85	...	...	...	1	579	851	3158
1891	804	673	42	2	15	2	...	...	...	...	84	30	1652
1892	269	529	701	...	...	...	...	...	...	...	...	480	1979
1893	789	395	478	85	188	92	...	...	...	...	332	545	2904
1894	421	858	228	37	...	...	...	1	...	8	105	167	1825
1895	503	579	81	...	639	58	205	...	...	3	...	181	2249
1896	1447	1292	362	91	...	...	13	...	...	3	...	119	3327
1897	185	1030	249	2	...	7	...	...	...	...	37	481	1991
1898	615	635	679	150	111	206	...	....	...	...	202	3103	5701
1899	721	544	1165	...	14	178	...	5	...	20	14	336	2997
Mean for 14 years	798	769	419	93	153	77	16	13	...	3	129	517	2988

Monthly Number of Wet Days.

1883	—	—	—	—	—	—	—	—	...	...	1	5	—
1884	10	10	5	2	2	2	...	...	...	1	1	—	—
1885	—	—	—	—	—	...	1	—	—	1	4	8	—
1886	10	15	14	5	...	...	...	3	...	...	5	5	57
1887	13	9	10	14	6	5	...	...	...	...	3	7	67
1888	22	12	5	6	6	...	...	2	2	1	4	5	65
1889	11	8	5	1	9	8	...	...	...	1	8	13	64
1890	18	14	8	1	...	6	...	...	...	1	3	9	60
1891	14	8	3	1	1	1	...	...	...	...	2	3	33
1892	5	14	8	...	...	...	...	...	...	...	...	8	35
1893	13	10	9	4	4	1	...	....	...	...	3	14	58
1894	12	18	7	1	...	...	...	1	...	3	6	4	52
1895	12	10	4	...	6	1	8	...	...	1	...	3	45
1896	15	15	10	2	...	...	1	...	...	1	...	4	48
1897	6	12	3	1	...	1	...	...	...	...	2	8	33
1898	10	14	10	3	5	3	...	...	...	...	9	10	64
1899	15	13	17	...	1	4	...	1	...	2	2	4	59

* Not included in means. ... Signifies "*nil.*" — Signifies "no record."

BROOME.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
*1894	—	—	—	—	29·996	30·048	30·020	30·008	29·996	29·936	29·866	29·815	—
1895	29·758	29·790	29·884	29·914	29·994	30·030	30·028	30·019	29·952	29·916	29·883	29·833	29·917
1896	29·751	29·770	29·829	29·903	30·019	30·044	30·064	30 076	30·035	29·957	29·888	29·893	29·936
*1897	—	—	—	—	—	—	—	—	—	—	—	—	—
1898	29·758	29·705	29·720	29·902	29·962	29·976	30·024	30·000	29·950	29·887	29·802	29·753	29·870
1899	29·704	29·812	29·739	29·905	29·980	30·001	30·032	30·010	29·967	29·940	29·858	29·833	29·898
Mean for 4 years	29·743	29·769	29·793	29·906	29·988	30·013	30·037	30·026	29·977	29·922	29·857	29·827	29·905

Mean Monthly Temperature.

*1894	—	—	—	—	71·0	67·4	66·4	73·4	75·0	80·1	84·1	86·4	—
1895	84·4	82·6	84·4	81·3	75·8	69·4	67·4	69·4	73·7	80·4	83·9	86·2	78·2
1896	82·3	82·4	82·6	80·2	72·7	65·5	64·7	66·1	73·4	78·7	82·8	87·7	76·6
1897	87·8	86·8	86·2	84·8	75·0	71·7	72·5	73·2	76·2	80·0	86·9	86·6	80·6
1898	84·6	83·8	84·8	81·4	72·6	71·6	68·6	73·2	77·4	81·2	84·6	86·1	79·2
1899	84·1	84·3	83·5	80·9	73·0	70·2	67·0	71·0	77·0	79·2	84·0	86·6	78·4
Mean for 5 years	84·6	84·0	84·3	81·7	73·8	69·7	68·0	70·6	75·6	79·9	84·4	86·6	78·6

Highest Temperature in Month.

1894	—	—	—	—	92·0	91·0	87·0	91·0	94·0	103·0	102·0	102·0	—
1895	96·0	101·0	103·0	99·0	94·0	88·0	83·0	91·0	100·0	104·0	106·0	102·0	106·0
1896	99·0	93·0	96·0	98·0	97·0	88·0	88·0	92·0	97·0	99·0	101·0	101·0	101·0
1897	100·5	101·5	101·5	102·4	97·3	96·9	91·2	98·8	99·0	108·6	107·9	108·9	108·9
1898	96·5	93·8	102·0	97·6	93·0	92·2	87·4	93·8	98·4	104·0	101·0	103·6	104·0
1899	102·5	101·4	101·4	100·0	93·2	85·0	87·0	90·4	101·0	101·0	111·0	104·2	111·0
Highest	102·5	101·5	103·0	102·4	97·3	96·9	91·2	98·8	101·0	108·6	111·0	108·9	111·0

Lowest Temperature in Month.

1894	—	—	—	—	44·0	44·0	38·0	48·0	49·0	60·0	70·0	73·0	38·0
1895	71·0	67·0	66·0	66·0	59·0	52·0	50·0	43·0	53·0	55·0	66·0	69·0	43·0
1896	70·0	70·0	70·0	55·0	43·0	39·0	42·0	40·0	50·0	58·0	65·0	76·0	39·0
1897	75·0	74·0	69·2	57·0	52·0	49·8	49·2	53·7	55·0	60·0	72·0	72·0	49·2
1898	69·0	71·4	71·0	61·3	48·9	51·0	48·2	51·8	59·6	61·4	68·2	73·0	48·2
1899	68·0	72·0	64·0	58·3	46·4	48·4	40·2	49·2	56·8	60·4	70·2	72·6	40·2
Lowest	68·0	67·0	64·0	55·0	43·0	39·0	38·0	40·0	49·0	55·0	65·0	69·0	38·0

Number of Days over 90° (October-April included), and Nights below 40° (May-September).

1894	—	—	—	—	...	...	2	...	...	13	16	25	
1895	20	10	27	22	...	...	...	...	..	21	24	31	
1896	12	13	17	22	...	5	...	1	...	10	23	29	
1897	31	25	30	30	...	...	...	...	...	12	30	27	
1898	28	23	29	22	...	...	...	...	...	20	25	26	
1899	23	22	15	25	...	...	...	...	...	15	21	31	
Mean for 5 years	23	19	24	24	...	1	...	...	...	16	25	29	

* Not included in means. ... Signifies "*nil*." — Signifies "no record."

BROOME.

Monthly Rainfall.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
*1889	—	—	—	19	515	237	...	...	...	...	68	330	—
1890	548	566	66	20	5	147	...	...	...	...	93	312	1757
1891	329	60	108	7	64	11	...	...	...	...	51	11	641
1892	160	1271	424	...	14	...	...	...	...	...	...	245	2114
1893	1258	193	302	115	145	279	...	...	...	...	...	489	2781
1894	457	567	367	...	...	...	...	1	...	40	...	3	1435
1895	251	918	350	...	164	67	9	...	...	1	9	93	1862
1896	1289	2358	572	...	...	...	...	...	...	...	...	88	4307
1897	219	429	237	...	...	122	...	...	...	...	28	1196	2231
1898	328	1086	867	174	17	154	...	1	...	...	190	1449	4266
1899	1083	704	932	10	...	49	...	...	...	2	23	57	2860
Mean for 10 years	592	816	423	33	41	83	1	...	...	4	39	393	2425

Monthly Number of Wet Days.

1889	—	—	—	1	7	3	—	—	—	—	6	11	—
1890	12	13	2	2	1	3	...	...	...	...	3	6	42
1891	11	5	2	2	3	3	...	...	...	...	1	2	29
1892	4	10	5	...	1	...	...	...	...	...	...	7	27
1893	13	7	5	2	3	2	...	...	...	...	...	6	38
1894	7	12	5	...	...	..	...	1	...	2	...	1	28
1895	9	10	7	...	5	1	1	...	...	1	1	3	38
1896	15	13	14	...	...	...	...	...	...	...	...	3	45
1897	5	10	8	...	...	5	...	...	...	...	3	9	40
1898	14	17	11	6	3	5	...	1	...	...	5	6	68
1899	13	11	13	1	...	3	...	...	...	1	1	6	49

* Not included in meaus. — Signifies "no record." ... Signfies "*nil.*"

LONDON.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1897	29·788	29·785	29·903	29·948	30·052	30·044	30·096	30·060	30·011	29·924	29·846	29·724	29·932
1898	29·766	29·714	29·754	29·938	30·024	30·025	30·070	30·034	29·977	29·920	29·818	29·746	29·899
1899	29·719	29·818	29·746	29·968	30·046	30·050	30·086	30·062	30·012	29·963	29·884	29·850	29·934
Mean for 3 years	29·758	29·772	29·801	29·951	30·041	30·040	30·084	30·052	30·000	29·936	29·849	29·773	29·922

Mean Monthly Temperature.

1897	—	—	86·8	81·4	71·4	69·4	67·4	67·5	70·7	76·2	85·7	85·0	—
1898	86·8	84·3	84·2	76·8	66·5	64·5	62·4	66·8	71·8	76·7	83·0	85·7	75·8
1899	84·1	84·2	82·4	76·8	67·6	64·6	62·2	66·8	71·8	75·2	81·8	84·5	75·2

Highest Temperature in Month.

1897	106·0	113·0	103·0	103·0	98·0	94·0	88·0	91·0	95·1	108·0	110·8	108·5	113·0
1898	103·5	96·0	103·8	96·0	90·5	88·5	84·0	93·0	98·8	108·2	107·2	108·5	108·5
1899	103·8	101·2	101·2	98·0	93·0	81·5	83·2	88·5	95·0	105·0	112·8	107·0	112·8
Highest	106·0	113·0	103·8	103·0	98·0	94·0	88·0	93·0	98·8	108·2	112·8	108·5	113·0

Lowest Temperature in Month.

1897	—	—	68·0	51·0	47·0	41·0	45·0	37·0	48·0	54·0	63·5	60·0	37·0
1898	75·1	71·2	65·0	56·3	44·4	39·2	41·5	39·5	50·5	54·0	59·0	67·5	39·2
1899	65·0	70·0	66·0	57·0	42·0	43·0	39·0	42·0	47·0	49·0	59·0	63·8	39·0
Lowest	65·0	70·0	65·0	51·0	42·0	39·2	39·0	37·0	47·0	49·0	59·0	60·0	37·0

Number of days over 90° (October-April inclusive) and Nights below 40° (May-September).

1897	31	26	31	26	...	...	...	1	...	11	30	26	
1898	27	21	27	12	...	2	...	2	...	19	25	31	
1899	27	23	17	12	...	...	2	...	...	12	23	28	
Mean for 3 years	28	23	25	17	...	1	1	1	...	14	26	28	

Monthly Rainfall.

*1889	—	—	—	...	210	30	...	...	...	...	10	91	—
1890	371	205	5	386	12	53	...	...	...	...	156	171	1359
1891	5	...	...	...	43	71	...	...	...	...	...	466	585
1892	...	150	940	...	...	...	74	...	...	...	...	15	1179
1893	835	488	20	375	93	58	10	...	...	...	...	13	1892
1894	1192	836	869	...	...	...	...	...	...	...	...	...	2897
1895	...	273	28	...	173	142	12	...	...	...	...	...	628
1896	620	36	1033	...	...	11	...	...	...	...	...	...	1700
1897	...	18	31	2	...	106	35	...	...	...	10	596	798
1898	136	349	23	364	61	175	...	...	...	...	...	173	1281
1899	1055	513	1360	...	...	194	...	90	...	...	...	...	3212
Mean for 10 years	421	287	431	113	38	81	13	9	...	..	17	143	1553

Monthly Number of Wet Days.

1889	—	—	—	...	6	2	...	...	...	...	1	1	—
1890	4	4	2	3	3	3	...	...	...	...	2	2	23
1891	1	...	...	...	1	4	...	...	...	...	...	4	10
1892	...	5	6	...	...	...	2	...	...	...	...	1	14
1893	7	7	1	2	2	3	1	...	...	...	...	1	24
1894	4	5	4	...	...	...	...	...	...	...	...	...	13
1895	...	5	2	...	2	2	1	...	...	...	...	...	12
1896	6	3	3	...	...	1	...	...	...	...	...	...	13
1897	...	2	1	1	...	3	1	...	...	...	1	6	15
1898	2	8	2	5	2	2	...	...	...	...	...	2	23
1899	6	8	8	...	...	6	...	2	...	...	...	...	30

* Not included in means. — Signifies "no record." ... Signifies "*nil*."

COSSACK.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
*1881	—	—	—	—	—	—	—	30·065	30·021	29·899	29·790	29·751	—
*1882	29·749	29·747	29·750	29·857	29·942	30·029	30·037	29·971	29·957	29·855	29·812	29·724	29·869
*1883	29·773	29·663	29·850	29·902	29·962	30·012	30·074	30·027	30·016	29·901	29·785	29·772	29·896
*1884	29·765	29 684	29·760	29·906	29·994	30·006	30·080	29·974	29·983	29·929	29·821	29·747	29·887
*1885	29·756	29·710	29·821	29·940	29·974	30·071	30·048	30·019	29·978	29·962	29·905	29·734	29·910
†													
*1886	29·778	29·720	29·842	29·886	—	—	29·990	29·988	29·923	29·882	29·840	29·718	—
*1887	29·672	29·617	29·773	29·828	29·934	—	—	30·000	29·951	—	29·976	29·926	—
*1888	—	—	—	—	—	—	—	—	—	—	—	—	—
*1889	—	—	—	—	—	—	—	—	—	—	29·875	29·738	—
1890	29·692	29·727	29·837	29·926	30·006	30·030	30·101	30·052	29·984	29·915	29·856	29·810	29·911
1891	29·716	29·718	29·858	29·956	30·000	30·048	30·153	30·142	30·046	29·935	29·875	29·836	29·940
1892	29·750	29·776	29·776	29·952	30·038	30·058	30·054	30·003	29·988	29·890	29·811	29·778	29·906
1893	29·687	29·713	29·861	29·864	29·978	30·024	30·010	30·070	29·988	29·894	29·831	29·788	29·892
1894	29·664	29·772	29·797	29·919	29·948	29·950	29·965	29·956	29·926	29·905	29·854	29·813	29·872
1895	29·740	29·764	29·882	29·901	29·931	29·948	—	—	—	—	—	—	—
*1896	—	—	—	—	—	—	—	—	—	—	—	—	—
*1897	—	—	29·925	29·954	30·044	30·027	30·098	30·057	30·014	29·914	29·833	29·722	—
1898	29·734	29·697	29·756	29·940	30·028	30·031	30·091	30·032	30·000	29·936	29·837	29·768	29·904
1899	29·722	29·804	29·727	29·968	30·056	30·060	30·106	30·082	30·029	29·988	29·914	29·856	29·943
Mean for 7 Years	29·709	29·744	29·802	29·932	30·008	30·029	30·068	30·048	29·994	29·923	29·854	29·807	29·910

† Prior to 1886 observations were not taken at 9 a.m. and 3 p.m., and the noon reading has been entered as the monthly Mean. Since that date the Mean is taken from the 9 a.m. and 3 p.m. reading.

Mean Monthly Temperature.

*1881	—	—	—	—	—	—	67·2	71·1	72·8	79·4	82·4	88·1	—
1882	88·8	88·8	87·4	81·0	77·2	65·4	64·5	69·8	77·3	80·4	88·0	90·2	80·0
1883	90·7	88·2	90·5	84·6	77·2	74·8	70·6	69·2	74·2	79·5	84·7	88·6	81·2
1884	90·2	91·0	87·5	78·2	70·8	67·8	63·3	68·6	74·8	79·2	80·5	84·8	78·1
1885	87·8	87·6	84·9	82·4	75·8	66·6	67·6	72·3	74·8	82·4	82·0	88·0	79·3
*1886	88·6	88·4	86·7	80·0	—	—	63·8	63·0	70·0	78·4	85·2	86·6	—
1887	85·4	85·8	88·0	80·6	74·6	66·5	68·5	70·3	72·6	86·0	80·6	89·1	79·0
*1888	86·9	89·9	90·4	86·9	77·1	68·6	65·2	68·5	71·9	81·2	82·8	—	—
*1889	—	—	—	—	—	—	—	—	—	—	83·6	85·9	—
1890	91·8	88·8	90·0	83·0	72·7	67·8	66·5	70·7	75·2	78·2	82·5	86·7	79·5
1891	87·8	87·2	84·6	79·8	76·2	66·0	61·1	65·5	70·4	78·6	83·9	84·6	77·1
1892	88·6	88·4	86·0	81·6	70·9	66·8	65·6	70·6	70·8	75·6	82·5	87·1	77·9
1893	83·7	85·1	84·6	80·2	70·2	64·8	67·1	70·1	74·0	81·9	84·2	84·9	77·6
1894	81·8	81·0	85·1	81·3	72.8	70·2	65·4	68·6	72·5	81·8	85·9	86·9	77·8
*1895	—	—	—	—	—	—	—	—	—	—	—	—	—
*1896	—	—	—	—	—	—	—	—	—	—	—	—	—
*1897	—	—	—	85·4	75·4	71·2	68·7	69·8	72·0	77·8	88·4	88·8	—
1898	89·7	87·2	88·4	79·6	71·0	66·6	66·3	72·4	74·4	80·8	86·9	89·6	79·4
1899	89·0	87·6	86·2	81·7	71·2	65·1	65·2	68·0	75·2	77·8	84·9	87·6	78·3
Mean for 12 Years	88·0	87·4	87·0	81·2	73·4	67·4	66·0	69·8	74·0	80·2	83·9	87·4	78·8

Highest Temperature in Month.

1881	—	—	—	104·0	98·0	82·0	89·0	92·0	100·0	105·0	105·0	115·0	—
1882	116·0	111·0	108·0	94·0	98·0	87·0	75·0	83·0	99·0	98·0	111·0	110·0	116·0
1883	110·0	104·0	108·0	97·0	94·0	95 0	90·0	84·0	96·0	97·0	111·0	105·0	111·0
1884	109·0	110·0	110·0	90·0	84·0	80·0	75·0	79·0	86·0	101·0	109·0	102·0	110·0
1885	109·0	104·0	105·0	97·0	93·0	83·0	84·0	90·0	95·0	104·0	103·0	107·0	109·0
1886	111·0	105·0	102·0	98·0	—	—	82·0	78·0	84·0	100·0	104·0	112·0	112·0
1887	110·0	112·0	113·0	105·0	96·0	84·0	84·0	86·0	88·0	109·0	103·0	114·0	114·0
1888	119·0	115·0	103·0	102·0	96·0	88·0	81·0	90·0	101·0	104·0	108·0	—	—
1889	—	—	—	—	—	—	—	—	—	—	109·0	101·0	—
1890	115·0	108·0	110·0	102·0	92·0	84·0	88·0	92·0	95·0	97·0	111·0	107·0	115·0
1891	111·0	107·0	107·0	98·0	96·0	82·0	81·0	84·0	94·0	106·0	108·0	115·0	115·0
1892	113·0	111·0	105·0	101·0	89·0	84·0	80·0	89·0	90·0	100·0	110·0	108·0	113·0
1893	106·0	106·0	101·0	103·0	87·0	80·0	82·0	94·0	96·0	106·0	107·0	109·0	109·0
1894	100·0	93·0	95·0	94·0	84·0	80·0	78·0	78·0	84·0	96·0	97·0	98·0	100·0
1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	—	—	—	—	—	—	—	—	—	—	—	—	—
1897	—	—	—	105·0	96·5	93·0	92·0	92·8	91·0	103·0	109·0	110·0	—
1898	113·4	112·2	108·0	100·2	89·8	86·2	85·0	92·0	95·4	110·5	110·5	112·6	113·4
1899	108·2	107·9	111·2	96·8	93·0	83·4	83·2	89·3	95·8	105·1	111·7	107·5	111·7
Highest ...	119·0	115·0	113·0	105·0	98·0	95·0	92·0	94·0	101·0	110·5	111·7	115·0	119·0

* Not included in means. — Signifies "no record."

COSSACK.

Lowest Temperature in Month.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1881	—	—	—	—	—	—	46·0	52·0	53·0	61·0	62·0	70·0	—
1882	70·0	72·0	71·0	65·0	54·0	51·0	52·0	58·0	63·0	63·0	71·0	71·0	51·0
1883	78·0	76·0	75·0	72·0	61·0	62·0	55·0	55·0	59·0	65·0	70·0	77·0	55·0
1884	75·0	77·0	75·0	66·0	55·0	51·0	50·0	55·0	63·0	63·0	65·0	68·0	50·0
1885	72·0	73·0	71·0	68·0	62·0	53·0	47·0	58·0	58·0	65·0	64·0	72·0	47·0
1886	78·0	76·0	71·0	61·0	—	—	45·0	48·0	53·0	55·0	66·0	70·0	—
1887	64·0	68·0	67·0	62·0	55·0	50·0	54·0	51·0	58·0	60·0	61·0	64·0	50·0
1888	66·0	64·0	74·0	—	56·0	52·0	50·0	46·0	52·0	54·0	62·0	—	46·0
1889	—	—	—	—	—	—	—	—	—	—	63·0	65·0	—
1890	79·0	74·0	72·0	65·0	52·0	50·0	50·0	53·0	57·0	63·0	64·0	69·0	50·0
1891	71·0	74·0	68·0	62·0	61·0	51·0	45·0	46·0	54·0	57·0	65·0	66·0	45·0
1892	74·0	74·0	70·0	61·0	50·0	50·0	50·0	52·0	54·0	57·0	62·0	71·0	50·0
1893	68·0	70·0	70·0	61·0	47·0	53·0	53·0	55·0	57·0	63·0	67·0	70·0	47·0
1894	60·0	70·0	72·0	70·0	64·0	58·0	55·0	59·0	61·0	71·0	74·0	76·0	55·0
1895	73·0	73·0	72·0	70·0	65·0	—	—	—	—	—	—	—	—
1896	—	—	—	—	—	—	—	—	—	—	—	—	—
1897	—	—	66·0	67·0	51·0	49·0	50·8	48·0	54·0	59·0	69·2	70·8	48·0
1898	73·2	72·8	73·2	62·0	53·4	44·9	48·2	49·8	56·1	62·8	65·0	69·5	44·9
1899	72·0	73·5	65·0	67·2	52·5	50·0	45·9	52·2	55·8	58·7	62·4	72·8	45·9
Lowest ...	60·0	64·0	65·0	61·0	47·0	44·9	45·0	46·0	52·0	54·0	61·0	64·0	44·9

Number of days over 90° (October-April, inclusive) and nights below 40° (May-September).

*1881	—	—	—	29		...	...	...	...	—	—	31	
*1882	—	28	—	14	...	...	...	...	...	13	29	31	
1883	31	27	31	26	...	...	...	...	...	9	22	29	
*1884	31	—	—	1	...	...	...	...	...	16	14	29	
1885	31	22	29	21	...	...	...	...	...	25	19	31	
1886	31	28	27	16	...	...	...	...	...	21	30	31	
*1887	31	28	31	18	...	...	...	...	...	—	30	31	
*1888	23	29	31	—	...	...	...	...	...	29	29	—	
*1889	—	—	—	—	—	—	—	—	—	—	25	25	
1890	31	24	31	21	...	...	...	...	...	16	22	29	
1891	30	28	30	13	...	...	...	...	...	20	25	23	
1892	28	28	25	22	...	...	...	...	...	10	22	24	
1893	16	18	28	18	...	...	...	...	...	20	24	22	
1894	18	9	16	4	...	...	...	...	...	10	17	19	
*1895	14	11	8	6	...	...	...	...	...	—	—	—	
*1896	—	—	—	—	—	—	—	—	—	—	—	—	
*1897	—	—	29	30	...	...	...	...	...	13	30	30	
1898	28	27	31	18	...	...	...	...	...	27	30	31	
1899	31	25	22	25	...	...	...	...	...	13	27	29	
Mean for 10 years	28	24	27	18	...	...	...	...	...	17	24	27	

Monthly Rainfall.

1881	—	—	...	...	16	94	359	...	...	14·0	...	...	—
1882	...	...	861	63	...	62	...	94	...	2	...	12	1094
1883	85	357	...	9	...	104	54	38	...	...	...	8	655
1884	2	185	40	616	97	171	...	284	8	...	...	...	1403
1885	5	275	...	36	258	26	18	...	...	5	...	6	629
1886	10	8	504	...	86	70	63	2	...	...	...	2	745
1887	233	967	2	39	122	176	37	5	...	...	...	1	1582
1888	351	154	...	76	34	45	44	70	...	...	...	...	774
1889	35	...	520	...	563	110	35	53	...	...	...	108	1424
1890	60	118	17	111	314	9	1	...	...	2	27	...	659
1891	1	...	...	...	8	25	...	...	...	...	...	...	34
1892	...	66	519	...	...	...	228	7	...	...	...	...	820
1893	1207	434	...	45	3	70	12	...	...	...	...	13	1784
1894	745	6	86	...	...	...	22	...	...	...	74	...	933
1895	70	699	21	...	...	73	116	...	...	...	...	...	979
1896	—	—	—	—	—	—	—	—	—	—	—	—	—
1897	20	20	27	...	...	119	485	...	...	...	...	210	881
1898	388	249	...	1542	78	154	...	...	...	...	...	27	2438
1899	107	222	305	3	1	216	...	62	...	...	...	...	916
Mean for 18 years	184	209	161	141	87	79	62	34	...	1	6	22	986

* Not included in means. —Signifies "no record." ... Signifies "*nil*."

COSSACK.

Monthly Number of Wet Days.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1881	—	—	...	...	1	4	5	...	...	1	...	...	—
1882	...	...	4	3	...	2	...	2	...	1	...	2	14
1883	3	3	...	2	...	3	2	1	...	...	...	1	15
1884	1	...	...	10	3	5	...	5	1	...	...	...	25
1885	1	9	...	2	3	2	2	...	...	1	...	1	21
1886	1	1	6	...	—	—	3	1	...	...	...	2	—
1887	2	7	1	3	4	8	2	2	...	...	...	1	30
1888	8	4	...	—	2	2	3	4	...	...	...	...	—
1889	4	...	3	...	5	5	1	3	...	...	...	3	24
1890	4	8	1	1	4	1	1	...	...	1	1	...	22
1891	1	...	...	...	1	2	...	...	...	...	...	...	4
1892	...	4	7	...	...	...	2	1	...	...	...	...	14
1893	9	5	...	2	3	6	2	...	...	...	...	2	29
1894	9	1	3	...	...	...	2	...	...	...	1	...	16
1895	2	6	1	...	...	3	—	...	...	...	...	...	—
1896	—	—	—	—	—	—	—	—	—	—	—	—	—
1897	—	—	5	...	...	6	3	. .	...	...	...	6	—
1898	5	7	...	3	3	3	...	...	...	...	...	2	23
1899	5	5	3	1	1	5	...	2	...	...	...	...	22

— Signifies " no record." ... Signifies "*nil*."

ONSLOW.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1887	29·791	29·734	29·888	29·932	30·030	30·070	30·126	30·092	30·089	30·031	29·926	29·876	29·965
1888	29·725	29·816	29·946	29·974	30·049	30·085	30·132	30·070	30·071	30·036	29·950	29·884	29·978
1889	29·872	29 860	29·950	29·968	29·983	30·006	30·103	30·078	30·013	29·990	29·849	29·759	29·953
1890	29·712	29·818	29·861	29·953	30·013	30·052	30·102	30·087	30·030	29·980	29·917	29·872	29·950
1891	29·789	29·830	29·914	30·004	30·040	30·088	30·190	30·174	30·110	30·002	22·937	29·904	29·998
1892	29·808	29·822	29·757	29·984	30·070	30·108	30·079	30·058	30·042	29·960	29·886	29·834	29·951
*1893	29·729	29·740	29·906	29·918	30·006	30·024	30·072	30·104	30·052	29·988	29·906	29·846	29·941
1894	29·693	29·808	29·856	29·998	30·084	30·132	30·153	30·104	30·066	29·982	29·917	29·855	29·971
1895	29·783	29·794	29·895	30·016	30·151	30·176	30·192	30·183	30·138	30·074	30·054	29·942	30·033
1896	29·822	29·861	29·904	30·058	30·179	30·178	30·159	30·130	30·075	30·006	29·924	29·887	30·015
1897	29·820	29·794	29·906	29·950	30·054	30·016	30·090	30·082	30·020	29·923	29·874	29·722	29·938
1898	29·735	29·690	29·764	29·954	30·018	30·032	30·076	30·048	29·984	29·952	29·836	29·761	29·904
1899	29·724	29·802	29·730	29·950	30·034	30·024	30·068	30·054	30·022	29·982	29·911	29·833	29·928
Mean for 12 years	29·773	29·802	29·864	29·978	30·059	30·081	30·122	30·097	30·054	29·993	29·915	29·844	29·965

Mean Monthly Temperature.

1887	85·2	84·3	84·8	78·0	72·3	63·7	61·7	66·0	72·9	77·0	74·6	84·0	75·4
1888	85·8	86·3	83·6	82·7	70·2	67·0	64·6	64·6	68·6	75·4	80·7	83·8	76·1
1889	85·9	87·2	83·6	81·2	71·4	64·1	62·4	64·4	68·3	76·0	79·0	87·0	75·9
1890	87·7	84·8	86·4	78·8	70·6	63·8	64·0	65·6	69·2	73·0	79·8	81·2	75·4
1891	84·3	83·8	84·1	79·1	75·2	65·2	60·0	64·3	67·8	73·0	79·0	80·2	74·6
1892	87·7	87·0	83·0	80·5	69·5	65·2	63·6	65·6	67·1	72·2	78·7	81·4	75·1
1893	82·0	83·5	82·8	76·2	69·1	63·3	63·8	67·9	69·2	74·0	78·8	79·6	74·2
1894	81·7	82·2	81·8	79·4	70·7	64·6	62·5	62·0	65·1	71·9	77·7	81·0	73·4
*1895	87·0	85·4	85·6	—	—	—	—	—	—	78·2	80·4	85·6	74·9
*1896	83·9	87·2	84·5	—	—	—	—	—	—	—	74·7	82·4	73·8
1897	83·6	87·2	84·4	82·5	71·8	69·2	66·8	67·0	70·4	74·4	80·6	85·0	76·8
1898	87·0	84·7	84·4	79·8	69·6	64·2	66·0	67·5	71·6	75·4	81·8	86·1	76·5
1899	85·8	86·0	85·8	78·8	69·8	64·1	63·9	66·8	71·0	73·4	78·7	85·4	75·8
Mean for 11 years	85·2	85·2	84·1	79·7	70·9	64·9	63·6	65·6	69·2	74·2	79·0	83·2	75·4

Highest Temperature in Month.

1887	114·0	111·0	108·0	100·0	88·0	78·0	78·0	82·0	96·0	99·0	100·0	109·0	114·0
1888	112·0	111·0	106·0	105·0	91·0	84·0	81·0	82·0	93·0	97·0	112·0	111·0	112·0
1889	110·0	112·0	107·0	97·0	91·0	78·0	80·0	84·0	90·0	104·0	112·0	114·0	114·0
1890	115·0	111·0	110·0	104·0	85·0	79·0	79·0	85·0	96·0	97·0	105·0	—	—
1891	—	119·0	115·0	101·0	98·0	83·0	81·0	88·0	90·0	101·0	107·0	112·0	—
1892	113·0	115·0	107·0	106·0	92·0	85·0	82·0	87·0	90·0	98·0	106·0	112·0	115·0
1893	115·0	115·0	106·0	96·0	89·0	81·0	86·0	91·0	97·0	103·0	113·0	108·0	115·0
1894	114·0	109·0	103·0	104·0	93·0	85·0	84·0	86·0	88·0	104·0	108·0	109·0	114·0
1895	109·0	108·0	110·0	102·0	89·0	85·0	88·0	92·0	100·0	113·0	118·0	121·0	121·0
1896	121·0	123·0	116·0	106·0	103·0	94·0	86·0	94·0	103·0	98·0	103·0	107·0	123·0
1897	107·0	112·0	103·0	105·0	95·0	86·5	88·0	90·3	93·0	108·5	108·7	112·2	112·2
1898	117·0	107·9	108·7	101·0	92·5	82·5	86·5	90·5	98·5	101·2	108·0	115·0	117·0
1899	105·2	107·8	108·5	98·5	91·9	80·5	83·5	86·0	90·5	102·0	110·0	114·9	114·9
Highest ...	121·0	123·0	116·0	106·0	103·0	94·0	88·0	94·0	103·0	113·0	118·0	121·0	123·0

Lowest Temperature in Month.

1887	67·0	66·0	64·0	56·0	48·0	49·0	42·0	42·0	57·0	53·0	57·0	64·0	42·0
1888	71·0	70·0	64·0	63·0	49·0	48·0	42·0	44·0	47·0	56·0	58·0	60·0	42·0
1889	65·0	70·0	64·0	65·0	55·0	45·0	45·0	44·0	49·0	55·0	59·0	64·0	44·0
1890	69·0	69·0	68·0	62·0	48·0	42·0	44·0	46·0	49·0	52·0	62·0	53·0	42·0
1891	65·0	66·0	64·0	57·0	55·0	41·0	39·0	39·0	47·0	52·0	58·0	60·0	39·0
1892	67·0	67·0	63·0	55·0	45·0	44·0	44·0	45·0	45·0	49·0	53·0	58·0	44·0
1893	55·0	60·0	65·0	56·0	50·0	48·0	44·0	47·0	48·0	50·0	55·0	55·0	44·0
1894	51·0	64·0	61·0	59·0	49·0	40·0	39·0	40·0	44·0	50·0	57·0	59·0	39·0
1895	70·0	62·0	64·0	—	—	—	—	—	—	48·0	54·0	59·0	—
1896	59·0	60·0	54·0	—	—	—	—	—	—	—	49·0	63·0	—
1897	65·5	66·0	67·5	53·0	45·2	45·2	46·0	43·0	49·0	48·5	52·5	54·5	43·0
1898	65·5	69·5	63·0	57·5	46·0	38·5	42·3	43·4	45·0	52·2	61·8	64·0	38·5
1899	66·5	70·0	63·0	58·9	47·5	47·2	43·8	46·5	54·5	53·0	59·0	67·4	43·8
Lowest ...	51·0	60·0	54·0	53·0	45·0	38·5	39·0	39·0	44·0	48·0	49·0	53·0	38·0

* Not included in means. —Signifies "no record."

ONSLOW.

Number of days over 90° (October-April, inclusive) and nights below 40° (May-September).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1887	28	19	28	17	...	...	...	...	...	18	7	29	
1888	22	27	31	26	...	...	...	...	...	17	22	26	
1889	29	26	26	22	...	...	...	...	...	16	17	28	
*1890	29	16	31	10	...	...	...	...	...	10	17	—	
*1891	—	21	27	19	...	...	4	2	...	8	20	17	
1892	28	28	21	26	...	...	...	...	...	15	25	31	
*1893	—	—	29	17	...	...	...	...	...	20	22	27	
1894	29	24	29	26	...	1	4	1	...	10	20	20	
1895	20	26	26	18	—	—	—	—	—	30	30	31	
1896	31	29	31	30	—	—	—	—	—	8	18	27	
1897	26	28	28	25	...	...	...	...	...	17	26	27	
1898	26	20	31	21	...	2	...	...	...	18	24	29	
1899	31	25	26	20	...	...	...	...	...	9	19	26	
Mean for 10 Years	27	25	28	23	...	...	1	...	...	16	21	27	

Monthly Rainfall.

1886	19	10	30	...	...	...	119	9	3	...	...	...	190
1887	5	14	...	56	103	264	274	28	...	...	15	...	759
1888	340	50	...	14	490	338	82	49	...	...	...	4	1367
1889	59	...	340	...	726	293	14	421	...	...	...	4	1857
1890	12	135	5	155	697	81	12	...	...	7	13	...	1117
1891	...	...	...	...	12	248	...	...	...	..	...	...	260
1892	...	105	259	...	55	...	150	28	...	...	...	5	602
1893	72	321	34	101	12	336	169	...	...	...	...	5	1050
1894	115	8	90	...	3	5	7	7	27	...	3	...	265
1895	...	32	188	47	101	177	47	1	...	...	...	...	593
1896	25	1	27	...	1	4	...	13	2	...	...	...	73
1897	...	...	98	1	...	437	285	...	...	...	1	241	1063
1898	105	194	6	5	9	65	1	2	...	...	3	...	390
1899	7	92	18	...	...	265	65	100	...	...	...	36	583
Mean for 14 Years	54	69	78	27	158	180	87	47	2	1	2	21	726

Monthly Number of Wet Days.

1886	2	1	1	...	...	...	4	2	1	...	...	...	11
1887	1	4	...	3	2	7	4	2	...	...	1	...	24
1888	8	2	...	1	2	5	2	3	...	...	...	1	24
1889	4	...	1	...	9	4	3	2	...	...	...	1	24
1890	3	4	1	4	7	2	2	...	...	1	1	...	25
1891	...	...	...	...	1	5	...	...	...	...	...	...	6
1892	...	3	8	...	3	...	6	5	...	...	...	1	26
1893	6	3	2	4	2	12	4	...	...	...	...	1	34
1894	6	1	3	...	1	1	1	1	3	...	1	...	18
1895	...	3	3	1	2	5	3	1	...	...	...	...	18
1896	7	1	1	...	1	1	...	1	1	...	...	...	13
1897	...	...	3	1	...	2	4	...	...	...	1	3	14
1898	3	9	2	1	2	3	1	1	...	...	1	...	23
1899	2	3	2	...	...	8	2	1	...	...	...	2	20

* Not included in means. — Signifies "no record." ... Signifies "*nil.*"

CARNARVON.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
*1885	29·893	29·820	29·904	30·025	30·002	30·069	30·057	30·105	30·054	30·027	29·947	29·853	29·980
*1886	29·836	29·756	29·892	29·976	30·002	30·096	30·033	30·029	29·967	29·960	29·916	29·815	29·940
1887	29·810	29·766	29·885	29·952	30·010	30·027	30·088	30·106	30·080	30·026	29·912	29·884	29·962
1888	29·752	29·832	29·932	29·991	30·042	30·082	30·140	30·084	30·066	30·038	29·975	29·906	29·987
1889	29·890	29·870	29·936	29·950	29·988	30·003	30·106	30·082	30·034	30·016	29·888	29·808	29·964
1890	29·750	29·793	29·889	29·930	29·990	30·039	30·103	30·090	30·037	29·983	29·922	29·890	29·951
1891	29·809	29·828	29·918	30·002	30·044	30·066	30·175	30·152	30·117	30·011	29·944	29·916	29·998
1892	29·826	29·840	29·836	29·996	30·058	30·092	30·032	30·038	30·038	29·999	29·914	29·848	29·960
1893	29·759	29·742	29·868	29·892	29·982	29·987	30·060	30·111	30·052	29·993	29·908	29·828	29·932
1894	29·693	29·744	29·822	29·958	30·036	30·092	30·096	30·065	30·038	29·982	29·910	29·842	29·940
1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	29·784	29·792	29·925	30·040	30·066	30·040	30·042	30·097	30·077	30·038	29·902	29·870	29·973
1897	29·832	29·838	29·919	29·972	30·047	29·998	30·100	30·106	30·043	30·003	29·938	29·746	29·962
*1898	29·797	29·699	29·796	29·958	—	30·072	30·094	30·068	30·056	30·025	29·912	29·862	—
1899	29·771	29·852	29·811	30·004	30·092	30·048	30·120	30·121	30·078	30·030	29·979	29·901	29·984
Mean for 11 years	29·789	29·809	29·886	29·972	30·032	30·043	30·096	30·096	30·060	30·010	29·926	29·858	29·965

Mean Monthly Temperature.

1885	80·0	83·1	80·2	76·0	70·4	67·1	64·8	63·2	65·8	70·9	74·8	76·8	72·8
1886	79·2	81·8	82·5	76·2	69·6	63·8	61·2	63·6	67·6	66·8	76·6	79·7	72·4
1887	77·1	76·4	78·4	73·2	67·8	64·0	61·7	64·0	66·3	71·3	73·6	79·6	71·1
1888	81·0	82·5	81·8	76·2	68·4	66·2	63·7	65·2	69·1	71·7	76·0	78·0	73·3
1889	79·6	79·9	80·2	79·2	70·8	65·8	64·0	64·8	68·0	68·2	69·6	73·4	71·9
1890	81·0	79·6	79·8	78·6	70·6	64·6	62·8	65·1	67·9	69·8	75·2	75·4	72·5
*1891	78·1	81·0	77·4	70·5	—	—	—	—	—	66·1	70·8	71·2	—
*1892	—	—	—	—	—	—	—	—	—	—	—	—	—
*1893	—	—	—	73·3	67·0	65·5	65·8	66·9	68·8	72·0	76·2	76·5	—
1894	85·1	85·6	80·5	75·0	68·8	65·4	63·8	64·8	67·6	71·4	73·8	78·0	73·3
1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	78·0	79·3	79·0	74·6	68·1	69·1	65·6	65·4	71·5	72·4	73·2	73·4	72·5
*1897	—	—	74·8	75·6	65·8	65·6	—	—	—	65·1	70·0	73·8	—
1898	75·7	80·5	80·7	74·6	67·9	60·4	62·8	64·2	67·3	68·5	75·4	76·2	71·2
1899	83·0	78·6	81·2	72·2	66·8	62·8	60·6	62·9	66·3	68·8	72·8	78·4	71·2
Mean for 10 years	80·0	80·7	80·4	75·6	69·0	64·9	63·1	64·3	67·6	70·0	74·1	76·9	72·2

Highest Temperature in Month.

1885	110·0	111·0	108·0	100·0	94·0	87·0	86·0	83·0	82·0	104·0	95·0	91·0	111·0
1886	101·0	114·0	111·0	102·0	96·0	84·0	80·0	82·0	95·0	88·0	109·0	117·0	117·0
1887	114·0	111·0	109·0	101·0	90·0	82·0	79·0	81·0	90·0	103·0	97·0	110·0	114·0
1888	105·0	112·0	110·0	102·0	92·0	87·0	86·0	84·0	91·0	105·0	112·0	103·0	112·0
1889	109·0	101·0	112·0	105·0	91·0	82·0	85·0	88·0	92·0	84·0	87·0	99·0	112·0
1890	110·0	100·0	110·0	107·0	90·0	81·0	81·0	86·0	96·0	86·0	96·0	102·0	110·0
1891	109·0	114·0	106·0	106·0	85·0	81·0	82·0	86·0	92·0	88·0	106·0	103·0	114·0
1892	110·0	108·0	99·0	95·0	89·0	81·0	80·0	80·0	81·0	90·0	92·0	105·0	110·0
1893	105·0	108·0	109·0	97·0	86·0	80·0	83·0	92·0	90·0	88·0	90·0	110·0	110·0
1894	114·0	110·0	108·0	99·0	94·0	82·0	81·0	84·0	92·0	105·0	108·0	110·0	114·0
1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	104·0	103·0	105·0	95·0	90·0	90·0	86·0	88·0	97·0	93·0	104·0	90·0	105·0
1897	—	101·0	104·0	108·0	89·0	84·0	79·0	80·0	93·0	82·5	98·8	101·2	—
1898	104·0	111·2	105·2	96·8	91·2	82·2	80·5	88·5	95·3	91·2	108·0	101·5	111·2
1899	110·4	101·0	110·3	91·2	90·0	78·3	80·5	82·0	90·7	93·0	90·3	110·5	110·5
Highest	114·0	114·0	112·0	108·0	96·0	90·0	86·0	92·0	97·0	105·0	112·0	117·0	117·0

* Not included in mean. — Signifies "no record."

CARNARVON.

Lowest Temperature in Month.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1885	60·0	61·0	60·0	57·0	49·0	47·0	41·0	43·0	47·0	52·0	52·0	61·0	41·0
1886	65·0	67·0	66·0	50·0	44·0	38·0	37·0	41·0	45·0	45·0	56·0	60·0	37·0
1887	62·0	57·0	62·0	50·0	47·0	41·0	42·0	42·0	45·0	50·0	51·0	61·0	41·0
1888	63·0	68·0	61·0	57·0	47·0	42·0	40·0	40·0	46·0	52·0	58·0	62·0	40·0
1889	62·0	65·0	63·0	59·0	49·0	44·0	41·0	42·0	45·0	46·0	52·0	52·0	41·0
1890	63·0	64·0	63·0	58·0	45·0	41·0	40·0	46·0	46·0	53·0	59·0	63·0	40·0
1891	62·0	64·0	54·0	49·0	—	—	—	—	—	46·0	52·0	54·0	—
1892	—	—	—	—	—	—	—	—	—	—	—	—	—
1893	—	—	—	55·0	46·0	44·0	44·0	44·0	50·0	50·0	50·0	60·0	44·0
1894	63·0	63·0	61·0	55·0	45·0	44·0	39·0	40·0	48·0	55·0	60·0	65·0	39·0
1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	61·0	62·0	62·0	52·0	45·0	46·0	42·0	47·0	52·0	54·0	53·0	56·0	42·0
1897	—	—	56·0	46·0	43·0	40·0	—	—	—	46·2	52·2	53·2	—
1898	58·2	67·0	63·2	56·2	48·5	38·2	45·0	45·8	50·0	52·5	58·0	60·0	38·2
1899	61·1	65·7	60·3	53·0	46·3	45·0	41·5	44·5	49·5	55·0	57·0	63·2	41·5
Lowest	58·2	61·0	54·0	46·0	43·0	38·0	37·0	40·0	41·0	45·0	50·0	52·0	37·0

Number of Days over 90° (October-April, inclusive), and Nights below 40° (May-September).

1885	17	24	20	11	...	...	...	...	...	5	3	3	
*1886	12	12	17	18	...	4	1	...	...	—	11	14	
1887	12	14	13	9	...	...	...	...	...	6	2	12	
1888	16	20	18	7	...	...	1	1	...	3	7	10	
1889	10	9	15	15	...	...	...	...	...	...	...	4	
1890	13	6	14	15	...	...	1	...	...	...	6	2	
1891	5	13	11	4	—	—	—	—	—	...	9	4	
1892	5	16	4	7	—	—	—	—	—	1	3	5	
1893	13	7	13	2	...	...	...	...	...	...	1	4	
1894	23	26	14	8	...	...	1	1	...	2	3	7	
*1895	—	—	—	—	—	—	—	—	—	—	—	—	
1896	12	12	15	8	...	...	...	...	...	3	7	2	
*1897	—	9	5	15	...	1	—	—	—	...	1	5	
1898	6	13	16	12	...	3	...	...	...	1	5	2	
1899	16	4	14	2	...	...	...	...	...	1	1	8	
Mean for 12 years	12	14	14	8	...	1	...	...	...	2	4	5	

Monthly Rainfall.

1883	...	...	...	...	89	732	55	10	8	...	...	...	894
1884	...	4	...	...	67	72	172	138	53	4	...	...	510
1885	...	19	16	...	89	147	421	36	1	4	...	...	733
1886	15	50	2	1	33	69	209	51	96	...	...	...	526
1887	...	...	8	2	58	132	226	79	2	...	75	...	582
1888	59	37	...	17	7	247	21	13	34	...	...	...	435
1889	6	...	248	...	323	326	141	20	16	12	...	6	1098
1890	...	64	...	169	180	329	118	77	1	28	11	...	977
1891	...	...	...	...	24	221	7	5	3	4	...	2	266
1892	...	7	273	...	41	159	544	174	3	...	5	1	1207
1893	87	228	18	384	82	462	329	55	7	...	...	...	1652
1894	5	3	...	...	32	130	142	30	65	...	...	...	407
1895	...	61	142	72	5	865	81	30	17	...	...	...	1273
1896	...	31	124	63	...	5	84	57	...	...	...	...	364
1897	...	...	...	17	10	680	416	9	7	8	...	40	1187
1898	239	517	...	...	...	150	136	132	17	...	6	...	1197
1899	...	...	...	87	50	293	193	54	4	17	6	...	704
Mean for 17 years	24	60	49	48	64	296	194	57	20	5	4	3	824

* Not included in means. ... Signifies "*nil*." — Signifies "no record."

CARNARVON.

Monthly number of Wet Days.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1883	...	...	...	...	1	8	3	2	1	...	...	...	15
1884	...	4	...	...	4	8	—	—	5	2	...	...	—
1885	...	1	2	...	10	5	10	5	1	1	...	...	35
1886	1	3	1	1	4	5	7	7	5	...	...	...	34
1887	...	...	1	1	4	6	7	6	1	...	1	...	27
1888	4	3	...	3	2	6	2	2	5	...	...	...	27
1889	1	...	4	...	11	12	5	6	3	4	...	1	47
1890	...	3	...	4	7	12	5	3	1	2	2	...	39
1891	...	...	...	...	1	7	1	1	3	2	...	1	16
1892	...	1	8	...	2	6	8	9	1	...	2	1	38
1893	4	4	4	7	4	11	6	3	1	...	...	...	44
1894	1	1	...	...	2	4	3	4	3	...	...	...	18
1895	...	5	2	4	1	10	3	2	1	...	...	...	28
1896	...	4	2	1	...	1	4	2	...	...	...	...	14
1897	...	...	...	1	1	12	4	1	1	1	...	1	22
1898	3	4	...	...	...	6	5	9	3	...	2	...	32
1899	...	...	...	6	1	8	6	4	4	4	1	...	34

... Signifies "*nil.*" — Signifies "no record."

HAMELIN POOL.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1897	—	—	—	—	—	—	—	—	—	—	29·956	29·835	—
1898	29·825	29·740	29·842	30·052	30·055	30·080	30·120	30·062	30·060	30·018	29·911	29·846	29·968
1899	29·788	29·841	29·830	30·008	30·119	30·053	30·134	30·138	30·064	29·994	29·948	29·894	29·984

Mean Monthly Temperature.

1897	82·8	81·2	76·6	76·0	66·9	62·5	59·4	58·2	64 4	67·6	74·0	80·3	70·8
1898	83·2	83·8	82·4	75·6	66·8	57·6	59·4	61·0	65·8	66·4	77·0	79·5	71·6
1899	86·6	81·8	84·5	71·4	65·2	60·0	58·4	60·7	66·2	67·1	74·7	81·8	71·5
Mean for 3 years	84·2	82·3	81·2	74·3	66·3	60·0	59·1	60·0	65·5	67·0	75·2	80·5	71·3

Highest Temperature in Month.

1897	110·0	108·0	104·6	105·6	85·4	76·0	76·8	79·8	93·2	97·0	102·8	106·2	110·0
1898	110·2	111·4	103·8	97·0	89·0	72·0	77·2	76·6	93·8	90·8	107·0	104·0	111·4
1899	109·0	102·0	112·8	95·2	89·8	76·0	76·8	77·4	96·8	96·0	109·0	108·2	112·8
Highest ...	110·2	111·4	112·8	105·6	89·8	76·0	77·2	79·8	96·8	97·0	109·0	108·2	112·8

Lowest Temperature in Month.

1897	61·0	59·0	54·0	51·0	45·8	43·5	38·2	35·7	40·0	46·0	52·0	56·2	35·7
1898	61·4	62·2	60·0	54·0	46·0	36·2	41·2	40·8	44·2	45·0	46·6	57·4	36·2
1899	55·2	58·0	50·6	50·0	44·2	42·8	36·6	42·4	43·4	44·6	48·4	58·2	36·6
Lowest ...	55·2	58·0	50·6	50·0	44·2	36·2	36·6	35·7	40·0	44·6	46·6	56·2	35·7

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1897	21	26	16	13	...	...	1	5	1	4	11	27	...
1898	29	22	27	11	...	4	...	...	...	1	20	24	...
1899	29	25	27	2	...	...	2	...	...	2	14	28	...
Mean for 3 years	26	24	23	9	...	1	1	2	...	2	15	27	...

Monthly Rainfall.

1885	—	—	—	—	114	145	352	103	...	20	9	...	—
1886	...	95	...	. .	30	155	213	59	35	...	...	...	587
1887	...	35	37	...	58	53	130	125	8	...	160	...	606
1888	43	215	5	9	2	116	32	32	38	1	...	...	493
1889	...	6	475	15	301	246	337	37	27	13	...	...	1457
1890	...	40	...	185	150	301	182	98	40	96	6	...	1098
1891	...	...	1	1	38	105	6	5	18	...	...	...	174
1892	...	5	141	6	52	165	191	250	4	...	24	...	838
1893	40	59	37	179	89	292	448	99	74	1	1	...	1319
1894	...	10	70	...	9	52	86	21	12	...	...	...	260
1895	...	52	11	...	3	465	48	37	18	...	...	...	634
1896	4	...	41	...	42	82	62	14	12	...	...	...	257
1897	...	4	13	43	13	410	306	23	13	7	1	...	833
1898	91	556	...	...	40	188	146	186	21	...	...	1	1229
1899	...	10	...	6	275	304	111	25	9	22	13	...	775
Mean for 14 years	13	78	59	32	77	210	164	72	24	10	15	...	754

Monthly number of Wet Days.

1885	—	—	—	—	4	6	12	8	...	3	2	...	—
1886	...	6	...	...	3	4	8	5	6	...	...	...	32
1887	...	2	3	...	6	9	11	6	3	...	4	...	44
1888	5	2	2	2	2	7	2	6	7	1	...	...	36
1889	...	1	2	1	15	16	8	4	4	4	...	...	55
1890	...	5	...	4	12	12	6	6	6	5	1	...	57
1891	...	...	1	1	4	8	1	2	5	...	...	...	22
1892	...	2	5	3	5	7	7	9	1	...	2	...	41
1893	2	4	5	5	6	11	11	6	6	1	1	...	58
1894	...	1	3	...	2	7	5	4	4	...	...	...	26
1895	...	2	2	...	2	9	6	5	4	...	...	...	30
1896	3	...	2	...	2	8	10	4	3	...	...	...	32
1897	...	2	1	3	2	13	7	3	3	1	1	...	36
1898	3	4	...	...	4	14	6	12	2	...	...	...	
1899	...	1	...	3	3	11	6	4	2	3	1	...	34

... Signifies "*nil.*" — Signifies "no record."

GERALDTON.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
*1880	29·743	29·851	29·867	29·994	30·020	30·050	30·146	30·073	30·062	30·024	29·958	29·912	29·975
*1881	29·864	29·890	29·949	30·019	30·062	—	30·149	30·162	30·118	29·985	29·891	29·827	—
*1882	29·904	29·864	29·903	29·905	30·070	30·036	30·112	30·021	30·087	29·980	29·926	29·844	29·971
*1883	29·893	29·818	29·969	29·985	29·990	29·999	30·181	30·117	30·171	—	—	—	—
*1884	—	—	—	—	—	—	—	—	—	—	—	—	—
*1885	—	—	—	—	—	—	—	—	—	—	—	—	—
1886	29·952	29·872	30·037	30·154	30·106	30·228	30·135	30·062	30·052	30·098	30·046	29·955	30·058
1887	29·896	29·897	29·992	30·072	30·089	30·100	30·146	30·070	30·134	30·100	29·970	29·976	30·037
1888	29·870	29·932	30·035	30·102	30·108	30·112	30·214	30·168	30·091	30·080	30·024	29·966	30·058
1889	29·964	29·948	30·024	30·010	30·014	30·012	30·138	30·115	30·052	30·063	29·950	29·912	30·017
1890	29·876	29·892	30·017	30·057	30·084	30·128	30·232	30·210	30·143	30·058	30·092	30·012	30·067
*1891	29·977	29·987	30·114	30·206	30·191	—	—	—	—	30·120	30·090	30·039	—
1892	29·960	29·982	29·930	30·136	30·190	30·236	30·144	30·106	30·156	30·103	29·990	29·955	30·074
1893	29·844	29·820	29·988	29·979	30·044	30·072	30·070	30·176	30·050	30·031	29·975	29·906	29·996
1894	29·834	29·922	29·939	30·082	30·128	30·134	30·176	30·115	30·090	30·064	29·956	29·880	30·027
1895	29·877	29·898	30·038	30·106	30·168	30·068	30·136	30·086	30·105	30·066	30·012	29·938	30·042
1896	29·810	29·876	29·901	30·092	30·146	30·061	30·125	30·154	30·149	30·096	29·966	29·946	30·027
1897	29·908	29·927	29·996	30·078	30·128	30·050	30·168	30·176	30·104	30·084	29·996	29·908	30·044
1898	29·900	29·806	29·915	30·104	30·075	30·084	30·133	30·046	30·089	30·028	29·982	29·908	30·006
1899	29·875	29·902	29·916	30·037	30·148	30·056	30·132	30·171	30·122	30·012	30·028	29·964	30·030
Mean for 13 years	29·890	29·898	29·979	30·078	30·110	30·103	30·150	30·127	30·103	30·069	29·999	29·940	30·037

Mean Monthly Temperature.

1880	79·8	74·1	72·2	67·4	64·2	58·0	57·4	59·6	62·2	61·6	67·4	70·0	66·2
1881	72·5	75·6	76·2	69·4	63·6	58·5	59·3	59·6	62·4	65·4	68·0	73·5	67·0
1882	72·2	75·2	70·9	67·4	61·1	56·8	56·8	57·4	60·4	63·7	66·8	71·7	65·0
1883	71·4	77·6	70·2	69·0	65·1	62·4	58·0	56·7	59·0	63·3	66·0	70·0	65·7
*1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	71·1	72·8	71·2	68·0	62·8	61·1	59·1	58·9	58·9	64·2	72·0	76·8	66·4
1886	76·8	79·9	76·0	70·3	66·0	61·4	61·0	59·8	61·4	60·6	69·5	75·6	68·2
1887	74·0	77·3	75·4	70·0	64·4	60·2	58·0	59·2	59·8	63·3	70·6	73·0	67·1
1888	74·9	74·9	80·4	69·3	63·4	61·8	58·4	58·2	60·8	66·4	70·1	73·2	67·6
1889	74·2	72·8	75·5	71·3	63·8	59·8	58·6	59·4	62·0	63·0	65·9	70·8	66·4
1890	74·1	73·4	72·0	71·4	64·2	58·4	56·2	58·4	60·2	63·0	68·2	72·0	66·0
*1891	72·5	73·2	73·0	68·4	62·6	—	—	—	—	63·8	70·3	68·2	—
1892	72·4	76·8	72·6	69·6	63·9	58·4	58·2	58·6	60·1	60·6	64·4	69·6	65·4
1893	75·7	74·4	73·4	66·7	61·4	57·5	59·3	59·6	61·4	64·2	67·0	69·7	65·9
1894	78·2	77·2	72·8	67·2	63·4	60·8	59·0	60·8	61·6	65·3	71·6	73·9	67·6
1895	70·2	72·0	75·4	68·1	62·1	62·0	60·2	62·2	61·8	65·6	72·2	71·1	66·9
1896	75·5	75·4	69·6	65·5	64·3	62·5	57·2	59·7	62·2	63·6	68·0	69·4	66·1
1897	74·6	73·1	70·7	69·8	64·8	61·8	62·0	59·7	62·0	62·6	67·7	73·8	66·9
*1898	73·2	77·2	75·0	—	65·4	58·6	60·3	60·8	62·5	63·8	67·6	71·5	—
1899	74·4	74·2	73·1	67·8	63·5	60·4	59·6	59·8	61·2	65·4	65·6	71·8	66·4
Mean for 17 years	74·2	75·1	73·4	68·7	63·6	60·1	58·7	59·3	61·0	63·6	68·3	72·1	66·5

Highest Temperature in Month.

1880	104·7	96·7	91·7	86·7	79·7	72·7	70·2	70·7	88·7	74·7	84·7	93·0	104·7
1881	104·7	99·7	99·7	89·7	81·2	72·0	71·0	78·0	81·5	87·0	89·0	94·0	104·7
1882	101·0	110·0	98·0	85·0	82·0	71·0	69·0	69·0	72·0	92·0	94·0	99·0	110·0
1883	104·0	103·0	94·0	91·0	84·0	78·0	72·0	73·0	83·0	85·0	100·0	88·0	104·0
1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	101·0	101·0	104·0	89·0	77·0	72·0	76·0	75·0	74·0	85·0	103·0	110·0	110·0
1886	105·0	103·0	103·0	90·0	88·0	76·0	75·0	75·0	79·0	100·0	100·0	104·0	105·0
1887	107·0	108·0	103·0	93·0	80·0	76·0	72·0	73·0	76·0	92·0	101·0	101·0	108·0
1888	103·0	103·0	109·0	85·0	79·0	76·0	73·0	73·0	81·0	98·0	101·0	109·0	109·0
1889	102·0	92·0	101·0	92·0	80·0	73·0	73·0	82·0	80·0	83·0	80·0	96·0	102·0
1890	109·0	98·0	97·0	98·0	80·0	75·0	70·0	70·0	77·0	77·0	91·0	101·0	109·0
1891	108·0	94·0	97·0	94·0	78·0	—	—	—	—	87·0	102·0	82·0	108·0
1892	108·0	107·0	98·0	92·0	85·0	76·0	71·0	75·0	83·0	81·0	88·0	102·0	108·0
1893	101·0	100·0	103·0	87·0	80·0	74·0	72·0	76·0	78·0	81·0	97·0	102·0	103·0
1894	108·0	102·0	107·0	91·0	93·0	79·0	75·0	74·0	81·0	98·0	105·0	105·0	108 0
1895	98·0	106·0	101·0	100·0	82·0	82·0	74·0	77·0	80·0	87·0	102·0	99·0	106·0
1896	115·0	106·0	93·0	95·0	79·0	84·0	72·0	74·0	86·0	81·0	95·0	102·0	115·0
1897	106·0	98·5	97·5	99·0	78·8	74·5	81·0	81·0	83·2	95·0	96·0	107·0	107·0
1898	110·0	110·2	101·0	—	89·0	72·2	77·0	78·1	93·8	87·5	102·5	100·1	110·2
1899	106·0	99·0	101·0	92·5	86·9	74·2	77·7	75·5	92·0	92·0	88·8	110·0	110·0
Highest ...	115·0	110·2	109·0	100·0	93·0	84·0	81·0	82·0	93·8	100·0	105·0	110·0	115·0

* Not included in mean. — Signifies "no record,"

GERALDTON.

Lowest Temperature in Month.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1880	60·5	58·5	54·5	49·5	45·5	41·5	40·0	43·0	43·2	45·5	50·0	52·0	40·0
1881	54·2	57·5	53·5	51·8	46·2	41·0	43·2	44·2	43·0	50·0	52·0	55·0	41·0
1882	56·0	58·0	53·0	54·0	41·0	39·0	43·0	43·0	45·0	44·0	51·0	57·0	39·0
1883	56·0	60·0	53·0	51·0	47·0	47·0	44·0	40·0	41·0	42·0	51·0	55·0	40·0
1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	50·0	54·0	50·0	45·0	46·0	45·0	40·0	41·0	41·0	47·0	45·0	57·0	40·0
1886	55·0	62·0	59·0	52·0	43·0	46·0	46·0	40·0	40·0	42·0	49·0	54·0	40·0
1887	54·0	51·0	50·0	46·0	45·0	42·0	35·0	42·0	41·0	43·0	50·0	50·0	35·0
1888	54·0	58·0	57·0	51·0	48·0	43·0	42·0	40·0	40·0	43·0	51·0	51·0	40·0
1889	51·0	56·0	56·0	52·0	43·0	45·0	40·0	42·0	43·0	43·0	46·0	52·0	40·0
1890	52·0	57·0	53·0	53·0	46·0	41·0	42·0	44·0	44·0	43·0	48·0	51·0	41·0
1891	55·0	53·0	51·0	51·0	45·0	—	—	—	—	45·0	51·0	54·0	—
1892	53·0	53·0	55·0	49·0	45·0	43·0	41·0	40·0	40·0	40·0	45·0	50·0	40·0
1893	53·0	52·0	52·0	45·0	40·0	35·0	38·0	38·0	42·0	43·0	45·0	49·0	35·0
1894	55·0	52·0	48·0	43·0	40·0	40·0	39·0	46·0	44·0	49·0	50·0	57·0	39·0
1895	50·0	55·0	54·0	47·0	41·0	45·0	44·0	48·0	45·0	48·0	50·0	54·0	41·0
1896	51·0	53·0	50·0	42·0	45·0	47·0	37·0	40·0	43·0	45·0	53·0	54·0	37·0
1897	58·0	51·0	54·0	45·5	50·0	35·0	46·0	39·5	45·2	43·0	45·0	50·0	35·0
1898	51·0	56·0	50·1	—	48·3	38·2	41·0	44·8	44·0	43·6	48·0	54·1	38·2
1899	55·4	59·0	53 0	48·5	39·5	44·0	39·2	43·0	40·5	49·0	47·0	53·0	39·2
Lowest ...	50·0	51·0	48·0	42·0	39·5	35·0	35·0	38·0	40·0	40·0	45·0	49·0	35·0

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

*1880	13	2	1	...	...	...	1	...	...	...	...	—	
*1881	6	7	10	...	...	...	...	...	...	...	—	—	
1882	3	4	2	...	...	1	...	...	...	1	2	6	
1883	2	9	4	5	...	..	...	2	...	...	1	...	
*1884	—	—	—	—	—	—	—	—	—	—	—	—	
1885	3	7	8	...	...	...	2	...	...	...	8	10	
1886	11	21	8	2	...	...	...	1	1	1	3	13	
1887	8	10	15	3	...	...	3	...	...	2	6	8	
1888	8	4	18	...	...	...	...	1	1	2	3	4	
1889	8	1	12	1	...	...	1	...	...	...	...	3	
1890	6	4	6	5	...	...	...	...	...	...	1	6	
1891	6	4	12	1	...	...	...	...	...	...	6	...	
1892	4	15	5	2	...	...	...	2	1	...	...	3	
1893	11	8	6	...	1	3	2	4	...	...	2	4	
1894	16	17	10	3	1	1	1	...	...	1	8	7	
1895	6	6	17	3	...	...	...	...	...	...	8	2	
1896	7	13	3	3	...	...	2	2	...	...	1	2	
1897	6	5	4	6	...	1	....	5	...	2	5	13	
*1898	5	9	14	—	...	1	...	...	...	...	3	5	
1899	9	4	6	2	1	...	2	...	...	1	...	7	
Mean for 16 years	7	8	8	2	...	...	1	1	...	1	3	6	

Monthly Rainfall.

1877	...	...	...	340	700	240	490	340	30	...	...	...	2140
1878	...	20	...	70	90	240	530	460	80	10	20	...	1520
1879	50	...	50	...	410	300	450	210	210	180	...	...	1860
1880	10	...	136	200	131	459	251	221	47	26	59	28	1568
1881	35	3	11	158	248	337	215	33	92	13	150	10	1305
1882	...	...	4	140	45	622	383	876	104	126	27	...	2327
1883	...	14	5	40	372	836	272	241	82	67	29	35	1993
1884	2	12	5	85	107	195	222	627	140	53	28	...	1476
1885	...	...	20	143	338	275	655	206	85	101	151	...	1974
1886	...	52	...	130	106	230	398	435	209	8	...	...	1568
1887	...	22	8	26	306	623	570	345	92	47	21	2	2062
1888	11	52	...	102	192	373	114	137	181	89	30	51	1332
1889	2	...	48	283	760	468	352	163	170	97	5	...	2348
1890	...	35	...	10	470	1292	335	173	274	275	2	18	2884
*1891	...	...	10	2	194	132	—	—	—	7	...	1	—
1892	...	1	310	171	292	190	325	455	36	27	31	...	1838
1893	148	37	133	97	262	210	510	192	161	22	25	6	1803
1894	...	52	15	3	147	389	300	117	78	14	1	14	1130
1895	...	36	41	89	64	831	345	232	181	12	1	10	1842
1896	23	...	20	6	83	473	386	109	29	9	5	...	1143
1897	...	8	...	6	112	469	179	176	80	53	4	19	1106
1898	82	37	...	10	251	426	169	434	105	60	10	2	1586
1899	...	1	2	213	274	703	437	205	76	168	6	2	2087
Mean for 22 years	16	17	37	106	262	463	359	290	116	66	27	9	1768

* Not included in mean. ... Signifies "*nil.*" — Signifies "no record."

GERALDTON.

Monthly number of Wet Days.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1880	1	...	4	9	8	9	7	16	6	4	6	3	73
1881	3	1	1	5	9	10	9	6	5	2	3	2	56
1882	...	...	1	11	7	7	11	15	4	3	2	...	61
1883	...	3	1	4	13	15	9	11	5	6	2	2	71
1884	1	1	1	3	5	8	5	17	7	4	3	...	55
1885	...	...	1	4	17	6	13	9	4	3	3	...	60
1886	...	3	...	2	5	7	13	13	7	1	...	...	51
1887	...	2	1	3	7	11	14	12	7	4	3	1	65
1888	1	4	...	8	9	14	7	9	9	5	3	4	73
1889	1	...	4	4	14	18	11	11	9	7	1	...	80
1890	...	2	...	1	13	17	9	10	9	9	1	2	73
1891	...	...	1	2	9	4	—	—	—	3	...	1	—
1892	...	1	3	4	11	12	10	20	7	5	2	...	75
1893	3	3	5	8	9	11	19	10	10	5	3	2	88
1894	...	3	2	1	6	8	6	10	5	3	1	3	48
1895	...	2	1	5	5	12	16	10	9	1	1	3	65
1896	2	...	4	2	—	11	15	4	—	—	2	...	—
1897	...	2	...	4	5	14	10	10	5	3	1	2	56
1898	3	5	...	2	12	13	10	18	8	9	1	2	83
1899	...	1	1	11	9	16	15	10	6	12	2	2	85

... Signifies "*nil.*" — Signifies "no record."

HALL'S CREEK.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1898	—	—	—	—	—	—	—	—	—	—	—	—	—
1899	—	—	—	—	—	—	—	—	—	—	—	29·828	—

Mean Monthly Temperature.

1898	83·8	78·2	82·0	76·8	68·6	—	—	—	—	82·7	86·2	87·8	—
1899	81·2	84·3	81·4	76·2	66·2	65·6	60·0	64·8	77·4	82·2	90·4	86·0	76·3

Highest Temperature in Month.

1898	110·0	109·0	100·0	94·0	89·0	87·8	88·6	94·2	99·8	104·0	109·0	109·2	110·0
1899	104·5	103·6	97·8	98·0	92·6	87·0	84·9	90·0	97·2	101·0	109·4	106·8	109·4

Lowest Temperature in Month.

1898	50·0	48·0	62·0	51·0	39·3	—	—	—	—	52·2	63·4	60·0	—
1899	61·2	61·3	67·0	47·6	36·4	33·1	35·0	38·8	42·2	55·6	62·0	67·0	33·1

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1898	31	28	19	13	1	—	—	—	—	26	25	24	
1899	22	26	18	22	6	2	10	2	...	29	30	28	

Monthly Rainfall.

*1890	—	—	—	—	—	—	—	—	...	44	23	102	—
1891	335	160	95	156	6	...	...	...	...	8	72	295	1127
1892	122	330	368	...	...	...	2	...	1	210	176	185	1394
1893	559	603	161	190	177	8	...	8	1	32	59	490	2288
1894	543	960	383	1	...	...	...	2	21	94	18	182	2204
1895	687	724	10	74	255	8	316	...	...	...	356	354	2784
1896	1295	178	535	204	114	...	77	...	...	38	145	464	3050
1897	238	654	114	...	...	23	2	...	...	16	12	313	1372
1898	355	860	533	20	6	...	...	...	75	11	120	667	2647
1899	717	268	645	...	...	101	...	...	...	31	11	523	2296
Mean for 9 years.	539	526	316	72	62	16	44	1	11	49	108	385	2129

Monthly number of Wet Days.

1890	—	—	—	—	—	—	—	—	...	6	5	7	—
1891	9	4	3	1	1	...	...	...	...	5	7	11	41
1892	8	14	13	...	...	...	2	...	1	5	13	14	70
1893	16	11	13	16	4	4	...	3	1	6	7	18	99
1894	14	16	10	1	...	...	...	2	3	8	8	12	74
1895	16	15	6	2	5	1	13	...	...	...	5	5	68
1896	11	9	7	4	2	...	2	...	...	7	—	—	—
1897	—	—	—	...	...	1	1	...	...	1	2	7	—
1898	5	18	10	2	2	...	...	...	4	2	7	10	60
1899	11	9	15	...	...	2	...	...	...	3	2	10	52

* Not included in mean. ... Signifies "*nil.*" — Signifies "no record."

NULLAGINE.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1898	—	—	—	—	—	—	—	—	—	—	—	—	—
1899	—	—	—	—	—	—	—	—	30·000	29·928	29·849	29·818	—

Mean Monthly Temperature.

1898	—	—	—	—	—	—	—	—	—	78·0	84·2	88·3	—
1899	84·5	85·6	80·7	75·2	64·6	59·8	57·8	62·6	73·5	76·2	86·4	88·0	74·6

Highest Temperature in Month.

1898	—	—	—	—	—	—	—	—	—	107·0	109·0	111·5	—
1899	107·0	107·8	101·0	96·2	88·5	79·8	79·5	88·8	96·5	99·5	111·8	111·2	111·8

Lowest Temperature in Month.

1898	—	—	—	—	—	—	—	—	—	45·0	52·0	63·0	—
1899	65·2	66·0	61·5	51·8	38·0	37·5	33·0	36·0	39·8	47·0	56·0	64·0	33·0

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1898	—	—	—	—	—	—	—	—	—	25	30	28	
1899	26	26	20	18	4	6	12	5	1	24	30	31	

Monthly Rainfall.

1897	—	—	—	—	—	200	...	...	...	...	2	285	—
1898	261	210	205	513	77	71	...	...	...	...	15	82	1434
1899	1175	173	582	...	...	172	...	20	...	...	...	215	2337

Monthly number of Wet Days.

1897	—	—	—	—	—	1	...	...	...	...	1	7	—
1898	7	3	3	4	2	3	...	...	...	...	2	4	28
1899	5	5	6	...	...	2	...	1	...	...	...	2	21

... Signifies "*nil.*" — Signifies "no record."

BANGEMALL.

Mean Monthly Temperature.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1898	—	—	—	—	67·4	58·1	63·0	64·7	70·2	74·1	85·2	89·7	—
1899	91·5	88·6	86·8	77·1	66·2	59·1	59·2	63·5	71·4	74·3	82·3	90·8	75·9

Highest Temperature in Month.

1898	—	—	—	—	86·1	79·1	87·0	89·9	95·9	100·6	109·0	111·2	—
1899	111·0	111·5	106·0	96·9	86·3	80·0	81·4	87·1	95·0	100·9	110·4	112·2	112·2

Lowest Temperature in Month.

1898	—	—	—	—	41·2	33·2	34·5	41·4	45·2	51·6	57·5	62·8	33·2
1899	68·3	65·8	65·3	52·0	45·6	37·5	35·1	44·8	50·1	50·8	56·3	65·1	35·1

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1898	—	—	—	—	...	6	2	...	...	14	26	30	
1899	30	26	28	18	...	2	4	...	...	14	24	31	

Monthly Rainfall.

1898	—	—	—	—	—	39	1	53	...	8	2	...	—
1899	...	270	156	27	...	265	...	55	...	...	...	...	773

Monthly number of Wet Days.

1898	—	—	—	—	—	5	1	2	...	2	1	...	—
1899	...	6	2	3	...	8	...	3	...	...	...	...	22

... Signifies "nil." — Signifies "no record."

PEAK HILL.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1898	—	—	—	—	—	—	—	—	—	—	—	29·734	—
1899	29·744	29·789	29·805	29·980	30·115	30·096	30·157	30·140	30·014	29·924	29·846	29·812	29·952

Mean Monthly Temperature.

1898	—	—	—	—	—	—	—	—	—	—	82·0	87·5	—
1899	85·2	85·5	81·8	72·8	61·6	55·5	55·0	58·2	67·9	71·2	80·5	87·2	71·9

Highest Temperature in Month.

1898	—	—	—	—	—	—	—	—	—	—	106·0	109·1	—
1899	108·1	111·8	102·4	92·8	83·9	75·2	78·3	81·9	88·4	93·7	106·5	109·0	111·8

Lowest Temperature in Month.

1898	—	—	—	—	—	—	—	—	—	—	54·8	63·2	—
1899	58·6	60·7	58·1	49·4	41·7	38·4	37·0	40·2	45·0	48·1	52·3	63·0	37·0

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1898	—	—	—	—	—	—	—	—	—	—	25	31	
1899	26	20	20	8	...	1	8	...	...	6	21	29	

Monthly Rainfall.

1898	...	39	...	...	3	87	11	34	...	...	...	1	175
1899	14	294	454	67	...	161	...	42	...	4	1	31	1068

Monthly number of Wet Days.

1898	...	3	...	...	1	9	1	4	...	...	...	1	19
1899	3	7	1	1	...	10	...	3	...	3	1	2	31

... Signifies "*nil.*" — Signifies "no record."

CUE.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1897	29·822	29·856	29·928	30·051	30·138	30·084	30·204	30·163	30·079	29·990	29·892	29·803	30·001
1898	29·766	29·720	29·844	30·090	30·100	30·110	30·161	30·065	30·048	29·974	29·872	29·774	29·960
1899	29·790	29·800	29·833	29·995	30·146	30·090	30·167	30·175	30·068	29·956	29·905	29·867	29·983
Mean for 3 Years.	29·793	29·792	29·868	30·045	30·128	30·095	30·177	30·134	30·065	29·973	29·890	29·815	29·981

Mean Monthly Temperature.

1897	89·4	83·3	80·0	73·9	64·9	58·4	56·9	57·0	64·3	67·8	78·0	83·6	71·5
1898	90·0	86·3	82·2	72·4	62·8	52·6	57·4	59·4	64·3	67·0	78·8	84·5	71·5
1899	85·8	87·0	82·6	71·6	60·2	54·9	55·1	57·2	65·0	68·4	77·0	85·6	70·9
Mean for 3 Years.	88·4	85·5	81·6	72·6	62·6	55·3	56·5	57·9	64·5	67·7	77·9	84·6	71·3

Highest Temperature in Month.

1897	112·0	109·0	104·0	101·0	91·0	77·0	75·3	83·5	93·2	96·0	105·5	112·0	112·0
1898	113·0	111·4	106·9	99·0	82·5	70·0	78·2	86·0	87·8	93·0	108·2	110·1	113·0
1899	108·9	113·1	108·2	96·8	83·6	74·6	75·2	82·0	90·0	93·6	108·2	111·1	113·1
Highest ...	113·0	113·1	108·2	101·0	91·0	77·0	78·2	86·0	93·2	96·0	108·2	112·0	113·1

Lowest Temperature in Month.

1897	66·0	57·0	54·0	41·0	40·0	37·0	38·0	31·0	41·0	41·5	52·0	50·5	31·0
1898	63·5	57·5	57·5	52·0	43·5	34·0	37·5	42·0	41·0	43·0	50·4	60·2	34·0
1899	54·8	61·2	49·5	41·2	35·9	37·2	35·0	37·0	40·5	44·8	48·9	59·2	35·0
Lowest ...	54·8	57·0	49·5	41·0	35·9	34·0	35·0	31·0	40·5	41·5	48·9	50·5	31·0

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1897	31	25	26	11	1	3	1	7	...	8	21	26	
1898	31	23	28	4	...	8	3	...	...	3	23	29	
1899	28	23	27	10	1	4	8	5	...	3	21	27	
Mean for 3 Years.	30	24	27	8	1	5	4	4	...	5	22	27	

Monthly Rainfall.

1895	...	75	19	29	...	142	17	24	13	...	11	...	330
1896	199	193	266	...	...	64	60	3	...	...	...	13	798
1897	16	28	25	17	43	352	70	3	10	10	...	84	658
1898	...	66	...	...	4	232	41	131	12	37	...	11	534
1899	3	56	10	...	3	191	17	10	17	35	4	...	346
Mean for 5 Years.	44	84	64	9	10	195	41	34	12	16	3	21	533

Monthly number of Wet Days.

1895	...	2	2	4	...	7	2	2	2	...	2	...	23
1896	5	5	6	...	...	—	—	—	...	...	...	—	—
1897	2	5	1	3	2	9	4	1	1	1	...	3	32
1898	...	3	...	...	2	7	4	8	1	2	...	2	29
1899	1	3	1	...	1	10	5	1	4	3	1	...	30

... Signifies "*nil*." — Signifies "no record."

YALGOO.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1897	29·816	29·860	28·942	30·058	30·132	30·068	30·201	30·169	30·084	30·016	29·914	29·822	30·007
1898	29·790	29·744	29·874	30·106	30·100	30·102	30·144	30·050	30·063	29·984	29·894	29·803	29·971
1899	29·806	29·805	29·855	30·004	30·148	30·079	30·154	30·180	30·090	29·970	29·936	29·888	29·993
Mean for 3 years.	29·804	29·803	29·890	30·056	30·127	30·083	30·166	30·133	30·079	29·990	29·915	29·838	29·990

Mean Monthly Temperature.

1897	86·0	80·2	77·4	72·8	62·8	57·6	55·0	54·3	62·0	65·4	76·1	80·3	69·2
1898	87·2	83·8	79·6	70·9	61·6	51·9	55·2	58·0	63·1	65·6	75·2	80·8	69·4
1899	83·4	85·0	79·8	69·8	59·2	55·2	53·3	55·8	62·4	67·3	74·8	83·4	69·1
Mean for 3 years	85·5	83·0	78·9	71·2	61·2	54·9	54·5	56·0	62·5	66·1	75·4	81·5	69·2

Highest Temperature in Month.

1897	110·5	111·0	103·0	102·5	92·2	75·0	73·0	83·5	93·6	98·0	105·8	113·5	113·5
1898	110·2	111·0	103·2	96·5	81·0	69·0	78·0	85·3	90·5	92·0	107·7	111·0	111 0
1899	110·0	111·3	107·7	97·8	83·0	73·0	74·6	82·2	89·2	92·8	105·8	111·2	111·3
Highest.	110·5	111·3	107·7	102·5	92·2	75·0	78·0	85·3	93·6	98·0	107·7	113·5	113·5

Lowest Temperature in Month.

1897	60·5	56·0	52·0	44·0	41·0	38·0	37·0	31·5	39·0	41·0	51·0	52·3	31·5
1898	60·0	56·0	56·0	51·0	41·0	33·8	32·0	39·0	39·8	42·0	48·0	56·0	32·0
1899	54·0	57·7	48·6	42·3	40·3	36·0	33·2	36·2	41·0	45·8	47·3	54·2	33·2
Lowest.	54·0	56·0	48·6	42·3	40·3	33·8	32·0	31·5	39·0	41·0	47·3	52·3	31·5

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1897	31	18	18	14	...	3	8	12	4	3	17	22	
1898	31	21	26	6	...	11	13	5	1	2	20	25	
1899	26	25	21	7	...	7	12	9	...	4	17	27	
Mean for 3 years.	29	21	22	9	...	7	11	9	2	3	18	25	

Monthly Rainfall.

*1896	—	—	—	—	—	—	—	—	—	11	31	21	—
1897	10	152	177	2	67	328	267	49	18	25	11	30	1136
1898	4	153	...	...	115	197	35	161	7	147	6	...	825
1899	15	12	...	41	17	226	75	36	81	76	...	...	579
Mean for 3 years	10	106	59	14	66	250	125	82	35	83	6	10	847

Monthly number of Wet Days.

1896	—	—	—	—	—	—	—	—	—	1	2	—	—
1897	3	4	3	1	4	14	6	4	2	3	2	1	47
1898	1	3	...	...	7	11	5	13	1	4	2	...	47
1899	1	1	...	2	4	14	9	5	5	7	...	...	48

* Not included in mean. ... Signifies "*nil.*" — Signifies "no record."

LAWLERS.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1897	—	—	—	—	—	—	—	—	—	—	—	—	—
1898	29·769	29·771	29·890	30·121	30·148	30·114	30·174	30·074	30·034	29·940	29·876	29·776	29·974
1899	29·848	29·848	29·875	30·008	30·165	30·091	30·192	30·208	30·094	29·948	29·909	29·872	30·005

Mean Monthly Temperature.

1897	—	—	—	—	—	—	—	—	—	—	—	84·0	—
1898	89·3	83·5	79·3	69·0	59·4	50·8	56·0	59·2	63·7	67·3	77·0	84·5	69·9
1899	81·0	83·8	79·0	70·2	58·2	53·8	52·8	55·2	63·4	68·6	76·2	84·4	68·9

Highest Temperature in Month.

1897	—	—	—	—	—	—	—	—	—	—	—	112·3	—
1898	112·7	107·1	105·1	92·8	79·1	74·6	78·0	84·8	86·7	95·3	104·0	108·3	112·7
1899	106·1	111·1	103·8	93·4	82·0	74·2	74·0	82·4	90·1	94·7	105·2	109·0	111·1

Lowest Temperature in Month.

1897	—	—	—	—	—	—	—	—	—	—	—	50·7	—
1898	58·7	51·8	59·8	50·2	40·2	34·4	33·2	38·8	42·1	41·2	45·5	60·0	33·2
1899	53·1	58·8	46·8	39·4	37·2	35·3	32·0	33·2	38·8	45·3	49·1	59·0	32·0

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1897	—	—	—	—	—	—	—	—	—	—	—	—
1898	31	21	22	1	...	13	8	4	...	3	17	26
1899	21	21	19	8	6	4	10	7	2	3	15	26

Monthly Rainfall.

*1896	—	—	325	10	8	57	52	11	8	3	16	78	—
1897	11	15	43	11	86	279	30	59	23	...	10	43	610
1898	...	30	...	1	72	197	2	75	2	14	2	2	397
1899	24	254	1	3	3	127	19	42	6	33	65	39	616
Mean for 3 years	12	100	15	5	54	200	17	58	10	16	26	28	541

Monthly number of Wet Days.

1896	—	—	8	1	3	3	8	1	1	3	6	6	—
1897	2	3	3	3	6	7	3	7	3	...	4	5	46
1898	...	4	...	1	8	9	1	12	1	3	1	2	42
1899	5	5	1	1	2	11	3	6	2	7	3	2	48

* Not included in mean. ... Signifies "*nil.*" — Signifies "no record."

MENZIES.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1897	29·872	29·921	30·000	30·090	30·167	30·090	30·234	30·127	30·036	29·951	29·882	29·818	30·016
1898	29·778	29·810	29·905	30·176	30·166	30·100	30·166	30·074	30·055	29·950	29·909	29·815	29·992
1899	29·884	29·873	29·904	30·003	30·168	30·110	30·179	30·219	30·120	29·950	29·937	29·904	30·021
Mean for 3 years	29·845	29·868	29·936	30·090	30·167	30·100	30·193	30·140	30·070	29·950	29·909	29·846	30·010

Mean Monthly Temperature.

1897	82·6	77·1	73·7	68·4	59·6	55·4	53·3	53·7	61·4	65·9	76·8	78·3	67·2
1898	85·7	78·8	76·3	66·3	58·4	50·6	54·8	57·9	63·0	65·5	74·2	81·2	67·7
1899	78·0	82·0	76.6	68·2	57·7	53·4	52·6	55·0	60·2	66·4	73·2	81·2	67·0
Mean for 3 years	82·1	79·3	75·5	67·6	58·6	53·1	53·6	55·5	61·5	65·9	74·7	80·2	67·3

Highest Temperature in Month.

1897	107·0	104·0	98·2	98·0	89·0	74·0	75·2	82·1	92·1	95·1	105·0	110·9	110·9
1898	113·2	109·1	105·0	94·0	78·5	68·9	77·0	83·8	87·0	94·0	103·8	109·1	113·2
1899	104·1	111·5	103·3	94·0	84·5	73·6	72·0	81·0	88·5	92·1	103·1	109·4	111·5
Highest ...	113·2	111·5	105·0	98·0	89·0	74·0	77·0	83·8	92·1	95·1	105·0	110·9	113·2

Lowest Temperature in Month.

1897	58·5	50·5	49·0	37·0	35·0	33·8	33·0	31·0	33·5	43·9	49·8	50·2	31·0
1898	57·8	47·8	56·1	48·0	38·1	34·0	35·0	39·0	42·1	41·1	48·0	56·1	34·0
1899	48·0	56·0	46·0	39·2	32·1	36·0	32·0	35·0	34·0	43·8	47·0	55·0	32·0
Lowest ...	48·0	47·8	46·0	37·0	32·1	33·8	32·0	31·0	33·5	41·1	47·0	50·2	31·0

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1897	24	15	13	7	5	6	12	10	2	4	18	21	
1898	30	16	14	1	1	10	11	1	...	2	15	23	
1899	18	19	14	5	4	3	6	8	2	2	10	23	
Mean for 3 years	24	17	14	4	3	6	10	6	1	3	14	22	

Monthly Rainfall.

*1896	—	—	—	...	2	5	38	2	6	10	62	64	—
1897	3	13	2	2	6	247	43	44	25	20	4	43	452
1898	...	93	...	3	35	192	8	92	2	13	5	2	445
1899	...	64	10	...	12	146	32	21	35	138	28	...	486
Mean for 3 years	1	57	4	2	18	194	28	52	21	57	12	15	461

Monthly number of Wet Days.

1896	—	—	—	...	1	2	2	1	1	1	3	5	—
1897	1	2	2	2	1	11	5	6	2	1	1	4	38
1898	...	4	...	2	2	8	1	6	1	2	1	1	28
1899	...	5	1	...	3	8	4	3	3	3	2	...	32

* Not included in mean. ... Signifies "*nil*." — Signifies "no record."

KALGOORLIE.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1897	29·897	29·943	30·024	30·084	30·180	30·066	30·230	30·155	30·068	29·973	29·914	29·892	30·036
1898	29·846	29·844	29·944	30·177	30·159	30·065	30·126	30·052	30·039	29·906	29·916	29·845	29·993
1899	29·946	29·920	29·952	30·038	30·165	30·126	30·199	30·242	30·161	29·976	29·974	29·940	30·053
Mean for 3 years	29·896	29·902	29·973	30·100	30·168	30·086	30·185	30·149	30·089	29·952	29·935	29·892	30·027

Mean Monthly Temperature.

1897	79·4	74·9	71·4	67·8	58·9	55·2	53·8	53·6	61·5	65·2	74·6	76·2	66·0
1898	82·0	76·6	74·0	64·2	58·2	50·4	54·3	57·4	62·1	65·1	71·9	77·0	66·1
1899	75·0	80·0	74·7	66·4	57·1	53·4	52·7	54·8	59·2	64·8	70·8	78·8	65·6
Mean for 3 years	78·8	77·2	73·4	66·1	58·1	53·0	53·6	55·3	60·9	65·0	72·4	77·3	65·9

Highest Temperature in Month.

1897	105·0	103·0	98·4	95·4	88·1	73·2	74·0	82·0	90·8	90·2	103·0	109·2	109·2
1898	112·4	109·0	104·0	90·6	77·4	76·4	76·2	80·2	86 2	92·4	103·2	109·1	112·4
1899	101·8	112·0	103·0	94·0	81·1	71·0	70·2	80·7	84·7	91·0	101·0	110·0	112·0
Highest ...	112·4	112·0	104·0	95·4	88·1	76·4	76·2	82·0	90·8	92·4	103·2	110·0	112·4

Lowest Temperature in Month.

1897	55·0	49·0	51·0	38·8	37·0	36·2	33·2	34·0	37·2	41·0	48·0	49·4	33·2
1898	55·0	48·2	54·2	45·0	39·0	34·0	34·2	34·0	43·2	42·2	47·2	54·0	34·0
1899	47·1	52·8	47·5	39·4	34·5	39·4	34·9	36·8	34·9	41·8	48·0	49·0	34·5
Lowest ...	47·1	48·2	47·5	38·8	34·5	34·0	33·2	34·0	34·9	41·0	47·2	49·0	33·2

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1897	21	13	11	4	2	5	7	9	3	1	16	18	
1898	25	13	9	1	2	10	10	2	...	2	10	17	
1899	16	18	11	3	3	1	5	6	2	1	8	21	
Mean for 3 years	21	15	10	3	2	5	7	6	2	1	11	19	

Monthly Rainfall.

1896	68	...	479	...	...	32	169	25	12	...	41	128	954
1897	38	2	52	20	10	126	22	65	41	11	6	82	475
1898	2	36	...	15	74	285	43	221	...	6	8	28	718
1899	16	105	...	8	71	197	96	41	51	314	63	35	997
Mean for 4 years	31	36	133	11	36	160	83	88	26	84	30	68	786

Monthly number of Wet Days.

1896	4	...	—	...	...	3	11	4	2	...	6	5	—
1897	2	1	6	1	1	14	3	9	5	2	1	4	49
1898	1	3	...	3	7	11	4	10	...	1	1	2	43
1899	1	6	...	1	3	10	6	5	5	6	4	1	48

... Signifies "*nil.*" — Signifies "no record."

COOLGARDIE.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1897	—	—	—	—	—	—	—	—	—	—	—	29·934	—
1898	29·852	29·852	29·952	30·180	30·165	30·060	30·126	30·054	30·044	29·914	29·923	29·853	29·998
1899	29·917	29·896	29·928	30·014	30·173	30·108	30·170	30·226	30·144	29·964	29·957	29·907	30·034

Mean Monthly Temperature.

1897	78·6	74·0	71·6	67·6	59·0	53·4	53·8	52·6	61·2	65·4	74·5	75·6	65·6
1898	81·4	75·9	74·2	63·6	57·4	49·7	52·8	56·5	61·3	64·0	71·0	76·5	65·4
1899	74·0	79·4	73·5	66·1	57·1	52·9	52·2	54·5	58·2	64·1	70·4	78·8	65·1
Mean for 3 years	78·0	76·4	73·1	65·8	57·8	52·0	52·9	54·5	60·2	64·5	72·0	77·0	65·4

Highest Temperature in Month.

1897	104·3	104·6	98·4	96·1	88·4	71·2	74·0	81·0	92·0	91·0	105·0	109·2	109·2
1898	112·2	107·2	104·2	91·2	78·1	74·0	75·3	80·2	86·6	91·9	103·2	108·1	112·2
1899	102·0	112·9	104·0	95·8	83·1	70·2	71·2	81·0	85·8	91·1	101·4	110·2	112·9
Highest ...	112·2	112·9	104·2	96·1	88·4	74·0	75·3	81·0	92·0	91·9	105·0	110·2	112·9

Lowest Temperature in Month.

1897	53·0	47·4	50·0	39·1	38·2	31·5	36·5	33·0	35·0	41·0	47·3	51·0	31·5
1898	54·0	48·0	53·2	41·2	40·8	35·0	34·4	36·0	42·4	40·5	47·6	52·3	34·4
1899	46·0	51·6	46·0	39·6	36·1	38·0	32·8	33·0	36·4	42·0	47·6	49·8	32·8
Lowest ...	46·0	47·4	46·0	39·1	36·1	31·5	32·8	33·0	35·0	40·5	47·3	49·8	31·5

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1897	23	16	11	7	3	9	8	14	4	2	17	21	
1898	28	13	14	1	...	11	9	4	...	2	8	15	
1899	15	15	11	3	2	4	10	6	6	1	8	22	
Mean for 3 years	22	15	12	4	3	8	9	8	3	2	11	19	

Monthly Rainfall.

1893	...	...	64	61	269	115	107	55	39	11	104	180	1005
1894	...	...	42	...	66	26	37	52	14	3	16	98	354
1895	120	29	16	64	187	94	36	67	51	...	15	...	679
1896	61	24	243	...	9	60	160	38	18	...	90	148	851
1897	56	54	10	1	9	104	34	108	29	6	9	131	551
1898	...	27	...	30	59	312	29	178	10	19	16	8	688
1899	11	318	7	...	62	69	60	51	161	185	66	...	990
Mean for 7 years	33	65	55	22	95	112	66	79	46	32	45	81	731

Monthly number of Wet Days.

1893	...	...	2	4	7	9	10	5	7	3	3	6	56
1894	...	...	2	...	5	5	4	5	3	1	2	3	30
1895	2	2	2	3	3	5	6	3	5	...	1	...	32
1896	4	4	8	...	2	6	10	4	2	...	6	6	52
1897	4	5	2	1	3	9	6	10	6	2	1	4	53
1898	...	2	...	3	7	14	4	11	1	4	2	1	49
1899	3	6	2	...	4	7	7	6	7	7	4	...	53

.. Signifies "*nil.*" — Signifies "no record."

SOUTHERN CROSS.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1897	29·888	29·943	29 992	30 072	30·156	30·048	30·194	30·146	30·068	29·994	29·919	29·880	30·025
1898	29·842	29·832	29·943	30·180	30·144	30·072	30·134	30·040	30·042	29·923	29·928	29·853	29·994
1899	29·895	29·876	29·918	30·016	30·160	30·082	30·156	30·207	30·118	29·940	29·954	29·911	30·019
Mean for 3 years.	29·875	29·884	29·951	30·089	30·153	30·067	30·161	30·131	30·076	29·952	29·934	29·881	30·013

Mean Monthly Temperature.

1895	75·0	76·2	74·0	59·8	55·8	52·8	52·1	56·0	55·6	67·6	73·4	77·0	64·6
*1896	80·5	78·8	72·2	—	—	53·6	51·4	54·6	59·0	69·0	74·4	76·7	—
1897	79·7	74·1	71·0	66·6	57·6	54·2	52·2	51·6	58·8	62·0	72·0	75·4	64·6
1898	81·9	77·6	74·2	63·7	57·0	49·6	51·6	54·1	58·8	61·5	69·8	76·6	64·7
1899	75·8	80·0	72·8	63·9	54·9	52·1	50·8	52·6	57·8	64·0	69·8	78·3	64·4
Mean for 4 years	78·1	77·0	73·0	63·5	56·3	52·2	51·7	53·6	57·8	63·8	71·2	76·8	64·6

Highest Temperature in Month.

1895	109·0	110·0	104·0	85·0	76·0	78·0	79·0	79·0	9·0	105·0	105·0	113·0	113·0
1896	115·0	107·0	106·0	86·0	86·0	79·0	73·0	82·0	05·0	107·0	106·0	105·0	115·0
1897	106·0	106·0	101·0	98·0	90·0	69·2	73·2	78·8	88·1	93·6	103·0	111·3	111·3
1898	110·9	110·9	104·3	89·0	79·0	67·6	72·8	80·8	87·1	86·8	103·4	107·1	110·9
1899	104·2	110·8	105·6	95·0	81·2	71·8	71·8	79·1	87·0	88·8	99·8	107·4	110·8
Highest	115·0	110·9	106·0	98·0	90·0	79·0	79·0	82·0	95·0	107·0	106·0	113·0	115·0

Lowest Temperature in Month.

1895	45·0	47·0	46·0	35·0	31·0	28·0	29·0	34·0	35·0	37·0	42·0	48·0	28·0
1896	50·0	52·0	45·0	—	—	32·0	29·0	33·0	31·0	42·0	46·0	50·0	29·0
1897	51·0	46·6	44·2	33·3	32·0	29·3	29·8	27·1	31·3	36·1	45·1	47·4	27·1
1898	48·0	48·7	48·9	38·9	34·9	29·7	27·0	28·0	37·1	36·1	44·1	52·0	27·0
1899	44·0	48·6	40·0	31·7	30·8	32·2	27·2	30·8	31·0	41·8	43·2	49·2	27·2
Lowest	44·0	46·6	40·0	31·7	30·8	28·0	27·0	27·1	31·0	36·1	42·0	47·4	27·0

Number of Days over 90° (October-April, inclusive), and Nights below 40° (May-September).

1895	19	15	16	...	10	20	17	10	12	14	19	22	
1896	27	19	14	...	...	22	20	26	15	13	18	18	
1897	23	13	10	7	9	7	19	17	13	1	14	17	
1898	29	16	16	...	7	13	20	13	8	...	8	21	
1899	20	17	14	3	14	12	16	14	8	...	9	22	
Mean for 5 years	24	16	14	2	8	15	18	16	11	6	14	20	

* Not included in mean. ... Signifies "nil." — Signifies "no record."

SOUTHERN CROSS.

Monthly Rainfall.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1889	59	4	...	46	224	227	170	88	101	59	39	...	1017
*1890	—	—	—	—	—	35	121	73	88	92	53	25	—
1891	...	...	21	3	145	135	100	22	50	24	...	23	523
1892	62	4	417	86	206	41	252	179	79	119	25	40	1510
1893	71	19	128	142	347	144	159	83	70	16	48	177	1404
1894	63	18	108	4	37	46	80	69	42	5	19	21	512
1895	4	10	2	17	81	168	61	155	42	2	...	...	542
1896	73	19	316	...	28	66	225	55	14	15	89	178	1078
1897	11	69	59	4	29	233	68	114	34	6	1	107	735
1898	1	145	...	3	75	251	65	193	14	93	23	...	863
1899	4	12	...	4	12	158	142	55	89	55	226	...	757
Mean for 10 years	35	30	105	31	118	147	132	101	54	39	47	55	894

Monthly number of Wet Days.

1889	2	1	...	1	8	10	7	5	3	4	1	...	42
1890	—	—	—	—	—	2	12	15	15	15	2	10	—
1891	...	...	5	3	9	13	8	9	6	5	...	5	63
1892	6	3	13	7	13	14	19	20	13	12	4	3	127
1893	7	8	12	9	14	9	20	15	15	8	8	7	132
1894	—	—	—	4	5	5	7	5	4	1	4	4	—
1895	2	2	2	4	5	9	9	11	9	1	...	...	54
1896	4	3	9	...	4	7	11	6	3	2	6	3	58
1897	2	2	4	2	4	13	7	7	5	1	1	3	51
1898	1	3	...	1	7	13	6	12	3	6	1	...	53
1899	1	2	...	1	3	12	6	6	6	7	5	...	49

* Not included in mean. ... Signifies "*nil*." — Signifies "no record."

YORK.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
*1880	—	29·888	29·958	30·037	30·073	30·086	30·199	30·067	30·111	30·047	29·976	29·946	—
*1881	29·901	29·983	30·044	30·121	30·091	—	30·201	—	30·143	30·050	29·869	29·848	—
*1882	29·911	29·878	29·969	29·994	30·133	30·155	30·142	30·015	30·100	30·017	29·985	29·895	30·016
*1883	29·926	29·959	30·005	30·050	30·041	30·031	30·202	30·131	30·205	30·079	29·967	29·911	30·042
*1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	29·962	29·953	30·096	30·129	30·062	30·217	30·108	30·084	30·124	30·116	30·018	29·906	30·065
*1886	—	—	—	—	—	—	—	—	—	—	—	—	—
1887	29·890	29·938	30·025	30·114	30·134	30·132	30·146	30·072	30·098	30·085	29·993	29·966	30·049
1888	29·874	29·959	30·071	30·114	30·135	30·107	30·223	30·170	30·110	30·094	29·978	29·949	30·065
1889	29·965	29·908	30·063	30·049	30·040	29·996	30·176	30·121	30·020	30·026	29·884	29·869	30·010
1890	29·852	29·892	30·018	30·070	30·053	30·036	30·164	30·099	30·009	29·892	30·028	29·904	30·001
1891	29·874	29·942	30·014	30·126	30·081	30·118	30.278	30·206	30·153	30·044	30·042	29·936	30·068
1892	29·916	29·945	29·924	30·156	30·152	30·204	30·121	30·006	30·080	30·065	29·939	29·920	30·036
1893	29·875	29·858	30·038	29·962	30·034	30·137	30·054	30·178	30·005	29·993	29·990	29·886	30·001
1894	29·912	30·024	29·992	30·136	30·160	30·121	30·198	30·104	30·098	30·032	29·974	29·898	30·054
1895	29·895	29·956	30·102	30·154	30·216	30·097	30·137	30·025	30·076	30·064	30·028	29·935	30·057
1896	29·869	29·936	29·942	30·117	30·185	30·070	30·108	30·177	30·178	30·072	29·968	29·969	30·049
1897	29·925	29·978	30·017	30·096	30·166	30·061	30·194	30·176	30·105	30·050	29·973	29·926	30·056
1898	29·888	29·853	29·962	30·200	30·131	30·076	30·120	30·024	30·078	29·959	29·986	29·920	30·016
1899	29·936	29·928	29·958	30·046	30·186	30·070	30·143	30·205	30·147	29·966	30·019	29·966	30·048
Mean for 14 years	29·902	29·934	30·016	30·105	30·124	30·103	30·155	30·118	30·092	30·033	29·987	29·925	30·041

Mean Monthly Temperature.

1880	82·4	80·6	65·5	63·0	58·0	50·0	49·4	53·4	56·4	60·6	68·0	75·0	63·5
1881	74·4	76·8	73·9	66·4	57·0	50·0	50·6	51·0	56·0	64·6	69·7	73·7	63·7
1882	77·6	78·2	70·9	63·6	55·8	50·5	50·0	52·1	56·3	62·0	68·6	75·6	63·4
1883	76·6	73·8	70·4	65·1	58·4	56·2	51·4	50·4	53·7	61·2	66·4	72·5	63·0
*1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	75·7	75·2	70·8	63·2	56·4	52·3	52·9	52·3	54·5	62·1	68·7	75·8	63·3
*1886	—	—	—	—	—	—	—	—	—	—	—	—	—
1887	75·0	73·2	70·9	60·9	55·2	50·4	49·8	51·4	55·1	61·8	70·4	75·1	62·4
1888	78·4	78·0	76·2	67·2	56·8	53·6	50·8	50·6	56·6	63·8	72·2	77·2	65·1
1889	76·2	80·0	73·8	66·4	55·8	51·4	48·6	50·5	55·8	57·9	66·6	74·2	63·1
1890	78·7	75·0	71·6	67·6	58·1	49·6	46·9	50·8	55·3	58·4	68·8	73·0	62·8
1891	75·1	77·4	71·8	66·3	58·4	52·6	49·6	52·6	53·9	62·1	70·6	72·4	63·6
1892	78·0	77·9	70·6	63·4	56·9	51·2	49·6	50·6	55·4	58·2	66·4	76·6	62·9
1893	77·8	77·6	73·6	60·0	55·6	48·0	50·5	51·9	56·7	59·4	67·0	74·7	62·7
1894	77·8	73·8	70·6	64·2	57·8	55·0	50·2	52·8	55·8	60·8	71·5	76·1	63·9
1895	75·0	72·6	73·2	60·2	57·0	52·8	50·9	55·4	55·8	64·8	73·1	74·7	63·8
1896	81·6	78·4	73·6	62·0	58·0	54·4	49·5	54·0	58·2	64·2	72·0	73·4	64·9
1897	80·4	74·4	71·6	67·2	58·6	54·4	53·8	51·6	56·4	58·6	68·2	75·2	64·2
1898	80·8	79·4	73·8	65·0	58·4	51·8	53·5	54·7	57·7	59·4	67·0	73·5	64·6
1899	75·6	77·7	71·4	63·2	56·2	53·2	52·6	52·6	55·8	60·9	66·2	74·6	63·3
Mean for 18 years	77·6	76·7	71·9	64·2	57·1	52·1	50·6	52·2	55·9	61·2	69·0	74·6	63·6

Highest Temperature in Month.

1880	104·6	102·6	88·6	85·6	73·6	63·6	64·6	65·6	77·6	79·6	95·6	97·6	104·6
1881	104·0	100·0	100·0	88·0	75·0	68·0	64·0	68·0	76·0	86·0	92·0	94·0	104·0
1882	103·0	110·0	101·0	85·0	75·0	66·0	63·0	66·0	72·0	90·0	91·0	107·0	110·0
1883	100·0	104·0	92·0	83·0	75·0	68·0	64·0	66·0	73·0	84·0	94·0	101·0	104·0
1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	108·0	103·0	93·0	81·0	66·0	65·0	70·0	66·0	74·0	84·0	88·0	102·0	108·0
1886	—	—	—	—	—	—	—	—	—	—	—	—	—
1887	96·0	95·0	96·0	76·0	71·0	64·0	65·0	66·0	74·0	85·0	95·0	98·0	98·0
1888	109·0	103·0	100·0	87·0	75·0	70·0	64·0	67·0	82·0	92·0	105·0	105·0	109·0
1889	107·0	108·0	97·0	86·0	71·0	65·0	62·0	71·0	70·0	76·0	91·0	104·0	108·0
1890	106·0	98·0	96·0	93·0	83·0	63·0	65·0	68·0	79·0	85·0	100·0	103·0	106·0
1891	107·0	107·0	105·0	98·0	82·0	80·0	71·0	78·0	87·0	92·0	105·0	108·0	108·0
1892	108·0	106·0	101·0	83·0	83·0	70·0	69·0	71·0	80·0	89·0	96·0	110·0	110·0
1893	108·0	108·0	102·0	83·0	81·0	73·0	68·0	75·0	86·0	80·0	95·0	102·0	108·0
1894	108·0	106·0	104·0	95·0	84·0	72·0	69·0	75·0	83·0	98·0	102·0	107·0	108·0
1895	106·0	110·0	101·0	90·0	84·0	80·0	66·0	78·0	78·0	98·0	102·0	108·0	110·0
1896	115·0	107·0	107·0	89·0	80·0	78·0	66·0	78·0	95·0	94·0	98·0	103·0	115·0
1897	111·0	105·5	105·2	100·2	85·0	70·5	70·2	72·0	82·8	88·8	101·2	114·5	114·5
1898	110·0	115·6	104·5	89·0	81·2	69·0	71·2	78·8	82·8	84·0	98·2	110·0	115·6
1899	105·8	108·0	103·0	100·0	83·0	76·0	71·0	76·8	83·0	86·0	95·0	107·2	108·0
Highest ...	115·0	115·6	107·0	100·2	85·0	80·0	71·2	78·8	95·0	98·0	105·0	114·5	115·6

*Not included in mean. — Signifies "no record."

YORK.

Lowest Temperature in Month.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1880	61·4	62·4	52·4	42·4	43·4	36·4	34·4	38·4	41·4	42·4	51·4	54·4	34·4
1881	52·0	59·0	52·0	48·0	39·0	35·0	36·0	36·0	38·0	48·0	49·0	55·0	35·0
1882	56·0	58·0	52·0	47·0	36·0	34·0	33·0	38·0	41·0	40·0	46·0	57·0	33·0
1883	58·0	57·0	52·0	48·0	43·0	43·0	39·0	37·0	38·0	43·0	48·0	57·0	37·0
1884	—	—	—	—	—	—	—	—	—	—	—	—	
1885	55·0	55·0	52·0	45·0	40·0	38·0	36·0	39·0	39·0	44·0	44·0	53·0	36·0
1886	—	—	—	—	—	—	—	—	—	—	—	—	
1887	53·0	55·0	52·0	41·0	39·0	35·0	33·0	35·0	37·0	42·0	45·0	50·0	33·0
1888	58·0	63·0	56·0	48·0	42·0	36·0	35·0	34·0	38·0	41·0	48·0	58·0	34·0
1889	50·0	60·0	48·0	49·0	38·0	33·0	32·0	31·0	39·0	41·0	47·0	47·0	31·0
1890	54·0	54·0	51·0	44·0	39·0	32·0	31·0	33·0	36·0	41·0	49·0	42·0	31·0
1891	45·0	50·0	45·0	40·0	33·0	32·0	28·0	30·0	31·0	35·0	40·0	45·0	28·0
1892	50·0	51·0	43·0	37·0	32·0	29·0	29·0	29·0	33·0	34·0	37·0	47·0	29·0
1893	48·0	49·0	45·0	37·0	33·0	28·0	29·0	29·0	30·0	37·0	43·0	46·0	28·0
1894	51·0	50·0	41·0	35·0	30·0	34·0	27·0	32·0	35·0	35·0	41·0	53·0	27·0
1895	48·0	48·0	48·0	37·0	30·0	32·0	33·0	38·0	36·0	37·0	45·0	49·0	30·0
1896	55·0	47·0	52·0	40·0	37·0	36·0	29·0	32·0	33·0	40·0	47·0	44·0	29·0
1897	54·0	45·8	45·2	37·4	37·0	32·0	32·0	31·6	32·5	35·0	41·0	47·0	31·6
1898	55·4	49·2	46·2	40·6	36·0	30·4	32·0	33·0	37·4	35·0	40·8	49·0	30·4
1899	48·0	48·8	41·5	34·5	32·0	32·5	30·5	32·0	32·4	39·6	43·0	48·8	30·5
Lowest ...	45·0	45·8	41·0	34·5	30·0	28·0	27·0	29·0	30·0	34·0	37·0	42·0	27·0

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1880	23	14	...	...	...	8	16	4	...	...	1	8	
*1881	10	10	6	...	7	—	12	—	5	...	2	9	
1882	15	16	5	...	5	16	14	9	...	1	1	11	
1883	12	8	1	...	...	...	4	13	5	...	1	6	
*1884	—	—	—	—	—	—	—	—	—	—	—	—	
1885	13	9	4	...	1	5	4	3	3	...	...	12	
*1886	—	—	—	—	—	—	—	—	—	—	—	—	
1887	7	3	4	...	2	8	11	8	2	...	2	13	
1888	16	12	15	...	...	3	10	16	2	1	8	11	
1889	9	16	9	...	4	10	20	14	2	...	1	11	
1890	20	14	7	1	3	15	27	16	5	...	5	11	
1891	13	13	10	6	9	17	26	19	18	2	7	12	
1892	9	6	4	...	17	19	22	21	14	...	5	10	
1893	16	6	10	...	7	23	18	16	8	...	3	8	
1894	10	7	7	2	6	9	20	19	15	1	11	6	
1895	9	7	11	1	15	15	18	6	8	6	12	4	
1896	15	6	3	...	10	10	19	15	13	2	10	8	
1897	24	13	11	7	5	8	11	18	12	...	10	16	
1898	28	21	20	...	11	13	16	12	2	...	8	12	
1899	18	20	11	1	14	10	14	13	7	...	2	16	
Mean for 17 years	15	11	8	1	6	11	16	13	7	1	5	10	

Monthly Rainfall.

1877	...	...	...	130	530	10	390	260	50	...	...	20	1390
1878	...	...	50	110	90	240	780	580	80	...	50	...	1980
1879	60	...	20	20	390	170	280	110	50	90	...	60	1250
1880	18	118	69	181	227	368	210	434	71	32	102	27	1857
1881	27	6	110	150	187	284	274	43	155	75	171	3	1485
1882	2	3	25	325	32	282	458	665	42	33	32	49	1948
1883	124	284	56	58	209	718	258	217	114	105	22	231	2396
1884	9	32	...	60	347	493	82	583	181	111	11	8	1917
1885	6	18	64	96	577	280	399	517	105	95	39	23	2219
1886	...	92	27	17	105	172	261	416	260	12	55	1	1418
1887	3	55	68	70	111	231	371	400	189	84	83	14	1679
1888	59	43	4	56	186	293	126	243	85	82	125	64	1366
1889	33	1	16	236	261	451	142	212	207	373	56	11	1999
1890	19	139	...	4	361	417	139	295	329	511	13	70	2297
1891	...	1	102	2	257	407	340	174	180	24	1	31	1519
1892	1	1	88	170	143	196	282	271	133	29	51	1	1366
1893	4	32	211	139	377	268	478	294	300	103	16	109	2331
1894	...	17	162	8	133	238	133	188	118	45	32	25	1099
1895	...	23	1	36	56	531	348	401	179	26	...	17	1618
1896	8	5	351	47	64	239	530	173	32	33	21	80	1583
1897	44	31	67	27	263	333	194	168	96	82	24	...	1329
1898	2	4	1	15	190	353	399	393	126	188	22	1	1694
1899	...	61	...	46	24	432	346	256	91	226	195	7	1684
Mean for 23 years	18	42	65	87	221	322	314	318	138	103	49	37	1714

* Not included in mean. ... Signifies "*nil*." — Signifies "no record."

YORK.

Monthly Number of Wet Days.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1880	2	4	5	8	9	8	7	11	8	5	5	6	78
1881	3	2	1	5	9	10	15	5	13	3	9	1	76
1882	2	3	6	13	4	8	14	17	4	4	4	4	83
1883	3	7	2	5	12	22	12	7	8	4	3	6	91
1884	2	2	...	5	8	14	6	17	12	4	4	1	75
1885	1	1	2	7	16	9	13	17	5	6	6	3	86
1886	...	3	1	2	7	7	12	15	16	3	4	1	71
1887	1	4	7	5	4	13	17	17	14	7	7	2	98
1888	2	2	3	7	10	13	13	7	10	10	11	5	93
1889	3	1	3	9	15	22	9	13	15	12	5	3	110
1890	4	5	...	4	14	15	7	18	17	21	3	10	118
1891	...	1	5	2	12	13	11	12	12	4	1	3	76
1892	1	1	8	6	9	12	14	18	11	6	7	1	94
1893	2	5	9	8	17	6	19	13	15	12	5	4	115
1894	...	1	3	1	6	11	10	10	6	6	5	3	62
1895	...	4	1	4	7	13	15	21	14	4	...	5	88
1896	2	1	6	3	8	15	15	10	7	8	4	2	81
1897	2	3	4	4	8	15	13	12	8	6	4	...	79
1898	1	1	1	1	7	12	13	16	12	14	5	1	84
1899	...	3	...	6	5	13	14	12	10	16	4	2	85

... Signifies "*nil.*"

PERTH OBSERVATORY.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1897	29·942	29·981	30·024	30·109	30·156	30·036	30·176	30·178	30·100	30·082	30·014	29·955	30·063
1898	29·923	29·859	29·970	30·201	30·120	30·079	30·120	30·018	30·086	29·975	30·019	29·950	30·027
1899	29·952	29·946	29·966	30·042	30·173	30·046	30·127	30·195	30·153	29·980	30·057	30·000	30·053
Mean for 3 years	29·939	29·929	29·987	30·117	30·150	30·054	30·141	30·130	30·113	30·012	30·030	29·968	30·048

Mean Monthly Temperature.

1897	76·2	71·7	70·3	66·2	60·8	56·6	56·5	54·2	58·6	58·8	65·1	70·1	63·8
1898	73·8	76·4	73·0	66·1	61·6	53·8	56·6	57·3	60·0	61·3	65·0	70·8	64·6
1899	73·8	74·4	70·8	64·6	59·9	56·3	55·4	56·0	58·2	62·3	63·9	71·6	63·9
Mean for 3 years	74·6	74·2	71·4	65·6	60·8	55·6	56·2	55·8	58·9	60·8	64·7	70·8	64·1

Highest Temperature in Month.

1897	107·0	103·0	101·8	96·8	78·4	69·1	69·2	72·8	78·4	83·7	93·5	101·0	107·0
1898	104·0	106·8	97·8	88·8	79·4	66·0	72·0	78·2	82·0	86·6	90·1	101·4	106·8
1899	101·2	101·1	96·6	97·4	82·4	73·2	73·8	74·3	81·4	82·5	82·1	102·8	102·8
Highest ...	107·0	106·8	101·8	97·4	82·4	73·2	73·8	78·2	82·0	86·6	93·5	102·8	107·0

Lowest Temperature in Month.

1897	55·4	50·1	53·3	44·5	46·0	41·1	41·8	37·5	42·8	42·9	45·7	49·2	37·5
1898	54·5	53·8	50·9	50·6	47·4	36·9	39·5	42·9	45·7	42·2	48·2	54·1	36·9
1899	51·5	56·1	45·9	45·1	39·9	43·0	38·1	39·7	39·8	48·2	48·9	51·8	38·1
Lowest ...	51·5	50·1	45·9	44·5	39·9	36·9	38·1	37·5	39·8	42·2	45·7	49·2	36·9

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1897	12	6	3	3	...	...	...	3	...	...	2	6	
1898	10	11	10	...	...	3	1	...	...	...	1	6	
1899	9	7	4	1	2	...	2	1	1	...	...	7	
Mean for 3 years	10	8	6	1	...	1	1	1	...	...	1	6	

Monthly Rainfall.

1897	...	29	146	143	304	565	439	570	314	86	106	15	2717
1898	47	21	10	41	356	623	541	866	219	360	79	13	3176
1899	15	25	18	326	231	653	753	534	193	418	58	16	3240
Mean for 3 years	21	25	58	170	297	613	578	656	242	288	81	15	3044

Monthly number of Wet Days.

1897	...	5	3	6	13	17	15	18	12	7	7	3	106
1898	2	3	2	3	10	16	15	17	18	22	8	2	118
1899	1	3	5	13	8	17	13	15	8	17	5	2	107

... Signifies "*nil.*"

FREMANTLE.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
* 1880	—	29·948	29·966	29·936	30·060	30·072	30·161	30·056	30·106	30·078	29·953	29·994	—
* 1881	—	29·993	30·057	30·103	30·103	—	30·187	—	—	—	—	—	—
* 1882	29·954	29·925	29·951	29·910	30·063	30·076	30·083	29·954	30·069	30·078	29·971	29·875	29·992
* 1883	29·948	29·938	30·008	30·036	29·982	29·931	30·187	30·125	30·194	30·082	29·915	29·905	30·021
* 1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	30·016	30·015	30·082	30·168	30·086	30·227	30·100	30·115	30·171	30·160	30·082	29·966	30·099
1886	30·006	29·927	30·022	30·136	30·101	30·220	30·096	29·994	29·992	30·098	30·047	29·960	30·050
* 1887	—	—	—	—	—	—	—	—	—	—	—	—	—
1888	29·896	29·976	30·054	30·098	30·086	30·071	30·204	30·139	30·094	30·080	29·991	29·971	30·054
1889	29·986	29·958	30·056	30·024	30·016	29·924	30·152	30·092	29·998	30·020	29·910	29 896	30·003
1890	29·870	29·898	30·022	30·050	30·018	30·052	30·137	30·072	29·995	29·896	30·042	29·930	29·999
1891	29·921	29·965	30·007	30·110	30·053	30·082	30·234	30·188	30·140	30·058	30·054	29·970	30·066
1892	29·928	29·960	29·914	30·141	30·133	30·172	30·068	29·976	* 30·072	30·078	29·989	29·944	30·031
1893	29·887	29·851	30·026	29·952	30·002	30·092	30·018	30·162	29·990	29·992	30·001	29·914	29·991
1894	29·914	29·992	29·980	30·108	30·116	30·055	30·144	30·054	30·052	30·034	29·974	29·902	30·027
1895	29·919	29·980	30·083	30·132	30·172	30·047	30·093	29·986	30·071	30·058	30·029	29·950	30·043
1896	29·868	29·922	29·934	30·102	30·143	30·030	30·086	30·143	30·158	30·074	29·968	29·990	30·035
* 1897	29·920	29·975	30·012	—	—	—	—	—	—	—	—	—	—
1898	29·918	29·860	29·963	30·182	30·097	30·052	30·092	29·994	30·070	29·956	30·009	29·940	30·011
1899	29·945	29·940	29·963	30·025	30·156	30·030	30·105	30·172	30·140	29·968	30·048	29·998	30·041
Mean for 13 years	29·929	29·942	30·008	30·094	30·091	30·081	30·118	30·084	30·073	30·036	30·011	29·949	30·035

Mean Monthly Temperature.

* 1881	—	80·9	78·8	73·0	66·0	—	—	—	—	—	—	—	—
1882	71·3	76·6	71·2	65·7	60·9	55·0	54·8	54·9	58·1	61·0	64·9	73·1	63·9
1883	70·2	71·4	67·6	65·2	61·8	59·8	55·6	53·7	55·6	59·8	63·5	70·8	62·5
* 1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	71·8	70·6	69·4	63·6	59·4	56·2	56·0	56·4	55·6	61·6	67·2	73·7	63·5
1886	72·8	74·6	71·2	64·2	59·9	56·2	53·6	54·8	58·6	59·4	66·0	71·4	63·6
* 1887	—	—	—	—	—	—	—	—	—	—	—	—	—
1888	74·2	73·0	77·0	67·9	60·4	58·2	55·5	54·2	58·1	65·0	69·6	73·2	65·5
1889	73·1	72·2	72·2	67·6	58·4	54·8	55·1	56·0	59·6	60·4	65·0	71·0	63·8
1890	75·6	73·5	71·6	69·3	62·4	55·6	53·1	56·0	58·4	59·4	64·6	68·3	64·0
1891	68·5	72·2	71·6	67·6	61·5	56·9	55·4	56·4	56·7	60·5	67·3	67·6	63·6
1892	72·4	73·2	69·2	65·5	61·2	56·0	55·4	55·9	58·4	58·6	61·6	70·0	63·1
1893	73·3	73·8	72·2	63·1	60·1	55·4	56·7	56·6	59·5	60·4	64·2	70·2	63·8
1894	73·2	73·4	70·2	66·4	61·8	59·8	55·6	56·4	58·6	61·2	68·0	72·8	64·7
1895	69·2	70·0	73·6	63·5	61·2	58·4	56·0	60·2	58·9	63·6	69·4	69·8	64·5
1896	75·1	75·4	68·8	63·4	62·2	58·6	54·0	57·5	59·0	63·6	67·0	68·0	64·4
* 1897	74·6	71·4	69·6	—	—	—	—	—	—	—	—	—	—
1898	72·0	75·6	71·6	65·8	62·5	55·2	58·2	58·0	60·4	61·8	64·1	70·0	64·6
1899	72·0	73·3	70·4	64·6	61·4	57·8	56·8	57·0	58·2	62·5	63·4	70·2	64·0
Mean for 15 years	72·3	73·3	71·2	65·6	61·0	56·9	55·5	56·3	58·2	61·3	65·7	70·7	64·0

Highest Temperature in Month.

1881	—	100·0	99·0	90·0	82·0	—	—	—	—	—	—	—	—
1882	99·0	106·0	89·0	87·0	73·0	65·0	65·0	65·0	69·0	83·0	90·0	97·0	106·0
1883	96·0	96·0	86·0	83·0	78·0	70·0	69·0	68·0	73·0	79·0	91·0	98·0	98·0
1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	95·0	93·0	91·0	78·0	68·0	67·0	68·0	65·0	67·0	79·0	91·0	104·0	104·0
1886	96·0	98·0	94·0	80·0	73·0	66·0	65·0	66·0	75·0	86·0	88·0	104·0	104·0
1887	—	—	—	—	—	—	—	—	—	—	—	—	—
1888	98·0	96·0	105·0	89·0	76·0	72·0	68·0	68·0	76·0	94·0	95·0	106·0	106·0
1889	105·0	87·0	91·0	90·0	72·0	69·0	66·0	72·0	76·0	76·0	80·0	96·0	105·0
1890	106·0	94·0	92·0	93·0	86·0	66·0	64·0	68·0	73·0	82·0	96·0	96·0	106·0
1891	97·0	103·0	97·0	91·0	81·0	70·0	69·0	70·0	79·0	81·0	100·0	89·0	103·0
1892	106·0	101·0	94·0	88·0	81·0	69·0	68·0	68·0	78·0	79·0	81·0	98·0	106·0
1893	103·0	95·0	97·0	80·0	75·0	72·0	68·0	71·0	81·0	76·0	85·0	101·0	103·0
1894	107·0	102·0	105·0	87·0	86·0	74·0	67·0	70·0	78·0	96·0	95·0	102·0	107·0
1895	91·0	104·0	100·0	93·0	80·0	82·0	68·0	71·0	80·0	95·0	98·0	103·0	104·0
1896	108·0	96·0	93·0	89·0	77·0	77·0	65·0	71·0	80·0	89·0	95·0	91·0	108·0
1897	108·0	102·5	99·0	—	—	—	—	—	—	—	—	—	—
1898	105·0	106·0	92·0	89·0	79·0	66·0	70·5	73·8	84·0	84·0	84·0	93·8	106·0
1899	96·0	102·8	94·0	86·8	79·5	73·0	71·0	71·0	80·5	80·6	78·4	104·0	104·0
Highest ...	108·0	106·0	105·0	93·0	86·0	82·0	71·0	73·8	84·0	96·0	100·0	106·0	108·0

* Not included in mean. – Signifies "no record."

FREMANTLE.

Lowest Temperature in Month.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1881	—	59·0	57·0	54·2	50·0	—	—	—	—	—	—	—	—
1882	55·0	57·0	53·0	51·0	40·0	43·0	43·0	44·0	46·0	46·0	50·0	55·0	40·0
1883	53·0	56·0	55·0	50·6	47·0	47·0	44·0	42·0	41·5	44·0	50·0	57·0	41·5
1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	55·0	55·0	52·0	50·0	48·0	44·0	42·0	46·0	43·0	47·0	45·0	53·0	42·0
1886	56·0	57·0	57·0	50·0	45·0	42·0	40·0	40·0	43·0	44·0	50·0	53 0	40·0
1887	—	—	—	—	—	—	—	—	—	—	—	—	—
1888	55·0	56·0	58·0	49·0	43·0	45·0	43·0	41·0	43·0	46·0	50·0	59·0	41·0
1889	51·0	59·0	53·0	53·0	44·0	41·0	41·0	42·0	46·0	45·0	50·0	53·0	41·0
1890	56·0	56·0	55·0	53·0	48·0	43·0	42·0	42·0	44·0	48·0	48·0	52·0	42·0
1891	52·0	50·0	52·0	47·0	42·0	43·0	41·0	42·0	39·0	43·0	49·0	51·0	41·0
1892	51·0	52·0	51·0	46·0	41·0	38·0	41·0	38·0	40·0	40·0	46·0	48·0	38·0
1893	51·0	50·0	51·0	45·0	42·0	39·0	37·0	39·0	43·0	44·0	44·0	52·0	37·0
1894	50·0	55·0	48·0	43·0	41·0	45·0	41·0	43·0	42·0	42·0	48·0	55·0	41·0
1895	47·0	52·0	50·0	45·0	41·0	39·0	42·0	47·0	43·0	45·0	49·0	55·0	39·0
1896	52·0	57·0	51·0	45·0	46·0	43·0	40·0	43·0	41·0	47·0	50·0	50·0	40·0
1897	54·5	48·5	52·5	—	—	—	—	—	—	—	—	—	—
1898	55·0	53·0	55·0	50·8	49·5	40·0	43·8	45·2	49·4	47·9	49·5	55·5	40·0
1899	55·0	58·5	48·6	48·5	43·0	45·0	42·5	42·8	42·0	49·6	50·8	51·8	42·0
Lowest ...	47·0	48·5	48·0	43·0	40·0	38·0	37·0	38·0	39·0	40·0	44·0	48·0	37·0

Number of Days over 90° (October–April, inclusive) and Nights below 40° (May–September).

*1881	—	21	21	2	—	—	—	—	—	—	—	—	
1882	2	5	...	...	1	...	...	...	...	...	1	8	
1883	1	1	...	...	...	...	...	...	...	...	1	1	
*1884	—	—	—	—	—	—	—	—	—	—	—	—	
1885	3	2	1	...	...	...	...	...	...	...	2	10	
1886	3	2	1	...	...	...	1	1	...	...	...	5	
*1887	—	—	—	—	—	—	—	—	—	—	—	—	
1888	6	2	13	...	...	...	...	...	...	1	3	5	
1889	4	...	5	1	...	...	...	...	...	...	...	6	
1890	11	2	4	1	...	...	...	...	...	...	1	4	
1891	3	8	8	2	...	...	...	...	2	...	3	...	
1892	8	7	2	...	...	1	...	1	1	...	...	2	
1893	10	7	4	...	...	3	1	1	...	...	...	6	
1894	11	10	3	...	...	...	...	...	...	1	5	8	
1895	2	3	11	1	...	1	...	...	...	1	3	3	
1896	12	9	1	...	...	...	1	...	...	...	1	3	
*1897	9	5	2	—	—	—	—	—	—	—	—	—	
1898	5	10	5	...	...	1	...	...	...	...	...	5	
1899	6	6	4	...	...	...	...	...	...	...	...	5	
Mean for 15 years.	6	5	4	...	...	...	...	...	...	...	1	5	

Monthly Rainfall.

1877	...	...	...	100	580	150	540	200	20	...	...	40	1630
1878	...	280	100	120	400	370	850	340	140	...	100	10	2710
1879	120	...	40	...	700	270	430	430	180	320	...	90	2580
1880	7	52	65	186	201	338	212	361	140	38	70	3	1673
1881	43	...	43	132	364	327	323	89	257	37	74	142	1831
1882	12	14	70	497	222	551	732	994	85	73	79	38	3367
1883	6	144	59	145	240	917	424	394	150	195	62	144	2880
1884	18	13	5	110	237	752	425	561	345	235	87	34	2822
1885	46	4	81	413	701	358	546	467	156	133	101	32	3038
1886	24	77	5	149	317	357	811	625	542	57	100	...	3064
1887	19	19	168	145	349	565	1004	786	308	153	65	34	3615
1888	...	5	65	95	452	437	390	443	167	128	123	308	2613
1889	66	46	76	527	1053	891	316	378	264	424	90	36	4167
1890	3	39	1	20	582	1358	558	495	628	693	95	166	4638
1891	5	...	77	21	664	716	613	541	451	76	1	10	3175
1892	15	14	42	88	570	424	402	738	251	103	74	6	2727
1893	3	38	162	316	731	361	854	631	397	278	74	145	3990
1894	...	96	23	5	400	665	560	432	319	96	25	65	2686
1895	30	95	24	179	225	900	755	663	355	77	17	83	3403
1896	17	...	419	81	231	1001	771	369	87	101	5	22	3104
1897	...	27	196	—	—	—	—	540	273	74	80	3	—
1898	26	16	4	50	373	501	491	586	220	351	88	5	2711
1899	17	2	28	250	185	640	602	369	132	243	58	12	2538
Mean for 22 years.	22	43	71	165	444	584	573	495	255	173	63	65	2953

* Not included in mean. ... Signifies "*nil.*" — Signifies "no record."

FREMANTLE.

Monthly number of Wet Days.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1880	2	1	5	7	10	13	7	14	8	6	5	1	79
1881	3	...	2	4	13	12	12	7	16	4	9	9	91
1882	3	2	4	14	12	12	18	22	8	8	3	5	111
1883	2	6	5	8	16	25	20	16	12	11	5	14	140
1884	5	6	2	10	10	21	11	27	24	16	10	11	153
1885	7	2	5	13	22	14	21	27	9	11	5	3	139
1886	3	4	1	3	13	10	18	21	19	9	5	...	106
1887	2	2	7	7	7	15	21	15	17	11	8	3	115
1888	...	3	5	12	18	18	17	14	11	15	10	8	131
1889	2	1	6	7	16	22	15	17	16	15	9	4	130
1890	2	2	1	2	19	20	14	21	21	24	3	8	137
1891	1	...	6	6	21	19	15	15	19	9	1	2	114
1892	4	1	10	7	14	15	20	25	14	9	8	4	131
1893	1	5	10	15	20	11	23	19	23	20	8	7	162
1894	...	4	9	2	11	23	14	18	18	12	5	5	121
1895	2	7	4	7	11	18	24	25	19	9	4	8	138
1896	2	...	9	8	12	19	15	15	9	9	2	5	105
1897	...	4	5	—	—	—	—	15	14	10	7	1	—
1898	1	3	1	2	8	15	17	17	16	19	6	3	108
1899	1	2	6	13	9	16	15	15	10	13	5	4	109

... Signifies "*nil.*" — Signifies "no record."

ROTTNEST.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1880	29·804	29·871	29·928	30·007	30·031	30·049	30·156	30·010	30·084	30·048	29·985	29·966	29·995
*1881	—	—	—	—	—	—	—	—	—	—	—	—	—
1882	29·927	29·904	29·933	29·895	30·081	30·096	30·088	29·965	30·082	30·023	29·987	29·894	29·990
1883	29·940	29·928	30·000	30·025	29·974	29·939	30·167	30·095	30·169	30·067	29·971	29·919	30·016
*1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	29·946	29·966	30·062	30·080	30·011	30·158	30·064	30·044	30·086	30·091	30·040	29·901	30·037
*1886	—	—	—	—	—	—	—	—	—	—	—	—	—
1887	29·864	29·893	29·955	30·037	30·046	30·039	30·030	29·990	30·057	30·032	29·946	29·943	29·986
1888	29·856	29·930	30·002	30·066	30·030	30·014	30·121	30·098	30·043	30·031	29·932	29·913	30·003
1889	29·935	29·886	30·016	29·986	29·989	29·879	30·111	30·052	29·952	29·973	29·866	29·862	29·959
*1890	29·837	—	—	—	—	—	—	—	—	—	30·007	29·944	—
1891	29·927	29·990	30·034	30·130	30·063	30·087	30·136	30·189	30·168	30·080	30·052	30·000	30·071
1892	29·876	29·928	29·918	30·193	30·135	30·174	30·071	29·991	30·062	30·062	29·981	29.941	30·028
*1893	—	—	—	—	—	—	—	—	—	—	—	—	—
*1894	—	—	—	—	—	—	—	—	—	—	—	—	—
*1895	—	—	—	—	—	—	—	—	—	—	—	—	—
*1896	—	—	—	—	—	—	—	—	—	—	—	—	—
*1897	—	—	—	—	—	—	—	—	—	—	—	—	—
*1898	—	29·874	29·976	30·188	30·098	30·052	30·098	29·998	30·076	29·962	30·008	29·941	—
1899	29·948	29·920	29·926	30·014	30·144	30·008	30·088	30·160	30·130	29·934	30·002	29·970	30·020
Mean for 10 years.	29·902	29·922	29·977	30·043	30·050	30·044	30·103	30·059	30·083	30·034	29·976	29·931	30·010

Mean Monthly Temperature.

1880	78·6	76·8	71·6	67·1	64·4	58·8	58·6	58·8	61·3	60·8	66·2	69·8	66·1
*1881	—	—	—	—	—	—	—	—	—	—	—	—	—
1882	71·4	73·0	70·0	65·8	60·8	58·2	57·5	56·0	59·2	61·0	64·0	70·9	64·0
1883	69·3	70·6	68·0	66·6	63·2	61·0	57·3	56·6	57·4	61·2	63·8	68·3	63·6
*1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	70·5	69·8	70·0	65·0	61·3	57·8	57·9	56·7	58·0	61·6	66·4	71·8	63·9
*1886	—	—	—	—	—	—	—	—	—	—	—	—	—
1887	69·0	70·4	68·5	63·7	60·8	55·9	56·2	56·0	56·1	61·1	67·2	69·1	62·8
1888	72·4	72·0	74·2	66·9	61·7	59·2	56·9	55·6	60·0	63·2	67·6	69·6	64·9
1889	70·6	72·8	70·7	67·8	58·4	56·4	56·5	56·4	59·4	59·6	63·4	67·8	63·3
1890	72·1	72·0	70·6	72·3	66·6	55·3	53·8	55·6	57·5	58·1	62·2	65·8	63·5
1891	66·8	70·8	67·9	67·4	60·8	56·9	57·6	57·9	57·4	61·5	68·4	67·9	63·4
1892	74·8	77·2	71·7	66·8	61·8	56·6	53·4	53·9	56·9	57·8	61·6	69·0	63·5
*1893	—	—	—	—	—	—	—	—	—	—	—	—	—
*1894	—	—	—	—	—	—	—	—	—	—	—	—	—
*1895	—	—	—	—	—	—	—	—	—	—	—	—	—
*1896	—	—	—	—	—	—	—	—	—	—	—	—	—
*1897	—	—	—	—	—	—	—	—	—	—	—	—	—
*1898	—	74·3	72·2	66·8	64·2	57·0	59·6	59·2	61·4	62·1	64·8	69·0	—
1899	71·6	71·9	70·0	64·7	61·8	58·7	57·5	58·0	57·5	62·3	63·6	70·0	64·0
Mean for 11 years.	71·6	72·5	70·3	66·7	62·0	57·7	56·7	56·5	58·2	60·7	64·9	69·1	63·9

Highest Temperature in Month.

1880	99·6	104·6	86·0	80·0	82·0	69·0	69·2	68·2	76·5	71·6	81·8	85·4	104·6
1881	—	—	—	—	—	—	—	—	—	—	—	—	—
1882	98·0	98·0	96·0	85·0	77·0	69·3	69·0	65·0	71·5	79·4	82·3	96·5	98·0
1883	92·7	95·9	83·8	83·2	77·1	77·0	69·0	70·0	75·0	81·5	86·0	94·2	95·9
1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	96·5	92·5	90·2	80·0	74·0	69·4	70·1	69·5	71·5	81·2	87·0	95·0	96·5
1886	—	—	—	—	—	—	—	—	—	—	—	—	—
1887	91·5	94·5	85·5	80·5	76·5	68·0	69·0	69·5	72·0	83·5	91·0	92·5	94·5
1888	93·0	91·0	101·0	87·5	78·5	73·0	72·5	68·5	75·5	88·5	92·5	95·5	101·0
1889	100·5	90·0	95·5	84·5	72·5	68·0	69·5	72·5	72·5	74·5	79·5	88·5	100·5
1890	98·5	90·0	87·5	92·5	87·5	68·5	63·5	68·0	70·5	76·5	77·0	78·5	98·5
1891	80·5	95·5	88·5	89·0	71·0	67·0	67·0	72·0	74·0	77·0	84·0	89·0	95·5
1892	104·5	102·0	95·0	85·0	81·0	69·0	69·0	69·0	76·0	81·0	84·0	102·5	104·5
1893	—	—	—	—	—	—	—	—	—	—	—	—	—
1894	—	—	—	—	—	—	—	—	—	—	—	—	—
1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	—	—	—	—	—	—	—	—	—	—	—	—	—
1897	—	—	—	—	—	—	—	—	—	—	—	—	—
1898	—	109·0	95·0	86·8	76·2	67·0	69·8	70·8	80·0	85·2	82·8	93·0	109·0
1899	94·0	102·0	93·6	83·2	78·0	71·0	69·2	70·0	76·0	80·2	74·8	102·0	102·0
Highest ...	104·5	109·0	101·0	92·5	87·5	77·0	72·5	72·5	80·0	88·5	92·5	102·5	109·0

* Not included in mean. — Signifies "no record."

ROTTNEST.

Lowest Temperature in Month.

	Jauuary.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1880	61·3	61·4	53·0	52·0	54·0	48·6	50·2	45·0	48·8	49·4	54·8	55·0	45·0
1881	—	—	—	—	—	—	—	—	—	—	—	—	—
1882	55·0	58·0	56·0	52·0	43·0	48·0	47·0	47·0	47·5	48·0	46·8	54·8	43·0
1883	52·5	55·0	56·3	52·9	48·2	45·5	46·0	42·3	42·0	46·3	50·2	56·0	42·0
1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	55·0	55·0	52·0	51·0	47·0	47·0	45·2	40·0	42·0	46·0	42·0	52·0	40·0
1886	—	—	—	—	—	—	—	—	—	—	—	—	—
1887	55·0	52·0	52·0	48·0	48·5	44·0	44·0	42·0	42·0	45·0	47·0	49·0	42·0
1888	54·5	55·0	57·0	50·0	40·5	40·5	45·0	41·0	44·0	44·0	50·0	55·0	40·5
1889	50·0	59·0	51·0	52·0	44·0	43·0	42·0	45·0	46·0	41·0	50·0	52·0	41·0
1890	55·0	57·0	56·0	56·0	50·0	43·0	45·0	45·0	46·0	48·0	50·0	50·0	43·0
1891	54·0	60·0	54·0	49·0	49·0	47·5	47·0	45·0	42·0	44·5	53·0	51·0	42·0
1892	56·0	53·0	51·0	48·5	42·0	44·0	38·0	36·0	40·0	40·0	46·0	46·0	36·0
1893	—	—	—	—	—	—	—	—	—	—	—	—	—
1894	—	—	—	—	—	—	—	—	—	—	—	—	—
1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	—	—	—	—	—	—	—	—	—	—	—	—	—
1897	—	—	—	—	—	—	—	—	—	—	—	—	—
1898	—	56·6	59·5	55·6	54·8	47·0	49·4	49·0	49·6	45·6	51·6	54·6	45·6
1899	59·2	59·5	54·6	47·8	45·0	48·0	40·4	48·0	—	46·4	49·6	53·6	40·4
Lowest ...	50·0	52·0	51·0	47·8	40·5	40·5	38·0	36·0	40·0	40·0	42·0	46·0	36·0

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1880	13	7	...	...	...	...	...	...	...	...	...	...	
*1881	—	—	—	—	—	—	—	—	—	—	—	—	
1882	2	4	1	...	...	...	...	...	...	...	...	2	
1883	1	3	...	...	...	...	...	...	...	...	...	2	
*1884	—	—	—	—	—	—	—	—	—	—	—	—	
1885	2	1	1	...	...	...	...	...	...	...	...	6	
*1886	—	—	—	—	—	—	—	—	—	—	—	—	
1887	2	1	...	...	...	...	...	...	...	...	1	3	
1888	2	3	7	...	...	...	...	...	...	...	2	4	
1889	2	1	5	...	...	...	...	...	...	...	...	...	
1890	6	1	...	4	...	...	...	...	...	...	...	...	
1891	...	2	...	...	...	...	...	...	...	...	...	...	
1892	10	21	7	...	...	...	1	1	...	...	...	5	
*1893	—	—	—	—	—	—	—	—	—	—	—	—	
*1894	—	—	—	—	—	—	—	—	—	—	—	—	
*1895	—	—	—	—	—	—	—	—	—	—	—	—	
*1896	—	—	—	—	—	—	—	—	—	—	—	—	
*1897	—	—	—	—	—	—	—	—	—	—	—	—	
*1898	—	5	5	...	...	...	...	...	...	...	...	1	
1899	3	2	3	...	...	...	...	...	...	...	...	3	
Mean for 11 years	4	4	2	...	...	...	...	...	...	...	...	2	

Monthly Rainfall.

1880	21	180	68	278	277	656	320	334	209	71	123	3	2540
1881	133	...	82	234	572	469	392	121	284	18	63	196	2564
1882	23	...	98	464	218	741	742	733	71	103	102	28	3323
1883	...	158	39	75	259	832	442	452	138	154	81	77	2707
1884	12	8	49	110	348	616	594	882	160	177	48	32	3036
1885	43	3	...	194	556	390	456	464	142	115	72	40	2475
1886	12	116	...	135	263	234	681	373	431	83	94	..	2422
1887	...	136	141	152	502	721	1359	804	355	155	33	34	4392
1888	...	24	46	74	510	354	218	433	124	111	272	282	2448
1889	62	75	69	455	1129	1000	507	239	140	424	78	28	4206
1890	...	16	12	3	499	1380	563	444	696	542	50	136	4341
1891	...	...	71	41	520	922	720	248	484	57	...	25	3088
1892	5	...	65	87	489	490	414	964	300	69	60	...	2943
*1893	—	—	—	—	—	—	803	408	346	259	—	—	—
1894	...	52	21	5	279	610	656	454	307	52	12	39	2487
1895	12	131	...	161	144	865	693	545	261	71	7	64	2954
*1896	—	—	—	—	143	—	—	—	54	39	14	—	—
1897	1	2	185	135	327	554	331	475	258	97	60	5	2430
1898	25	1	...	25	445	545	387	548	88	245	64	1	2374
1899	21	5	16	175	185	648	570	326	132	244	49	2	2373
Mean for 18 years	21	50	53	155	418	669	559	491	254	155	70	55	2950

* Not included in means. ... Signifies "*nil*." — Signifies "no record."

ROTTNEST.

Monthly number of Wet Days.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1880	4	1	4	10	14	16	11	21	10	5	4	1	101
1881	3	...	2	6	15	19	14	7	14	2	8	7	97
1882	5	...	6	13	13	13	17	18	6	4	3	2	100
1883	...	6	2	8	12	23	16	14	13	7	5	7	113
1884	1	2	1	5	8	21	14	23	15	9	2	4	105
1885	4	1	...	8	18	12	16	19	5	3	2	2	90
1886	2	2	...	3	9	8	18	19	15	7	5	...	88
1887	...	3	5	8	10	15	18	18	14	6	2	3	102
1888	...	2	3	8	14	14	13	15	10	8	8	4	99
1889	2	2	4	5	14	23	18	11	14	16	7	3	119
1890	...	1	2	1	11	21	15	16	21	22	2	8	120
1891	...	...	5	7	16	15	11	12	16	6	...	5	93
1892	2	...	5	4	13	18	17	21	12	5	7	...	104
1893	—	—	—	—	—	—	18	15	15	13	—	—	—
1894	...	2	5	1	10	16	11	14	7	4	2	3	75
1895	1	4	...	7	4	15	20	19	13	7	2	4	96
1896	—	—	—	—	8	—	—	--	9	5	4	—	—
1897	1	2	3	4	12	15	13	12	11	9	—	—	—
1898	1	1	...	2	10	17	15	15	11	18	3	1	94
1899	2	1	8	13	10	17	18	17	10	16	4	1	117

... Signifies "*nil.*" — Signifies "no record."

BUNBURY.

Mean Monthly Barometer.

	Jannary.	February.	March.	April.	May.	June.	July.	August.	Septem-ber.	October.	Novem-ber.	Decem-ber.	Year.
* 1880	29·882	29·926	29·977	30·050	30·063	30·058	30·160	30·027	30·149	30·078	30·040	29·997	30·034
* 1881	—	—	—	—	—	—	—	—	—	—	—	—	—
* 1882	29·991	29·970	30·000	29·941	30·120	30·118	30·092	29·988	30·107	30·046	30·040	29·943	30·030
* 1883	29·983	29·985	30·035	30·058	29·987	29·940	30·194	30·117	30·231	30·123	29·997	29·952	30·050
* 1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	30·002	30·010	30·066	30·126	30·046	30·194	30·070	30·044	30·141	30·130	30·073	29·972	30·073
1886	30·008	29·950	30·046	30·170	30·118	30·202	30·084	29·968	29·968	30·090	30·054	29 992	30·054
1887	29·922	29·936	30·015	30·093	30·101	30·068	30·060	30 027	30·076	30·085	30·026	30·010	30·035
1888	29·931	30 005	30·064	30·106	30·084	30·038	30·156	30·108	30·085	30·070	29·969	29·956	30·048
1889	29·988	29·958	30·056	30·027	30·018	29·937	30·158	30·087	30·020	30·020	29·932	29·932	30·011
1890	29·916	29·929	30·086	30·104	30·021	29·992	30·150	30·064	29·972	29·874	30·082	29·964	30·013
1891	29·968	30·020	30·027	30·144	30·056	30·096	30·234	30·182	30·138	30·094	30·108	29·995	30·088
1892	29·971	30·004	29·974	30·173	30·150	30·190	30·075	29·956	30·082	30·093	29·996	29·968	30·053
1893	29·922	29·904	30·074	29·964	30·012	30·121	30·010	30·179	29·968	29·987	30·024	29·940	30·009
1894	29·966	30·054	30·017	30·144	30·159	30·075	30·189	30·084	30·097	30·078	30·032	29·946	30·070
1895	29·957	29·994	30·136	30·184	30·229	30·067	30·106	29·990	30·075	30 071	30·080	29·982	30·073
1896	29·944	29·992	29·978	30·110	30·162	30·024	30·086	30·161	30·184	30·082	30·018	30·027	30·064
1897	29·972	30·017	30·040	30·101	30·144	30·006	30·154	30·165	30·081	30·068	30·014	29·990	30·063
1898	29·953	29 904	29·997	30·216	30·126	30·067	30·096	29·995	30·064	29·939	30·026	29·967	30·029
1899	29·984	29·984	29·988	30·033	30·178	30·048	30·092	30·178	30·182	29·966	30·074	30·026	30·061
Mean for 15 years	29·960	29·977	30·038	30·113	30·107	30·075	30·115	30·079	30·076	30·043	30·034	29·978	30·050

Mean Monthly Temperature.

1880	74·6	72·6	67·3	62·8	59·2	54·4	54·6	55·5	56·0	57·2	63·4	66·8	62·0
* 1881	—	—	—	—	—	—	—	—	—	—	—	—	—
1882	69·2	73·2	68·0	64·2	56·6	54·6	54·6	55·2	57·4	60·3	64·8	68·6	62·2
1883	67·9	69·4	66·1	63·4	60·1	59·6	55·6	53·9	55·6	60·2	63·2	67·4	61·9
* 1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	70·2	69·2	68·2	62·0	58·2	55·6	56·4	54·1	55·1	60·2	65·2	69·9	62·0
1886	69·7	71·2	68·9	62·6	58·5	57·1	52·3	53·1	56·8	56·9	62·8	67·2	61·4
1887	66·8	68·3	64·6	59·6	56·9	53·0	52·5	53·2	55·4	59·6	66·4	67·3	60·2
1888	69·5	70·8	73·2	64·8	59·8	59·1	56·8	53·3	55·4	61·0	66·0	69·0	63·2
1889	67·2	69·2	68·0	65·6	56·4	52·2	53·0	53·8	53·2	57·6	62·6	67·5	60·5
1890	70·6	69·0	66·4	65·8	57·6	54·0	52·3	54·2	57·2	57·2	64·5	67·5	61·4
1891	65·4	68·0	66·6	62·4	58·0	56·0	52·5	52·8	51·6	56·7	62·9	63·9	59·8
1892	67·7	67·8	66·0	60·4	58·0	51·7	52·2	52·8	55·0	55·5	58·2	65·8	59·3
1893	69·0	69·6	67·4	59·3	56·4	51·2	52·8	53·7	54·8	58·3	63·6	67·4	60·3
1894	71·2	69·2	67·5	59·4	58·1	57·8	53·6	54·6	57·2	58·4	66·4	70·8	62·0
1895	68·2	68·0	69·6	61·0	58·7	57·5	56·6	55·6	54·8	59·0	67·9	67·0	62·0
1896	72·4	71·7	65·8	60·0	59·1	55·4	51·4	51·8	53·4	58·2	63·6	66·0	60·7
1897	72·4	69·2	68·3	63·0	59·1	56·9	56·4	52·8	58·1	57·4	62·9	66·9	62·0
1898	70·4	73·0	69·0	62·8	60·6	53·5	56·4	57·7	59·7	60·2	62·1	67·9	62·8
899	70·4	71·3	69·0	62·6	58·9	56·4	55·0	56·0	57·0	61·4	61·9	68·4	62·4
Mean for 18 years	69·6	70·0	67·8	62·3	58·3	55·3	54·2	54·1	55·8	58·6	63·8	67·5	61·4

Highest Temperature in Month.

1880	94·2	95·7	84·7	84·7	71·7	69·7	68·2	66·7	78·2	75·1	85·2	87·2	95·7
1881	—	—	—	—	—	—	—	—	—	—	—	—	—
1882	96·0	96·0	94·0	85·0	78·0	69·0	68·0	69·0	69·0	78·0	84·0	95·0	96·0
1883	90·0	89·0	84·0	83·0	77·0	74·0	70·0	69·0	75·0	82·0	95·0	90·0	95·0
1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	99·0	91·0	92·0	78·0	72·0	71·0	72·0	68·0	73·0	80·0	89·0	97·0	99·0
1886	93·0	92·0	90·0	84·0	74·0	75·0	67·0	66·0	75·0	81·0	88·0	90·0	93·0
1887	87·0	89·0	88·0	79·0	75·0	69·0	73·0	72·0	74·0	86·0	91·0	90·0	91·0
1888	100·0	91·0	97·0	82·0	84·0	80·0	70·0	72·0	71·0	89·0	95·0	105·0	105·0
1889	99·0	96·0	88·0	82·0	78·0	74·0	69·0	73·0	69·0	80·0	81·0	95·0	99·0
1890	95·0	90·0	84·0	91·0	73·0	73·0	69·0	70·0	72·0	71·0	86·0	97·0	97·0
1891	91·0	96·0	90·0	84·0	73·0	71·0	68·0	68·0	69·0	76·0	86·0	84·0	96·0
1892	99·0	96·0	87·0	78·0	77·0	65·0	65·0	66·0	71·0	73·0	82·0	91·0	99·0
1893	94·0	97·0	91·0	75·0	71·0	69·0	65·0	67·0	79·0	68·0	80·0	92·0	97·0
1894	94·0	88·0	97·0	82·0	82·0	69·0	69·0	69·0	70·0	83·0	96·0	97·0	97·0
1895	87·0	92·0	93·0	80·0	74·0	68·0	64·0	63·0	63·0	73·0	94·0	90·0	94·0
1896	100·0	95·0	90·0	78·0	70·0	70·0	61·0	62·0	69·0	76·0	78·0	95·0	100·0
1897	101·0	98·0	96·5	89·5	74·2	68·5	69·8	69·1	70·0	75·5	90·2	96·5	101·0
1898	101·0	101·5	88·0	83·0	76·8	65·5	70·5	73·0	83·8	89·2	83·5	93·5	101·5
1899	96·2	101·2	92·0	86·2	80·2	71·8	72·2	69·8	76·2	85·5	81·2	101·5	101·5
Highest ...	101·0	101·5	97·0	91·0	84·0	80·0	73·0	73·0	83·8	89·2	96·0	105·0	105·0

* Not included in means. — Signifies "no record."

BUNBURY.

Lowest Temperature in Month.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1880	52·6	48·1	51·4	43·6	40·1	37·6	38·1	36·6	37·8	37·6	47·1	45·6	36·6
1881	—	—	—	—	—	—	—	—	—	—	—	—	—
1882	46·0	54·0	48·0	47·0	33·0	38·0	39·0	39·0	40·0	43·0	43·0	49·0	33·0
1883	48·0	48·0	46·0	45·0	38·0	46·0	36·0	35·0	35·0	38·0	46·0	53·0	35·0
1884	—	—	—	—	—	—	—	—	—	—	—	—	—
1885	49·0	47·0	45·0	46·0	41·0	38·0	37·0	37·0	33·0	38·0	39·0	45·0	33·0
1886	45·0	50·0	48·0	43·0	39·0	40·0	36·0	36·0	37·0	36·0	44·0	44·0	36·0
1887	46·0	46·0	45·0	41·0	40·0	34·0	33·0	33·0	35·0	39·0	40·0	46·0	33·0
1888	45·0	50·0	54·0	44·0	38·0	42·0	39·0	34·0	38·0	39·0	43·0	50·0	34·0
1889	42·0	52·0	45·0	46·0	40·0	36·0	32·0	37·0	37·0	38·0	44·0	48·0	32·0
1890	46·0	48·0	41·0	42·0	43·0	34·0	35·0	35·0	39·0	40·0	42·0	48·0	34·0
1891	45·0	43·0	45·0	43·0	36·0	35·0	35·0	35·0	35·0	34·0	44·0	41·0	34·0
1892	45·0	45·0	48·0	38·0	35·0	35·0	35·0	33·0	35·0	35·0	41·0	41·0	33·0
1893	43·0	42·0	43·0	39·0	38·0	34·0	33·0	34·0	39·0	40·0	45·0	47·0	33·0
1894	45·0	50·0	42·0	38·0	35·0	41·0	37·0	36·0	41·0	41·0	43·0	52·0	35·0
1895	46·0	47·0	50·0	45·0	40·0	48·0	49·0	49·0	48·0	48·0	48·0	52·0	40·0
1896	49·0	52·0	47·0	45·0	45·0	42·0	36·0	38·0	42·0	43·0	46·0	50·0	36·0
1897	51·0	50·0	47·5	41·8	40·2	37·5	41·4	33·2	42·2	39·8	45·8	46·8	33·2
1898	50·2	51·3	48·2	45·8	43·5	35·2	39·2	40·8	43·5	41·8	45·0	50·2	35·2
1899	46·5	53·7	45·7	40·7	37·9	41·7	36·9	37·7	32·2	44·9	45·9	48·2	32·2
Lowest ...	42·0	42·0	41·0	38·0	33·0	34·0	32·0	33·0	32·2	34·0	39·0	41·0	32·0

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1880	7	5	...	...	...	3	6	3	2	...	...	...
*1881	—	—	—	—	—	—	—	—	—	—	—	—
1882	3	7	1	...	6	7	5	3	1	...	...	3
1883	1	...	...	...	1	...	3	4	6	...	1	1
*1884	—	—	—	—	—	—	—	—	—	—	—	—
1885	8	2	3	..	...	4	4	3	3	...	...	10
1886	2	2	2	...	3	2	13	5	1	...	...	2
1887	...	...	...	...	2	10	8	11	3	...	1	2
1888	1	2	7	...	1	...	1	15	5	...	1	4
1889	2	1	...	...	3	11	4	6	3	...	...	2
1890	6	2	...	1	...	4	12	3	1	...	...	2
1891	1	3	1	...	4	4	10	5	11	...	...	...
1892	5	3	...	...	5	10	10	4	6	...	...	1
1893	4	7	3	...	5	11	8	3	2	...	...	1
1894	5	...	1	...	2	...	5	2	...	...	2	3
1895	...	2	3	...	1	...	...	...	...	...	2	2
1896	4	1	2	...	...	...	8	4	...	...	...	2
1897	6	3	2	...	...	1	...	5	...	...	1	2
1898	7	6	...	...	...	8	1	...	...	...	...	3
1899	6	3	1	...	2	...	4	3	5	...	...	5
Mean for 18 years	4	3	2	...	2	4	6	4	3	...	...	2

Monthly Rainfall.

1877	...	...	...	600	790	410	650	610	...	40	40	40	3180
1878	20	80	290	350	580	520	1640	780	590	200	190	50	5290
1879	340	...	30	...	730	510	320	320	140	350	140	210	3090
1880	8	134	134	193	291	606	403	338	201	26	261	4	2599
1881	95	32	39	87	701	574	618	126	442	80	331	53	3178
1882	...	10	69	610	441	430	807	939	225	95	190	35	3851
1883	1	59	50	127	673	844	364	450	208	176	48	147	3147
1884	91	28	85	151	301	576	626	721	405	353	53	8	3408
1885	154	4	94	334	714	581	773	656	276	215	45	61	3907
1886	3	165	10	20	464	366	851	630	426	182	229	20	3366
1887	25	35	275	242	356	549	1195	615	327	175	96	52	3942
1888	5	18	91	129	408	596	347	355	190	143	177	167	2626
1889	48	225	61	274	896	824	460	369	290	392	134	56	4029
1890	6	36	7	1	620	1462	624	661	793	769	79	316	5374
1891	11	1	202	40	755	963	533	341	680	60	...	15	3601
1892	60	31	193	143	847	413	431	666	214	154	105	27	3284
1893	32	77	160	422	667	287	629	625	647	456	72	39	4113
1894	...	31	53	2	361	772	357	458	337	242	33	92	2738
1895	30	80	12	143	345	1479	856	1062	481	197	40	199	4924
1896	35	2	330	110	333	927	826	419	185	367	75	15	3624
1897	6	11	174	151	453	767	418	457	372	226	227	25	3287
1898	177	3	29	29	292	640	995	682	424	758	175	36	4240
1899	2	30	68	530	394	1137	635	819	215	361	108	54	4353
Mean for 23 years	50	47	107	204	540	704	668	570	351	262	124	75	3702

* Not included in means. ... Signifies "*nil.*" — Signifies "no record."

BUNBURY.

Monthly number of Wet Days.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1880	1	2	5	10	13	16	13	13	7	5	4	1	90
1881	5	1	1	3	14	13	12	4	10	3	7	2	75
1882	..	1	5	16	14	10	18	20	9	5	3	2	103
1883	1	3	6	7	15	25	14	14	9	6	4	5	109
1884	3	1	4	6	9	19	14	20	14	10	5	1	106
1885	4	1	2	9	15	10	19	19	8	7	3	4	101
1886	1	4	2	2	13	12	12	20	16	9	7	1	99
1887	1	4	8	6	6	12	19	16	15	8	5	4	104
1888	1	2	4	7	15	16	10	11	10	10	8	3	97
1889	2	2	5	6	14	22	14	12	14	11	6	5	113
1890	2	1	2	1	16	20	16	19	22	22	3	6	130
1891	3	1	7	4	14	15	15	17	18	7	...	5	106
1892	3	1	3	6	15	15	18	23	9	11	5	5	114
1893	3	6	8	16	15	7	20	17	20	18	3	5	138
1894	...	2	6	1	10	23	14	16	13	12	4	5	106
1895	4	3	1	8	7	16	21	21	21	11	3	8	124
1896	3	1	7	7	15	16	14	10	9	13	6	3	104
1897	2	2	7	7	14	18	16	14	17	14	10	4	125
1898	2	1	3	3	14	16	18	16	17	23	7	3	123
1899	2	4	7	13	10	19	15	15	11	13	5	6	120

... Signifies "*nil*."

KARRIDALE.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1897	30·004	30·050	30·048	30·098	30·116	29·974	30·134	30·149	30·065	30·052	29·999	30·002	30·058
1898	29·984	29·918	30·018	30·229	30·106	30·038	30·062	29·971	30·034	29·902	30·024	29·988	30·023
1899	30·021	30·010	29·992	30·012	30·168	30·012	30·071	30·152	30·162	29·948	30·070	30·014	30·053
Mean for 3 years	30·003	29·993	30·019	30·113	30·130	30·008	30·089	30·091	30·087	29·967	30·031	30·001	30·044

Mean Monthly Temperature.

1897	67·0	66·2	66·2	63·8	60·7	56·0	54·8	52·5	56·4	56·8	61·6	64·0	60·5
1898	66·6	68·4	65·0	59·8	58·2	53·1	55·1	55·1	58·4	58·8	60·4	64·3	60·3
1899	66·0	66·8	64·9	60·6	57·7	54·2	53·8	53·9	53·6	58·6	60·4	65·2	59·6
Mean for 3 years	66·5	67·1	65·4	61·4	58·9	54·4	54·6	53·8	56·1	58·1	60·8	64·5	60·1

Highest Temperature in Month.

1897	93·1	103·1	101·5	92·0	81·1	76·0	67·0	67·8	75·8	74·0	89·2	90·2	103·1
1898	98·0	105·5	92·0	84·0	76·5	65·5	69·0	72·0	82·5	84·2	79·8	95·0	105·5
1899	91·2	105·0	91·5	86·8	77·5	71·0	70·8	67·2	76·2	81·0	77·2	101·0	105·0
Highest ...	98·0	105·5	101·5	92·0	81·1	76·0	70·8	72·0	82·5	84·2	89·2	101·0	105·5

Lowest Temperature in Month.

1897	42·3	41·1	45·0	40·2	33·2	39·5	34·5	36·0	34·5	37·0	38·0	43·0	33·2
1898	44·5	49·0	44·5	36·8	33·5	31·8	36·5	35·8	43·2	37·8	44·5	45·0	31·8
1899	45·0	47·5	43·8	41·2	38·0	34·0	34·2	32·5	31·5	37·8	40·5	43·8	31·5
Lowest ...	42·3	41·1	43·8	36·8	33·2	31·8	34·2	32·5	31·5	37·0	38·0	43·0	31·5

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1897	2	4	2	1	6	1	6	5	3	...	...	1	
1898	1	5	1	...	8	6	4	7	...	...	...	2	
1899	1	2	1	...	2	6	6	8	9	...	...	3	
Mean for 3 years	1	4	1	...	5	4	5	7	4	...	...	2	

Monthly Rainfall.

1894	...	2	83	72	790	831	539	609	394	198	33	155	3704
1895	92	103	20	210	312	1088	1029	1041	526	264	86	267	5038
1896	28	12	307	215	492	804	917	288	106	208	126	25	3528
1897	34	40	143	297	337	770	650	642	402	175	203	15	3708
1898	329	73	58	61	525	735	563	1089	348	788	107	43	4719
1899	4	150	96	562	754	997	470	578	255	339	148	57	4410
Mean for 6 years	81	63	118	236	535	871	695	708	338	329	117	94	4185

Monthly number of Wet Days.

1894	...	1	11	9	15	27	15	23	17	18	6	6	148
1895	9	9	2	13	12	24	25	31	22	10	6	12	175
1896	6	3	8	20	19	18	19	12	8	13	4	3	133
1897	4	4	9	15	11	23	19	21	19	17	10	4	156
1898	3	3	5	6	18	22	26	21	17	25	6	4	156
1899	2	2	13	20	19	22	20	20	17	16	11	6	168

... Signifies "*nil.*"

CAPE LEEUWIN.

Mean Monthly Barometer.

	January.	Februsry.	March.	April.	May.	June.	July.	August.	Septem-ber.	October.	Novem-ber.	Decem-ber.	Year.
1897	29·979	30·006	30·020	30·060	30·075	29·921	30·082	30·100	30·024	30·010	29·961	29·978	30·018
1898	29·962	29·885	29·991	30·199	30·077	29·989	30·013	29·938	29·983	29·844	29·990	29·968	29·987
1899	29·996	29·986	29·964	29·969	30·138	29·985	30·030	30·120	30·131	29·910	30·045	29·987	30·022
Mean for 3 years	29·979	29·959	29·992	30·076	30·097	29·965	30·042	30·053	30·046	29·921	29·999	29·978	30·009

Mean Monthly Temperature.

1897	67·2	66·4	65·8	64·4	60·6	58·3	58·3	56·9	58·9	59·0	62·4	65·0	61·9
1898	68·3	68·6	67·4	64·4	62·4	56·4	57·7	58·2	60·4	59·3	62·4	66·8	62·7
1899	67·5	68·8	67·2	63·0	61·0	57·6	57·0	57·2	57·2	60·3	62·5	66·6	62·2
Mean for 3 years	67·7	67·9	66·8	63·9	61·3	57·4	57·7	57·4	58·8	59·5	62·4	66·1	62·2

Highest Temperature in Month.

1897	86·0	85·0	86·0	89·5	71·2	68·4	66·5	67·0	75·2	70·2	84·0	81·8	89·5
1898	91·6	103·8	82·4	84·5	77·0	65·5	68·0	70·8	79·5	74·6	73·2	91·6	103·8
1899	80·6	100·5	91·0	81·0	77·2	70·2	70·6	67·2	75·3	75·3	73·0	98·4	100·5
Highest	91·6	103·8	91·0	89·5	77·2	70·2	70·6	70·8	79·5	75·3	84·0	98·4	103·8

Lowest Temperature in Month.

1897	51·0	54·8	54·0	53·0	47·5	47·4	47·2	43·8	47·2	47·8	49·0	54·2	43·8
1898	56·6	55·0	58·5	49·0	52·0	46·8	46·5	48·0	50·6	48·8	52·2	53·0	46·5
1899	56·5	58·0	55·2	50·3	51·0	46·8	43·0	45·0	43·8	45·4	52·5	54·0	43·0
Lowest	51·0	54·8	54·0	49·0	47·5	46·8	43·0	43·8	43·8	45·4	49·0	53·0	43·0

Number of Days over 90° (October–April, inclusive) and Nights below 40° (May–September).

1897	...	...	...	...	...	...	...	...	...	...	...	...	
1898	1	1	...	...	...	...	...	...	...	...	...	1	
1899	...	1	1	...	...	...	...	...	...	...	...	1	
Mean for 3 years	...	1	...	...	...	...	...	...	...	...	...	1	

Monthly Rainfall.

1897	30	30	150	211	255	528	531	472	264	186	244	28	292
1898	160	55	61	57	436	583	507	740	314	726	134	44	381
1899	15	156	107	458	638	821	467	436	173	282	114	48	371
Mean for 3 years	68	80	106	242	443	644	502	549	251	398	164	40	348

Monthly number of Wet Days.

1897	—	—	—	12	18	22	17	19	22	16	12	4	16
1898	4	3	5	10	15	22	25	20	18	26	8	5	16
1899	5	7	13	20	22	24	22	21	19	19	13	12	19

... Signifies "*nil.*" — Signifies "no record."

KATANNING.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July	August	September.	October.	November.	December.	Year.
1897	29·986	29·993	30·022	30·082	30·140	30·000	30·149	30·130	30·055	30·004	29·950	29·936	30·037
1898	29·914	29·884	29·972	30·202	30·152	30·053	30·082	29·999	30·028	29·893	29·969	29·933	30·007
1899	29·974	29·967	29·980	30·010	30·166	30·056	30·118	30·186	30·148	29·950	30·027	29·965	30·046
Mean for 3 Years.	29·958	29·948	29·991	30·098	30·153	30·036	30·116	30·105	30·077	29·952	29·982	29·945	30·030

Mean Monthly Temperature.

1894	69·9	67·0	65·8	60·7	54·9	52·6	48·2	50·4	52·7	54·6	65·8	69·0	59·3
*1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	73·0	70·4	67·3	60·8	54·6	50·8	48·4	50·3	54·5	61·6	64·8	66·8	60·3
1897	72·0	67·4	65·3	61·5	54·1	50·9	50·6	49·1	54·8	55·2	64·0	67·6	59·4
1898	72·8	71·1	68·2	59·5	54·6	49·0	50·6	52·4	56·1	57·3	63·0	69·2	60·3
1899	69·2	71·2	66·7	59·9	54·5	50·8	48·8	50·8	52·5	58·7	62·0	70·1	59·6
Mean for 5 Years.	71·4	69·4	66·6	60·5	54·5	50·8	49·3	50·6	54·1	57·4	63·9	68·5	59·8

Highest Temperature in Month.

1894	104·0	102·0	103·0	91·0	78·0	67·0	66·0	67·0	80·0	92·0	97·0	104·0	104·0
1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	111·0	103·0	99·0	84·0	76·0	70·0	64·0	67·0	88·0	90·0	91·0	100·0	111·0
1897	105·0	96·0	102·0	95·1	79·0	65·8	65·2	66·9	76·1	81·2	96·0	100·8	105·0
1898	105·5	109·0	101·0	83·0	78·0	63·8	68·2	75·1	79·0	83·2	94·2	105·8	109·0
1899	106·0	105·8	94·0	96·2	77·5	71·5	68·1	71·2	79·5	84·0	92·0	104·2	106·0
Highest ...	111·0	109·0	103·0	96·2	79·0	71·5	68·2	75·1	88·0	92·0	97·0	105·8	111·0

Lowest Temperature in Month.

1894	41·0	41·0	39·0	34·0	34·0	32·0	27·0	31·0	32·0	33·0	37·0	47·0	27·0
1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	43·0	41·0	42·0	36·0	31·0	31·0	27·0	31·0	30·0	33·0	36·0	41·0	27·0
1897	43·0	37·9	42·2	37·0	32·0	29·7	31·5	31·0	30·0	31·0	37·0	41·0	29·7
1898	42·0	42·0	40·0	33·0	30·5	29·5	29·8	30·8	36·5	36·0	37·0	41·0	29·5
1899	44·2	46·5	41·0	36·0	34·8	32·8	27·8	31·0	29·8	36·5	37·0	41·0	27·8
Lowest ...	41·0	37·9	39·0	33·0	30·5	29·5	27·0	30·8	29·8	31·0	36·0	41·0	27·0

Number of Days over 90° (October-April inclusive), and Nights below 40° (May-September).

1894	13	7	5	1	7	5	20	15	19	1	6	11	
*1895	—	—	—	—	—	—	—	—	—	—	—	—	
1896	14	10	5	...	12	16	19	19	13	1	2	4	
1897	11	7	3	2	7	12	16	20	10	...	2	7	
1898	12	9	9	...	15	14	14	8	3	...	3	9	
1899	10	9	5	1	9	9	20	15	13	...	1	16	
Mean for 5 Years.	12	8	5	1	10	11	18	15	12	...	3	9	

Monthly Rainfall.

1891	...	1	115	2	249	278	150	156	148	109	2	26	1236
1892	58	45	224	78	201	224	147	290	184	74	43	...	1568
1893	...	12	189	145	156	100	250	250	262	126	34	97	1621
1894	2	78	238	2	145	239	183	173	93	93	27	20	1293
*1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	29	11	221	64	144	192	362	165	45	54	79	74	1440
1897	2	11	40	40	157	257	167	172	199	123	78	28	1274
1898	83	...	2	16	71	302	534	293	128	267	60	14	1770
1899	...	311	18	151	125	251	249	180	158	222	107	12	1784
Mean for 8 Years.	22	59	131	62	156	229	255	210	152	134	54	34	1498

Monthly number of Wet Days.

1891	...	1	5	2	15	14	8	11	13	7	1	1	78
1892	3	2	8	4	13	13	12	17	10	6	3	...	91
1893	...	2	7	10	10	—	—	—	17	17	9	9	—
1894	2	2	10	1	14	18	15	14	9	12	5	5	107
1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	4	1	10	7	12	15	20	12	7	7	5	3	103
1897	1	2	4	5	8	12	10	10	8	5	6	2	73
1898	1	...	1	2	6	14	12	14	12	18	4	2	86
1899	...	6	4	9	7	12	12	9	10	16	7	2	94

* Not included in mean. ... Signifies "*nil.*" — Signifies "no record."

ALBANY.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
*1880	29·970	30·014	30·042	30·031	30·018	30·032	30·160	29·983	30·112	30·083	30·066	30·037	30·046
*1881	29·987	30·092	30·143	30·138	30·045	29·997	30·172	30·240	30·146	30·186	29·964	29·941	30·088
*1882	30·030	30·039	30·049	29 949	30·086	30·101	30·034	29·946	30·029	30·048	30·077	29·980	30·031
*1883	30·032	30·075	30·057	30·052	29·975	29·873	30·137	30·053	30·188	30·124	30·014	29·915	30·041
*1884	30·037	30·057	30·030	30·092	30·168	29·973	30 193	29·898	30·050	30·068	29·987	29·975	30·044
1885	30·044	30·071	30·108	30·148	30·058	30·238	30·066	29·973	30·124	30·152	30·120	30·012	30·093
1886	30·082	30·020	30·089	30·182	30·110	30·209	30·077	29·918	29·933	30·084	30·080	30·070	30·071
1887	29·994	30·059	30·092	30·125	30·134	30·118	30·050	30·021	30·038	30·088	30·118	30·042	30·073
1888	29·991	30·076	30·154	30·180	30·076	30·044	30·201	30·128	30·146	30·133	30·004	30·018	30·096
1889	30·052	30·024	30·145	30·072	29·992	29·898	30·164	30·078	30·006	30·000	29·916	29·960	30·026
1890	29·996	30·014	30·109	30·151	30·041	29·978	30·128	30·054	29·999	29·828	30·152	29·985	30·036
1891	30·032	30·078	30·061	30·208	30·070	30·130	30·218	30·138	30·120	30·110	30·152	29·984	30·108
1892	30·046	30·049	30·030	30·189	30 127	30·157	30·064	29·908	30·057	30·078	29·983	29·980	30·056
1893	30·002	29·976	30·134	29·926	29·968	30·142	29·966	30·142	29·904	29·931	30·064	29·962	30·010
1894	30·050	30·128	30·060	30·158	30·145	29·998	30·160	30·051	30·059	30·036	30·062	30·004	30·076
1895	30·002	30·062	30·182	30·172	30·196	30·028	30·048	29·896	30·004	30·036	30·117	29·955	30·058
1896	29·980	30·066	30·010	30·065	30·146	29·994	30·019	30·132	30·158	30·042	30·044	30·034	30·058
1897	30·044	30·055	30·078	30·092	30·132	29·970	30·128	30·115	30·052	30·012	29·984	30·008	30·056
1898	30·002	29·954	30·026	30·235	30·136	30·020	30·042	29·976	30·008	29·859	29·998	29·999	30·021
1899	30·042	30·030	29·996	29·998	30·158	30·030	30·075	30·172	30·170	29·944	30·048	30·009	30·056
Mean for 15 years	30·024	30·044	30·085	30·127	30·099	30·064	30·094	30·047	30·052	30·022	30·056	30·001	30·060

Mean Monthly Temperature.

1880	66·9	68·5	64·6	61·4	58·3	53·2	53·5	54·0	55·7	56·2	60·0	64·0	59·7
1881	63·2	66·8	66·5	61·4	57·8	52·5	53·4	53·8	55·8	57·0	61·3	64·0	59·5
1882	63·8	66·8	63·6	61·1	55·8	52·6	52·2	53·2	55·4	57·0	58·8	63·8	58·7
1883	63·4	64·4	61·6	61·7	57·6	55·2	52·4	51·8	52·9	56·0	58·8	65·1	58·4
1884	64·6	65·7	64·2	59·7	57·0	52·4	51·2	55·4	54·8	56·9	61·4	60·4	58·6
1885	65·4	63·6	62·5	60·0	55·8	54·0	53·9	52·6	53·2	57·3	60·0	64·9	58·6
1886	63·4	65·6	64·6	59·9	56·6	53·9	51·2	51·4	55·4	54·4	60·0	62·4	58·2
1887	62·6	63·6	61·0	58·4	55·2	51·4	51·8	51·8	53·6	58·0	61·7	65·4	57·9
1888	65·6	65·0	66·4	61·6	57·4	53·4	52·4	51·6	54·8	58·4	64·8	66·2	59·8
1889	67·0	66·8	64·8	62·3	55·6	52·0	51·0	51·4	53·2	55·3	58·8	62·4	58·4
1890	65·0	66·0	63·6	61·9	57 6	52·8	49·9	51·8	54·2	54·6	60·0	63·0	58·4
1891	63·4	65·4	65·3	63·4	57·8	53·4	53·3	53·6	54·4	57·4	63·4	64·6	59·6
1892	64·8	64·8	63·0	60·6	57·0	52·9	51·2	51·4	54·8	55·8	59·3	65·2	58·4
1893	64·6	65·0	65·9	59·2	56·2	52·0	52·0	53 0	54·7	56·3	59·8	64·4	58·6
1894	65·3	64·4	64·4	61·4	56·8	55·4	52·4	53·5	54·9	56·8	60·7	65·0	59·3
1895	64·1	63·2	64·8	58·9	57·5	54·0	52·4	56·0	55·7	60·2	62·0	64·1	59·4
1896	66·8	66·8	64·4	60·4	58·0	55·2	51·4	53·8	55·0	60·4	61·2	63·2	59·7
1897	65·1	64·1	63·9	61·8	57·2	54·5	54·2	52·8	56·7	56·0	61·0	62·8	59·2
1898	65·8	66·8	64·6	60·9	58·4	53·0	53·8	55·4	57·5	58·3	60·0	63·6	59·8
1899	64·6	66·8	64·6	60·1	57·4	54·4	53·0	54·1	54·0	58·4	59·5	64·0	59·2
Mean for 20 years	64·8	65·5	64·2	60·8	57·0	53·4	52·3	53·2	54·8	57·0	60·6	63·9	59·0

Highest Temperature in Month.

1880	85·8	100·3	79·8	76·3	70·0	63·3	68·3	64·3	71·8	80·3	73·3	89·3	100·3
1881	76·3	86·3	88·3	81·3	69·8	65·0	62·8	70·3	72·8	72·3	70·8	95·8	95·8
1882	84·3	89·3	78·3	72·3	72·8	63·3	64·3	64·3	71·3	87·3	76·8	83·3	89·3
1883	86·3	79·3	77·3	85·3	71·8	66·3	64·8	64·3	68·3	76·8	76·8	91·3	91·3
1884	78·8	80·3	83·3	73·8	69·8	62·8	64·3	71·8	68·8	78·3	90·3	71·3	90·3
1885	79·8	79·3	81·8	74·3	69·3	63·3	64·8	68·8	70·3	83·8	80·8	91·3	91·3
1886	80·3	92·8	84·8	78·3	76·3	65·3	64·3	64·3	77·3	80·3	82·8	96·3	96·3
1887	78·3	74·3	80·3	70·3	66·8	61·3	62·3	64·3	71·3	82·8	84·3	92·3	92·3
1888	81·3	84·8	83·3	83·3	69·3	66·3	65·3	66·3	79·3	79·3	88·3	84·3	88·3
1889	85·3	79·3	87·3	81·3	73·3	66·3	59·3	62·3	60·3	68·3	69·3	81·0	87·3
1890	75·3	74·3	72·3	74·3	70·3	62·3	53·9	60·3	61·3	66·3	80·3	74·3	80·3
1891	71·3	82·0	82·0	89·0	74·0	63·0	65·0	65·0	70·0	70·0	93·0	79·0	93·0
1892	83·0	88·0	85·0	81·0	78·0	65·0	69·0	68·0	76·0	72·0	86·0	94·0	94·0
1893	80·0	94·0	95·0	73·0	74·0	69·0	65·0	71·0	75·0	76·0	77·0	91·0	95·0
1894	90·0	90·0	98·0	84·0	79·0	70·0	66·0	69·0	78·0	80·0	83·0	100·0	100·0
1895	94·0	88·0	90·0	80·0	78·0	79·0	66·0	72·0	69·0	88·0	80·0	98·0	98·0
1896	99·0	89·0	91·0	84·0	78·0	75·0	68·0	74·0	81·0	88·0	78·0	83·0	99·0
1897	85·8	81·8	89·0	98·8	80·0	68·8	69·0	70·0	80·5	77·8	89·0	83·8	98·8
1898	82·8	94·4	93·0	86·1	76·8	67·0	71·9	77·5	73·4	78·8	86·5	90·8	94·4
1899	92·0	87·8	90·8	87·8	78·8	73·5	73·5	71·5	81·4	79·0	76·8	103·0	103·0
Highest ...	99·0	100·3	98·0	98·8	80·0	79·0	73·5	77·5	81·4	88·0	93·0	103·0	103·0

* Previous to 1885 Readings were not taken at 9 and 3; these years are not included in the means.

ALBANY.

Lowest Temperature in Month.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1880	56·2	53·6	52·6	47·6	48·6	43·1	40·6	40·6	44·1	45·1	47·1	51·6	40·6
1881	50·6	56·6	52·6	45·6	43·6	41·0	42·1	41·6	45·1	48·6	52·1	53·6	41·0
1882	51·6	54·6	49·1	49·1	43·1	39·6	41·1	43·1	44·6	44·1	44·6	51·0	39·6
1883	50·1	54·1	49·1	48·6	44·6	46·1	40·6	41·1	42·1	42·1	43·1	52·1	40·6
1884	50·6	51·6	51·1	43·1	45·1	40·6	37·6	44·1	42·1	42·1	47·6	49·1	37·6
1885	53·6	52·1	48·6	45·1	44·6	43·6	40·6	42·1	40·6	45·1	43·1	47·1	40·6
1886	51·6	52·6	50·6	39·6	43·1	40·1	41·1	42·6	43·6	42·1	47·1	51·6	39·6
1887	48·6	54·6	46·6	45·1	44·6	41·6	39·6	40·1	39·6	44·1	49·6	46·6	39·6
1888	53·6	51·1	53·6	47·6	47·6	40·6	41·1	39·6	40·6	42·6	48·6	53·6	39·6
1889	52·1	54·6	55·6	52·6	43·6	40·6	41·6	38·6	43·6	44·6	48·6	50·6	38·6
1890	53·6	55·6	54·6	48·6	44·6	42·6	40·6	41·6	44·6	44·6	46·6	48·6	40·6
1891	52·6	50·6	53·0	48·0	45·0	40·0	43·0	40·0	43·0	47·0	50·0	53·0	40·0
1892	54·0	42·0	41·0	45·0	42·0	36·0	33·0	36·0	40·0	43·0	44·0	47·0	33·0
1893	45·0	41·0	52·0	43·0	39·0	34·0	30·0	37·0	38·0	41·0	44·0	50·0	30·0
1894	50·0	46·0	46·0	40·0	40·0	41·0	38·0	38·0	37·0	38·0	43·0	49·0	37·0
1895	48·0	44·0	48·0	43·0	39·0	35·0	34·0	40·0	35·0	40·0	41·0	44·0	34·0
1896	48·0	54·0	47·0	42·0	40·0	42·0	31·0	38·0	36·0	41·0	46·0	43·0	31·0
1897	48·0	46·8	41·6	47·2	41·2	35·8	35·2	36·6	37·8	39·4	40·6	42·5	35·2
1898	49·4	52·2	45·2	41·8	42·8	35·4	34·0	38·1	41·8	38·5	45·0	45·0	34·0
1899	48·4	45·8	45·4	41·2	41·4	38·2	34·5	37·5	34·0	40·5	44·2	45·2	34·0
Lowest ...	45·0	41·0	41·0	39·6	39·0	34·0	30·0	36·0	34·0	38·0	40·6	42·5	30·0

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1880	...	2	...	...	...	...	...	...	...	...	...	...	
1881	...	...	...	...	...	...	...	...	...	...	...	1	
1882	...	...	...	...	...	1	...	...	...	...	...	...	
1883	...	...	...	...	...	...	...	...	...	...	...	1	
1884	...	...	...	...	...	...	4	...	...	...	1	...	
1885	...	...	...	...	...	...	...	...	...	...	...	1	
1886	...	1	...	...	...	...	...	...	...	...	...	1	
1887	...	...	...	...	...	...	1	...	1	...	...	1	
1888	...	...	...	...	...	...	...	4	...	...	...	...	
1889	...	...	...	...	...	...	...	1	...	...	...	...	
1890	...	...	...	...	...	...	...	...	...	...	...	...	
1891	...	...	...	...	...	1	...	1	...	...	1	...	
1892	...	...	...	...	...	5	12	10	1	...	...	1	
1893	...	1	1	...	1	4	7	4	3	...	...	1	
1894	1	1	1	...	1	...	3	5	3	...	...	2	
1895	2	...	1	...	2	7	5	1	2	...	...	1	
1896	2	...	1	...	1	...	10	5	3	...	...	...	
1897	...	...	...	2	...	3	2	6	2	...	..	...	
1898	...	2	1	...	...	4	5	2	...	...	...	1	
1899	1	...	1	...	...	1	6	1	5	...	...	1	
Mean for 20 years	...	...	...	...	...	1	3	2	1	...	...	1	

Monthly Rainfall.

1877	90	...	20	140	930	390	650	580	80	140	80	20	3120
1878	60	70	250	390	440	200	590	730	550	140	210	50	3680
1879	150	...	190	200	560	510	310	350	260	360	110	30	3030
1880	103	154	262	418	316	995	477	407	183	191	84	111	3701
1881	120	12	87	218	328	553	205	219	367	56	229	113	2507
1882	96	36	169	413	611	286	505	374	203	158	74	125	3050
1883	69	108	88	137	420	555	571	418	336	230	120	178	3230
1884	130	109	88	234	227	590	271	458	384	278	177	59	3005
1885	13	5	70	234	827	427	217	648	225	114	113	75	2968
1886	45	333	19	202	477	188	599	1124	284	231	87	30	3619
1887	27	47	135	354	262	674	536	542	600	249	50	162	3638
1888	35	18	147	431	575	476	479	389	307	105	258	111	3331
1889	95	123	10	298	400	696	284	493	790	531	165	91	3976
1890	15	130	32	35	590	590	675	753	509	736	75	263	4403
1891	120	4	106	122	285	630	211	342	410	239	19	115	2603
1892	49	51	246	178	802	446	288	588	440	288	206	50	3632
1893	39	100	157	499	516	506	834	610	764	401	141	117	4684
1894	9	19	172	34	537	531	370	439	236	267	60	87	2761
1895	68	263	42	237	249	691	597	578	370	145	26	152	3418
1896	39	52	365	255	174	622	705	256	159	194	172	145	3138
1897	4	77	223	260	213	461	363	541	349	418	262	61	3232
1898	60	262	48	123	199	627	802	466	370	537	88	63	3645
1899	32	137	136	503	455	529	495	353	279	440	155	50	3564
Mean for 23 years	64	92	133	257	456	528	480	503	368	280	129	99	3389

... Signifies "*nil.*"

ALBANY.

Monthly number of Wet Days.

	January.	Februar	March.	April.	May.	June.	July.	August.	Septem-ber.	October.	Novem-ber.	Decem-ber.	Year.
1880	4	5	12	14	11	20	14	18	11	15	5	5	134
1881	10	1	5	14	18	20	12	13	15	10	13	7	138
1882	7	5	10	15	16	14	21	18	13	12	7	6	144
1883	4	9	9	12	13	19	16	18	17	14	9	8	148
1884	8	7	6	10	12	16	12	16	17	9	6	7	126
1885	3	3	6	11	19	11	9	19	10	8	4	4	107
1886	8	7	3	8	14	10	21	20	16	12	4	5	128
1887	3	7	5	9	7	19	22	15	17	11	4	5	124
1888	2	1	2	9	15	13	15	9	13	7	6	6	98
1889	5	4	1	10	13	16	8	13	13	8	4	3	98
1890	2	3	3	3	11	14	17	18	10	15	3	5	104
1891	2	2	5	10	13	14	12	18	18	11	3	9	117
1892	9	1	19	14	23	21	17	24	21	19	12	8	188
1893	11	9	18	20	24	19	20	22	20	19	11	11	204
1894	3	4	17	9	20	22	20	19	14	17	9	5	159
1895	12	7	5	15	18	24	23	26	23	11	8	11	183
1896	6	12	16	21	15	23	24	19	12	11	10	14	183
1897	3	8	8	16	15	22	20	22	16	16	11	8	165
1898	7	10	6	13	17	22	23	19	19	23	10	7	176
1899	5	5	8	19	22	20	18	22	17	20	12	7	175

BREAKSEA.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1897	30·057	30·058	30·088	30·094	30·142	29·975	30·129	—	—	—	—	—	—
1898	29·988	29·946	30·027	30·225	30·133	29·999	30·030	29·971	29·988	29·841	29·976	29·990	30·010
1899	30·032	30·012	29·980	29·982	30·142	30·023	30·064	30·160	30·150	29·936	30·034	29·998	30·043

Mean Monthly Temperature.

1897	63·8	63·8	63·4	61·7	58·5	56·0	56·0	54·0	57·0	56·0	60·2	61·8	59·4
1898	65·0	65·2	64·6	61·4	60·4	54·4	54·8	56·1	57·4	57·4	59·2	63·3	59·9
1899	64·2	65·6	64·6	60·8	58·8	56·0	54·6	55·3	55·2	57·6	59·5	63·3	59·6
Mean for 3 years	64·3	64·9	64·2	61·3	59·2	55·5	55·1	55·1	56·5	57·0	59·6	62·8	59·6

Highest Temperature in Month.

1897	73·4	77·2	85·0	96·4	78·2	68·0	68·0	69·5	79·0	70·0	83·8	76·0	96·4
1898	86·5	81·0	90·5	82·0	76·0	65·0	70·4	72·0	70·5	75·0	74·5	78·0	90·5
1899	76·0	78·2	82·0	83·8	77·2	71·0	71·8	71·0	80·0	70·5	72·2	94·0	94·0
Highest ...	86·5	81·0	90·5	96·4	78·2	71·0	71·8	72·0	80·0	75·0	83·8	94·0	96·4

Lowest Temperature in Month.

1897	54·0	53·0	54·0	47·0	48·0	45·0	47·0	39·4	42·5	43·0	43·2	47·8	39·4
1898	55·5	50·0	52·0	48·8	51·8	43·0	41·0	44·5	47·2	41·5	47·5	52·0	41·0
1899	51·5	51·5	48·0	44·0	46·8	46·2	40·0	44·2	42·0	39·0	47·0	46·0	39·0
Lowest ...	51·5	50·0	48·0	44·0	46·8	43·0	40·0	39·4	42·0	39·0	43·2	46·0	39·0

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1897	...	...	...	1	...	...	...	1	...	...	...	...	
1898	...	...	1	...	...	...	...	...	...	...	...	...	
1899	...	...	...	...	...	...	1	...	...	...	...	1	
Mean for 3 years	...	...	...	...	...	...	...	...	...	...	...	...	

Monthly Rainfall.

*1889	—	—	—	—	—	—	—	194	340	322	110	50	—
1890	19	82	28	35	544	422	380	623	360	515	82	304	3394
1891	76	4	62	17	292	498	277	228	239	174	7	53	1927
1892	44	31	247	117	583	331	207	410	244	196	117	38	2565
1893	32	24	85	344	312	408	382	498	393	266	156	53	2971
1894	9	18	155	25	370	419	291	417	139	207	70	67	2187
1895	76	255	32	186	207	447	439	349	234	102	19	127	2473
1896	41	26	240	212	120	450	483	224	94	130	137	150	2307
1897	2	31	88	199	138	309	243	367	207	362	204	58	2208
1898	41	242	36	81	249	472	687	480	241	448	73	45	3095
1899	21	106	89	341	332	388	348	319	205	387	104	33	2673
Mean for 10 years	36	82	106	156	315	415	374	393	236	279	97	93	2582

Monthly number of Wet Days.

1889	—	—	—	—	—	—	—	12	24	20	13	10	—
1890	4	5	3	4	12	18	20	21	15	21	9	12	144
1891	7	2	9	9	13	18	15	17	17	14	2	7	130
1892	6	1	14	13	21	21	18	15	20	13	8	6	156
1893	7	4	15	20	20	19	20	21	17	17	8	9	177
1894	4	5	15	4	17	20	20	15	13	19	7	4	143
1895	10	5	5	14	12	20	21	19	20	7	5	8	146
1896	5	8	14	—	11	18	21	16	9	13	7	10	—
1897	2	7	6	14	13	20	16	18	11	19	12	13	151
1898	6	12	8	16	17	23	23	17	19	22	9	5	177
1899	7	8	8	20	19	20	15	21	18	19	16	6	177

* Not included in means. ... Signifies "*nil.*" — Signifies "no record."

ESPERANCE.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
*1883	—	—	—	30·077	30·022	29·971	30·174	30·083	30·172	30·120	29·999	29·908	—
*1884	30·016	30·038	30·031	—	—	—	—	—	—	—	—	—	—
1885	30·026	30·047	30·132	30·161	30·078	30·242	30·124	30·009	30·110	30·128	30·112	30·010	30·098
1886	30·056	30·004	30·147	30·172	30·134	30·266	30·089	29·921	29·962	30·056	30·058	30·038	30·075
1887	29·975	30·034	30·082	30·136	30·158	30·134	30·084	30·061	30·042	30·084	30·084	30·014	30·074
1888	29·966	30·044	30·166	30·138	30·069	30·078	30·164	30·132	30·134	30·136	30·013	30·009	30·087
1889	30·032	29·996	30·124	30·087	30·057	29·934	30·204	30 092	30·014	30·000	29 904	29·942	30·032
1890	29·969	29·990	30·116	30·154	30·082	29·988	30·127	30·046	29·964	29·824	30·114	29·966	30·028
1891	29·974	30·066	30·089	30·208	30·108	30·133	30·244	30·176	30·120	30·082	30 138	29·974	30·109
1892	30·028	30·050	30·010	30·207	30·135	30·182	30·114	29·966	30·062	30·048	29·970	29·991	30·064
1893	29·986	29·968	30 124	29·954	30·004	30·160	30·030	30·174	29·924	29·956	30·046	29·957	30·024
1894	30·044	30·128	30·064	30·178	30·160	30·066	30·173	30·070	30·094	30·040	30·062	30·010	30·091
*1895	—	—	—	—	—	—	—	—	—	—	—	—	—
*1896	—	—	—	30·089	30·198	30·070	30·044	30·170	30·174	30·064	30·018	30·005	—
1897	30·006	30·028	30·058	30·090	30·182	30·016	30·167	30·098	30·055	30·005	29·981	29·984	30·056
1898	29·972	29·944	30·030	30·232	30·166	30·017	30·074	30·024	30·026	29·880	29 981	29·976	30·027
1899	30·017	29·995	29·985	30·013	30·149	30·060	30·112	30 206	30·154	29·963	30·020	29·992	30·056
Mean for 13 years	30·004	30·022	30·086	30·133	30·114	30·098	30·131	30·075	30·051	30·016	30·037	29·990	30·063

Mean Monthly Temperature.

*1883	—	—	—	64·5	59·0	57·4	53·9	53·8	56·3	57·9	62·4	68·3	—
*1884	69·6	69·5	67·3	—	—	—	—	—	—	—	—	—	—
1885	67·9	68·3	64·0	62·5	58·3	54·0	55·3	54·6	56·5	61·1	64·5	69·0	61·3
1886	69·2	69·0	69·7	62·7	58·3	54·1	52·7	53·0	57·7	57·2	64·0	65·5	61·1
1887	66·6	66·2	64·7	60·0	55·9	53·1	52·4	53·3	55·3	60·0	64·5	67·7	60·0
1888	69·1	68·3	67·8	64·9	58·7	56·0	53·9	52·9	58·2	61·5	67·5	70·2	62·4
1889	68·7	74·5	67·4	65·3	57·6	53·5	53·1	53·8	57·0	60·0	63·5	67·3	61·8
1890	70·3	70·1	67·3	64·3	60·7	55·2	51·9	54·1	57·6	59·4	61·2	67·0	61·6
1891	66·2	66·9	67·1	64·6	60·8	53·2	53·5	55·6	56·6	58·9	62·3	65·5	60·9
1892	66·8	66·6	67·3	62·6	58·1	53·7	54·1	54·9	57·5	58·9	64·5	69·9	61·2
1893	68·8	69·5	69·0	62·6	60·3	53·6	53·2	55·7	58·4	59·3	62·5	68·3	61·8
1894	68·8	66·9	66·6	62·6	59·5	57·1	54·8	53·4	57·1	59·5	65·5	68·5	61·7
*1895	—	—	—	—	—	—	—	—	—	—	—	—	—
*1896	—	—	—	63·4	60·2	56·1	52·0	55·2	57·4	62·4	65·5	66·5	—
1897	68·8	68·0	66·1	64·6	58·9	56·6	55·0	54·5	58·4	59·1	64·4	66·8	61·8
1898	70·1	69·9	66·6	62·2	59·6	54·2	55·7	57·6	58·8	61·2	62·2	67·0	62·1
1899	66·5	70·0	69·2	63·9	58·6	55·6	53·9	55·4	56·8	61·0	62·6	68·0	61·8
Mean for 13 years	68·3	68·8	67·2	63·3	58·9	54·6	53·8	54·5	57·4	59·8	63·8	67·8	61·5

Highest Temperature in Month.

1883	—	—	—	93·0	82·0	76·0	73·0	73·0	79·0	89·0	91·0	106·0	—
1884	99·0	99·0	106·0	—	—	—	—	—	—	—	—	—	—
1885	102·0	105·0	89·0	88·0	73·0	73·0	77·0	77·0	79·0	91·0	93·0	105·0	105·0
1886	103·0	106·0	98·0	88·0	82·0	70·0	76·0	73 0	81·0	94·0	96·0	103·0	106·0
1887	99·0	98·0	93·0	84·0	77·0	67·0	68·0	71·0	87·0	94·0	93·0	105·0	105·0
1888	99·0	102·0	99·0	94·0	79·0	73·0	73·0	77·0	96·0	91·0	112·0	105·0	112·0
1889	107·0	113·0	100·0	90·0	85·0	73·0	69·0	80 0	87·0	87·0	103·0	106·0	113·0
1890	109·0	103·0	101·0	92·0	86·0	72·0	65·0	75·0	78·0	90·0	82·0	101·0	109·0
1891	93·0	103·0	100·0	92·0	81·0	69·0	71·0	79·0	90·0	74·0	95·0	103·0	103·0
1892	103·0	88·0	90·0	92·0	83·0	69·0	72·0	79·0	83·0	80·0	93·0	106·0	106·0
1893	95·0	109·0	99·0	87·0	84·0	71·0	68·0	73·0	90·0	83·0	87·0	107·2	109·0
1894	95·0	104·0	104·0	91·0	80·0	71·0	70·0	69·0	79·0	86·0	95·0	95·2	104·0
1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	—	—	—	85·0	82·0	77·0	67·0	76·0	96·0	110·0	99·0	92·0	—
1897	117·0	103·0	99·8	99·0	83·6	73·5	75·5	75·0	84·0	82·4	98·0	107·2	117·0
1898	106·2	109·8	104·4	91·2	81·8	69·8	77·6	80·6	84·8	87·2	89·0	99·2	109·8
1899	96·2	101·0	102·4	93·8	79·2	72·8	73·8	82 8	82·4	88·4	95·0	108·0	108·0
Highest ...	117·0	113·0	106·0	99·0	86·0	77·0	77·6	82·8	96·0	110·0	112·0	108·0	117·0

* Not included in means. — Signifies "no record."

ESPERANCE.

Lowest Temperature in Month.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1883	—	—	—	46·0	41·0	42·0	38·0	37·0	39·0	39·0	42·0	51·0	37·0
1884	55·0	53·0	47·0	—	—	—	—	—	—	—	—	—	—
1885	47·0	49·0	44·0	41·0	41·0	38·0	31·0	37·0	38·0	41·0	44·0	42·0	31·0
1886	50·0	47·0	47·0	42·0	42·0	33·0	34·0	37·0	38·0	43·0	47·0	49·0	33·0
1887	48·0	50·0	41·0	41·0	36·0	35·0	37·0	34·0	38·0	40·0	47·0	47·0	34·0
1888	49·0	45·0	45·0	41·0	42·0	39·0	38·0	36·0	43·0	39 0	40 0	52·0	36·0
1889	45·0	49·0	48·0	45·0	38·0	35·0	35·0	35·0	38·0	41·0	46·0	45·0	35·0
1890	47·0	48·0	46·0	43·0	40·0	38·0	36·0	36·0	40·0	39·0	41·0	49·0	36·0
1891	51·0	44·0	46·0	45·0	37·0	33·0	35·0	37·0	37 0	40·0	41·0	46·0	33·0
1892	48·0	44·0	42·0	41·0	39·0	33·0	35·0	34·0	37·0	40·0	46·0	46·0	33·0
1893	47·0	46·0	52·0	44·0	39·0	36·0	32·0	37·0	38·0	37·0	43·0	46·0	32·0
1894	49·0	47·0	50·0	41·0	39·0	40·0	39·0	37·0	38·0	38·0	42·0	45 0	37 0
1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	—	—	—	47·0	34·0	39·0	37·0	34·0	34·0	38·0	46·0	45·0	34·0
1897	50·0	50·0	43·5	43·6	38·2	40·4	35·0	38·6	39·6	36·2	43·2	46·5	35·0
1898	51·2	55·0	45·2	41·8	41·8	35·5	38·2	37·0	42·8	46·6	39·2	44·2	35·5
1899	44·5	49·8	45·6	40·2	40·8	40·0	34·8	39·8	35·2	37·4	40·0	43·2	34·8
Lowest ...	44·5	44·0	41·0	40·2	34·0	33·0	31·0	34·0	34·0	36·2	39·2	42·0	31·0

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

*1883	—	—	—	1	...	...	6	7	1	...	1	3	
*1884	8	7	10	—	—	—	—	—	—	—	—	—	
1885	3	3	...	...	...	2	4	3	2	1	2	4	
1886	5	4	5	...	...	10	5	4	3	1	3	2	
1887	2	1	1	...	3	5	5	7	2	2	2	5	
1888	2	3	2	1	...	3	6	7	...	1	4	4	
1889	3	8	3	1	1	3	9	4	2	...	2	4	
1890	3	2	4	1	1	3	6	2	1	1	...	4	
1891	2	2	3	1	1	10	7	6	2	...	3	1	
1892	4	...	1	1	1	6	13	9	2	...	2	4	
1893	2	5	2	...	1	4	5	3	2	...	...	4	
1894	1	1	1	1	1	1	4	8	1	...	3	3	
*1895	—	—	—	—	—	—	—	—	—	—	—	—	
*1896	—	—	—	...	2	4	7	6	7	1	2	1	
1897	3	3	3	2	1	...	4	2	1	...	4	5	
1898	3	3	3	1	...	4	1	2	...	...	...	3	
1899	2	4	3	1	...	1	7	1	3	...	1	5	
Mean for 13 years	3	3	2	1	1	4	6	4	2	...	2	4	

Monthly Rainfall.

1883	50	47	121	100	299	339	477	348	196	205	57	119	2358
1884	134	35	24	286	223	372	284	463	278	251	132	233	2715
1885	29	11	42	84	432	336	203	403	228	138	135	12	2053
1886	192	152	205	35	117	129	352	640	287	190	152	31	2482
1887	9	73	90	206	173	653	403	365	418	226	135	14	2765
1888	122	218	6	70	355	286	485	326	398	146	79	114	2605
1889	112	8	87	88	432	806	219	431	187	218	114	18	2720
1890	12	38	15	67	363	499	818	595	235	276	26	156	3100
1891	13	10	101	46	109	413	211	156	365	123	113	64	1724
1892	93	3	491	277	459	330	122	310	266	456	65	45	2917
1893	32	4	132	91	539	362	521	379	260	292	88	81	2781
1894	12	5	357	50	251	343	442	337	193	178	15	52	2235
*1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	...	152	...	176	108	214	512	179	62	109	150	82	1744
1897	2	8	37	172	80	214	265	697	193	187	85	320	2260
1898	21	51	...	46	111	550	327	500	251	281	109	6	2253
1899	59	120	58	344	279	228	336	366	243	82	206	18	2339
Mean for 16 years	56	58	110	134	270	380	374	406	254	210	104	85	2441

* Not included in means. ... Signifies "nil." — Signifies "no record."

ESPERANCE.

Monthly number of Wet Days.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1883	—	—	—	9	18	16	15	16	16	10	6	6	—
1884	9	5	5	13	19	16	16	14	16	13	8	11	145
1885	2	5	5	11	20	16	11	21	13	11	7	5	127
1886	7	6	8	2	8	8	20	26	12	13	7	8	125
1887	3	11	10	9	14	19	16	13	17	12	11	7	142
1888	5	5	2	8	14	15	19	11	18	16	10	7	130
1889	9	4	6	10	17	21	15	15	13	13	8	5	136
1890	5	6	5	4	15	16	19	21	18	23	9	13	154
1891	5	4	4	6	14	19	15	12	17	11	4	6	117
1892	4	1	9	10	20	20	15	16	17	19	8	7	146
1893	7	3	14	11	19	15	20	14	16	10	8	6	143
1894	3	3	14	7	10	15	21	13	9	8	3	4	110
1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	...	—	...	10	7	13	20	10	10	3	9	6	—
1897	1	2	5	12	9	12	13	15	8	8	6	8	99
1898	3	6	...	8	8	20	16	16	13	13	4	1	108
1899	4	6	6	11	18	18	13	15	11	16	9	2	129

... Signifies "*nil.*" — Signifies "no record."

EYRE.

Mean Monthly Barometer.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1899	—	29·991	29·980	30·012	30·155	30·086	30·157	30·204	30·150	29·972	29·988	29·991	—

Mean Monthly Temperature.

1899	—	71·2	69·8	66·6	57·4	54·6	51·4	55·4	56·8	62·5	61·6	68·6	—

Highest Temperature in Month.

1899	—	110·0	105·0	95·0	81·0	74·0	73·5	81·0	88·0	95·0	91·5	112·2	112·2

Lowest Temperature in Month.

1899	—	51·0	45·0	43·0	38·5	34·5	30·0	34·5	34·0	35·5	34·5	38·2	30·0

Number of Days over 90° (October-April, inclusive) and Nights below 40° (May-September).

1899	—	3	7	4		2	16	9	4	4	1	9	

Monthly Rainfall.

1885	...	27	29	100	210	131	81	33	176	315	145	2	1249
1886	228	6	20	109	45	36	133	250	76	70	23	25	1021
1887	24	119	2	132	91	153	112	101	76	42	182	27	1061
1888	220	...	13	5	51	230	116	167	60	36	101	19	1018
1889	53	3	102	16	269	300	136	88	50	69	13	...	1099
1890	14	8	10	34	157	314	258	74	124	103	44	24	1164
1891	...	2	28	58	212	358	82	47	88	86	80	53	1094
1892	18	12	85	77	221	89	154	177	177	175	36	23	1244
1893	203	48	16	34	192	177	123	75	37	4	63	111	1083
1894	1	5	73	13	111	41	83	184	25	26	8	43	613
1895	154	11	5	252	135	33	128	27	52	11	23	...	831
1896	57	240	232	32	50	32	142	86	3	4	71	32	981
1897	9	57	37	87	64	247	15	153	37	32	8	2	748
1898	...	2	3	57	108	480	58	106	...	74	9	90	987
1899	207	74	5	24	68	129	49	196	72	21	29	15	889
Mean for 15 years	79	41	44	69	132	183	111	118	70	71	56	31	1005

Monthly number of Wet Days.

1885	...	3	3	8	9	14	11	8	9	7	6	1	79
1886	5	1	1	5	4	10	10	12	6	5	3	4	66
1887	6	9	1	8	11	11	11	13	9	4	6	3	92
1888	9	...	4	2	9	8	12	12	6	6	6	2	76
1889	3	1	6	4	12	13	6	7	7	6	3	...	68
1890	1	1	1	8	11	7	12	8	7	4	6	3	69
1891	...	1	1	5	5	16	8	4	5	6	4	1	56
1892	3	2	12	10	12	11	13	8	9	14	4	4	102
1893	4	3	3	6	12	12	9	6	5	1	5	2	68
1894	1	1	9	1	5	7	13	11	1	4	2	6	61
1895	7	2	2	13	7	9	10	5	9	1	2	...	67
1896	5	4	10	4	5	3	12	8	2	1	5	4	63
1897	3	7	4	5	6	13	5	12	4	2	2	1	64
1898	...	2	1	4	11	16	8	12	...	5	2	4	65
1899	5	5	1	2	6	11	8	14	10	3	5	2	72

... Signifies "*nil.*" — Signifies "no record."

Average Climatological Tables for the Whole Colony.

Mean Monthly Barometers.

		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-West and North Coast.	Wyndham	29·728	29·762	29·804	29·892	29·957	29·988	30·017	30·000	29·931	29·878	29·823	29·780	29·880
	Derby	29·750	29·775	29·828	29·909	29·990	30·007	30·032	30·016	29·970	29·912	29·860	29·824	29·906
	Broome	29·743	29·769	29·793	29·906	29·988	30·013	30·037	30·026	29·977	29·922	29·857	29·827	29·905
	Condon	29·758	29·772	29·801	29·951	30·041	30·040	30·084	30·052	30·000	29·936	29·849	29·773	29·922
	Cossack	29·709	29·744	29·802	29·932	30·008	30·029	30·068	30·048	29·994	29·923	29·854	29·807	29·910
	Onslow	29·773	29·802	29·864	29·978	30·059	30·081	30·122	30·097	30·054	29·993	29·915	29·844	29·965
	Carnarvon	29·789	29·809	29·886	29·972	30·032	30·043	30·096	30·096	30·060	30·010	29·926	29·858	29·965
	Hamelin Pool ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Geraldton	29·890	29·898	29·979	30·078	30·110	30·103	30·150	30·127	30·103	30·069	29·999	29·940	30·037
Inland.	Hall's Creek ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nullagine	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bangemall	—	—	—	—	—	—	—	—	—	—	—	—	—
	Peak Hill	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cue	29·793	29·792	29·868	30·045	30·128	30·095	30·177	30·134	30·065	29·973	29·890	29·815	29·981
	Yalgoo	29·804	29·803	29·890	30·056	30·127	30·083	30·166	30·133	30·079	29·990	29·915	29·838	29·990
	Lawlers	—	—	—	—	—	—	—	—	—	—	—	—	—
	Menzies	29·845	29·868	29·936	30·090	30·167	30·100	30·193	30·140	30·070	29·950	29·909	29·846	30·010
	Kalgoorlie	29·896	29·902	29·973	30·100	30·168	30·086	30·185	30·149	30·089	29·952	29·935	29·892	30·027
	Coolgardie	—	—	—	—	—	—	—	—	—	—	—	—	—
	Southern Cross ...	29·875	29·884	29·951	30·089	30·153	30·067	30·161	30·131	30·076	29·952	29·934	29·881	30·013
	York	29·902	29·934	30·016	30·105	30·124	30·103	30·155	30·118	30·092	30·033	29·987	29·925	30·041
South-West and South Coast.	Perth Gardens ...	29·935	29·954	30·024	30·114	30·116	30·100	30·144	30·112	30·094	30·058	30·024	29·961	30·053
	Perth Observatory	29·939	29·929	29·987	30·117	30·150	30·054	30·141	30·130	30·113	30·012	30·030	29·968	30·048
	Fremantle	29·929	29·942	30·008	30·094	30·091	30·081	30·118	30·084	30·073	30·036	30·011	29·949	30·035
	Rottnest	29·902	29·922	29·977	30·043	30·050	30·044	30·103	30·059	30·083	30·034	29·976	29·931	30·010
	Bunbury	29·960	29·977	30·038	30·113	30·107	30·075	30·115	30·079	30·076	30·043	30·034	29·978	30·050
	Karridale	30·003	29·993	30·019	30·113	30·130	30·008	30·089	30·091	30·087	29·967	30·031	30·001	30·044
	Cape Leeuwin ...	29·979	29·959	29·992	30·076	30·097	29·965	30·042	30·053	30·046	29·921	29·999	29·978	30·009
	Katanning	29·958	29·948	29·991	30·098	30·153	30·036	30·116	30·105	30·077	29·952	29·982	29·945	30·030
	Albany	30·024	30·044	30·085	30·127	30·099	30·064	30·094	30·047	30·052	30·022	30·056	30·001	30·060
	Breaksea	—	—	—	—	—	—	—	—	—	—	—	—	—
	Esperance	30·004	30·022	30·086	30·133	30·114	30·098	30·124	30·075	30·051	30·016	30·037	29·990	30·063
	Eyre	—	—	—	—	—	—	—	—	—	—	—	—	—

Mean Maximum Day Temperatures.

North-West and North Coast.	Wyndham	98·0	98·7	98·2	98·1	93·1	89·2	88·7	91·8	97·0	100·3	101·3	100·1	96·2
	Derby	94·1	93·0	95·8	95·6	89·5	85·6	84·0	88·7	93·2	96·4	98·2	97·6	92·6
	Broome	91·7	90·7	92·5	93·1	87·1	82·1	80·4	85·4	88·4	90·2	93·4	94·0	89·1
	Condon	94·9	93·3	93·4	91·3	82·4	77·5	76·9	80·1	85·5	90·0	97·2	95·3	88·2
	Cossack	98·2	96·8	96·6	90·2	82·4	75·6	75·0	79·2	84·2	91·3	95·3	97·5	88·5
	Onslow	97·8	97·2	96·9	93·0	84·1	77·5	76·6	79·1	83·5	89·5	93·9	97·9	88·9
	Carnarvon	90·1	90·8	91·3	87·4	81·8	78·0	76·4	76·7	79·4	80·7	84·0	86·7	83·6
	Hamelin Pool ...	98·9	95·8	95·5	86·2	77·4	68·4	69·9	71·6	79·0	80·5	90·5	96·1	84·2
	Geraldton	84·4	85·4	83·7	78·6	73·0	68·5	67·5	68·0	70·3	73·2	77·9	82·3	76·1
Inland.	Hall's Creek ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nullagine	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bangemall ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Peak Hill	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cue	102·5	99·2	96·3	85·2	75·0	63·5	67·5	69·3	78·1	81·5	93·4	99·0	84·2
	Yalgoo	100·5	97·0	93·1	83·9	73·4	63·4	66·0	68·1	76·7	79·4	91·2	97·5	82·5
	Lawlers	—	—	—	—	—	—	—	—	—	—	—	—	—
	Menzies	95·8	92·4	89·1	79·9	70·0	61·1	64·4	65·8	74·3	79·3	89·0	94·7	79·6
	Kalgoorlie	93·1	90·3	86·4	78·1	68·7	60·4	63·7	65·1	72·7	77·3	86·9	92·3	77·9
	Coolgardie	93·2	90·6	87·3	78·3	68·8	60·2	63·2	64·9	72·8	78·0	86·9	92·5	78·1
	Southern Cross ...	94·0	91·8	88·3	77·5	68·9	62·3	64·2	65·8	73·0	78·9	87·9	93·6	78·8
	York	91·7	90·2	84·1	76·1	68·0	61·4	60·4	62·4	67·1	73·2	81·8	88·1	75·3
South-West and South Coast.	Perth Gardens ...	88·0	88·6	84·7	77·7	70·2	64·7	63·9	65·5	68·8	72·7	79·3	83·5	75·6
	Perth Observatory	85·5	84·6	81·5	75·0	69·3	62·6	63·8	63·7	67·1	68·3	73·6	81·1	73·0
	Fremantle ...	81·8	82·7	80·1	73·6	68·2	63·4	62·3	62·9	65·4	68·6	74·1	79·6	71·9
	Rottnest	80·6	81·7	78·9	75·1	68·7	64·0	63·0	63·5	65·8	69·3	73·5	78·3	71·9
	Bunbury	81·0	81·2	77·9	71·6	66·9	63·1	62·2	62·1	63·8	67·1	73·6	78·1	70·7
	Karridale	75·9	77·4	75·8	71·4	69·1	62·1	61·6	62·0	6·40	65·8	69·5	74·6	69·1
	Cape Leeuwin ...	73·2	73·4	72·0	69·2	66·3	62·0	62·0	62·5	63·4	64·3	67·5	72·1	67·3
	Katanning	87·9	83·8	80·3	73·5	65·8	59·7	59·1	60·8	65·9	69·7	78·8	84·2	72·5
	Albany	70·7	71·2	70·3	67·5	63·5	59·6	58·9	59·7	61·4	63·4	66·9	70·6	65·3
	Breaksea	69·3	69·6	69·1	66·7	64·2	59·9	60·4	60·3	62·0	62·4	64·8	68·4	64·8
	Esperance	77·3	77·3	76·3	73·3	68·0	62·8	62·6	63·5	66·8	68·9	72·9	77·4	70·6
	Eyre	—	—	—	—	—	—	—	—	—	—	—	—	—

— Signifies "no record."

Average Climatological Tables for the Whole Colony.

Mean Minimum Night Temperatures.

		January	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-West and North Coast.	Wyndham	78·8	78·7	79·4	76·8	71·2	67·6	62·8	66·8	74·0	78·9	80·3	80·4	74·6
	Derby	77·3	76·7	76·2	71·5	64·9	60·5	56·6	60·4	66·0	73·0	77·2	78·9	69·9
	Broome	77·6	77·3	76·1	70·4	60·6	57·3	55·7	55·7	62·8	69·6	75·4	79·3	68·2
	Condon	—	—	75·2	65·4	54·7	55·1	51·2	53·7	57·4	63·9	69·8	74·8	—
	Cossack	78·0	78·0	77·4	72·2	64·4	59·2	57·1	60·3	63·7	69·1	72·5	77·2	69·0
	Onslow	72·7	73·6	71·6	65·9	56·1	52 5	49·5	51·4	54·3	58·9	63·5	68·7	61·6
	Carnarvon	69·8	70·6	69·6	63·8	56·1	51·8	49·8	51·9	55·8	59·3	64·2	67·1	60·8
	Hamelin Pool ...	69·6	68·7	66·8	62·4	55·1	51·6	48·2	48·4	52·0	53·6	59·9	65·0	58·4
	Geraldton	64·1	64·8	63·1	58·8	54·3	51·7	50·0	50·6	51·7	54·1	58·7	61·9	57·0
Inland.	Hall's Creek ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nullagine	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bangemall	—	—	—	—	—	—	—	—	—	—	—	—	—
	Peak Hill	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cue	74·2	71·9	66·9	60·0	50·3	47·1	45·4	46·5	50·9	54·0	62·5	70·1	58·3
	Yalgoo	70·5	69·0	64·8	58·4	48·9	46·4	43·0	43·9	48·3	52·7	59·6	65·5	55·9
	Lawlers	—	—	—	—	—	—	—	—	—	—	—	—	—
	Menzies	68·4	66·3	62·0	55·3	47·2	45·1	42·7	45·3	48·8	52·6	60·5	65·7	55·0
	Kalgoorlie	64·6	63·9	60·3	54·2	47·5	45·6	43·4	45·5	49·1	52·7	57·9	62·3	53·9
	Coolgardie	62·8	62·2	59·0	53·1	46·9	43·8	42·6	44·2	47·6	51·0	57·1	61·4	52·6
	Southern Cross ...	62·2	62·0	57·7	49·5	43·7	42·0	39·1	41·4	43·5	48·7	54·6	60·0	50·4
	York	63·5	63·1	59·7	52·2	46·2	42·8	40·8	41·9	44·6	49·2	56·1	61·2	51·8
South-West and South Coast.	Perth Gardens ...	62·6	62·9	60·9	54·7	50·5	47·1	46·1	47·1	49·4	52·2	57·0	60·4	54·2
	Perth Observatory	63·8	63·8	61·2	56·2	52·3	48·6	48·5	47·6	50·7	53·3	55·7	60·6	55·2
	Fremantle	62·8	63·9	62·3	57·5	53·9	50·4	48·6	49·6	51·1	53·9	57·4	61·8	56·1
	Rottnest	62·5	63·3	61·7	58·3	55·2	51·4	50·3	49·5	50·7	52·2	56·4	59·9	56·0
	Bunbury	58·2	58·9	57·7	53·0	49·8	47·6	46·2	46·2	47·7	50·1	54·0	57·0	52·2
	Karridale	57·2	56·9	55·3	51·5	48·7	46·8	47·5	45·6	48·4	50·3	52·1	54·4	51·2
	Cape Leeuwin ...	62·2	62·5	61·6	58·7	56·4	52·8	53·4	52·3	54·2	54·7	57·4	60·1	57·2
	Katanning	54·8	55·0	53·0	47·5	43·3	41·9	39·5	40·3	42·3	45·2	49·1	52·8	47·1
	Albany	58·8	59·8	58·1	54·1	50·6	47·2	45·8	46·6	48·3	50·6	54·3	57·3	52·6
	Breaksea	59·3	60·2	59·2	55·9	54·2	51·0	49·9	49·9	51·2	51·7	54·5	57·2	54·5
	Esperance	59·3	60·3	58·1	53·3	49·8	46·4	45·1	45·6	48·0	50·6	54·6	58·1	52·4
	Eyre	—	—	—	—	—	—	—	—	—	—	—	—	—

Mean Monthly Temperature.

		January	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-West and North Coast.	Wyndham	88·4	88·7	88·8	87·4	82·2	78·4	75·8	79·3	85·5	89·6	90·8	90·2	85·4
	Derby	85·7	84·8	86·0	83·6	77·2	73·0	70·3	74·5	79·6	84·7	87·7	88·2	81·3
	Broome	84·6	84·0	84·3	81·7	73·8	69·7	68·0	70·6	75·6	79·9	84·4	86·6	78·6
	Condon	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cossack	88·0	87·4	87·0	81·2	73·4	67·4	66·0	69·8	74·0	80·2	83·9	87·4	78·8
	Onslow	85·2	85·2	84·1	79·7	70·9	64·9	63·6	65·6	69·2	74·2	79·0	83·2	75·4
	Carnarvon	80·0	80·7	80·4	75·6	69·0	64·9	63·1	64·3	67·6	70·0	74·1	76·9	72·2
	Hamelin Pool ...	84·2	82·3	81·2	74·3	66·3	60·0	59·1	60·0	65·5	67·0	75·2	80·5	71·3
	Geraldton	74·2	75·1	73·4	68·7	63·6	60·1	58·7	59·3	61·0	63·6	68·3	72·1	66·5
Inland.	Hall's Creek ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nullagine	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bangemall	—	—	—	—	—	—	—	—	—	—	—	—	—
	Peak Hill... ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cue	88·4	85·5	81·6	72·6	62·6	55·3	56·5	57·9	64·5	67·7	77·9	84·6	71·3
	Yalgoo	85·5	83·0	78·9	71·2	61·2	54·9	54·5	56·0	62·5	66·1	75·4	81·5	69·2
	Lawlers	—	—	—	—	—	—	—	—	—	—	—	—	—
	Menzies	82·1	79·3	75·5	67·6	58·6	53·1	53·6	55·5	61·5	65·9	74·7	80·2	67·3
	Kalgoorlie	78·8	77·2	73·4	66·1	58·1	53·0	53·6	55·3	60·9	65·0	72·4	77·3	65·9
	Coolgardie	78·0	76·4	73·1	65·8	57·8	52·0	52·9	54·5	60·2	64·5	72·0	77·0	65·4
	Southern Cross ...	78·1	77·0	73·0	63·5	56·3	52·2	51·7	53·6	57·8	63·8	71·2	76·8	64·6
	York...	77·6	76·7	71·9	64·2	57·1	52·1	50·6	52·2	55·9	61·2	69·0	74·6	63·6
South-West and South Coast.	Perth Gardens ...	75·3	75·8	72·8	66·2	60·4	55·9	55·0	56·3	59·1	62·4	68·2	71·9	64·9
	Perth Observatory	74·6	74·2	71·4	65·6	60·8	55·6	56·2	55·8	58·9	60·8	64·7	70·8	64·1
	Fremantle	72·3	73·3	71·2	65·6	61·0	56·9	55·5	56·3	58·2	61·3	65·7	70·7	64·0
	Rottnest	71·6	72·5	70·3	66·7	62·0	57·7	56·7	56·5	58·2	60·7	64·9	69·1	63·9
	Bunbury	69·6	70·0	67·8	62·2	58·3	55·3	54·2	54·1	55·8	58·6	63·8	67·5	61·4
	Karridale	66·5	67·1	65·4	61·4	58·9	54·4	54·6	53·8	56·1	58·1	60·8	64·5	60·1
	Cape Leeuwin ...	67·7	67·9	66·8	63·9	61·3	57·4	57·7	57·4	58·8	59·5	62·4	66·1	62·2
	Katanning	71·4	69·4	66·6	60·5	54·5	50·8	49·3	50·6	54·1	57·4	63·9	68·5	59·8
	Albany	64·8	65·5	64·2	60·8	57·0	53·4	52·3	53·2	54·8	57·0	60·6	63·9	59·0
	Breaksea	64·3	64·9	64·2	61·3	59·2	55·5	55·1	55·1	56·5	57·0	59·6	62·8	59·6
	Esperance	68·3	68·8	67·2	63·3	58·9	54·6	53·8	54·5	57·4	59·8	63·8	67·8	61·5
	Eyre	—	—	—	—	—	—	—	—	—	—	—	—	—

— Signifies "no record."

Average Climatological Tables for the Whole Colony.

Mean Diurnal Range of Temperature.

		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-West and North Coast.	Wyndham	19·2	20·0	18·8	21·3	21·9	21·6	25·9	25·0	23·0	21·4	21·0	19·7	21·6
	Derby	16·8	16·3	19·6	24·1	24·6	25·1	27·4	28·3	27·2	23·4	21·0	18·7	22·7
	Broome	14·1	13·4	16·4	22·7	26·5	24·8	24·7	29·7	25·6	20·6	18·0	14·7	20·9
	Condon	—	—	18·2	25·9	27·7	22·4	25·7	26·4	28·1	26·1	27·4	20·5	—
	Cossack	20·2	18·8	19·2	18·0	18·0	16·4	17·9	18·9	20·5	22·2	22·8	20·3	19·5
	Onslow	25·1	23·6	25·3	27·1	28·0	25·0	27·1	27·7	29·2	36·6	30·4	29·2	27·3
	Carnarvon	20·3	20·2	21·7	23·6	25·7	26·2	26·6	24·8	23·6	21·4	19·8	19·6	22·8
	Hamelin Pool ...	29·3	27·1	28·7	23·8	22·3	16·8	21·7	23·2	27·0	26·9	30·6	31·1	25·8
	Geraldton	20·3	20·6	20·6	19·8	18·7	16·8	17·5	17·4	18·6	19·1	19·2	20·4	19·1
Inland.	Hall's Creek ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nullagine	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bangemall	—	—	—	—	—	—	—	—	—	—	—	—	—
	Peak Hill	—	—	—	—	—	—	—	—	—	—	—	-	—
	Cue	28·3	27·3	29·4	25·2	24·7	16·4	22·1	22·8	27·2	27·5	30·9	28·9	25·9
	Yalgoo	30·0	28·0	28·3	25·5	24·5	17·0	23·0	24·2	28·4	26·7	31·6	32·0	26·6
	Lawlers	—	—	—	—	—	—	—	—	—	—	—	—	—
	Menzies	27·4	26·1	27·1	24·6	22·8	16·0	21·7	20·5	25·5	26·7	28·5	29·0	24·7
	Kalgoorlie	28·5	26·4	26·1	23·9	21·2	14·8	20·3	19·6	23·6	24·6	29·0	30·0	24·0
	Coolgardie	30·4	28·4	28·3	25·2	21·9	16·4	20·6	20·7	25·2	27·0	29·8	31·1	25·5
	Southern Cross ...	31·8	29·8	30·6	28·0	25·2	20·3	25·1	24·4	28·5	30·2	33·3	33·6	28·4
	York	28·2	27·1	24·4	23·9	21·8	18·6	19·6	20·5	22·5	24·0	25·7	26·9	23·5
South-West and South Coast.	Perth Gardens ...	25·4	25·7	23·8	23·0	19·7	17·6	17·8	18·4	19·4	20·5	22·3	23·1	21·4
	Perth Observatory	21·7	20·8	20·3	18·8	17·0	14·0	15·3	16·1	16·4	15·0	17·9	20·5	17·8
	Fremantle	19·0	18·8	17·8	16·1	14·3	13·0	13·7	13·3	14·3	14·7	16·7	17·8	15·8
	Rottnest	18·1	18·4	17·2	16·8	13·5	12·6	12·7	14·0	15·1	17·1	17·1	18·4	15·9
	Bunbury	22·8	22·3	20·2	18·6	17·1	15·5	16·0	15·9	16·1	17·0	19·6	21·1	18·5
	Karridale	18·7	20·5	20·2	19·9	20·4	15·3	14·1	16·4	15·6	15·5	17·4	20·2	17·8
	Cape Leeuwin ...	11·0	10·9	10·4	10·5	9·9	9·2	8·6	10·2	9·2	9·6	10·1	12·0	10·1
	Katanning	33·1	28·8	27·3	26·0	22·5	17·8	19·6	20·5	23·6	24·5	29·7	31·4	25·4
	Albany	11·9	11·4	12·2	13·4	12·9	12·4	13·1	13·1	13·1	12·8	12·6	13·3	12·8
	Breaksea	10·0	9·4	9·9	10·8	10·0	8·9	10·5	10·4	10·8	10·7	10·3	11·2	10·2
	Esperance	18·0	17·0	18·2	20·0	18·2	16·4	17·5	17·9	18·8	18·3	18·3	19·3	18·2
	Eyre...	—	—	—	—	—	—	—	—	—	—	—	—	—

Highest Temperature ever recorded.

North-West and North Coast.	Wyndham	113·0	120·0	120·0	111·0	104·0	113·0	107·0	105·0	110·0	111·0	113·5	113·0	120·0
	Derby	107·0	105·0	109·0	106·0	102·0	99·0	99·0	102·0	106·0	112·0	111·0	111·0	112·0
	Broome	102·5	101·5	103·0	102·4	97·3	96·9	91·2	98·8	101·0	108·6	111·0	108·9	111·0
	Condon	106·0	113·0	103·8	103·0	98·0	94·0	88·0	93·0	98·8	108·2	112·8	108·5	113·0
	Cossack	119·0	115·0	113·0	105·0	98·0	95·0	92·0	94·0	101·0	110·5	111·7	115.0	119·0
	Onslow	121 0	123·0	116·0	106·0	103·0	94·0	88·0	94·0	103·0	113·0	118·0	121·0	123·0
	Carnarvon	114·0	114·0	112·0	108·0	96·0	90·0	86·0	92·0	97·0	105·0	112·0	117·0	117·0
	Hamelin Pool ...	110·2	111·4	112·8	105·6	89·8	76·0	77·2	79·8	96·8	97·0	109·0	108·2	112·8
	Geraldton	115·0	110·2	109·0	100·0	93·0	84·0	81·0	82·0	93·8	100·0	105·0	110·0	115·0
Inland.	Hall's Creek ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nullagine	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bangemall	—	—	—	—	—	—	—	—	—	—	—	—	—
	Peak Hill	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cue	113·0	113·1	108·2	101·0	91·0	77·0	78·2	86·0	93·2	96·0	108·2	112·0	113·1
	Yalgoo	110·5	111·3	107·7	102·5	92·2	75·0	78·0	85·3	93·6	98·0	107·7	113·5	113·5
	Lawlers	—	—	—	—	—	—	—	—	—	—	—	—	...
	Menzies	113·2	111·5	105·0	98·0	89·0	74·0	77·0	83·8	92·1	95·1	105·0	110·9	113·2
	Kalgoorlie	112·4	112·0	104·0	95·4	88·1	76·4	76·2	82·0	90·8	92·4	103·2	110·0	112·4
	Coolgardie	112·2	112 9	104·2	96·1	88·4	74·0	75·3	81·0	92·0	91·9	105·0	110·2	112·9
	Southern Cross ...	115·0	110·9	106·0	98·0	90·0	79·0	79·0	82·0	95·0	107·0	106·0	113·0	115·6
	York	115·0	115·6	107·0	100·2	85·0	80·0	71·2	78·8	95·0	98·0	105·0	114·5	115·6
South-West and South Coast.	Perth Gardens ...	116·7	113·8	106·2	106·5	92·0	81·0	75·2	83·5	89·0	97·0	105·0	114·0	116·7
	Perth Observatory	107·0	106·8	101·8	97·4	82·4	73·2	73·8	78·2	82·0	86·6	93·5	102·8	107·0
	Fremantle	108·0	106·0	105·0	93·0	86·0	82·0	71·0	73·8	84·0	96·0	100·0	106·0	108·0
	Rottnest	104·5	109·0	101·0	92·5	87·5	77·0	72·5	72·5	80·0	88·5	92·5	102·5	109·0
	Bunbury	101·0	101·5	97·0	91·0	84·0	80·0	73·0	73·0	83·8	89·2	96·0	105·0	105·0
	Karridale	98·0	105·5	101·5	92·0	81·1	76·0	70·8	72·0	82·5	84·2	89·2	101·0	105·5
	Cape Leeuwin ...	91·6	103·8	91·0	89·5	77·2	70·2	70·6	70·8	79·5	75·3	84·0	98·4	103·8
	Katanning	111·0	109·0	103·0	96·2	79·0	71·5	68·2	75·1	88·0	92·0	97·0	105·8	111·0
	Albany	99·0	100·3	98·0	98·8	80·0	79·0	73·5	77·5	81·4	88·0	93·0	103·0	103·0
	Breaksea	86·5	81·0	90·5	96·4	78·2	71·0	71·8	72·0	80·0	75·0	83·8	94·0	96·5
	Esperance	117·0	113·0	104·4	99·0	86·0	77·0	77·6	82·8	96·0	110·0	112·0	108·0	117·0
	Eyre...	—	—	—	—	—	—	—	—	—	—	—	—	—

— Signifies "no record."

Average Climatological Tables for the Whole Colony.

Lowest Temperature ever recorded.

		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-West and North Coast.	Wyndham	69·0	64·0	70·0	65·0	55·0	52·0	50·0	54·0	64·0	68·0	70·0	68·0	50·0
	Derby	68·0	68·0	61·0	49·0	46·0	48·0	42·0	48·0	54·0	60·0	68·0	70·0	42·0
	Broome	68·0	67·0	64·0	55·0	43·0	39·0	38·0	40·0	50·0	55·0	65·0	69·0	38·0
	Condon	—	—	65·0	51·0	42·0	39·2	39·0	37·0	47·0	49·0	59·0	60·0	37·0
	Cossack	60·0	64·0	65·0	61·0	47·0	44·9	45·0	46·0	52·0	54·0	61·0	64·0	44·9
	Onslow	51·0	60·0	54·0	53·0	45·0	38·5	39·0	39·0	44·0	48·0	49·0	53·0	38·0
	Carnarvon	58·2	61·0	54·0	46·0	43·0	38·0	37·0	40·0	41·0	45·0	50·0	52·0	37·0
	Hamelin Pool ...	55·2	58·0	50·6	50·0	44·2	36·2	36·6	35·7	40·0	44·6	46·6	56·2	35·7
	Geraldton	50·0	51·0	48·0	42·0	39·5	35·0	35·0	38·0	40·0	40·0	45·0	49·0	35·0
Inland.	Hall's Creek ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nullagine	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bangemall	—	—	—	—	—	—	—	—	—	—	—	—	—
	Peak Hill	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cue	54·8	57·0	49·5	41·0	35·9	34·0	35·0	31·0	40·5	41·5	48·9	50·5	31·0
	Yalgoo	54 0	56·0	48·6	42·3	40·3	33·8	32·0	31·5	39·0	41·0	47·3	52·3	31·5
	Lawlers	—	—	—	—	—	—	—	—	—	—	—	—	—
	Menzies	48·0	47·8	46·0	37·0	32·1	33·8	32·0	31·0	33·5	41·1	47·0	50·2	31·0
	Kalgoorlie	47·1	48·2	47·5	38·8	34·5	34·0	33·2	34·0	34·9	41·0	47·2	49·0	33·2
	Coolgardie	46·0	47·4	46·0	39·1	36·1	31·5	32·8	33·0	35·0	40·5	47·3	49·8	31·5
	Southern Cross ...	44·0	46·6	40·0	31·7	30·8	28·0	27·0	27·1	31·0	36·1	42·0	47·4	27·0
	York...	45·0	45·8	41·0	34·5	30·0	28·0	27·0	29·0	30·0	34·0	37·0	42·0	27·0
South-West and South Coast.	Perth Gardens ...	46·0	49·0	46·0	41·0	34·0	31·2	33·0	33·6	35·0	38·0	41·0	47·0	31·2
	Perth Observatory	51·5	50·1	45·9	44·5	39·9	36·9	38·1	37·5	39·8	42·2	45·7	49·2	36·9
	Fremantle	47·0	48·5	48·0	43·0	40·0	38·0	37·0	38·0	39·0	40·0	44·0	48·0	37·0
	Rottnest	50·0	52·0	51·0	47·8	40·5	40·5	38·0	36·0	40·0	40·0	42·0	46·0	36·0
	Bunbury	42·0	42·0	41·0	38·0	33.0	34·0	32·0	33·0	32·2	34·0	39·0	41·0	32·0
	Karridale	42·3	41·1	43·8	36·8	33·2	31·8	34·2	32·5	31·5	37·0	38·0	43·0	31·5
	Cape Leeuwin ...	51·0	54·8	54·0	49·0	47·5	46·8	43·0	43·8	43·8	45·4	49·0	53·0	43·0
	Katanning... ...	41·0	37·9	39·0	33·0	30·5	29·5	27·0	30·8	29·8	31·0	36·0	41·0	27·0
	Albany	45·0	41·0	41·0	39·6	39·0	34·0	30·0	36·0	34·0	38·0	40·6	42·5	30·0
	Breaksea	51·5	50·0	48·0	44·0	46·8	43·0	40·0	39·4	42·0	39·0	43·2	46·0	39·0
	Esperance	44·5	44·0	41·0	40·2	34·0	33·0	31·0	34·0	34·0	36·2	39·2	42·0	31·0
	Eyre..	—	—	—	—	—	—	—	—	—	—	—	—	—

Mean Monthly Rainfall.

		No. of Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-West and North Coast.	Wyndham	13	868	601	415	83	46	15	44	...	16	64	222	427	2801
	Derby	14	798	769	419	93	153	77	16	13	...	3	129	517	2988
	Broome	10	592	816	423	33	41	83	1	...	...	4	39	393	2425
	Condon	10	421	287	431	113	38	81	13	9	...	...	17	143	1553
	Cossack	18	184	209	161	141	87	79	62	34	...	1	6	22	986
	Onslow	14	54	69	78	27	158	180	87	47	2	1	2	21	726
	Carnarvon	17	24	60	49	48	64	295	194	56	20	5	6	3	824
	Hamelin Pool	14	13	78	59	32	77	210	164	72	24	10	15	...	754
	Geraldton	22	16	17	37	106	262	463	359	290	116	66	27	9	1768
Inland.	Hall's Creek	9	539	526	316	72	62	16	44	1	11	49	108	385	2129
	Nullagine	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bangemall	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Peak Hill	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cue	5	44	84	64	9	10	195	41	34	12	16	3	21	533
	Yalgoo	3	10	106	59	14	66	250	125	82	35	83	6	10	847
	Lawlers	3	12	100	15	5	54	200	17	58	10	16	26	28	541
	Menzies	3	1	57	4	2	18	194	28	52	21	57	12	15	461
	Kalgoorlie	4	31	36	133	11	36	160	83	88	26	84	30	68	786
	Coolgardie	7	33	65	55	22	95	112	66	79	46	32	45	81	731
	Southern Cross	10	35	30	105	31	118	147	132	101	54	39	47	55	894
	York	23	18	42	65	87	221	322	314	318	138	103	49	37	1714
South-West and South Coast.	Perth Gardens	24	33	43	84	183	487	648	589	570	296	205	87	66	3290
	Perth Observatory ...	3	21	25	58	170	297	613	578	656	242	288	81	15	3044
	Fremantle	22	22	43	71	165	444	584	573	495	255	173	63	65	2953
	Rottnest	18	21	50	53	155	418	669	559	491	254	155	70	55	2950
	Bunbury	23	50	47	107	204	540	704	668	570	351	262	124	75	3702
	Karridale	6	81	63	118	236	535	871	695	708	338	329	117	94	4185
	Leeuwin	3	68	80	106	242	443	644	502	549	251	398	164	40	3487
	Katanning	8	22	59	131	62	156	229	255	210	152	134	54	34	1498
	Albany	23	64	92	133	257	456	528	480	503	368	280	129	99	3389
	Breaksea	10	36	82	106	156	315	415	374	393	236	279	97	93	2582
	Esperance	16	56	58	110	134	270	380	374	406	254	210	104	85	2441
	Eyre	15	79	41	44	69	132	183	111	118	70	71	56	31	1006

— Signifies "no record." ... Signifies "*nil*."

RAINFALL TABLES FOR THE WHOLE STATE.

Vide Introduction (Page 7) for Explanation of Degree Squares.

100 POINTS=1 INCH.

EAST KIMBERLEY DIVISION.

WYNDHAM (1528).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1887	379	359	361	459	5	3	...	...	...	37	52	352	2007
1888	1544	727	20	163	119	...	...	1	3	...	106	897	3580
1889	852	422	203	17	230	10	...	...	59	323	520	502	3138
1890	1831	402	361	55	1	2	...	...	...	16	158	148	2974
1891	869	340	279	26	...	...	...	...	...	...	474	148	2136
1892	284	383	638	...	14	...	...	...	...	52	120	205	1696
1893	631	878	549	84	121	...	...	...	...	23	42	446	2774
1894	424	550	397	40	...	...	...	...	...	179	219	80	1889
1895	674	917	518	6	95	11	524	...	...	...	467	177	3389
1896	1929	1090	293	...	8	...	48	...	29	...	218	687	4302
1897	287	749	155	6	...	...	...	...	50	81	25	660	2013
1898	448	1052	858	39	4	106	...	...	124	61	415	701	3808
1899	944	361	1004	100	...	20	...	...	...	12	105	372	2918
Means ...	853	633	434	77	46	12	44	...	20	60	225	418	2817

ARGYLE DOWNS (1628).

1890	498	303	100	147	...	...	...	...	...	...	59	475	1582
1891	514	354	375	...	...	...	...	...	...	...	229	425	1897
*1892	—	—	—	—	—	—	—	—	—	—	—	—	—
1893	1048	339	408	292	120	...	...	80	...	20	157	504	2968
*1894	—	—	—	—	—	—	—	—	—	—	—	—	—
1895	754	817	133	...	100	55	377	...	...	...	440	555	3231
1896	699	608	320	153	20	...	122	...	...	...	185	565	2672
1897	277	540	...	1	...	...	...	...	43	98	140	713	1812
1898	615	302	839	87	...	153	...	...	117	42	222	614	2991
1899	700	314	1411	32	...	181	...	...	...	32	55	461	3186
Means ...	638	447	448	89	30	49	62	10	20	24	186	539	2542

KOOJUBRIN (1727).

1898	—	—	—	—	—	—	—	—	—	—	—	341	—
1899	718	164	971	5	...	99	...	...	...	68	1	306	2332

ORD RIVER (1728).

1894	385	331	530	45	...	...	...	...	51	223	50	199	1813
*1895	1172	820	105	71	116	...	345	...	...	—	—	—	—
1896	1332	302	225	147	...	...	132	...	...	13	159	631	2941
1897	297	437	15	16	...	...	...	19	60	25	113	661	1643
1898	180	796	470	6	2	18	...	...	120	51	141	392	2176
1899	900	326	1090	...	...	33	...	3	...	45	25	326	2748
Means ...	619	438	466	43	...	10	26	4	46	72	98	442	2264

HALL'S CREEK (1827).

1891	335	160	95	156	6	...	...	...	...	8	72	295	1127
1892	122	330	368	...	...	...	2	...	1	210	176	185	1394
1893	559	603	161	190	177	8	...	8	1	32	59	490	2288
1894	543	960	383	1	...	...	...	2	21	94	18	182	2204
1895	687	724	10	74	255	8	316	...	...	...	356	354	2784
1896	1295	178	535	204	114	...	77	...	...	38	145	464	3050
1897	238	654	114	...	...	23	2	...	...	16	12	313	1372
1898	355	860	533	20	6	...	...	...	75	11	120	667	2647
1899	815	192	538	...	...	80	...	...	...	15	5	294	1939
Means ...	550	518	304	72	62	13	44	1	11	47	107	361	2090

FLORA VALLEY (1828).

1898	—	—	—	—	—	—	—	—	109	43	159	581	—
1899	996	99	448	...	...	100	...	...	...	35	...	390	2068

* Not included in mean. ... Signifies "*nil.*" — Signifies "no record."

Rainfall Tables for Degree Squares.

DENISON DOWNS (1928).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1899	—	201	63	45	...	40	...	...	...	26	...	74	—

WEST KIMBERLEY DIVISION.

OBAGAMA (1623).

1895	—	—	—	—	—	—	—	—	—	—	193	140	—
1896	1571	2166	763	151	...	...	...	...	...	...	220	262	5133
1897	303	941	259	50	...	...	...	...	...	36	180	620	2389
1898	680	705	366	677	88	252	...	...	...	...	274	1315	4357
1899	1460	845	1221	...	...	30	...	...	...	...	95	241	3892

BROOME (1722).

1890	548	566	66	20	5	147	...	...	...	...	93	312	1757
1891	329	60	108	7	64	11	...	...	...	...	51	11	641
1892	160	1271	424	...	14	...	...	...	...	...	...	245	2114
1893	1258	193	302	115	145	279	...	...	...	...	...	489	2781
1894	457	567	367	...	...	...	...	1	...	40	...	3	1435
1895	251	918	350	...	164	67	9	...	...	1	9	93	1862
1896	1289	2358	572	...	...	...	...	...	...	...	...	88	4307
1897	219	429	237	...	...	122	...	...	...	...	28	1196	2231
1898	328	1086	867	174	17	154	...	1	...	...	190	1449	4266
1899	1083	704	932	10	...	49	...	...	...	2	23	57	2860
Means ...	592	815	423	33	41	83	1	...	...	4	39	394	2425

DERBY (1723).

1886	483	1759	887	292	...	...	...	160	...	...	242	65	3888
1887	345	800	391	520	135	105	...	...	...	...	41	175	2512
1888	2022	353	44	53	144	...	...	13	2	2	58	84	2775
1889	607	676	209	...	644	330	...	...	...	...	48	374	2888
1890	872	744	150	12	...	50	...	...	...	...	322	644	2794
1891	564	354	45	33	7	1	...	...	...	...	99	40	1143
1892	222	612	567	...	...	...	43	...	...	...	12	338	1794
1893	886	342	401	125	214	71	...	...	...	...	198	435	2672
1894	279	858	274	18	...	...	...	...	...	64	67	129	1689
1895	556	617	106	...	515	69	102	...	...	1	...	230	2196
1896	995	1235	425	34	...	...	4	...	...	14	...	113	2820
1897	190	674	156	1	...	17	...	...	...	14	106	401	1559
1898	498	693	492	122	63	206	...	...	...	...	399	3014	5487
1899	754	693	1106	36	7	112	...	2	...	10	38	410	3168
Means ...	662	744	375	89	124	69	11	12	...	7	116	461	2670

BALMANINGARRA (1724).

*1885	—	—	—	—	—	—	—	—	—	15	102	1132	—
1886	624	1131	525	...	...	...	...	...	...	...	227	131	2638
1887	232	925	256	655	130	90	...	...	12	10	212	376	2898
1888	1452	378	135	53	...	...	...	...	...	...	...	...	2018
*1889	—	—	—	—	—	—	—	—	—	—	—	—	—
*1890	—	—	—	—	—	—	—	—	—	—	—	—	—
1891	829	654	26	...	...	...	...	...	...	200	50	250	2009
1892	406	119	708	...	...	...	...	...	...	...	27	129	1389
*1893	—	—	—	—	—	—	—	—	—	—	—	—	—
*1894	—	—	—	—	—	—	—	—	—	—	—	—	—
*1895	—	—	—	—	—	—	—	—	—	—	—	—	—
*1896	—	—	—	—	—	—	—	—	—	—	131	586	—
*1897	360	505	...	487	—	—	—	—	—	—	—	—	—
Means ...	709	641	330	142	26	18	...	...	2	42	103	177	2190

LEOPOLD DOWNS (1725).

1899	—	—	—	—	—	—	...	...	...	12	...	348	—

* Not included in mean. ... Signifies "*nil.*" — Signifies "no record."

Rainfall Tables for Degree Squares.

LA GRANGE BAY (1821).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1891	20	133	...	13	12	42	...	...	...	...	2	40	262
1892	37	686	356	...	10	...	136	...	...	...	...	56	1281
1893	1008	267	93	15	...	307	141	...	...	...	4	33	1868
1894	306	622	1127	...	...	...	...	2	...	...	8	6	2071
1895	240	378	291	...	252	98	1	...	...	...	...	...	1260
1896	1334	1233	366	...	...	...	...	...	...	...	...	5	2938
1897	12	443	389	...	...	156	...	...	...	...	8	1055	2063
1898	271	660	628	319	93	226	...	6	...	...	299	1316	3818
1899	525	688	1028	5	3	170	9	4	...	...	...	164	2596
Means ...	417	568	475	39	41	111	32	1	...	...	36	297	2017

THANGOO (1822).

1893	563	200	387	249	143	197	...	...	...	...	...	162	1901
1894	182	600	743	...	...	...	12	...	...	68	...	...	1605
1895	222	748	242	...	113	74	...	...	...	...	6	108	1513
1896	1094	2868	288	...	...	...	...	...	...	...	...	...	4250
1897	192	668	244	...	...	140	...	...	...	...	151	819	2214
1898	140	525	637	494	...	244	...	...	...	...	105	1846	3991
1899	828	591	692	...	...	40	7	...	...	...	...	272	2430
Means ...	460	886	462	106	37	99	3	...	...	10	37	458	2558

MT. ANDERSON (1823).

1899	—	—	—	—	—	—	...	...	...	9	13	396	—

UPPER LIVERINGA (1824).

1898	—	—	—	—	—	—	—	—	—	—	96	1052	—
1899	1682	289	471	...	...	42	...	...	...	73	7	204	2768

FITZROY CROSSING (1825).

1894	903	854	228	...	...	...	...	...	...	37	34	92	2148
1895	446	1671	53	...	125	112	247	...	...	...	65	56	2775
1896	1289	735	341	71	...	...	6	...	...	21	44	158	2665
1897	320	1265	60	...	...	...	...	...	60	10	25	340	2080
1898	355	785	982	52	22	203	...	...	...	...	109	388	2896
1899	724	489	388	5	...	31	...	4	...	5	...	423	2070
Means ...	673	967	342	21	24	58	42	1	10	12	46	243	2439

NORTH-WEST DIVISION.

WALLAL (1920).

1897	—	129	5	6	...	24	3	...	...	2	...	1122	—
1898	119	242	202	446	6	183	...	...	...	...	1	635	1834
1899	498	728	1043	...	6	172	2	13	...	...	...	79	2541

COSSACK (2017).

1882	...	...	861	63	...	62	...	94	...	2	...	12	1094
1883	85	357	...	9	...	104	54	38	...	...	...	8	655
1884	2	185	40	616	97	171	...	284	8	...	...	...	1403
1885	5	275	...	36	258	26	18	...	...	5	...	6	629
1886	10	8	504	...	86	70	63	2	...	...	...	2	745
1887	208	820	1	32	105	133	50	3	...	...	...	2	1354
1888	402	178	...	76	30	93	65	50	...	...	...	2	896
1889	32	...	555	...	486	122	18	29	...	...	...	58	1300
1890	82	122	10	233	300	10	...	...	...	1	52	...	810
1891	1	...	...	...	6	17	...	...	...	...	...	...	24
1892	1	45	545	...	4	...	222	11	...	...	...	1	829
1893	1044	517	...	62	1	79	21	...	...	...	...	7	1731
1894	1096	41	94	...	...	...	21	...	...	...	97	...	1349
1895	36	786	10	...	...	78	116	...	...	...	...	...	1026
1896	1018	60	40	...	...	7	...	...	...	...	...	26	1151
1897	23	21	60	...	...	151	508	...	...	...	...	183	946
1898	398	307	10	2220	86	123	...	...	...	...	3	24	3171
1899	158	364	1597	3	2	275	...	81	...	...	...	56	2536
Means ...	256	227	240	186	81	85	64	33	...	1	8	22	1203

... Signifies "*nil.*" — Signifies "no record."

Rainfall Tables for Degree Squares.

BOODARIE (2018).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1888	426	53	1	19	5	128	2	88	1	1	...	32	756
1889	190	...	350	...	380	50	...	...	...	...	...	10	980
1890	431	100	60	135	190	17	...	...	...	...	350	...	1283
1891	...	...	100	...	...	30	10	...	...	...	...	...	140
1892	...	...	325	...	...	...	50	...	...	...	...	32	407
1893	1577	154	12	359	192	178	11	...	...	...	...	6	2489
1894	1877	185	225	...	...	1	26	...	6	...	5	...	2325
1895	...	158	293	..	53	63	5	...	...	...	...	4	576
1896	460	84	337	...	...	8	...	...	...	...	...	2	891
1897	4	130	93	...	...	80	127	...	...	...	...	624	1058
1898	490	268	57	738	250	85	...	...	...	...	1	160	2049
1899	372	475	1592	...	...	244	...	163	3	...	...	35	2884
Means ...	486	134	287	104	89	74	19	21	1	...	29	76	1320

CONDON (2019).

1888	512	74	...	...	1	89	...	111	...	10	...	55	852
1889	879	209	226	...	324	53	...	...	...	...	35	98	1824
1890	397	222	3	236	23	53	...	...	...	...	84	61	1079
1891	15	...	...	10	14	57	...	...	...	...	10	174	280
1892	...	150	940	...	...	...	74	...	...	...	...	15	1179
1893	736	283	10	231	107	58	3	...	...	...	...	18	1446
1894	1254	427	429	...	...	...	...	...	...	1	38	...	2149
1895	111	153	49	37	109	81	4	...	...	6	3	...	553
1896	674	40	752	...	...	4	...	...	...	...	...	16	1486
1897	25	131	51	1	...	41	28	...	...	...	20	688	985
1898	242	336	141	435	112	182	...	...	...	...	...	183	1631
1899	887	384	1494	...	...	204	...	67	...	...	...	132	3168
Means ...	478	201	341	79	58	68	9	15	...	1	16	120	1386

BAMBOO CREEK (2020).

1895	95	114	52	...	81	95	53	...	...	19	...	60	569
1896	491	68	492	...	...	...	...	...	...	20	...	...	1071
1897	100	222	266	5	...	15	...	...	...	...	...	534	1142
1898	193	368	176	942	197	113	...	...	...	2	105	191	2287
1899	595	348	1489	...	...	245	...	13	...	4	...	230	2924
Means	295	224	495	189	56	94	10	3	...	9	21	203	1599

ONSLOW (2114).

1886	19	10	30	...	...	...	119	9	3	...	...	...	190
1887	5	14	...	56	103	264	274	28	...	...	15	...	759
1888	340	50	...	14	490	338	82	49	...	...	...	4	1367
1889	59	...	340	...	726	293	14	421	...	...	...	4	1857
1890	12	135	5	155	697	81	12	...	...	7	13	...	1117
1891	...	...	...	...	12	248	...	...	...	...	...	...	260
1892	...	105	259	...	55	...	150	28	...	...	...	5	602
1893	72	321	34	101	12	336	169	...	...	...	...	5	1050
1894	115	8	90	...	3	5	7	7	27	...	3	...	265
1895	...	32	188	47	101	177	47	1	...	...	...	...	593
1896	25	1	27	...	1	4	...	13	2	...	...	...	73
1897	...	...	98	1	...	437	285	...	...	...	1	241	1063
1898	105	194	6	5	9	65	1	2	...	...	3	...	390
1899	7	92	18	...	...	265	65	100	...	...	...	36	583
Means	54	67	78	27	158	180	88	47	2	1	3	21	726

CHINGINARRA (2115).

1886	176	62	...	...	...	...	...	...	...	...	...	...	238
*1887	—	—	—	—	—	—	—	—	—	—	—	—	—
1888	394	180	...	...	134	165	156	...	...	...	...	24	1053
1889	47	...	560	...	432	78	7	280	...	...	...	...	1404
1890	189	428	26	172	431	...	...	...	...	...	...	...	1246
1891	7	...	...	...	...	43	...	...	...	...	...	...	50
1892	38	127	250	7	5	...	118	6	...	...	...	39	590
1893	140	302	...	20	12	349	104	...	...	...	...	...	927
1894	123	109	93	6	...	6	5	..	10	...	...	...	352
1895	8	226	72	...	5	119	108	...	...	...	...	...	538
1896	298	89	51	...	...	3	...	...	...	...	...	...	441
1897	...	186	25	29	...	225	246	3	...	...	...	171	885
1898	145	245	108	12	14	91	...	...	2	...	11	3	631
1899	174	594	58	12	...	276	...	87	...	...	...	79	1280
Means	134	196	96	20	79	104	57	29	1	...	1	24	741

* Not included in mean. ... Signifies "*nil*." — Signifies "no record."

FORTESCUE (2116).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Yea
1888	1123	252	6	...	150	503	111	21	...	...	...	97	2263
1889	83	17	446	...	268	137	5	28	...	...	...	...	984
1890	157	282	10	379	2650	72	...	...	...	...	16	...	3566
1891	...	...	...	...	...	42	...	...	...	...	...	...	42
1892	...	20	287	...	65	...	253	8	...	...	...	45	678
1893	248	489	...	21	24	335	86	...	...	...	...	...	1203
1894	335	58	64	...	...	...	12	...	49	...	...	...	518
1895	11	151	6	...	...	98	21	...	...	...	...	...	287
1896	648	10	37	...	...	...	...	...	...	...	...	...	695
1897	...	75	14	...	...	225	361	...	...	...	...	212	887
1898	255	280	205	103	18	84	...	...	7	...	...	...	952
1899	137	270	116	...	...	249	...	94	...	...	...	23	889
Means ...	250	159	99	42	265	145	71	12	5	...	1	31	1080

MT. FLORENCE (2117).

1887	579	239	148	270	111	210	28	2	...	...	...	54	1641
1888	527	199	16	140	65	109	73	56	1	1	...	88	1275
1889	430	288	159	...	110	140	12	55	...	...	12	194	1400
1890	138	317	229	155	81	28	...	...	...	...	317	...	1265
1891	206	76	...	...	...	45	...	...	...	...	85	139	551
1892	126	64	231	...	10	...	147	3	...	...	...	56	637
1893	1030	404	36	210	...	309	130	...	...	...	...	95	2214
1894	2624	150	198	...	...	2	21	...	...	...	...	...	2995
1895	277	713	346	71	...	124	98	...	...	...	...	...	1629
1896	1254	57	139	...	...	...	...	...	...	...	...	65	1515
1897	150	546	105	...	...	241	157	...	...	...	1	72	1272
1898	497	337	2	756	52	70	...	...	...	...	57	33	1804
1899	63	326	462	26	...	243	...	40	...	...	...	86	1246
Means ...	608	286	160	125	33	117	51	12	...	...	36	68	1496

PILBARRA (2118).

1897	—	—	134	...	...	174	85	...	...	1	...	178	—
1898	253	558	15	1646	61	196	...	...	...	...	45	49	2823
1899	226	324	467	...	...	236	...	...	...	5	...	115	1373

MARBLE BAR (2119).

1895	25	370	31	12	66	60	93	...	...	56	...	88	801
1896	644	185	298	...	...	...	...	...	...	...	...	...	1127
1897	76	386	38	...	...	21	14	...	...	...	29	352	916
1898	248	240	191	825	108	138	...	...	6	...	54	65	1875
1899	625	445	923	...	2	160	...	49	...	...	2	139	2345
Means ...	324	325	296	167	35	76	22	10	1	11	17	129	1413

NULLAGINE (2120).

1897	—	—	—	—	—	200	...	...	...	...	2	285	—
1898	261	210	205	513	77	71	...	...	...	...	15	82	1434
1899	1175	173	582	...	...	172	...	20	...	...	...	215	2337

POINT CLOATES (2213).

1898	—	—	—	—	—	112	107	149	3	...	...	10	—
1899	68	31	...	165	14	444	119	100	...	16	...	...	957

YANNALGAL (2214).

1895	...	83	185	...	...	79	74	...	...	...	...	...	421
1896	139	15	89	...	...	...	...	...	...	...	...	...	243
1897	...	...	...	..	...	510	301	...	...	...	...	225	1036

... Signifies "*nil*." — Signifies "no record."

Rainfall Tables for Degree Squares.

NANUTARRA (2215).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1888	466	238	...	...	40	95	45	...	...	...	...	228	1112
1889	...	9	331	...	533	235	19	144	...	...	...	...	1271
*1890	—	—	—	—	156	17	17	...	...	...	...	145	—
1891	...	22	...	...	...	20	...	...	...	...	9	...	51
1892	41	98	301	...	6	...	145	61	...	...	...	...	652
1893	99	293	113	190	117	430	...	...	...	...	...	...	1242
*1894	370	...	98	—	—	—	—	—	—	—	—	—	—
*1895	...	248	71	44	...	111	...	...	...	—	—	—	—
*1896	—	—	—	—	—	—	—	—	—	—	—	—	—
*1897	—	—	—	—	—	—	—	—	—	—	—	—	—
*1898	—	—	—	—	—	90	3	10	4	...	23	9	—
1899	42	642	21	...	...	253	...	57	...	3	...	49	1067
Means ..	108	217	127	31	116	172	35	43	...	1	2	46	898

MT. MORTIMER (2216).

1888	968	89	...	...	97	173	119	9	...	25	...	35	1515
1889	112	127	34	...	322	490	...	155	...	...	...	...	1240
1890	183	383	...	126	153	...	...	...	...	...	389	...	1234
1891	...	8	...	...	2	6	...	...	...	...	5	1	22
*1892	—	—	—	—	—	—	—	—	—	—	—	—	—
1893	115	302	184	198	15	400	...	...	...	...	...	16	1230
*1894	—	—	—	—	—	—	—	—	—	—	—	—	—
1895	...	361	266	50	54	125	98	...	...	...	...	...	954
1896	382	128	144	...	...	14	...	...	...	...	...	78	746
1897	11	28	19	...	...	228	98	...	...	...	...	27	411
1898	136	390	...	...	...	62	...	...	3	...	10	11	612
1899	56	692	58	4	...	256	...	55	...	...	...	100	1221
Means ...	196	251	70	38	64	175	32	22	...	3	40	27	918

MULGA DOWNS (2218).

1897	—	—	—	—	—	—	—	—	—	—	—	55	—
1898	550	220	...	412	69	61	...	...	...	...	40	31	1383
1899	115	722	—	...	...	177	4	30	...	...	...	270	—

GASCOYNE DIVISION.

WILLIAMBURY (2314).

1889	307	...	309	...	424	275	97	12	...	...	...	...	1424
1890	8	85	...	73	381	68	41	13	...	15	104	...	788
1891	23	...	...	2	5	59	4	...	...	...	...	42	135
1892	8	123	164	...	40	3	334	106	19	...	1	4	802
1893	334	162	162	372	25	202	121	...	...	...	...	...	1378
1894	27	52	188	14	5	38	86	...	174	...	2	2	588
1895	...	314	22	...	8	186	27	5	...	...	...	...	562
1896	317	38	116	...	5	51	...	...	2	...	...	...	529
1897	65	93	10	...	18	540	146	8	...	...	1	275	1156
1898	70	634	...	...	...	58	10	33	10	...	7	13	835
1899	12	151	2	26	...	375	2	25	...	1	...	38	632
Means ...	107	150	89	44	83	169	79	18	19	1	10	34	803

TOWERA (2315).

1893	438	198	250	99	16	295	212	...	...	...	...	20	1528
1894	81	62	73	...	3	70	28	45	225	...	76	...	663
1895	...	374	...	121	59	92	22	...	...	5	...	...	673
1896	392	120	145	...	...	12	3	10	...	...	...	6	688
1897	84	132	11	...	3	640	254	1	1	...	1	450	1577
1898	118	574	...	...	...	74	1	5	...	...	15	...	787
1899	50	448	1	14	...	287	...	52	...	...	...	38	890
Means ...	166	273	69	33	12	210	74	16	32	1	13	73	972

* Not included in mean. ... Signifies "*nil.*" — Signifies "no record."

Rainfall Tables for Degree Squares.

ULLAWARRA (2316).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1895	—	—	—	—	—	—	—	...	...	12	...	...	—
1896	158	200	227	...	...	8	6	12	...	...	...	16	627
1897	64	123	102	26	...	235	...	...	...	...	...	113	663
1898	178	355	...	...	...	76	—	—	—	—	22	—	—
1899	50	413	14	12	...	261	...	61	...	...	...	98	909

CARNARVON (2413).

1883	...	...	...	...	89	732	55	10	8	...	...	...	894
1884	...	4	...	...	67	72	172	138	53	4	...	...	510
1885	...	19	16	...	89	147	421	36	1	4	...	...	733
1886	15	50	2	1	33	69	209	51	96	...	...	...	526
1887	...	...	8	2	58	132	226	79	2	...	75	...	582
1888	59	37	...	17	7	247	21	13	34	...	...	...	435
1889	6	...	248	...	323	326	141	20	16	12	...	6	1098
1890	...	64	...	169	180	329	118	77	1	28	11	...	977
1891	...	...	...	...	24	221	7	5	3	4	...	2	266
1892	...	7	273	...	41	159	544	174	3	...	5	1	1207
1893	87	228	18	384	82	462	329	55	7	...	...	...	1652
1894	5	3	...	...	32	130	142	30	65	...	...	...	407
1895	...	61	142	72	5	865	81	30	17	...	...	...	1273
1896	...	31	124	63	...	5	84	57	...	...	...	...	364
1897	...	...	...	34	18	724	441	13	4	4	...	20	1258
1898	232	476	...	...	...	161	98	102	12	...	3	...	1084
1899	...	...	6	71	34	274	154	46	6	8	3	...	602
Means ...	24	58	49	48	64	297	191	55	19	4	5	2	816

WEENAMIA (2414).

1888	626	302	7	10	2	178	23	6	25	10	...	41	1230
1889	8	69	176	19	214	216	138	40	6	32	2	...	920
1890	...	277	20	92	267	187	162	53	...	20	74	...	1152
1891	...	2	...	...	6	60	28	...	...	...	...	1	97
1892	1	13	245	2	154	64	290	78	2	...	7	22	878
1893	120	92	61	522	90	376	268	30	...	...	...	6	1565
1894	...	26	84	3	28	111	102	6	113	...	...	...	473
1895	...	35	35	30	8	756	76	6	...	...	...	5	951
1896	170	6	156	...	51	65	24	18	...	...	...	42	532
1897	18	127	18	20	9	485	236	2	4	7	...	24	950
1898	107	364	10	...	9	92	70	93	47	...	17	17	826
1899	15	50	41	31	7	257	27	24	4	4	2	...	462
Means ...	89	114	71	61	70	237	120	30	17	6	8	13	836

BANGEMALL (2416).

1898	—	—	—	—	...	39	1	53	...	8	2	...	—
1899	...	270	156	27	...	265	...	55	...	...	...	...	773

SHARKS BAY (2513).

1893	...	137	47	149	113	267	430	220	...	...	...	...	1363
1894	...	...	56	...	128	44	120	16	20	...	...	...	384
1895	...	19	93	7	...	275	46	24	24	...	...	...	488
1896	12	...	56	...	142	241	126	56	4	1	...	...	638
1897	...	...	...	30	84	635	263	46	4	6	2	...	1070
1898	136	169	...	...	134	270	111	276	19	11	...	...	1126
1899	...	38	...	42	220	498	165	90	17	60	22	...	1152
Means ...	21	52	36	33	117	319	180	104	13	11	3	...	889

WOORAMEL (2514).

1898	—	—	—	—	—	65	33	129	6	...	4	...	—
1899	...	54	3	11	124	283	94	40	...	27	4	...	640

... Signifies "nil." — Siguifies "no record."

Rainfall Tables for Degree Squares.

MINGINOO (2515).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1890	2	162	...	38	383	89	79	36	2	25	...	...	816
1891	5	...	...	2	...	94	5	...	...	...	..	22	128
* 1892	—	—	—	—	—	—	—	—	—	—	—	—	—
1893	251	49	...	267	68	285	151	12	...	...	...	...	1083
* 1894	—	—	—	—	—	—	—	—	—	—	—	—	—
1895	...	138	148	...	7	120	18	9	...	...	...	...	440
1896	128	...	125	...	...	101	13	...	...	...	...	35	402
1897	...	24	...	...	...	480	64	2	...	...	...	98	668
1898	15	154	...	...	...	90	2	...	...	...	...	2	263
1899	...	208	23	24	4	160	...	8	...	5	...	3	435
Means ...	50	92	37	41	58	177	42	8	...	4	...	13	522

ERRIVILLIA (2516).

1890†	...	...	...	...	...	...	...	...	...	...	...	...	...
* 1891	—	—	—	—	—	—	—	—	—	—	—	...	—
* 1892	—	—	—	—	—	—	—	—	—	—	—	...	—
1893	22	184	233	229	53	57	37	...	...	...	75	172	1062
1894	...	207	77	...	...	...	...	12	151	...	...	...	447
1895	50	205	7	...	75	26	5	...	...	...	...	...	368
1896	223	15	493	...	44	40	...	...	...	...	...	60	875
1897	...	94	117	...	...	220	...	...	...	...	...	202	633
* 1898	28	...	...	...	—	—	—	—	—	—	—	—	—
1899	...	220	...	117	...	211	...	20	...	...	...	40	608
Means ...	42	132	132	49	25	79	6	5	22	...	11	68	571

† This is as reported, no rain for the whole year; but it is probable that the Observer made a mistake in the date, and the year should be 1891 instead of 1890.

MT. GOULD (2517).

1884	...	...	100	315	...	70	43	440	...	30	...	...	998
1888	450	18	39	48	...	126	53	45	18	8	2	30	837
1889	12	24	126	14	124	405	74	58	...	16	1	2	856
1890	12	253	...	120	226	53	58	...	...	...	163	...	885
1891	...	...	...	...	18	37	3	...	...	...	...	9	67
1892	39	109	202	...	106	9	216	173	...	...	...	25	879
1893	220	230	160	236	26	250	58	55	...	...	...	7	1242
1894	...	130	228	20	6	24	28	1	87	...	20	18	562
1895	...	132	10	...	66	66	15	...	...	...	...	...	289
1896	357	55	510	...	...	50	...	...	...	...	...	...	972
1897	2	93	18	...	3	354	35	2	3	...	...	145	655
1898	15	160	...	...	...	39	...	31	...	...	1	9	255
1899	...	64	63	15	...	162	7	7	...	...	...	30	348
Means ...	85	98	112	59	44	127	45	63	8	4	14	21	680

PEAK HILL (2518).

1898	...	39	...	...	3	87	11	34	...	...	...	1	175
1899	14	294	454	67	...	161	...	42	...	4	1	31	1068

KARARANG (2613).

1894	...	...	5	...	85	32	141	5	10	...	...	...	278
1895	...	10	...	5	25	180	159	94	86	...	...	...	559
1896	...	...	20	...	66	291	108	29	55	...	...	...	569
1897	...	...	...	85	50	378	326	117	25	5	...	...	986
1898	200	45	...	...	116	595	59	283	28	...	...	...	1326
1899	...	...	...	25	334	325	266	60	44	86	10	...	1150
Means ...	33	9	4	19	113	300	177	98	40	15	2	...	810

* Not included in mean. ... Signifies "*nil.*" — Signifies "no record."

Rainfall Tables for Degree Squares.

HAMELIN POOL (2614).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1886	...	95	...	...	30	155	213	59	35	...	...	...	587
1887	...	35	37	...	58	53	130	125	8	...	160	...	606
1888	43	215	5	9	2	116	32	32	38	1	...	...	493
1889	...	6	475	15	301	246	337	37	27	13	...	...	1457
1890	...	40	...	185	150	301	182	98	40	96	6	...	1098
1891	...	...	1	1	38	105	6	5	18	...	...	...	174
1892	...	5	141	6	52	165	191	250	4	...	24	...	838
1893	40	59	37	179	89	292	448	99	74	1	1	...	1319
1894	...	10	70	...	9	52	86	21	12	...	...	...	260
1895	...	52	11	...	3	465	48	37	18	...	...	...	634
1896	4	...	41	...	42	82	62	14	12	...	...	...	257
1897	...	4	13	43	13	410	306	23	13	7	1	...	833
1898	91	556	...	...	40	188	146	186	21	...	...	1	1229
1899	...	10	...	6	275	304	111	25	9	22	13	...	775
Mean ...	13	78	59	32	79	209	164	72	23	10	15	...	754

BYRO (2615).

1898	—	—	—	—	—	—	—	46	20	18	...	13	—
1899	10	144	19	10	15	212	9	23	...	31	...	13	486

BOOLARDY (2616).

*1885	—	—	—	95	61	58	39	54	...	...	40	86	—
*1886	56	...	56	—	—	117	—	—	—	—	—	—	—
*1887	—	—	—	—	—	—	—	—	—	—	—	—	—
1888	460	...	...	...	42	34	...	27	...	...	...	33	596
*1889	—	—	—	—	—	—	—	—	—	—	—	—	—
*1890	32	95	...	57	304	17	—	—	—	—	—	—	—
1891	...	...	...	...	...	112	9	...	...	...	...	...	121
1892	31	28	636	21	124	35	352	138	...	...	15	5	1385
1893	112	156	89	260	91	396	196	75	...	...	...	78	1453
1894	...	104	47	...	14	27	69	...	...	...	...	...	261
1895	...	53	...	30	...	438	...	41	25	...	...	...	587
1896	71	...	156	...	...	72	37	...	...	...	...	...	336
1897	...	84	...	...	20	...	85	...	...	...	...	110	299
1898	25	380	...	...	...	222	79	50	...	...	...	...	756
1899	4	143	7	17	2	217	11	1	1	2	...	...	405
Mean ...	70	95	94	33	29	155	84	33	3	...	1	23	620

MILEURA (2617).

1899	...	235	1	118	4	222	32	18	1	44	...	...	675

NANNINE (2618).

1887	4	498	94	...	49	41	151	64	...	...	25	...	926
1888	529	75	8	31	...	61	56	14	61	...	...	30	865
1889	12	2	138	4	190	265	96	61	43	...	1	1	813
1890	46	...	...	243	176	64	54	17	...	...	111	46	757
1891	...	...	...	...	31	8	...	...	...	...	...	...	39
*1892	—	—	—	—	—	—	—	—	—	—	—	—	—
*1893	—	—	—	—	—	—	—	—	—	—	—	—	—
*1894	—	—	—	—	—	—	—	—	—	—	—	—	—
1895	...	60	83	39	26	145	4	13	..	52	...	...	422
1896	319	154	652	...	...	75	28	...	19	...	...	86	1333
1897	48	126	8	1	6	237	44	12	...	4	...	139	625
1898	...	21	...	...	14	106	3	27	...	...	...	11	182
1899	1	160	30	27	4	175	6	30	...	20	...	...	453
Mean ...	96	110	101	34	50	118	44	24	12	8	14	31	642

WOOLEEN (2715).

1895	...	...	...	...	...	374	14	37	22	...	...	...	447
1896	175	...	266	...	...	105	124	19	...	3	10	...	702
1897	35	2	...	13	12	404	125	21	13	11	...	59	695
1898	...	358	...	...	17	244	68	152	22	22	...	...	883
1899	...	15	13	...	24	376	40	30	11	5	5	9	528
Mean ..	42	75	56	3	10	301	74	52	14	8	3	13	651

* Not included in mean. ... Signifies "*nil.*" — Signifies "no record."

Rainfall Tables for Degree Squares.

MURGOO (2716).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1889	...	...	...	65	214	409	225	86	8	...	...	...	1007
1890	...	264	...	24	121	159	94	57	17	49	...	11	796
1891	...	...	...	...	37	50	...	...	...	...	...	...	87
1892	51	30	272	36	94	122	177	212	7	...	15	...	1016
1893	...	42	141	73	159	256	237	76	43	...	...	45	1072
1894	8	130	106	11	62	83	90	11	...	...	...	6	507
1895	...	25	19	43	...	344	8	31	24	...	...	...	494
1896	53	18	362	2	...	50	84	...	...	...	...	...	569
1897	59	22	6	7	21	486	111	16	18	12	...	52	810
1898	26	228	...	...	13	241	54	210	7	38	...	38	855
1899	...	...	...	...	10	254	13	17	6	13	...	...	313
Mean ...	18	69	82	24	66	223	100	65	12	10	1	14	684

CUE (2717).

1895	...	75	19	29	...	142	17	24	13	...	11	...	330
1896	158	153	246	...	...	46	45	2	1	...	...	7	658
1897	8	35	12	10	32	312	66	6	14	5	1	74	575
1898	3	64	...	...	25	242	35	114	11	34	...	5	533
1899	1	70	5	...	2	187	18	7	11	28	6	...	335
Mean ...	34	79	56	8	12	186	36	31	10	13	4	17	486

YALGOO (2816).

1888	423	800	...	25	25	121	...	53	175	35	10	24	1691
1889	213	...	405	174	318	108	271	56	33	16	...	4	1598
1890	1	365	...	4	154	192	84	37	118	94	10	73	1132
1891	...	...	12	1	124	151	26	21	16	...	...	...	351
1892	...	5	474	30	90	58	209	221	9	...	20	24	1140
1893	35	41	187	29	83	153	192	56	48	2	20	92	938
1894	...	169	47	...	69	98	49	21	30	3	25	44	555
1895	...	...	54	1	28	372	54	88	40	2	31	21	691
*1896	—	—	—	—	—	—	—	—	—	—	—	—	—
1897	10	152	177	2	67	328	267	49	18	25	11	30	1136
1898	7	184	...	...	120	192	40	174	10	111	4	6	848
1899	5	8	2	27	24	245	102	37	53	47	...	...	550
Mean ...	62	157	123	27	100	183	118	74	50	30	12	29	965

MT. MAGNET (2817).

1895	...	7	49	1	6	147	17	73	25	...	45	...	370
1896	91	38	437	...	...	80	37	17	45	3	...	...	748
1897	...	93	10	6	26	256	100	16	...	30	17	71	625
1898	51	100	...	...	35	174	15	198	4	43	...	...	620
1899	...	42	10	...	...	167	39	8	28	42	...	...	336
Mean ...	28	56	101	1	13	165	42	63	20	24	13	14	540

CHALLA (2818).

1896	60	33	647	...	...	75	54	7	57	...	...	159	1092
1897	13	124	...	...	18	252	75	...	...	80	...	26	588
1898	...	39	...	...	...	220	20	166	3	3	3	...	454
1899	...	129	7	...	...	139	34	5	13	9	...	...	336

SOUTH-WEST DIVISION.

ABROLHOS (2813).

*1888	—	—	—	—	—	676	191	97	169	34	45	6	—
*1889	...	13	20	173	698	367	377	79	—	—	...	...	—
*1890	...	—	—	—	—	—	—	—	—	—	—	—	—
1891	...	...	20	11	274	280	280	28	26	25	...	...	944
1892	...	...	159	196	215	217	381	323	77	78	31	...	1677
1893	11	26	63	41	301	325	429	145	167	17	25	...	1550
1894	...	25	8	29	175	340	375	28	125	15	5	2	1127
1895	...	10	...	41	27	679	336	230	77	...	21	...	1421
Mean ...	2	12	50	64	199	368	360	151	95	27	16	...	1344

* Not included in mean. ... Signifies "*nil.*" — Signifies "no record."

Rainfall Tables for Degree Squares.

GERALDTON (2814).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1877	...	...	...	340	700	240	490	340	30	...	...	...	2140
1878	...	20	...	70	90	240	530	460	80	10	20	...	1520
1879	50	...	50	...	410	300	450	210	210	180	...	...	1860
1880	10	...	136	200	131	459	251	221	47	26	59	28	1568
1881	35	3	11	158	248	337	215	33	92	13	150	10	1305
1882	...	...	6	192	36	466	371	767	96	104	22	6	2066
1883	...	58	9	39	389	1040	264	252	71	52	27	30	2231
1884	2	4	3	132	153	266	231	601	251	58	39	2	1742
1885	11	...	31	101	440	285	749	248	102	125	74	...	2166
1886	3	63	...	154	175	222	367	423	281	13	21	...	1722
1887	1	108	52	47	280	440	609	404	128	54	21	1	2145
1888	27	76	32	116	211	470	172	233	168	95	40	38	1678
1889	3	1	43	303	882	658	435	250	272	129	29	...	3005
1890	...	38	9	8	481	1310	370	247	431	391	7	40	3332
1891	...	2	18	1	268	345	138	118	176	33	1	6	1106
1892	1	22	262	162	303	211	378	460	74	33	57	...	1963
1893	88	20	165	162	331	253	499	218	211	39	39	5	2030
1894	...	120	8	1	113	333	248	184	122	22	7	50	1208
1895	...	56	31	52	89	710	412	340	236	10	5	9	1950
1896	8	3	52	4	92	452	456	132	82	20	4	...	1305
1897	...	51	3	40	110	486	181	262	126	94	8	5	1366
1898	63	48	...	10	266	441	154	510	79	85	26	3	1685
1899	...	4	7	117	320	680	404	211	90	189	12	...	2034
Mean ...	13	30	41	105	283	463	364	310	150	77	29	10	1875

MULLEWA (2815).

1896	362	...	246	...	3	51	145	198	30	...	150	...	1185
1897	...	24	18	...	102	364	206	85	...	...	...	...	799
1898	4	182	...	10	105	160	51	220	33	45	16	...	826
1899	2	5	6	21	61	287	120	46	15	81	...	...	644

DONGARA (2914).

1884	...	...	...	117	100	475	151	618	110	80	120	...	1771
1885	4	...	40	114	432	332	570	246	77	118	10	5	1948
1886	1	40	...	58	121	298	298	360	276	5	29	...	1486
1887	2	78	34	16	110	405	467	431	110	46	18	...	1717
1888	18	4	12	148	265	440	156	201	202	116	5	...	1567
1889	30	2	10	375	752	490	296	216	264	100	16	1	2552
1890	...	169	12	...	519	1280	362	177	406	393	...	20	3338
1891	...	...	8	4	351	448	312	117	174	8	...	42	1464
1892	...	...	278	266	286	256	401	565	74	13	75	...	2214
1893	30	2	203	168	422	229	434	231	144	17	34	...	1914
1894	...	69	...	...	131	308	403	170	202	16	2	7	1308
1895	...	50	...	54	69	606	342	433	151	10	1	...	1716
1896	26	...	89	6	130	378	539	242	47	24	1	...	1482
1897	1	114	21	15	81	604	158	258	142	46	3	...	1443
1898	9	25	...	8	550	307	141	446	54	71	33	1	1645
1899	...	2	...	138	336	562	434	210	104	136	13	...	1935
Mean ...	8	35	44	93	291	464	341	308	158	75	22	5	1844

MINGINEW (2915).

1888	360	77	78	235	147	299	53	120	80	130	7	67	1653
1889	11	...	...	181	393	322	258	119	223	119	17	...	1643
1890	...	129	...	...	335	543	169	179	258	288	13	44	1958
1891	...	...	30	...	184	282	124	66	122	29	...	80	917
1892	...	20	349	139	169	112	354	337	54	...	40	...	1574
1893	14	...	212	112	329	153	244	201	218	37	85	23	1628
1894	...	232	35	6	32	179	208	158	74	9	45	35	1013
1895	...	25	...	27	62	539	273	219	116	...	...	...	1261
1896	...	...	188	...	119	234	500	106	22	11	162	5	1347
1897	...	30	74	14	58	414	216	246	122	34	56	...	1264
1898	26	119	...	8	288	276	130	426	77	88	9	5	1452
1899	4	...	...	103	157	489	253	178	30	162	21	...	1396
Mean ...	35	53	80	69	189	320	232	196	116	76	38	22	1426

... Signifies "*nil*," — Signifies "no record,"

Rainfall Tables for Degree Squares.

ROTHESAY (2916).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1898	—	—	—	—	95	180	86	187	...	146	...	...	—
1899	12	36	...	11	23	302	88	72	40	79	27	...	690

YATHEROO (3015).

1885	9	24	100	84	335	408	472	408	154	128	312	55	2489
1886	4	36	7	62	159	194	425	620	297	29	96	...	1929
1887	18	25	85	55	209	415	708	559	290	110	138	1	2613
1888	1	19	39	104	244	510	190	349	406	198	131	184	2375
1889	35	14	1	231	628	711	343	308	325	402	52	14	3064
1890	3	81	3	15	427	711	489	512	538	564	22	113	3478
1891	4	...	99	4	305	643	301	191	392	68	...	38	2045
1892	2	11	118	142	355	260	506	751	177	57	39	2	2420
1893	4	13	212	236	447	310	455	289	491	128	35	27	2647
1894	...	36	71	20	301	457	355	313	217	88	32	63	1953
1895	11	24	4	48	116	612	447	680	256	62	13	22	2295
1896	14	...	489	27	164	596	673	220	86	67	19	8	2364
1897	10	14	86	65	161	392	345	371	265	60	55	5	1828
1898	28	7	3	16	322	420	392	551	126	277	74	4	2220
1899	1	2	38	146	211	541	455	230	98	311	55	3	2091
Mean ...	10	20	90	83	292	479	437	424	275	170	71	36	2387

WALEBING (3016).

1883	12	84	20	60	264	746	368	240	111	60	...	...	1965
1884	6	3	18	46	64	409	56	503	224	206	13	20	1568
1885	...	...	36	70	450	410	322	318	129	92	156	66	2049
1886	5	74	6	25	116	172	319	530	245	15	35	...	1542
1887	...	46	41	40	158	420	411	480	204	113	56	7	1976
1888	50	56	7	80	195	422	134	284	160	77	128	120	1713
1889	44	1	6	182	484	504	236	207	252	280	26	...	2222
1890	26	76	...	14	347	508	288	342	386	483	4	130	2604
1891	4	...	72	...	156	360	274	160	280	50	...	24	1380
1892	...	4	166	168	244	208	328	502	135	38	37	...	1830
1893	12	12	196	264	364	178	426	213	350	90	28	48	2181
1894	...	60	312	8	145	340	246	229	178	49	43	170	1780
1895	1	26	7	15	94	508	246	540	248	36	...	15	1736
1896	6	...	416	38	108	454	438	174	54	46	30	41	1805
1897	26	61	69	31	127	397	218	285	175	53	71	2	1515
1898	9	20	...	18	203	315	236	499	113	213	70	1	1697
1899	33	5	32	98	161	458	387	199	56	265	83	...	1777
Mean ...	14	31	83	68	216	401	290	336	194	127	46	38	1844

PERTH (3115).

1876	61	4	192	38	263	845	242	382	320	259	171	96	2873
1877	18	3	...	105	554	216	667	328	69	54	13	21	2048
1878	16	79	93	278	606	558	943	701	429	102	151	16	3972
1879	217	15	51	202	1213	656	556	535	213	350	62	64	4134
1880	24	126	91	305	306	681	348	481	231	88	167	6	2854
1881	123	1	97	173	502	502	471	114	276	35	97	130	2521
1882	19	2	94	477	246	612	797	883	88	94	105	19	3436
1883	5	194	51	172	368	1003	477	498	173	175	100	112	3328
1884	32	16	24	107	316	736	480	852	198	235	62	58	3116
1885	42	2	44	244	712	448	492	506	140	136	78	60	2904
1886	12	89	...	102	270	328	651	540	491	77	96	...	2656
1887	10	115	130	193	432	652	1192	744	356	153	61	34	4072
1888	...	9	61	118	442	411	266	493	160	106	152	327	2545
1889	68	48	85	364	862	902	364	320	259	416	92	18	3798
1890	19	68	5	19	548	1056	437	538	512	576	33	122	3933
1891	2	...	80	17	577	627	611	264	422	58	...	12	2670
1892	4	6	62	116	410	435	425	853	227	53	71	4	2666
1893	3	36	162	333	806	300	780	406	453	282	69	69	3699
1894	...	39	19	7	343	507	489	408	291	86	12	92	2293
1895	16	108	3	148	156	797	666	638	377	84	13	63	3069
1896	12	...	385	85	272	659	870	283	84	95	22	31	2798
1897	5	27	147	137	348	524	385	511	248	80	74	8	2494
1898	35	30	5	50	389	615	505	764	197	342	62	10	3004
1899	11	20	18	288	233	664	688	427	185	399	72	9	3014
Mean ...	31	43	79	170	466	614	575	520	267	181	76	57	3079

... Signifies "*nil.*" — Signifies "no record."

Rainfall Tables for Degree Squares.

NEWCASTLE (3116).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1877	...	...	5	122	655	130	568	308	45	5	2	10	1850
1878	2	22	73	133	205	305	795	600	175	50	50	5	2415
1879	98	...	30	40	557	185	342	198	92	108	12	43	1705
1880	18	118	69	181	227	368	210	434	71	32	102	27	1857
1881	27	6	110	150	187	284	274	43	155	75	171	3	1485
1882	4	1	22	371	94	371	568	725	120	43	65	39	2423
1883	63	203	34	74	240	712	329	229	191	155	27	153	2410
1884	4	27	...	38	276	594	80	508	147	113	16	4	1807
1885	18	10	42	98	571	345	423	450	100	70	74	33	2234
1886	...	56	13	40	219	240	434	654	389	47	84	...	2176
1887	9	46	76	195	216	467	623	546	308	126	119	24	2755
1888	64	34	30	116	268	410	280	394	180	123	187	141	2227
1889	41	9	33	262	374	741	177	316	334	399	120	21	2827
1890	10	142	1	16	481	740	278	454	434	659	31	122	3368
1891	4	...	114	11	326	496	467	245	261	37	...	11	1972
1892	4	4	103	201	250	290	391	531	172	27	54	9	2036
1893	18	35	194	249	564	264	655	332	385	167	37	65	2965
1894	...	39	56	9	186	349	305	271	217	56	40	51	1579
1895	7	50	4	68	81	655	471	603	319	59	4	35	2356
1896	9	9	425	82	197	525	704	218	75	77	14	71	2406
1897	4	28	115	73	258	460	275	302	199	77	51	1	1843
1898	23	30	3	27	281	420	411	566	183	262	75	10	2291
1899	11	45	11	138	91	549	437	321	112	355	120	7	2197
Mean ...	17	34	60	103	278	402	392	382	193	131	51	37	2080

DOONGIN (3117).

1887	1	66	19	46	81	200	171	365	64	18	144	4	1179
1888	110	216	12	92	62	174	93	133	151	51	221	41	1356
1889	13	...	3	166	154	300	140	95	145	130	2	...	1148
*1890	—	—	—	—	—	—	—	—	—	—	—	—	—
1891	2	...	40	5	103	168	242	105	67	48	2	44	826
1892	...	...	225	111	135	110	240	199	156	112	55	...	1343
1893	76	6	146	80	267	134	242	186	129	57	10	173	1506
*1894	—	—	—	—	—	—	—	—	—	—	—	—	—
1895	10	13	2	15	24	265	164	270	100	37	11	2	913
1896	168	47	432	18	28	297	302	109	16	39	22	118	1596
1897	4	3	68	13	118	241	118	176	86	15	8	67	917
1898	3	2	...	18	202	235	159	292	55	212	16	45	1239
1899	1	44	8	57	12	373	219	163	48	118	140	...	1183
Mean	35	36	87	57	108	227	190	190	92	76	57	45	1200

PINJARRAH (3215).

1877	...	...	...	120	575	225	615	295	40	15	5	40	1930
1878	...	140	180	205	415	430	995	605	285	35	115	20	3425
1879	125	...	50	30	690	315	435	435	180	355	35	125	2775
†1880	7	52	65	186	201	338	212	361	140	38	70	3	1673†
†1881	43	...	43	132	364	327	323	89	257	37	74	142	1831†
1882	11	5	74	593	214	784	805	960	137	114	107	22	3826
1883	41	138	83	118	401	1189	512	500	185	241	90	195	3693
1884	28	30	4	118	257	954	499	830	381	264	80	11	3456
1885	79	3	96	424	782	454	655	566	170	182	68	55	3534
1886	32	82	7	120	355	358	701	679	620	76	88	...	3118
1887	30	31	146	218	389	559	1019	763	446	223	90	44	3958
1888	...	2	43	126	418	516	480	500	190	142	203	300	2920
1889	53	66	102	519	877	1048	331	485	384	514	153	40	4572
1890	4	15	3	9	666	1284	469	633	746	905	63	189	4986
1891	4	...	110	13	664	822	565	410	505	80	1	16	3190
1892	9	18	82	151	572	642	465	932	286	134	123	8	3422
1893	8	66	158	440	761	254	878	609	606	414	104	64	4362
1894	...	78	36	8	377	668	555	439	333	122	27	121	2764
1895	33	188	11	178	218	976	761	927	552	118	24	137	4123
1896	28	1	384	120	359	959	742	375	104	165	30	11	3278
1897	1	18	240	209	466	653	571	606	390	142	126	9	3431
1898	66	29	6	44	457	681	638	834	319	603	105	19	3801
1899	4	25	57	390	238	690	672	561	248	419	124	24	3452
Mean	26	43	86	194	466	658	604	582	326	232	83	70	3370

* Not included in mean. ... Signifies "*nil.*" — Signifies "no record."
† Returns from Fremantle only; probably a few inches less than the average for the section.

Rainfall Tables for Degree Squares.

WANDERING (3216).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
†1883	10	350	12	...	143	278	130	...	...	20	...	...	943†
†1884	..	...	...	...	45	115	150	315	60	40	...	...	725†
1885	...	...	17	100	436	232	302	378	105	70	65	87	1792
1886	24	81	17	30	125	181	286	390	264	32	90	2	1522
1887	10	70	94	93	151	247	406	379	181	72	203	21	1927
1888	39	33	11	96	169	376	196	264	164	103	200	210	1861
1889	44	17	40	259	255	434	160	283	293	323	48	9	2165
1890	29	72	6	23	430	523	261	396	439	571	44	136	2930
1891	7	...	87	13	413	478	504	228	278	42	...	11	2061
1892	10	14	97	167	384	346	393	607	212	80	87	15	2412
1893	19	57	250	260	623	235	619	346	446	263	45	79	3242
1894	1	79	58	4	201	386	304	278	254	62	17	67	1711
1895	16	120	63	103	117	737	438	729	394	76	20	114	2927
1896	3	1	376	85	239	562	572	276	98	80	30	51	2373
1897	1	35	168	118	331	460	312	313	246	83	51	15	2133
1898	26	37	4	36	298	474	474	671	232	316	70	9	2647
1899	3	51	19	214	147	589	497	409	219	343	92	15	2598
Mean ...	14	60	78	94	265	392	353	368	229	152	62	49	2116

† Returns from Beverley only; probably a few inches too little for mean of section.

PINGELLY (3217).

1888	24	120	68	69	76	338	248	236	126	48	191	89	1633
1889	14	...	16	208	235	276	147	169	228	217	36	5	1551
1890	11	76	...	...	305	465	227	289	347	439	40	42	2241
1891	...	46	30	3	284	335	406	181	209	167	13	22	1696
1892	4	7	129	119	253	255	255	385	174	53	62	26	1722
1893	35	48	167	166	418	151	511	241	292	137	20	61	2247
1894	...	150	87	...	171	264	150	185	127	43	13	225	1415
1895	1	82	26	69	74	511	244	355	228	48	57	48	1743
1896	50	2	241	81	151	322	443	183	34	42	44	59	1652
1897	13	16	56	60	254	298	241	203	136	65	49	6	1397
1898	13	3	...	18	149	270	281	397	132	190	34	...	1487
1899	...	174	12	117	58	425	260	245	148	207	74	7	1727
Mean ...	14	60	69	76	202	326	284	256	182	138	53	49	1709

BUNBURY (3315).

1877	...	...	...	500	585	370	565	460	15	35	20	35	2585
1878	10	50	185	230	425	580	1205	615	490	210	205	25	4230
1879	320	...	15	...	650	400	340	340	165	280	70	155	2735
1880	8	134	134	193	291	607	403	338	201	26	261	4	2599
1881	95	32	39	87	701	574	618	126	442	80	331	53	3178
1882	...	10	69	610	441	430	807	939	225	95	190	35	3851
1883	1	59	50	127	673	844	364	450	208	176	48	147	3147
1884	78	46	112	138	316	523	696	658	340	286	44	9	3246
1885	110	2	54	304	715	449	583	591	227	196	74	53	3358
1886	3	148	6	75	373	397	823	592	419	120	164	20	3140
1887	18	49	201	193	348	520	1082	478	283	213	122	64	3571
1888	2	17	56	126	434	634	338	347	176	162	155	121	2568
1889	47	164	62	228	648	727	461	342	238	422	145	51	3535
1890	6	22	11	6	613	1344	585	588	631	704	78	284	4872
1891	11	...	156	32	560	816	424	282	515	38	...	18	2852
1892	42	28	197	116	821	322	388	671	200	146	104	21	3056
1893	38	53	200	409	565	249	516	628	544	398	56	55	3711
1894	...	32	56	4	450	606	396	410	262	190	32	118	2556
1895	35	64	19	136	224	1204	858	756	449	182	46	148	4121
1896	22	...	335	134	520	794	691	381	153	219	80	6	3335
1897	12	12	120	148	420	818	448	397	374	154	158	32	3093
1898	207	34	20	17	545	633	758	675	350	718	156	19	4132
1899	2	39	66	525	388	772	629	583	214	488	125	58	3889
Mean ...	46	43	94	189	509	635	608	506	310	241	116	67	3364

... Signifies "*nil.*" — Signifies "no record."

Rainfall Tables for Degree Squares.

DARDANUP (3316).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1885	...	...	52	202	580	288	276	417	178	176	46	35	2250
1886	51	150	6	58	200	155	482	600	366	74	201	20	2363
1887	22	58	102	157	184	404	543	454	282	182	113	54	2555
1888	6	10	23	218	279	546	385	369	424	184	325	180	2949
1889	27	95	74	272	367	517	288	374	340	374	84	25	2837
1890	8	34	6	8	448	484	268	392	478	416	137	220	2899
1891	2	...	75	19	516	515	433	329	270	62	2	25	2248
1892	25	30	115	145	318	356	370	612	300	132	165	8	2576
1893	24	89	266	317	495	177	493	479	562	372	59	70	3403
1894	2	41	60	6	440	568	237	405	280	138	14	151	2342
1895	42	176	20	147	206	1166	601	829	441	178	62	160	4028
1896	20	...	325	130	319	668	568	324	120	179	47	62	2762
1897	6	19	114	137	354	574	466	391	297	122	217	31	2728
1898	133	35	17	18	257	482	652	648	316	572	142	23	3295
1899	1	83	40	322	283	560	506	411	211	397	110	31	2955
Mean ...	25	55	86	144	350	497	439	469	324	237	115	73	2813

KATANNING (3317).

1885	...	...	...	173	494	209	228	401	138	152	32	73	1900
1886	5	122	42	102	200	141	413	540	257	92	153	4	2071
1887	18	67	150	144	232	337	358	361	249	115	107	33	2171
1888	3	10	31	116	213	342	225	343	401	171	365	201	2421
1889	18	50	49	245	225	247	143	204	172	225	87	34	1699
1890	7	92	3	...	370	257	184	240	302	330	86	152	2023
1891	...	...	97	13	245	293	186	207	177	94	2	21	1335
1892	30	26	203	100	213	226	173	306	209	103	61	1	1651
1893	15	13	185	186	235	113	283	243	275	174	40	50	1812
1894	1	55	166	6	166	291	221	207	118	94	27	60	1412
1895	5	283	54	120	74	574	328	524	327	61	79	72	2501
1896	12	6	287	59	104	253	361	177	37	63	36	87	1482
1897	5	59	83	77	223	298	182	188	186	92	66	29	1488
1898	79	31	6	20	122	279	432	331	129	248	68	12	1757
1899	6	254	20	145	144	309	242	182	216	232	96	9	1855
Mean ...	14	71	92	100	217	278	264	297	213	150	87	56	1839

GLEN VALE (3318).

1888	4	23	31	124	325	172	85	132	494	177	260	207	2034
1889	35	9	18	155	215	290	115	138	369	247	110	19	1720
1890	1	108	...	6	151	170	215	227	286	236	40	141	1581
1891	16	...	106	14	196	209	36	113	149	83	20	...	942
1892	...	25	396	64	294	190	70	221	243	200	27	2	1732
Mean ...	11	33	110	73	236	206	104	166	308	189	92	74	1602

JARRAMONGUP (3319).

1895	58	113	32	90	72	158	152	175	222	35	113	26	1246
1896	22	124	169	79	39	169	353	98	50	37	204	157	1201
1897	103	...	77	51	186	155	62	305	137	113	28	271	1488
1898	52	24	3	87	46	315	218	213	79	381	47	11	1476
1899	26	192	28	65	149	284	126	36	131	100	45	11	1193
Mean ...	52	91	62	74	98	216	182	166	124	133	88	95	1381

CAPE LEEUWIN (3415).

1882	88	31	177	646	584	667	657	988	427	155	160	42	4622
1883	45	10	116	271	737	723	737	655	489	213	169	577	4742
1884	173	58	155	273	197	781	881	845	448	444	146	35	4436
1885	233	...	145	325	934	260	859	651	420	318	100	97	4342
1886	4	119	13	140	678	387	1343	951	585	159	165	194	4738
*1887	—	—	—	—	—	—	1268	658	334	372	165	194	—
1888	...	...	74	389	536	647	367	471	374	290	320	50	3518
1889	45	66	162	157	596	909	378	406	449	534	186	26	3914
1890	22	2	1	2	726	1341	589	556	433	379	105	194	4350
1891	4	...	161	72	305	464	225	191	423	63	4	17	1929
1892	30	26	128	95	720	404	419	413	220	269	127	7	2858
1893	19	83	214	311	415	326	420	974	280	315	106	56	3519
1894	...	...	70	64	772	754	486	500	402	170	19	147	3384
1895	82	78	16	160	297	976	896	876	428	217	84	220	4330
1896	30	10	292	182	460	831	842	280	92	207	120	16	3362
1897	33	34	151	243	296	645	513	500	321	153	195	19	3103
1898	224	45	45	48	537	668	478	830	321	684	112	42	4034
1899	6	147	101	504	717	909	468	505	210	303	123	53	4046
Mean ...	61	42	119	228	559	688	621	623	372	287	132	105	3837

* Not included in mean, ... Signifies "*nil.*" — Signifies "no record."

Rainfall Tables for Degree Squares.

BALBARUP (3416).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1888	20	35	71	177	673	706	651	569	363	287	330	212	4094
1889	93	215	103	286	594	766	460	492	338	646	267	55	4315
1890	22	28	28	13	767	919	591	544	693	724	62	340	4731
*1891	12	...	150	—	—	—	—	—	—	—	—	—	—
*1892	—	—	—	—	—	—	—	—	—	—	—	—	—
*1893	—	—	—	—	—	—	—	—	—	—	—	—	—
*1894	—	—	—	—	—	—	—	—	—	—	—	—	—
*1895	—	—	—	—	—	—	—	—	—	—	—	—	—
*1896	—	—	—	—	—	—	—	—	—	—	—	—	—
*1897	—	—	—	—	—	—	—	—	—	—	—	18	—
1898	133	106	40	13	259	524	567	624	399	600	124	30	3419
1899	22	83	134	537	536	548	677	434	308	520	137	87	4023
Mean	58	93	75	205	566	693	589	533	420	555	184	145	4116

ALBANY (3417).

1877	90	...	20	140	930	390	650	580	80	140	80	20	3120
1878	60	70	250	390	440	200	590	730	550	140	210	50	3680
1879	150	...	190	200	560	510	310	350	260	360	110	30	3030
1880	103	154	262	418	316	995	477	407	183	191	84	111	3701
1881	120	12	87	218	328	553	205	219	367	56	229	113	2507
1822	96	36	169	413	611	286	505	374	203	158	74	125	3050
1883	69	108	88	137	420	555	571	418	336	230	120	178	3230
1884	130	109	88	234	227	590	271	458	384	278	177	59	3005
1885	13	5	70	234	827	427	217	648	225	114	113	75	2968
1886	45	333	19	202	477	188	599	1124	284	231	87	30	3619
1887	46	58	145	265	232	584	478	501	502	228	87	121	3247
1888	36	22	112	306	528	376	371	357	378	178	289	115	3068
1889	93	130	25	313	354	585	266	414	584	457	169	72	3462
1890	17	128	34	26	442	474	552	554	519	551	104	249	3650
1891	84	7	147	93	250	490	180	278	305	185	21	79	2119
1892	53	48	257	126	546	352	212	475	350	245	154	28	2846
1893	35	83	163	334	358	351	534	429	611	334	165	132	3529
1894	12	37	139	34	445	370	282	395	212	151	50	113	2240
1895	82	328	30	226	150	498	394	447	391	119	53	106	2824
1896	35	39	305	211	135	381	545	194	117	125	130	158	2375
1897	6	76	133	232	192	378	251	463	252	240	187	34	2444
1898	91	163	42	87	178	596	690	474	264	544	101	38	3268
1899	36	168	128	402	347	382	474	294	292	420	175	55	3173
Mean	65	92	126	228	404	457	418	460	333	247	129	91	3050

PALLINUP (3418).

1890	19	82	28	35	544	422	380	623	360	515	82	304	3394
1891	63	4	69	29	232	391	159	172	256	147	5	40	1567
1892	55	24	185	61	382	271	140	294	223	175	96	20	1926
1893	51	64	203	295	234	270	369	330	421	274	170	95	2776
1894	14	62	214	39	403	332	228	379	190	143	71	146	2221
1895	117	305	50	204	128	509	344	400	296	78	42	95	2568
1896	39	65	268	182	113	335	408	189	81	114	153	165	2112
1897	2	94	105	201	165	325	209	359	295	180	129	108	2172
1898	94	101	26	82	172	493	457	292	159	386	74	47	2383
1899	29	176	91	227	350	263	236	193	265	333	85	22	2269
Mean	48	98	124	135	272	361	293	323	255	234	91	104	2338

BREMER BAY (3419).

1885	20	4	51	150	424	269	197	110	207	248	112	8	1800
1886	26	53	106	137	262	188	315	544	150	178	121	31	2111
1887	2	58	40	191	53	797	232	398	330	189	77	35	2402
1888	101	28	16	170	655	232	235	327	320	166	274	204	2728
1889	61	26	28	141	286	369	342	272	291	336	95	17	2264
1890	7	90	14	97	169	477	513	266	415	324	103	116	2591
1891	9	...	88	62	257	780	134	158	181	226	28	84	2007
1892	112	23	234	124	629	443	206	299	395	265	76	57	2863
1893	62	28	210	220	346	407	523	301	53	187	107	49	2493
1894	13	119	291	69	456	181	203	213	104	151	30	55	1885
1895	71	272	21	398	148	200	444	157	357	75	53	25	2221
1896	44	31	147	80	89	192	395	225	77	55	211	192	1738
1897	4	23	178	195	188	341	189	501	328	132	55	305	2439
1898	30	21	21	72	117	539	290	282	96	321	32	...	1821
1899	38	323	91	246	298	355	104	177	252	185	111	36	2216
Mean	40	73	102	157	292	385	288	282	237	203	99	81	2239

* Not included in mean. ... Signifies "*nil*." — Signifies "no record."

Rainfall Tables for Degree Squares.

EASTERN DIVISION.

LAKE WAY (2620).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1898	—	—	—	—	—	—	—	—	—	...	...	2	—
1899	236	402	38	38	...	77	...	10	2	25	27	...	855

LAKE DARLOT (2721).

1898	—	—	—	—	—	—	—	62	...	6	...	...	—
1899	235	401	...	...	...	40	...	27	...	150	35	...	888

LAWLERS (2820).

1896	—	—	325	10	8	57	52	11	8	3	16	78	—
1897	11	15	43	11	86	279	30	59	23	...	10	43	610
1898	...	30	...	1	72	197	2	75	2	14	2	2	397
1899	24	254	1	3	3	127	19	42	6	33	65	39	616

MT. MALCOLM (2821).

1897	—	—	—	—	—	—	—	53	22	44	5	37	—
1898	...	25	...	3	43	196	10	129	...	18	11	...	435
1899	51	258	4	4	2	141	21	44	14	95	50	8	692

LAVERTON (2822).

1897	—	—	—	—	—	—	—	54	20	8	4	56	—
1898	...	...	...	...	57	264	6	221	...	...	...	15	563
1899	268	273	70	...	...	95	18	32	28	87	49	...	920

FIELD'S FIND (2917).

1898	—	—	—	—	—	—	—	—	4	136	...	8	—
1899	...	201	43	9	...	262	50	20	42	46	20	...	693

MENZIES (2921).

1896	—	—	—	...	2	5	38	2	6	10	62	64	—
1897	1	14	23	3	7	274	24	53	15	11	3	40	468
1898	5	51	...	1	34	198	20	130	1	15	3	5	463
1899	86	202	10	...	16	152	26	37	21	140	74	4	768

WATTONING (3018).

1896	...	27	380	5	39	111	285	66	5	20	40	35	1013
1897	11	47	153	5	39	309	110	136	87	12	...	115	1024
1898	11	135	11	...	149	221	46	247	15	169	...	...	1004
1899	...	15	...	31	22	215	97	88	76	105	...	...	754

MT. JACKSON (3019).

1897	...	20	4	1	—	—	—	—	—	—	—	—	—
1898	—	—	—	2	56	181	34	250	...	53	23	...	—
1899	...	206	20	...	17	237	28	25	102	87	48	...	770

WANGINE (3020).

1896	56	11	558	2	2	19	124	11	2	...	...	99	884
1897	...	...	99	...	5	161	31	47	42	18	...	87	490
1898	...	...	—	...	32	188	31	—	—	—	—	—	—

KALGOORLIE (3021).

1893	...	...	64	61	269	115	107	55	39	11	104	180	1005
1894	...	...	42	...	66	26	37	52	14	3	16	98	354
1895	60	24	8	39	93	70	18	34	26	...	8	...	380
1896	67	8	509	...	2	34	138	23	7	2	54	132	976
1897	22	14	52	8	12	148	25	73	47	12	4	121	538
1898	...	28	...	28	46	259	36	170	2	20	12	12	613
1899	11	171	1	1	77	103	65	38	58	149	68	5	747
Means ...	23	35	97	20	81	108	61	63	27	28	38	78	659

... Signifies "*nil.*" — Signifies "no record."

KURNALPI (3022).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1897	6	68	9	73	21	184	24	130	9	26	6	30	523
1898	...	78	...	28	36	259	27	219	...	45	...	...	692
1899	11	178	...	...	85	44	23	50	41	130	108	...	670

MANGOWINE (3118).

1887	35	33	25	18	69	198	190	274	80	67	41	...	1030
1888	97	132	1	64	134	255	90	117	187	66	100	31	1274
1889	57	23	33	157	150	216	141	106	162	170	...	...	1215
1890	20	58	...	132	320	212	139	110	99	124	4	87	1305
1891	...	...	2	1	180	133	59	113	61	...	...	14	563
1892	...	...	409	100	160	31	261	206	93	62	48	...	1370
1893	34	4	102	80	238	95	243	163	121	44	11	265	1400
1894	...	55	140	62	118	99	112	106	50	7	16	49	814
1895	1	45	5	12	28	190	132	220	76	6	48	1	764
1896	96	50	325	18	50	200	242	97	35	32	40	168	1353
1897	45	18	66	9	74	246	112	162	64	20	4	76	896
1898	5	90	...	8	124	242	86	283	49	190	25	16	1118
1899	2	52	6	45	24	324	232	119	41	112	115	...	1072
Mean ...	30	43	86	54	128	188	157	160	86	69	35	54	1090

SOUTHERN CROSS (3119).

1889	59	4	...	46	224	227	170	88	101	59	39	...	1017
*1890	—	—	—	—	—	35	121	73	88	92	53	25	—
1891	...	...	10	2	107	154	136	79	53	12	...	22	575
1892	38	2	430	113	190	51	235	177	64	77	12	20	1409
1893	35	10	113	112	338	137	178	77	72	14	49	169	1304
1894	63	18	108	4	37	46	80	69	42	5	19	21	512
1895	2	5	1	8	40	142	72	136	21	1	...	...	428
1896	73	19	316	...	28	66	225	55	14	15	89	178	1078
1897	11	69	59	4	29	233	68	114	34	6	1	107	735
1898	1	182	...	4	76	312	46	227	12	112	41	4	1017
1899	4	88	3	6	32	178	102	59	58	73	142	...	745
Mean ...	29	40	104	30	110	155	131	108	47	37	39	52	882

BOORABBIN (3120).

1895	16	24	3	13	156	122	64	85	47	6	23	...	559
1896	23	44	155	9	17	57	185	46	15	19	161	142	873
1897	34	27	13	2	9	130	36	84	38	7	5	125	510
1898	...	76	...	11	81	368	40	239	1	42	26	1	885
1899	68	113	5	3	14	159	78	70	70	68	88	...	736
Mean ...	28	57	35	8	55	167	81	105	34	28	61	54	713

WIDGIEMOOLTHA (3121).

1897	—	—	—	—	—	143	40	199	34	11	...	127	—
1898	...	21	...	34	78	352	34	312	2	30	28	57	948
1899	11	105	8	4	66	90	64	66	100	213	130	23	880

NORSEMAN (3221).

1896	...	...	299	...	24	26	250	...	...	31	75	114	819
1897	48	9	11	36	36	151	34	274	21	36	2	224	882
1898	2	22	...	26	84	336	46	164	26	90	34	54	884
1899	4	64	16	7	69	85	72	101	58	114	44	10	644

EUCLA DIVISION.

COCANARUP (3320).

1898	—	—	—	51	68	316	151	547	36	253	43	13	—
1899	40	180	22	62	115	202	188	126	139	107	44	1	1226

* Not included in mean. ... Signifies "*nil.*" — Signifies "no record."

Rainfall Tables for Degree Squares.

ESPERANCE BAY (3321).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1883	50	47	121	100	299	339	477	348	196	205	57	119	2358
1884	134	35	24	286	223	372	284	463	278	251	132	233	2715
1885	29	11	42	84	432	336	203	403	228	138	135	12	2053
1886	192	152	205	35	117	129	352	640	287	190	152	31	2482
1887	9	73	90	206	173	653	403	365	418	226	135	14	2765
1888	122	218	6	70	355	286	485	326	398	146	79	114	2605
1889	112	8	87	88	432	806	219	431	187	218	114	18	2720
1890	12	38	15	67	363	499	818	595	235	276	26	156	3100
1891	13	10	101	46	109	413	211	156	365	123	113	64	1724
1892	93	3	491	277	459	330	122	310	266	456	65	45	2917
1893	32	4	132	91	539	362	521	379	260	292	88	81	2781
1894	12	5	357	50	251	343	442	337	193	178	15	52	2235
*1895	—	—	—	—	—	—	—	—	—	—	—	—	—
1896	...	152	...	176	108	214	512	179	62	109	150	82	1744
1897	9	13	62	127	81	215	167	530	166	116	46	296	1828
1898	10	49	...	31	73	524	157	274	163	214	80	14	1589
1899	62	126	54	173	155	222	218	288	197	88	124	19	1726
Means ...	56	58	112	119	261	378	349	376	244	202	94	85	2334

ISRAELITE BAY (3323).

1885	...	23	14	135	476	97	121	141	335	194	65	3	1604
1886	230	81	100	289	54	21	148	348	88	123	58	49	1589
1887	17	293	18	106	261	307	74	174	164	276	156	11	1857
1888	95	166	15	22	191	185	78	230	260	50	15	31	1338
1889	92	9	42	74	189	361	78	174	56	104	32	4	1215
1890	7	19	38	46	126	325	321	215	132	196	41	41	1507
1891	6	2	23	262	347	448	218	99	69	137	90	27	1728
1892	115	1	329	138	262	150	75	164	196	618	6	19	2073
1893	55	15	39	53	220	301	314	81	128	73	14	192	1485
1894	...	23	382	6	185	216	187	232	90	56	...	10	1387
1895	96	9	28	154	130	67	142	139	229	30	1	...	1025
1896	52	2	347	136	60	32	196	154	...	121	98	...	1198
1897	46	75	2	83	37	118	96	213	85	66	...	47	868
1898	1	64	...	21	236	441	77	157	25	139	116	51	1328
1899	64	104	6	68	102	154	168	235	88	63	84	63	1199
Means ...	58	59	92	106	192	215	153	184	130	150	52	36	1427

BALLADONIA (3223).

1891	3	...	36	6	100	106	44	16	29	19	6	20	385
1892	28	...	315	131	48	62	127	165	127	570	25	11	1609
1893	69	15	15	30	250	174	72	6	33	43	37	144	888
1894	...	...	180	...	36	74	54	87	47	18	...	12	508
1895	208	54	12	69	108	31	78	53	201	18	34	...	866
1896	37	23	617	39	13	85	228	52	...	15	126	36	1271
1897	31	12	119	129	8	171	10	81	22	13	...	13	609
1898	...	121	...	41	67	490	55	150	31	98	33	146	1232
1899	56	73	...	...	33	82	36	224	30	131	17	15	697
Means ...	48	33	144	49	74	142	78	92	58	103	31	44	896

EYRE (3226).

1885	...	27	29	100	210	131	81	33	176	315	145	2	1249
1886	228	6	20	109	45	36	133	250	76	70	23	25	1021
1887	24	119	2	132	91	153	112	101	76	42	182	27	1061
1888	220	...	13	5	51	230	116	167	60	36	101	19	1018
1889	53	3	102	16	269	300	136	88	50	69	13	...	1099
1890	14	8	10	34	157	314	258	74	124	103	44	24	1164
1891	...	2	28	58	212	358	82	47	88	86	80	53	1094
1892	18	12	85	77	221	89	154	177	177	175	36	23	1244
1893	203	48	16	34	192	177	123	75	37	4	63	111	1083
1894	1	5	73	13	111	41	83	184	25	26	8	43	613
1895	154	11	5	252	135	33	128	27	52	11	23	...	831
1896	57	240	232	32	50	32	142	86	3	4	71	32	981
1897	9	57	37	87	64	247	15	153	37	32	8	2	748
1898	...	2	3	57	108	480	58	106	...	74	9	90	987
1899	207	74	5	24	68	129	49	196	72	21	29	15	889
Means ...	79	41	44	69	132	183	111	118	70	71	56	31	1005

* Not included in mean. ... Signifies "*nil*." — Signifies "no record."

Rainfall Tables for Degree Squares.

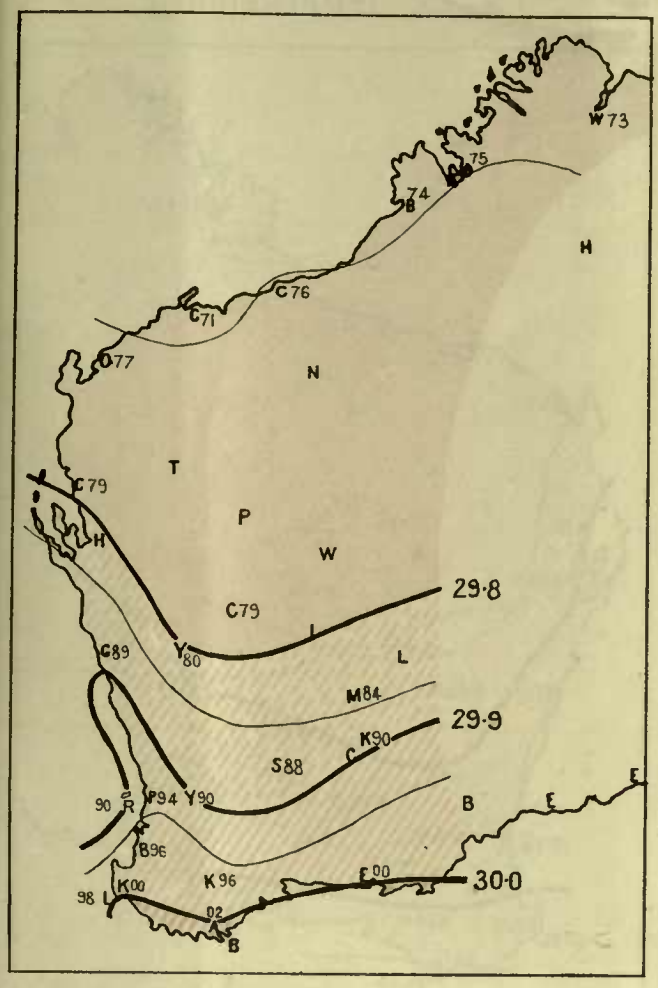
EUCLA (3128).

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1884	162	58	130	92	121	69	87	28	75	73	59	63	1017
1885	...	113	56	232	125	88	80	23	142	45	85	8	997
1886	240	9	6	138	52	101	191	178	83	69	23	17	1107
1887	119	23	3	184	128	238	29	56	25	13	141	61	1020
1888	217	5	3	9	23	98	71	137	33	65	10	6	677
1889	44	12	141	104	127	285	49	74	87	25	42	14	1004
1890	3	16	8	125	110	127	152	30	27	97	58	4	757
1891	9	1	14	60	198	243	138	43	138	111	12	13	980
1892	24	16	180	99	63	66	195	234	186	203	43	93	1402
1893	215	10	26	81	115	170	156	81	43	40	448	33	1418
1894	20	3	50	10	96	18	142	92	46	38	4	16	535
1895	128	70	85	427	77	30	22	70	105	8	23	...	1045
1896	158	680	140	34	182	12	116	52	24	24	19	40	1481
1897	1	94	24	76	27	126	30	77	35	21	...	26	537
1898	3	103	18	87	86	328	31	41	2	60	26	8	793
1899	110	55	67	4	125	110	70	153	333	10	39	...	1076
Means ...	91	79	59	110	103	132	97	86	87	56	65	25	990

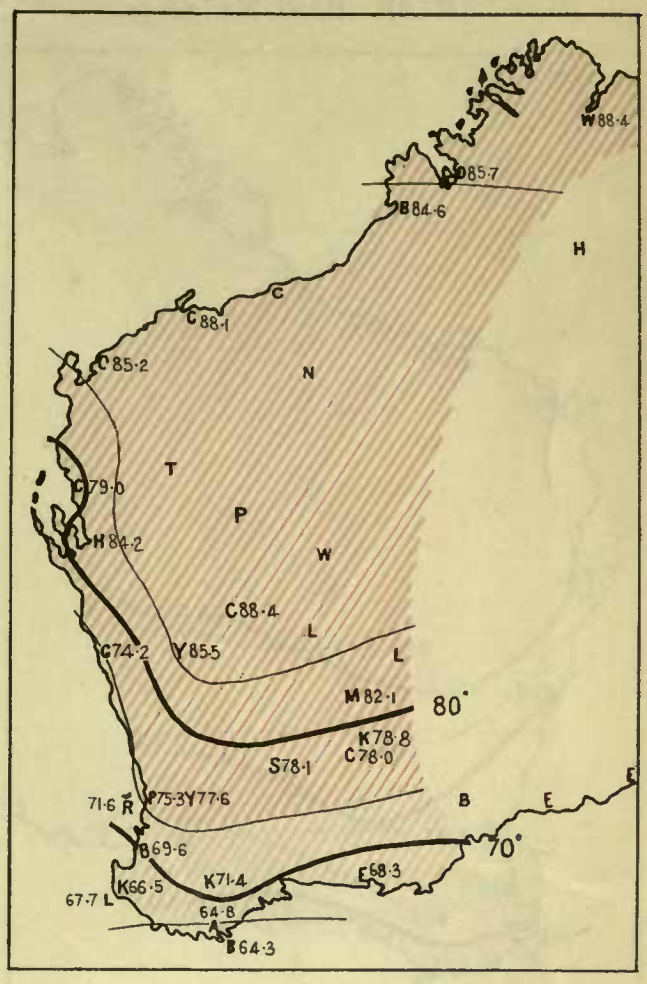
... Signifies "*nil*." — Signifies "no record."

Climate of Western Australia for the Month of January

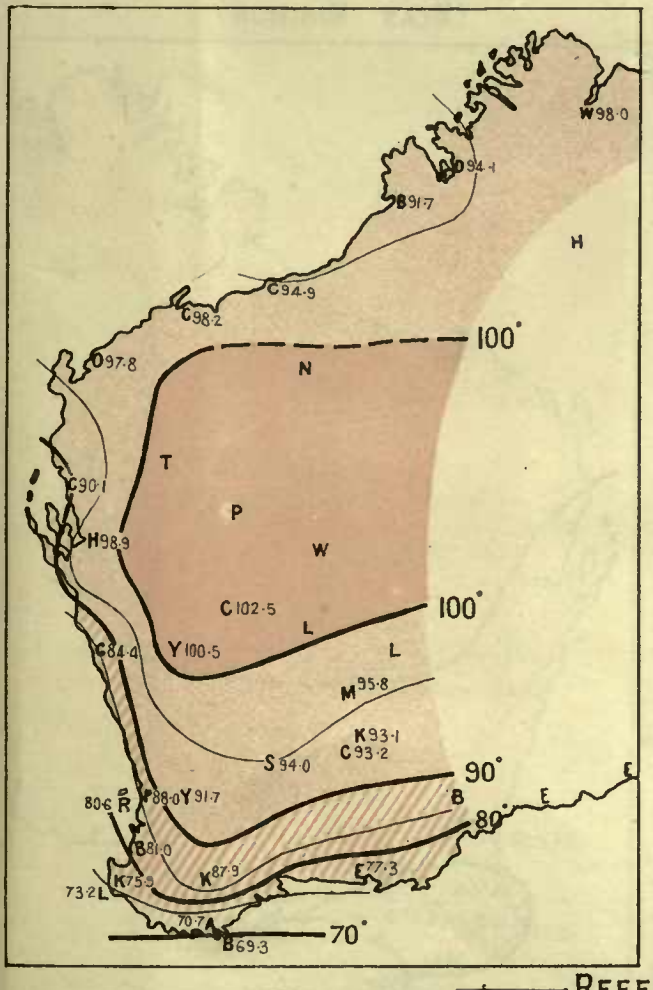
(Mean Barometer)



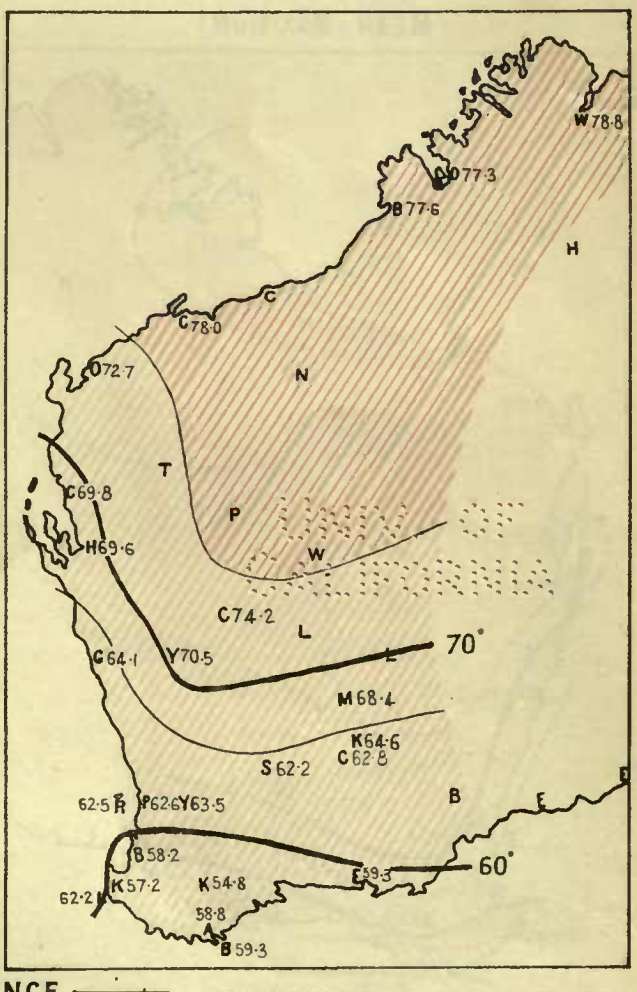
(Mean Temperature)



Day Temperature
(Mean Maximum)



Night Temperature
(Mean Minimum)

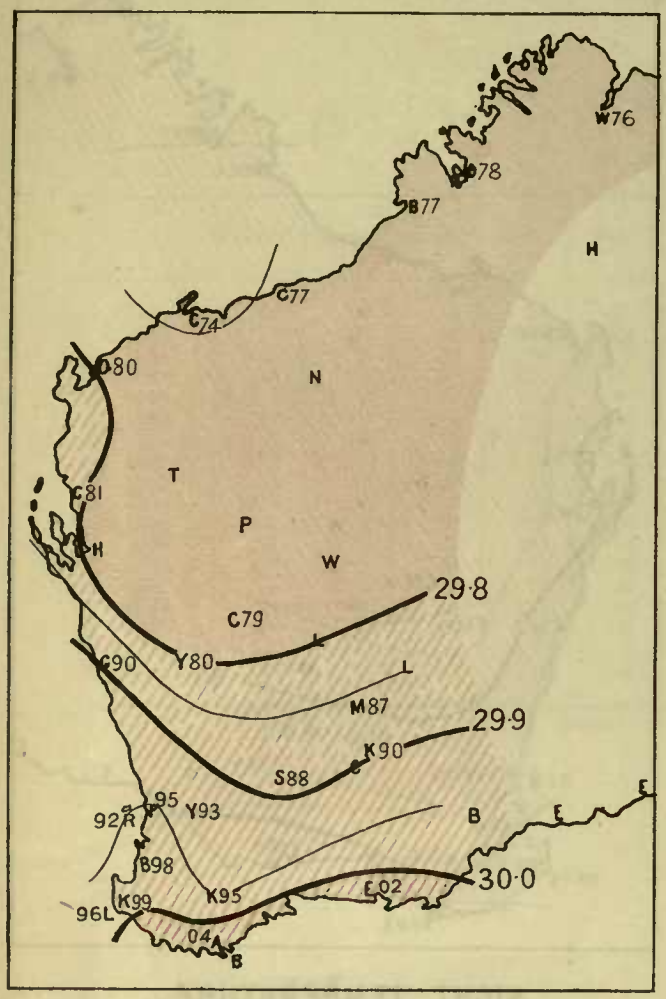


Reference

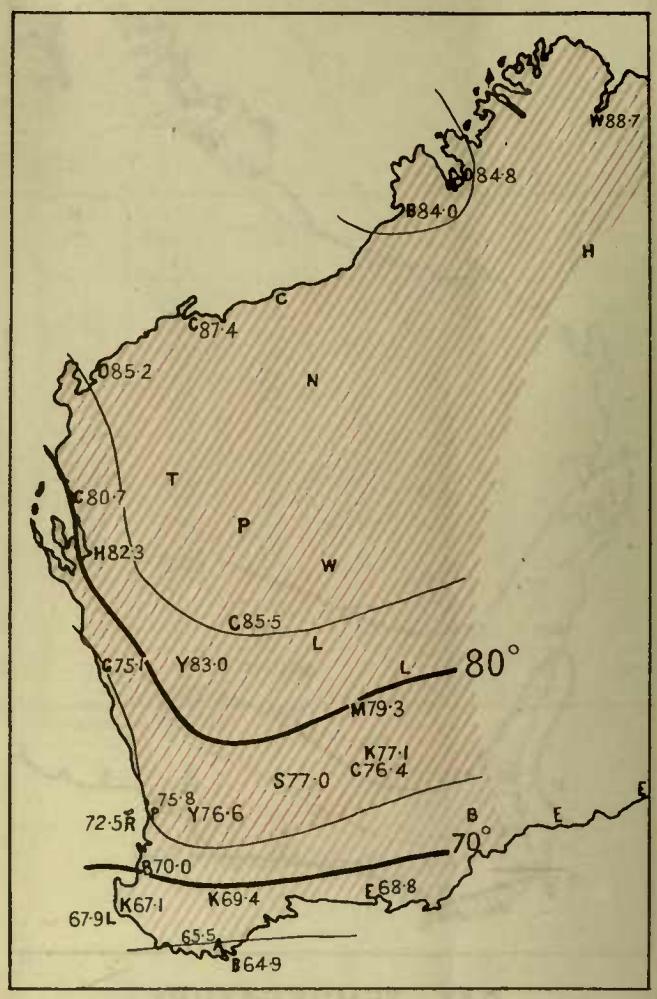
Temperature			Barometer		
Below 45°		Between 75° & 90°	Below 29·8		Between 30·0 & 30·1
Between 45° & 60°		„ 90° & 100°	Between 29·8 & 29·9		„ 30·1 & 30·2
„ 60° & 75°		Above 100°	„ 29·9 & 30·0		Above 30·2

CLIMATE OF WESTERN AUSTRALIA FOR THE MONTH OF FEBRUARY

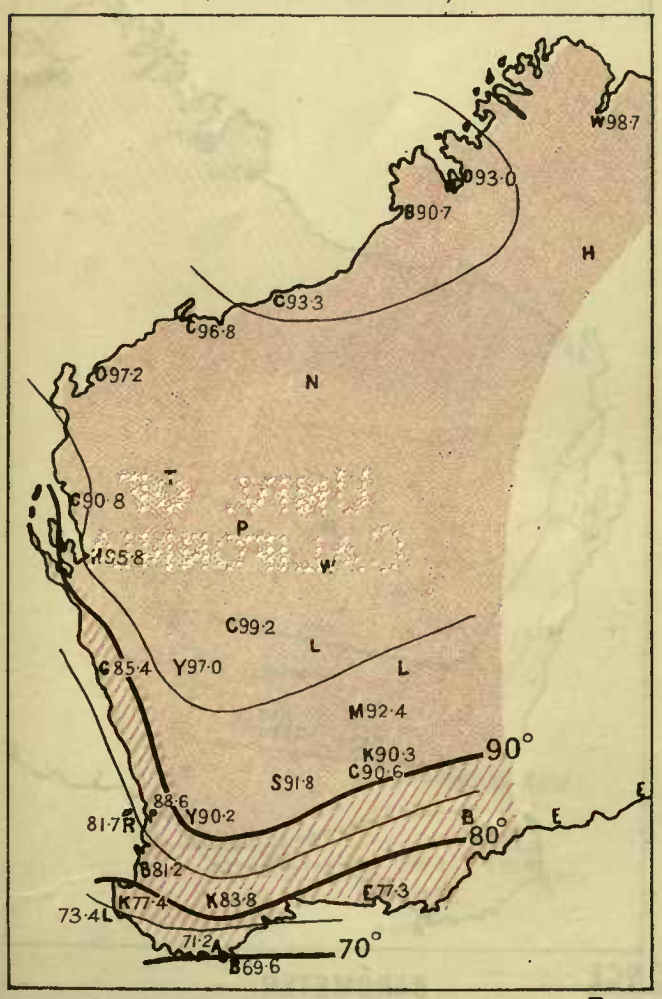
(MEAN BAROMETER)



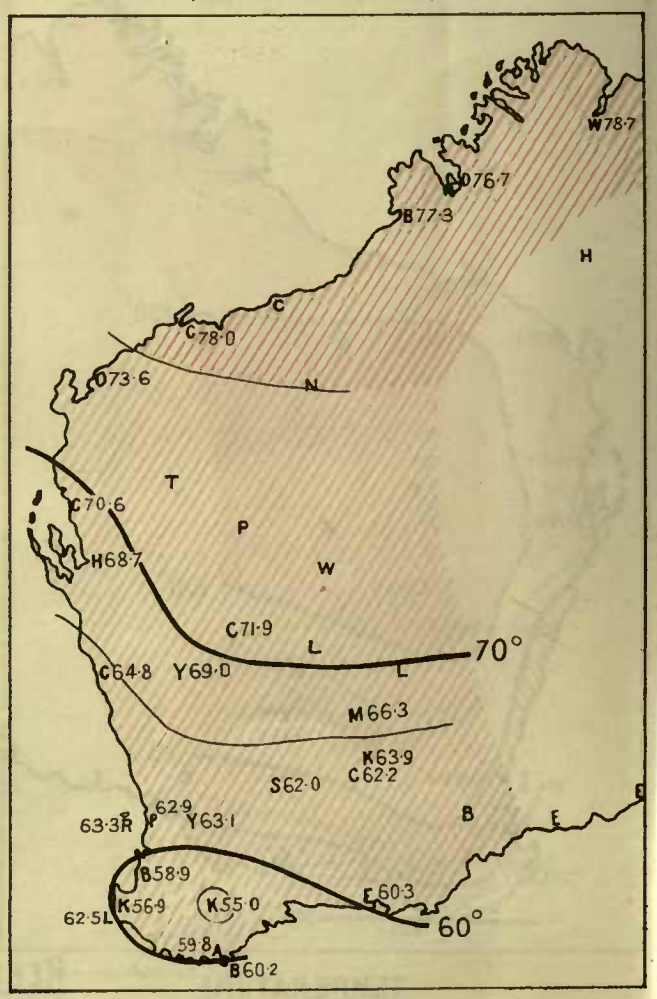
(MEAN TEMPERATURE)



DAY TEMPERATURE
(MEAN MAXIMUM)



NIGHT TEMPERATURE
(MEAN MINIMUM)

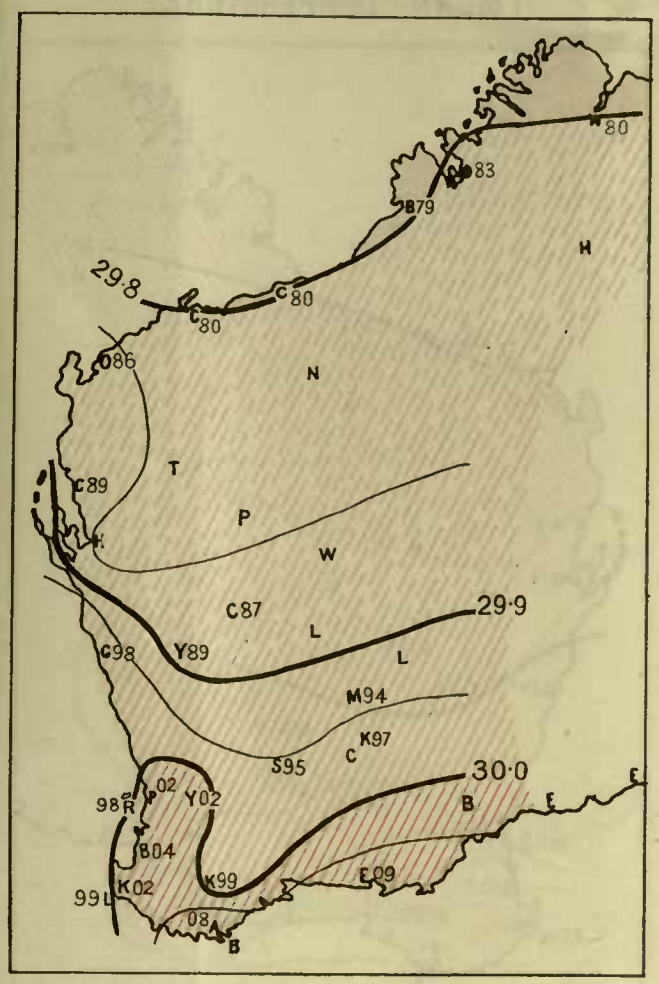


REFERENCE

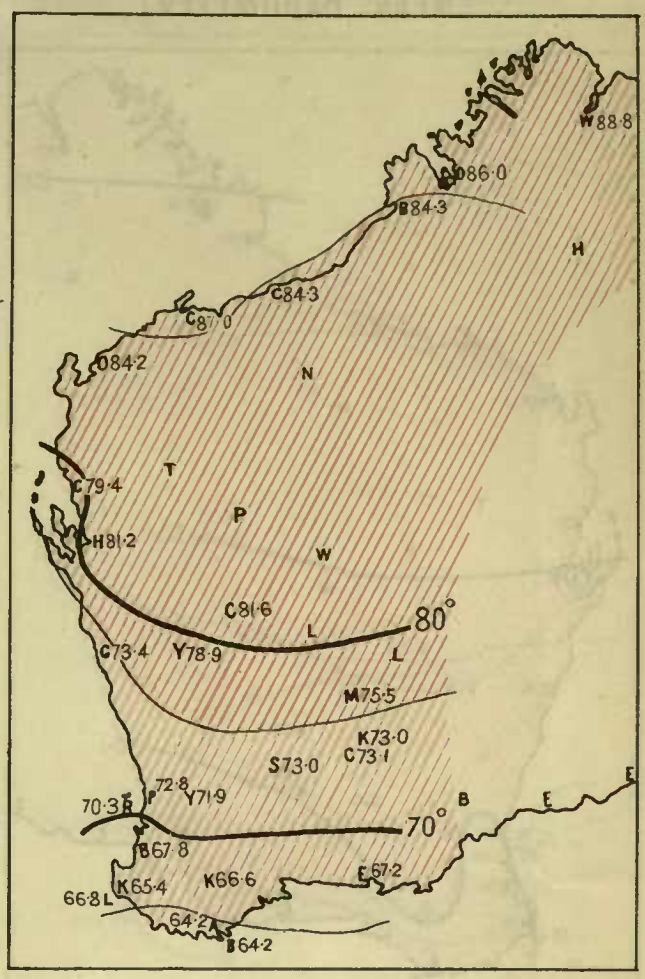
TEMPERATURE				BAROMETER			
Below 45°		Between 75° & 90°		Below 29·8		Between 30·0 & 30·1	
Between 45° & 60°		„ 90° & 100°		Between 29·8 & 29·9		„ 30·1 & 30·2	
60° & 75°		Above 100°		29·9 & 30·0		Above 30·2	

Climate of Western Australia for the Month of March

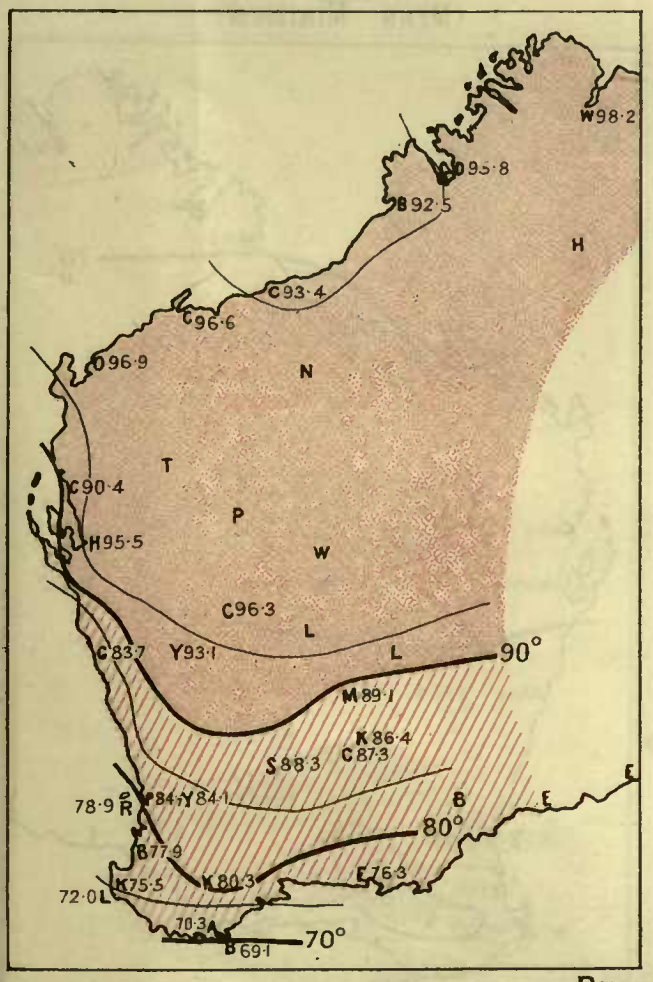
(Mean Barometer)



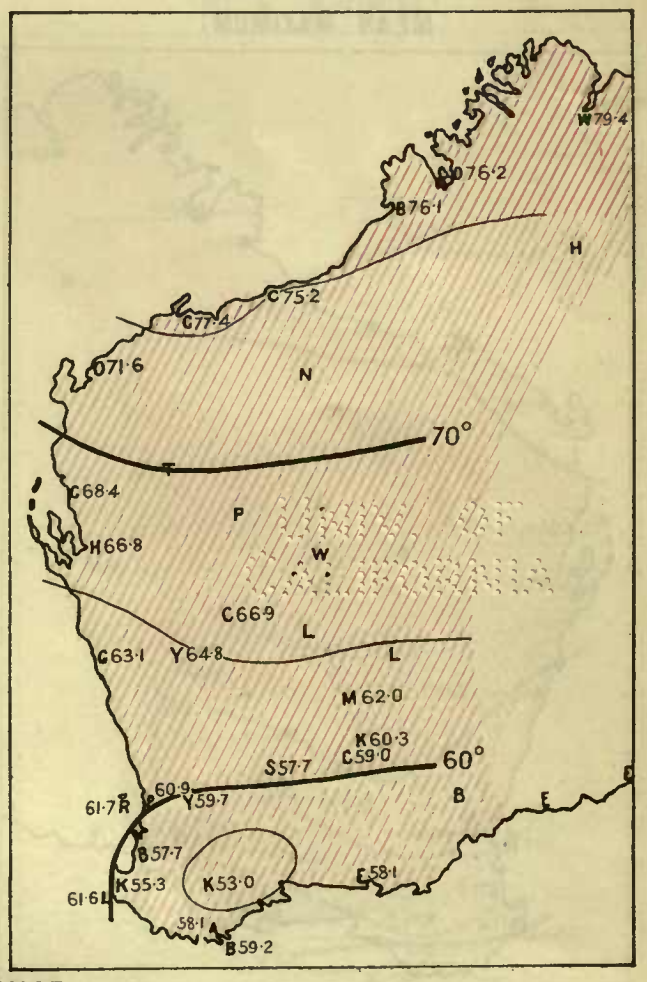
(Mean Temperature)



Day Temperature
(Mean Maximum)



Night Temperature
(Mean Minimum)

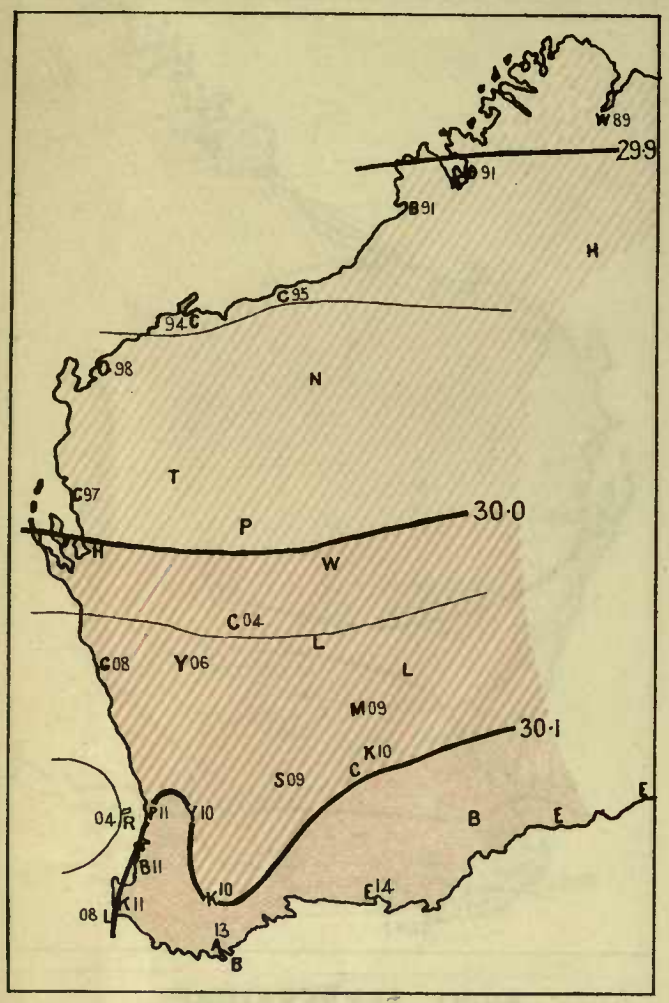


Reference

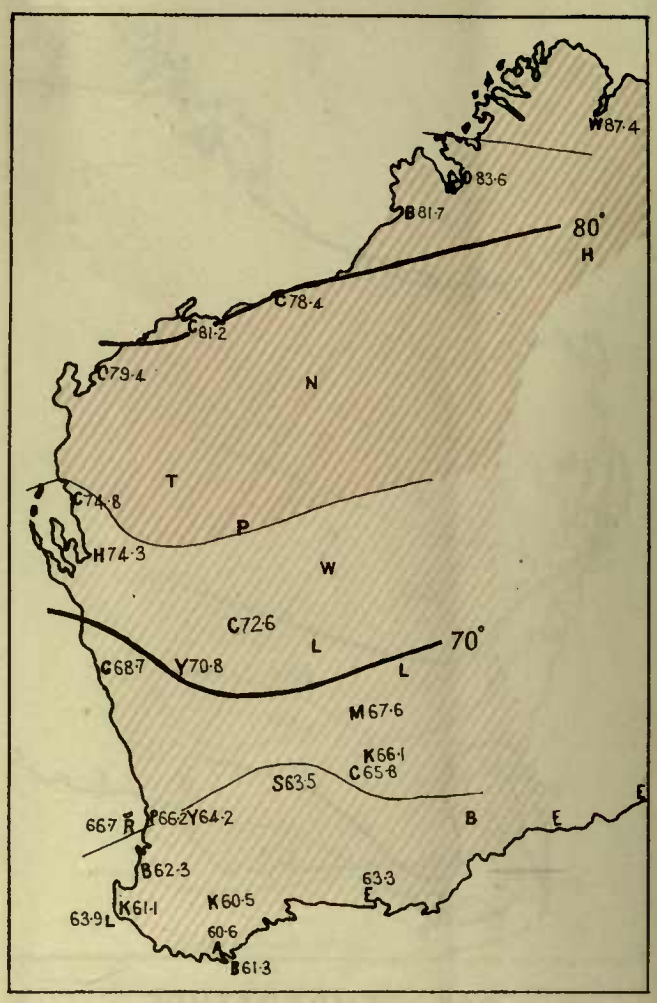
Temperature			Barometer		
Below 45°		Between 75° & 90°	Below 29·8		Between 30·0 & 30·1
Between 45° & 60°		„ 90° & 100°	Between 29·8 & 29·9		„ 30·1 & 30·2
„ 60° & 75°		Above 100°	„ 29·9 & 30·0		Above 30·2

Climate of Western Australia for the Month of April

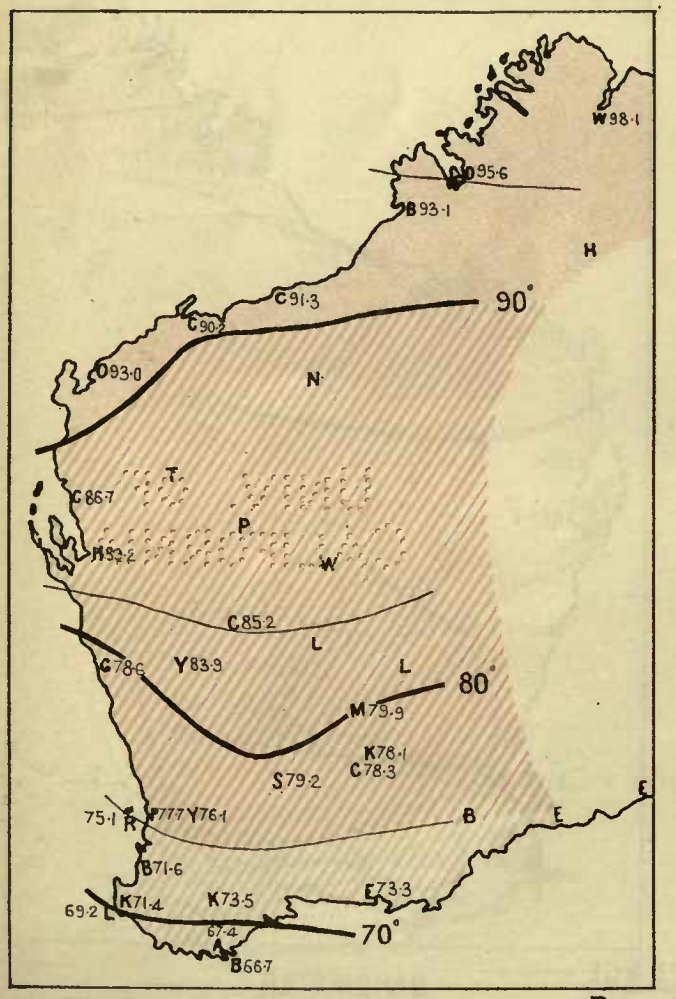
(Mean Barometer)



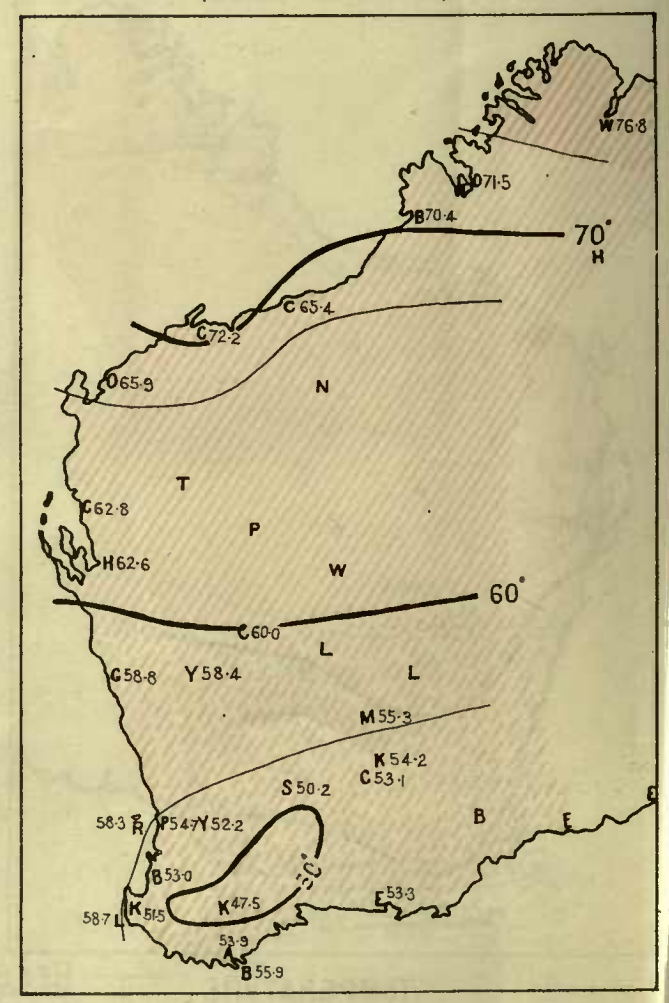
(Mean Temperature)



Day Temperature
(Mean Maximum)



Night Temperature
(Mean Minimum)

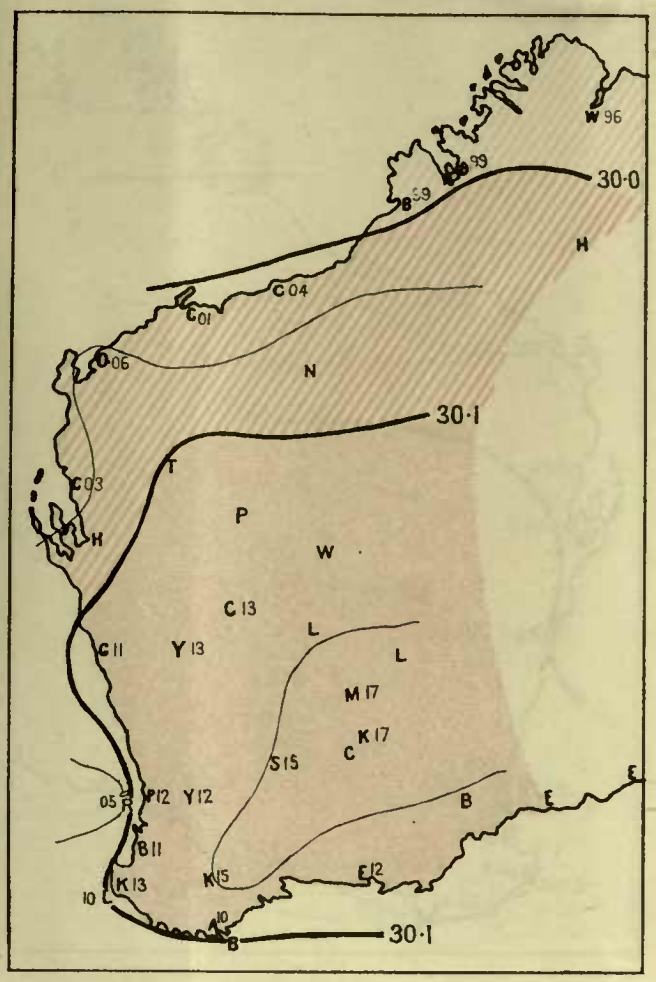


Reference

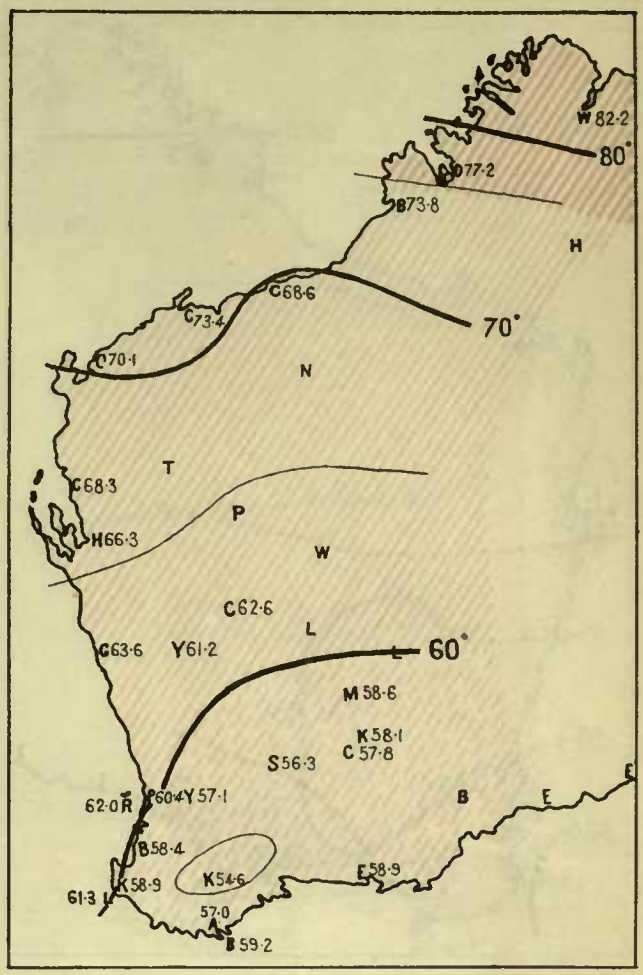
Temperature			Barometer		
Below 45°		Between 75° & 90°	Below 29·8		Between 30·0 & 30·1
Between 45° & 60°		„ 90° & 100°	Between 29·8 & 29·9		„ 30·1 & 30·2
60° & 75°					

Climate of Western Australia for the Month of May

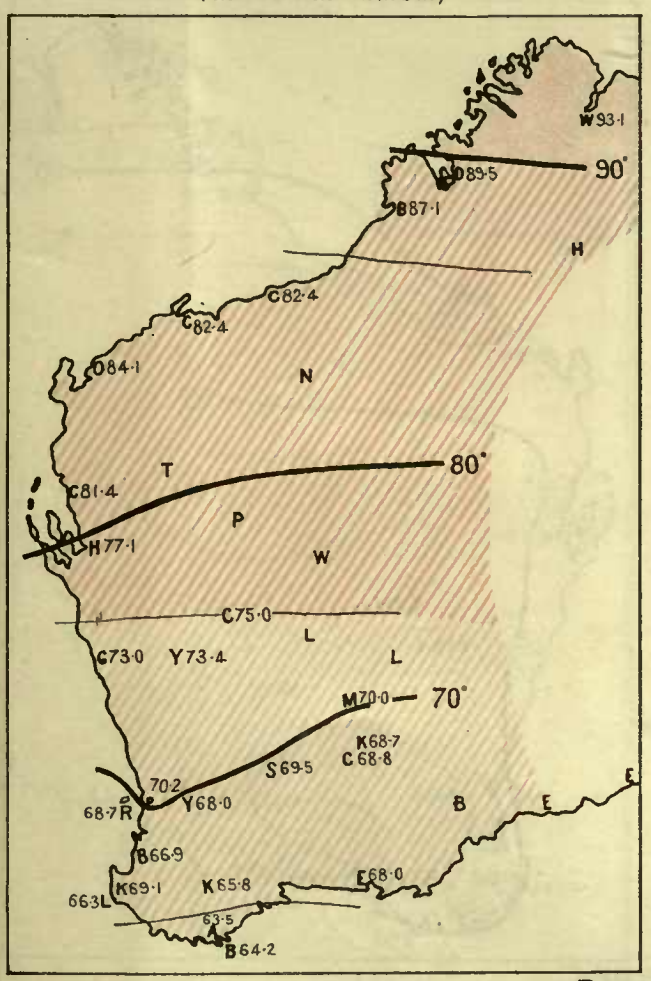
(Mean Barometer)



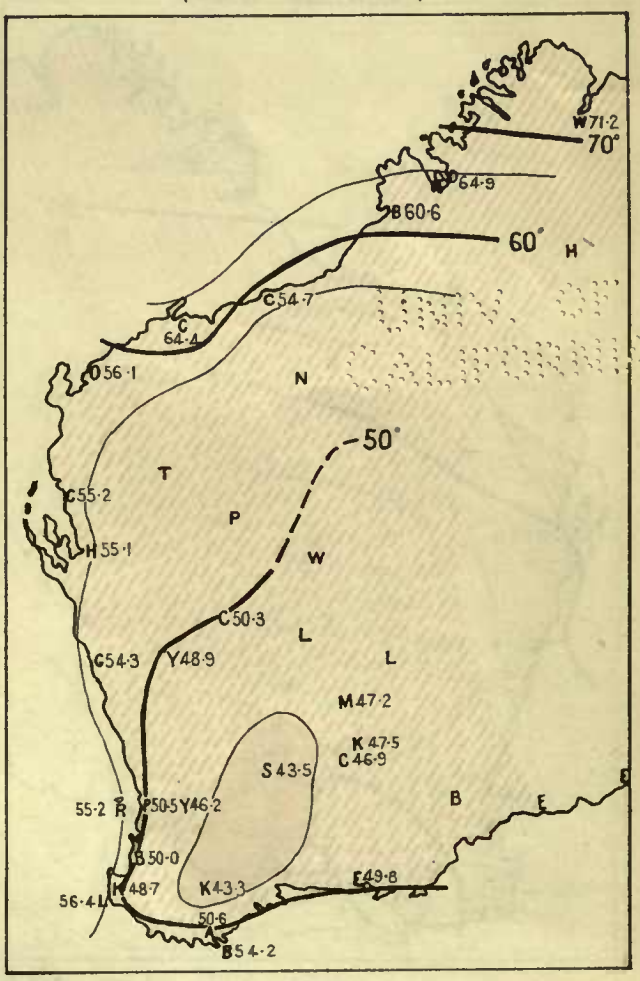
(Mean Temperature)



Day Temperature
(Mean Maximum)



Night Temperature
(Mean Minimum)

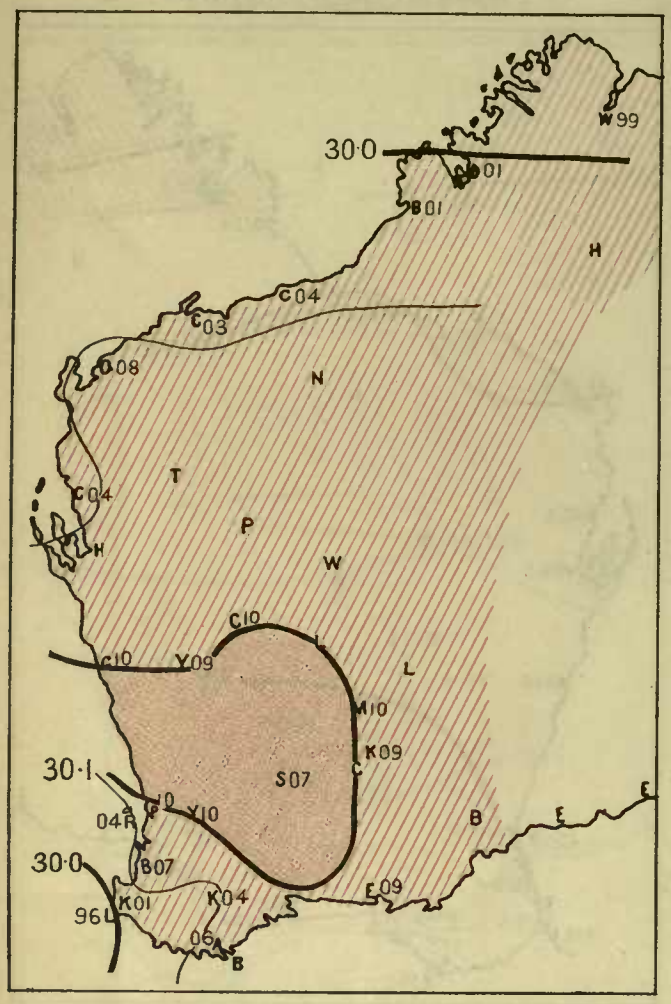


Reference

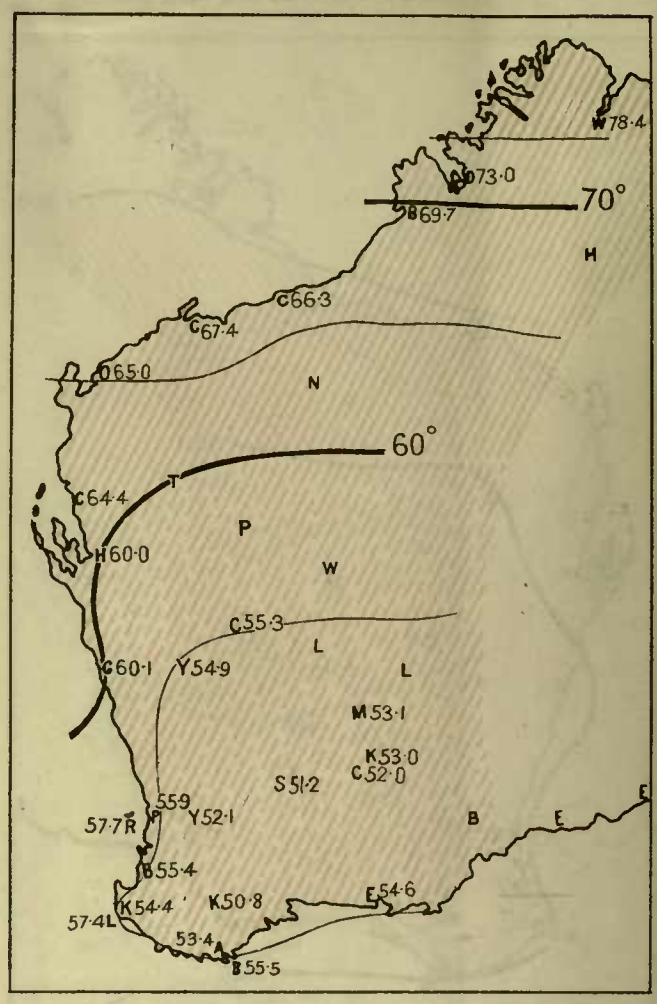
Temperature			Barometer		
Below 45°		Between 75° & 90°	Below 29·8		Between 30·0 & 30·1
Between 45° & 60°		„ 90° & 100°	Between 29·8 & 29·9		„ 30·1 & 30·2
„ 60° & 75°		Above 100°	„ 29·9 & 30·0		Above 30·2

Climate of Western Australia for the Month of June

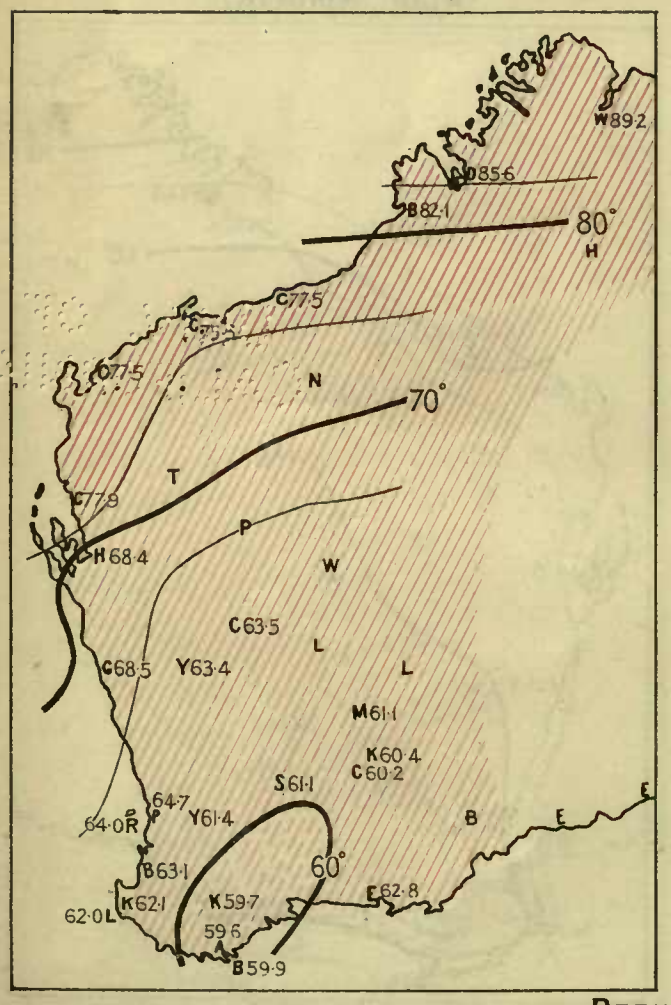
(Mean Barometer)



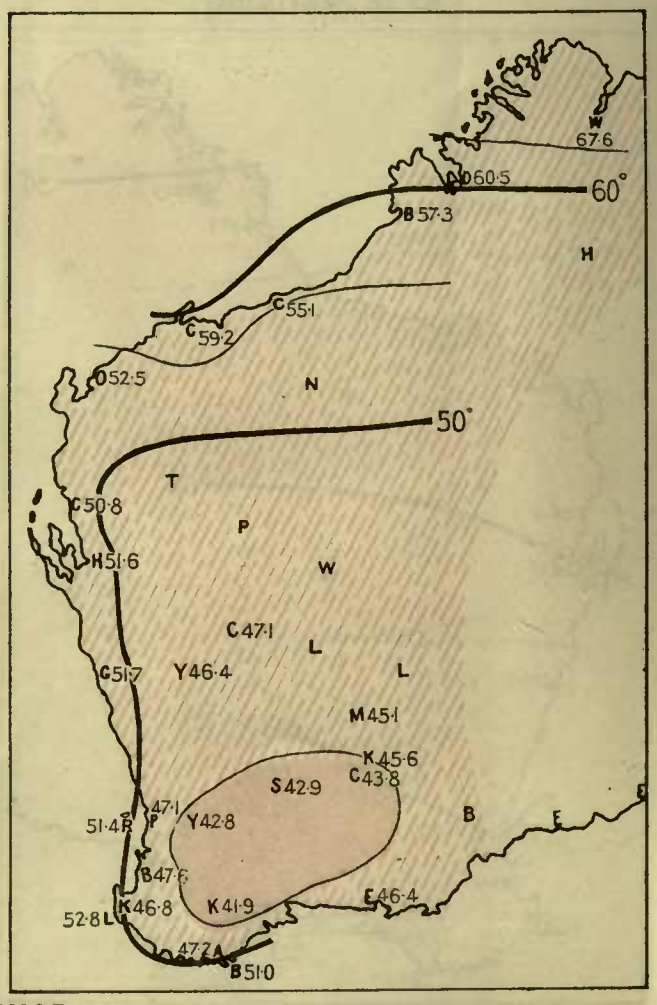
(Mean Temperature)



Day Temperature
(Mean Maximum)



Night Temperature
(Mean Minimum)

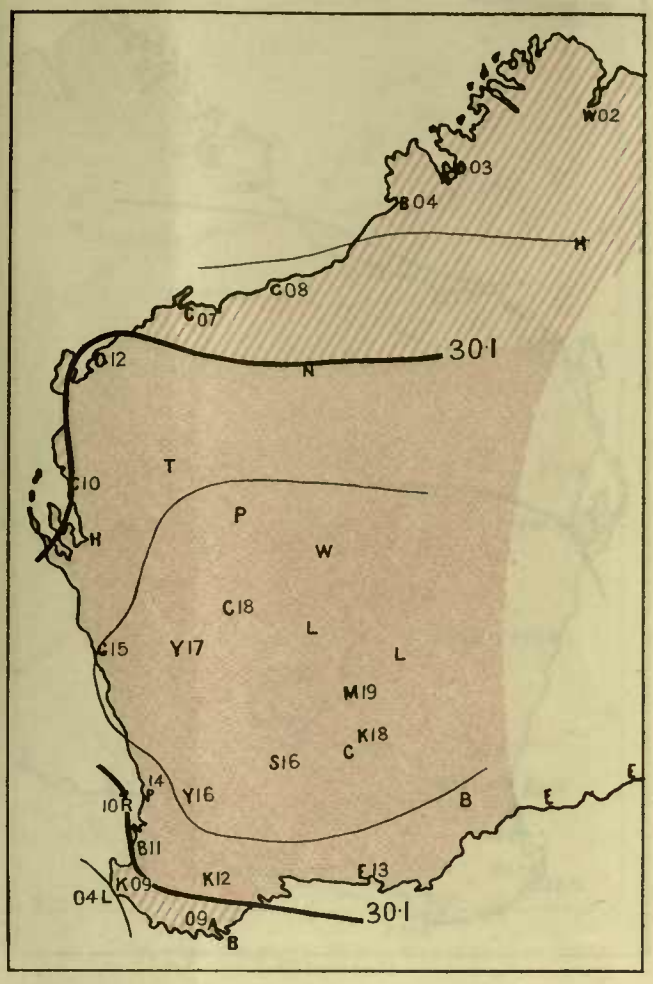


Reference

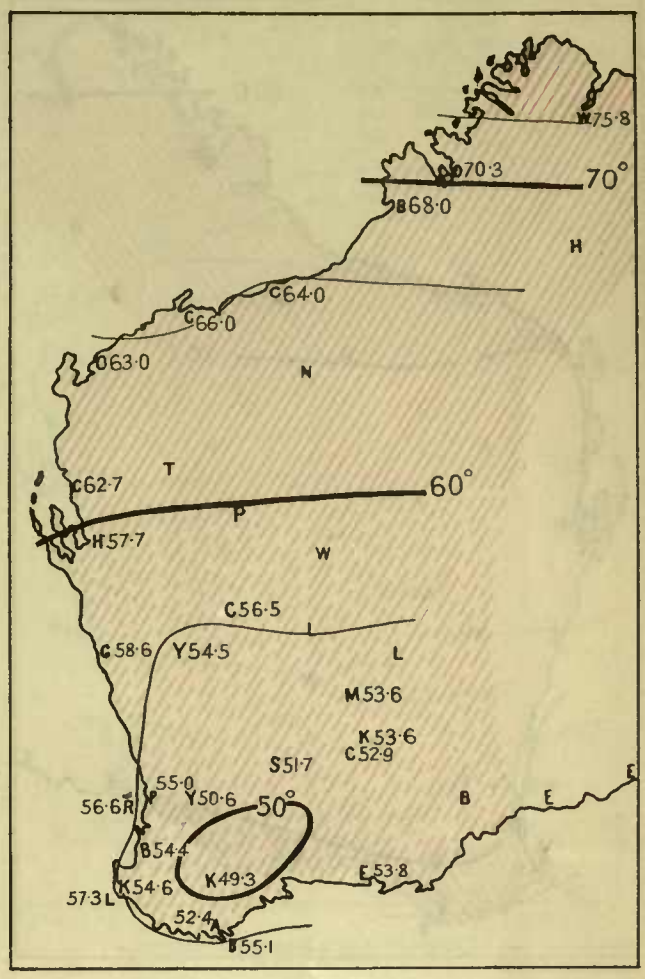
Temperature			Barometer		
Below 45°		Between 75° & 90°	Below 29·8		Between 30·0 & 30·1
Between 45° & 60°		„ 90° & 100°	Between 29·8 & 29·9		„ 30·1 & 30·2
„ 60° & 75°		Above 100°	„ 29·9 & 30·0		Above 30·2

CLIMATE OF WESTERN AUSTRALIA FOR THE MONTH OF JULY

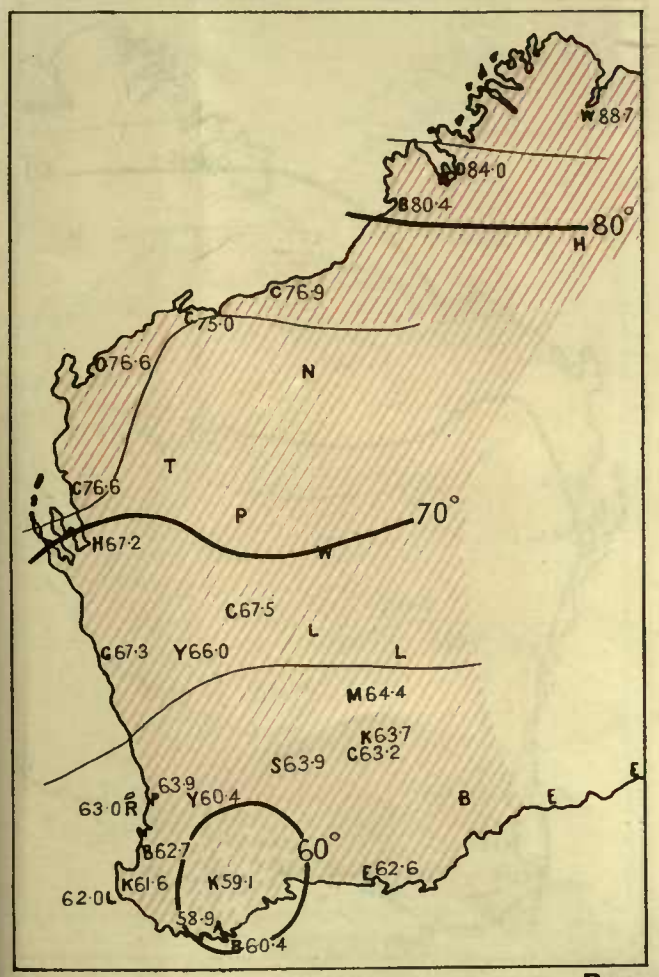
(MEAN BAROMETER)



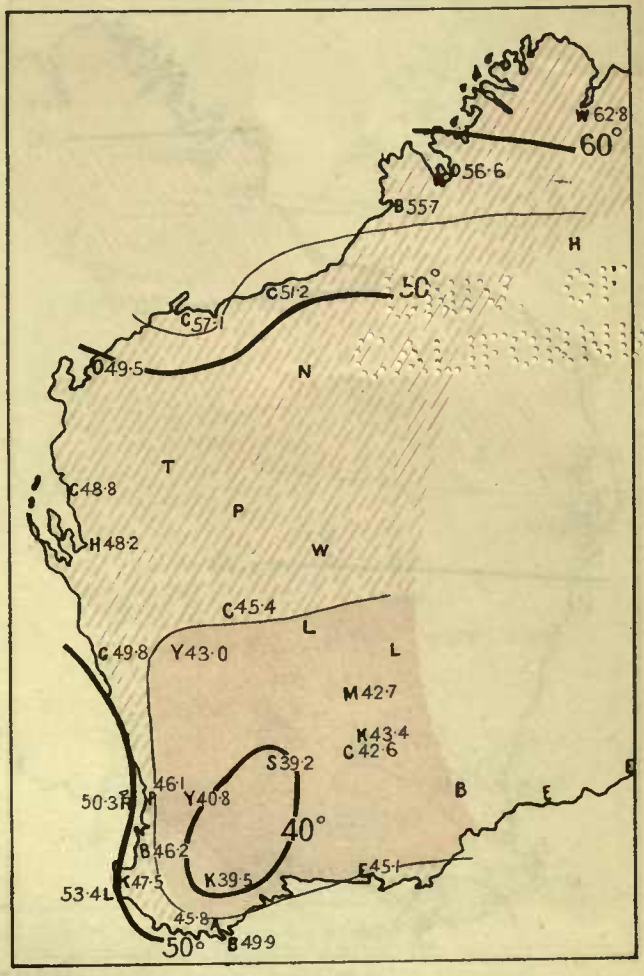
(MEAN TEMPERATURE)



DAY TEMPERATURE
(MEAN MAXIMUM)



NIGHT TEMPERATURE
(MEAN MINIMUM)

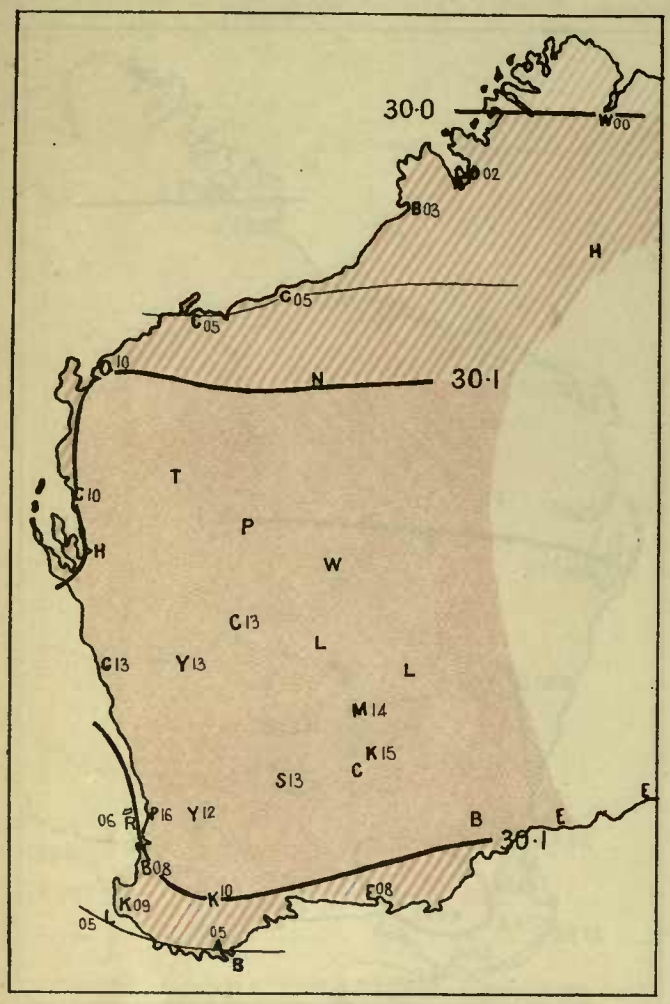


REFERENCE

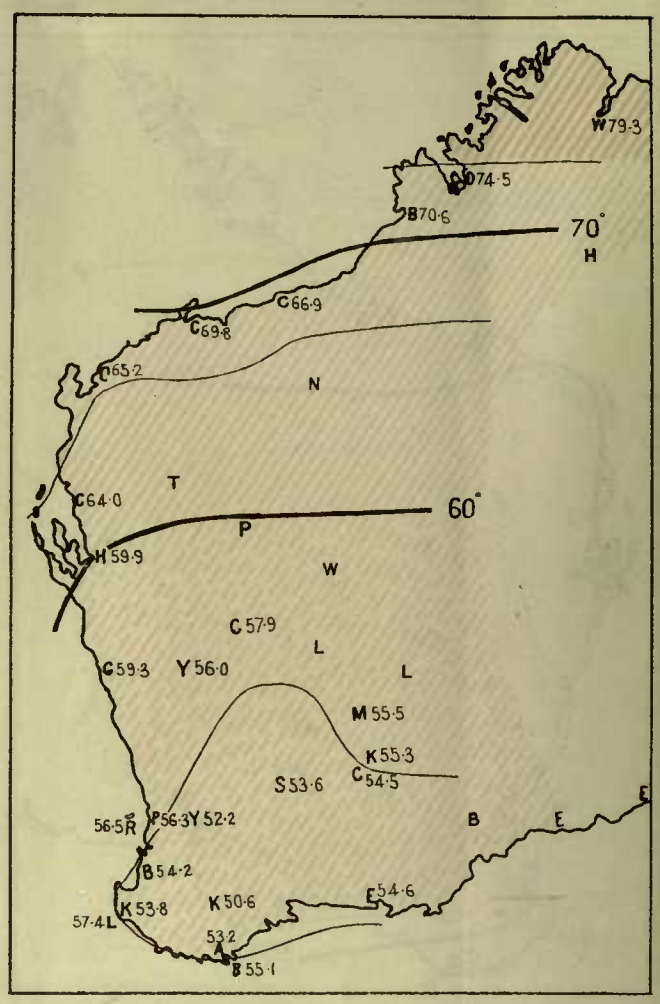
TEMPERATURE				BAROMETER			
Below 45°		Between 75° & 90°		Below 29·8		Between 30·0 & 30·1	
Between 45° & 60°		„ 90° & 100°		Between 29·8 & 29·9		„ 30·1 & 30·2	
„ 60° & 75°		Above 100°		„ 29·9 & 30·0		Above 30·2	

CLIMATE OF WESTERN AUSTRALIA FOR THE MONTH OF AUGUST

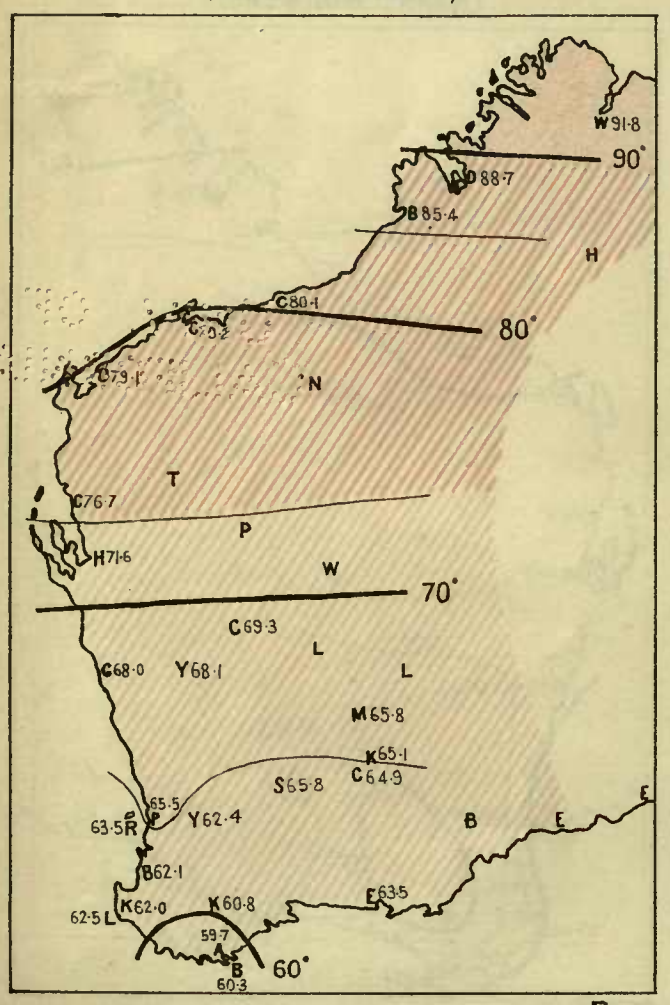
(MEAN BAROMETER)



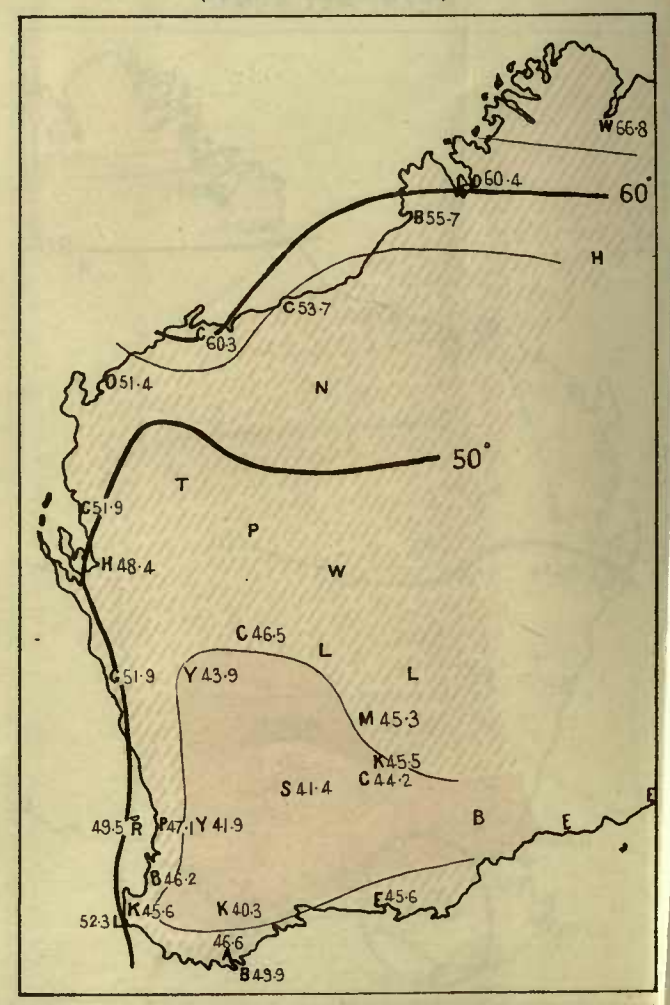
(MEAN TEMPERATURE)



DAY TEMPERATURE
(MEAN MAXIMUM)



NIGHT TEMPERATURE
(MEAN MINIMUM)

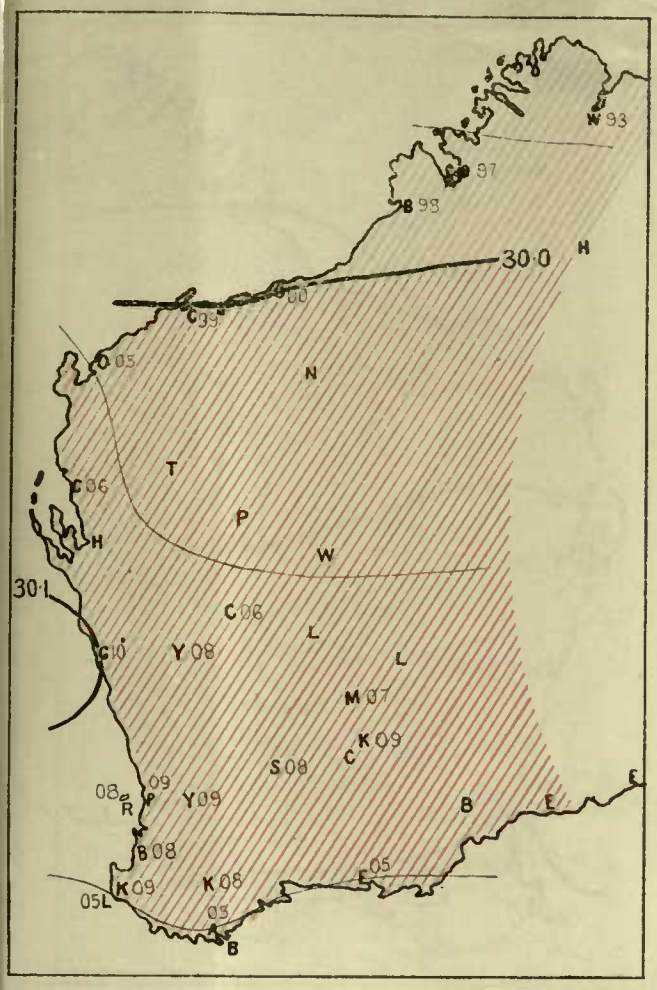


REFERENCE

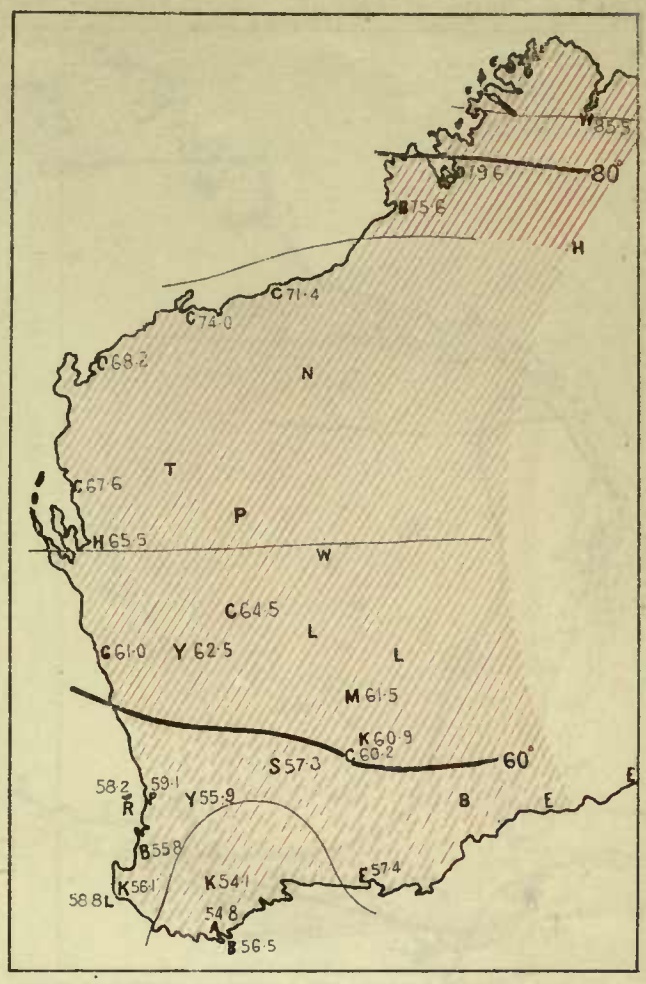
TEMPERATURE				BAROMETER			
Below 45°		Between 75° & 90°		Below 29·8		Between 30·0 & 30·1	
Between 45° & 60°		„ 90° & 100°		Between 29·8 & 29·9		„ 30·1 & 30·2	
„ 60° & 75°		Above 100°		„ 29·9 & 30·0		Above 30·2	

CLIMATE OF WESTERN AUSTRALIA FOR THE MONTH OF SEPTEMBER

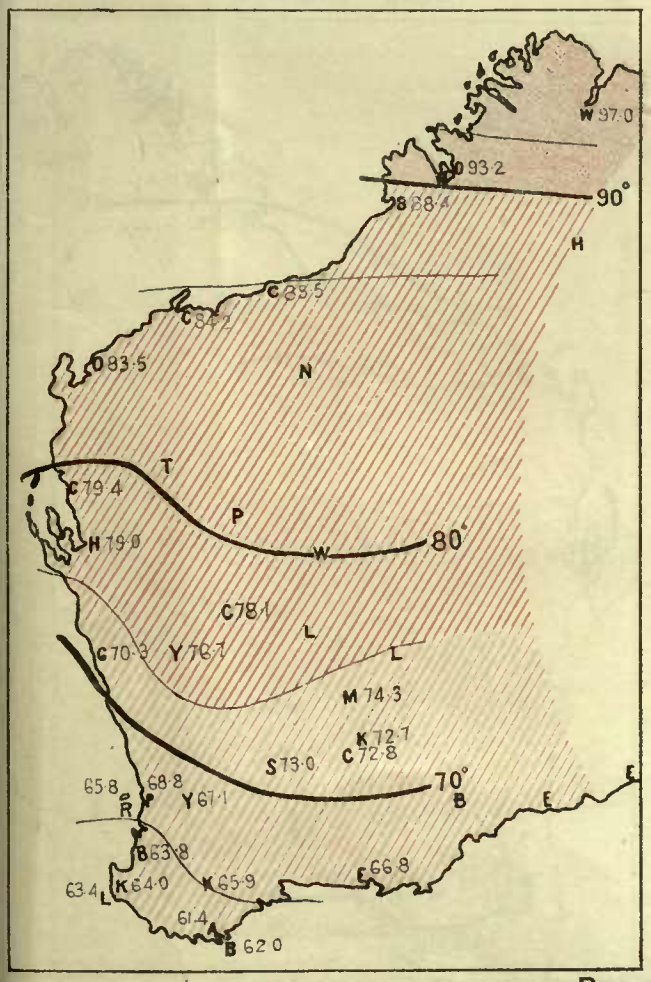
(MEAN BAROMETER)



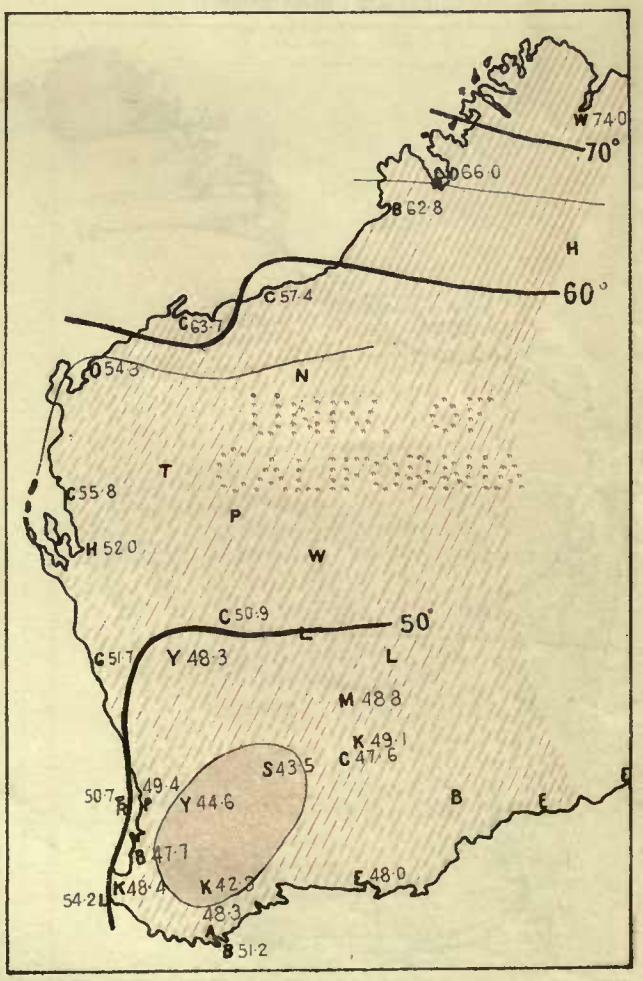
(MEAN TEMPERATURE)



DAY TEMPERATURE
(MEAN MAXIMUM)



NIGHT TEMPERATURE
(MEAN MINIMUM)

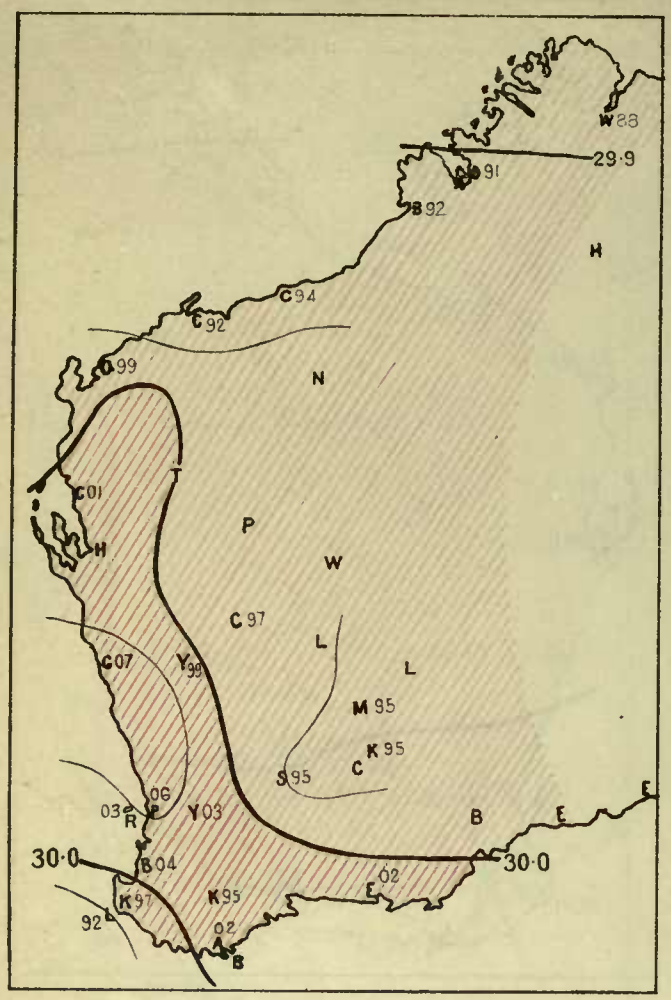


REFERENCE

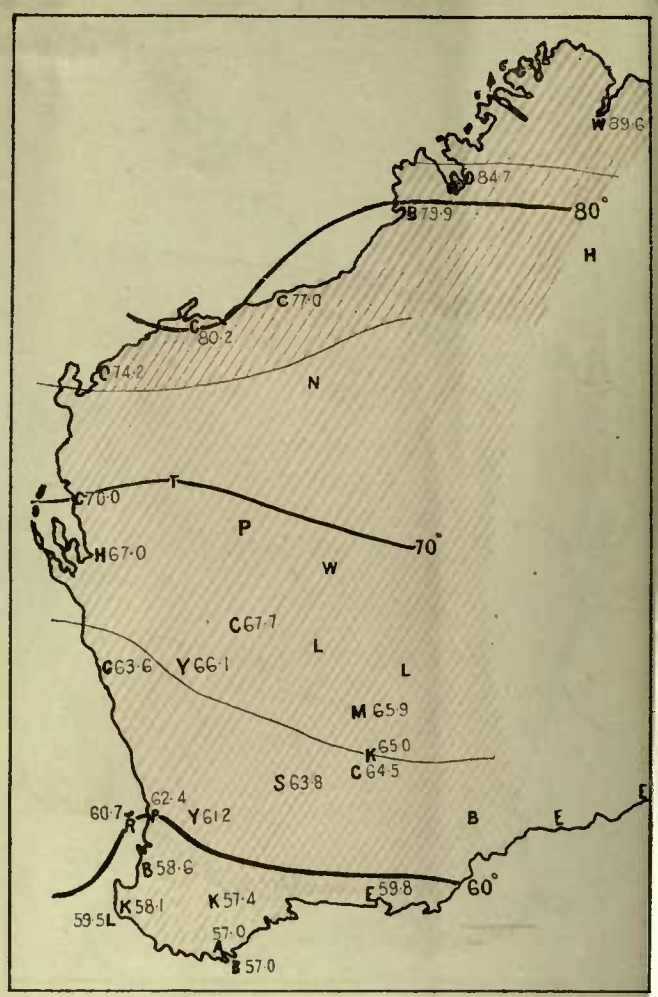
TEMPERATURE		BAROMETER	
Below 45°	Between 75° & 90°	Below 29·8	Between 30·0 & 30·1
Between 45° & 60°	„ 90° & 100°	Between 29·8 & 29·9	„ 30·1 & 30·2
„ 60° & 75°	Above 100°	„ 29·9 & 30·0	Above 30·2

CLIMATE OF WESTERN AUSTRALIA FOR THE MONTH OF OCTOBER

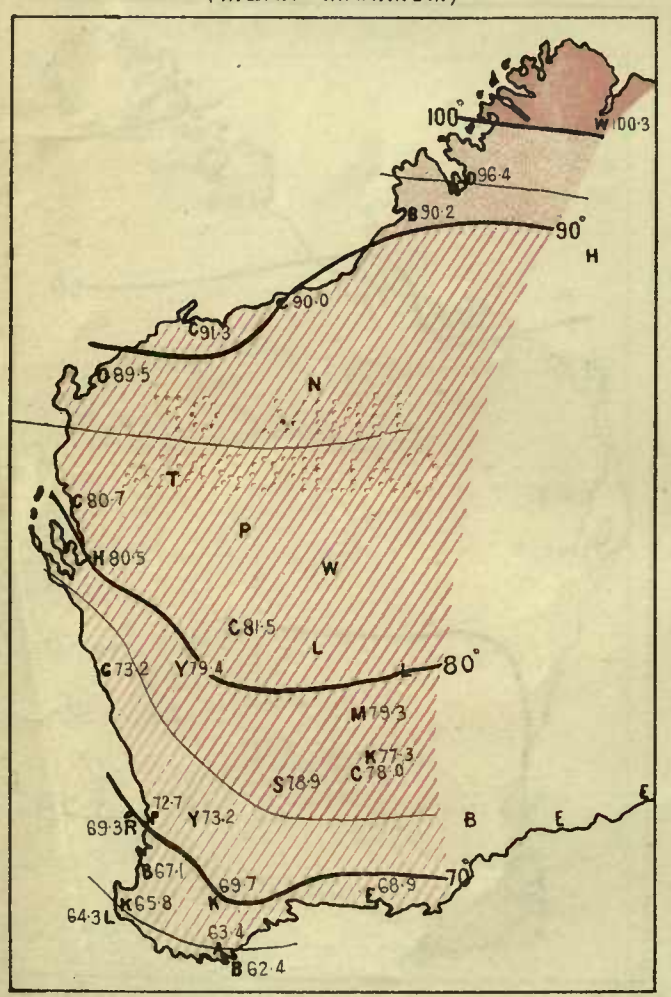
(MEAN BAROMETER)



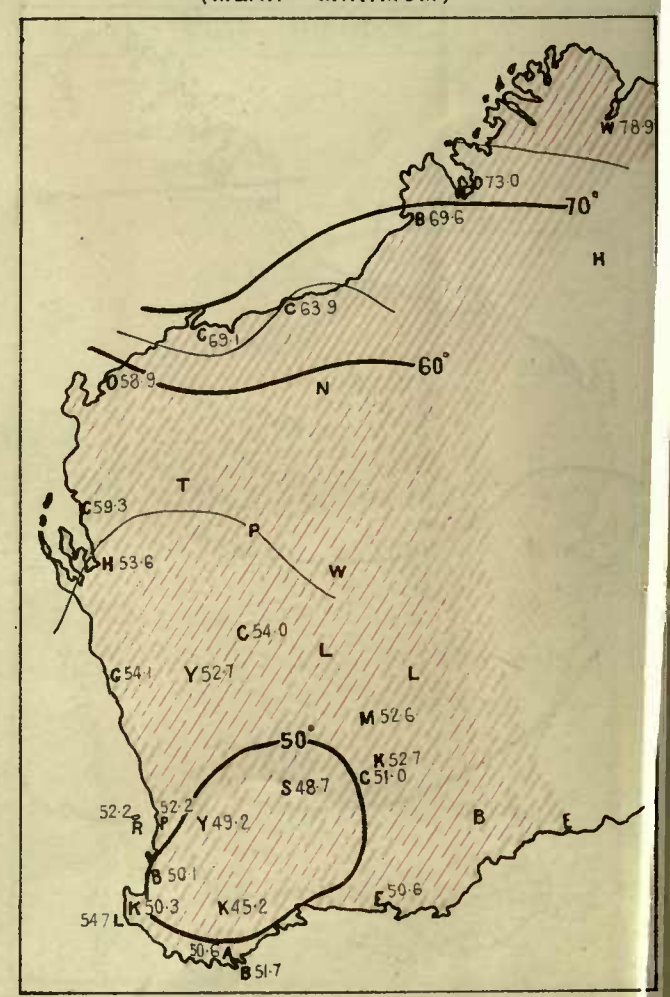
(MEAN TEMPERATURE)



DAY TEMPERATURE
(MEAN MAXIMUM)



NIGHT TEMPERATURE
(MEAN MINIMUM)

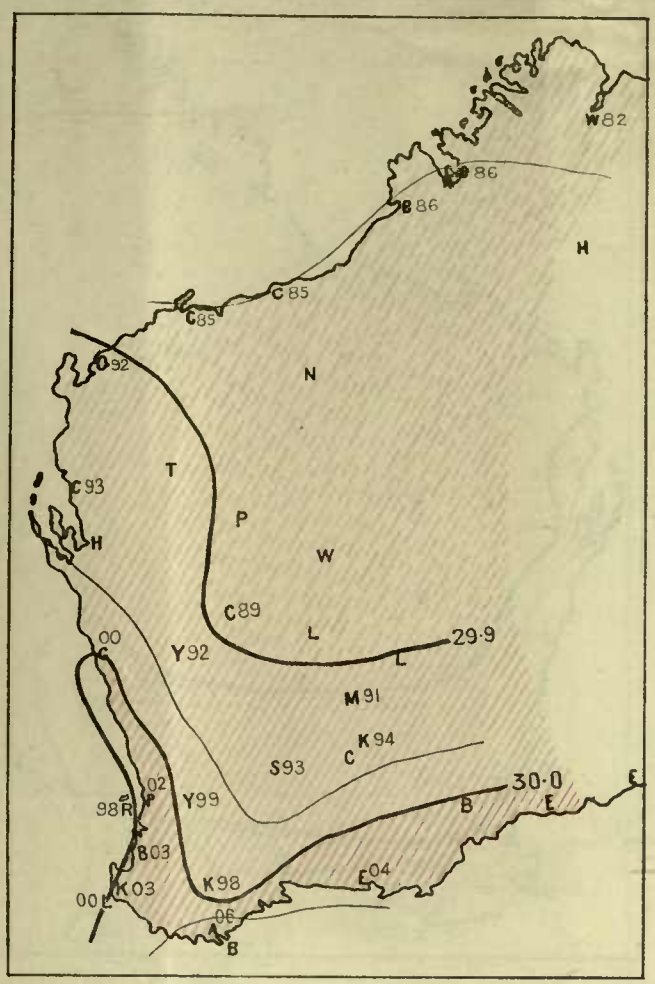


REFERENCE

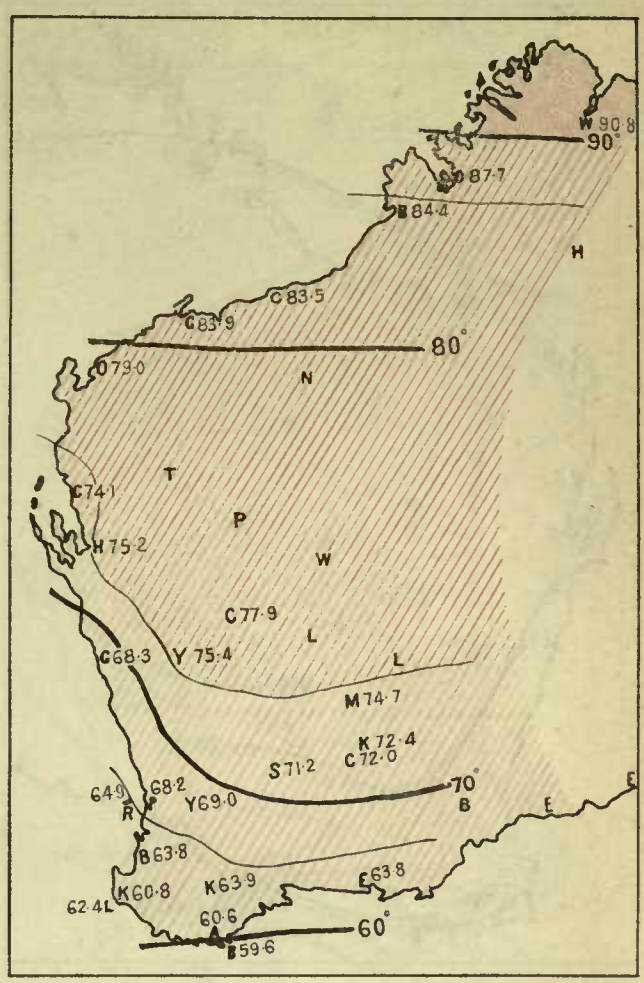
TEMPERATURE				BAROMETER			
Below 45°		Between 75° & 90°		Below 29·8		Between 30·0 & 30·1	
Between 45° & 60°		„ 90° & 100°		Between 29·8 & 29·9		„ 30·1 & 30·2	
„ 60° & 75°		Above 100°		„ 29·9 & 30·0		Above 30·2	

CLIMATE OF WESTERN AUSTRALIA FOR THE MONTH OF NOVEMBER

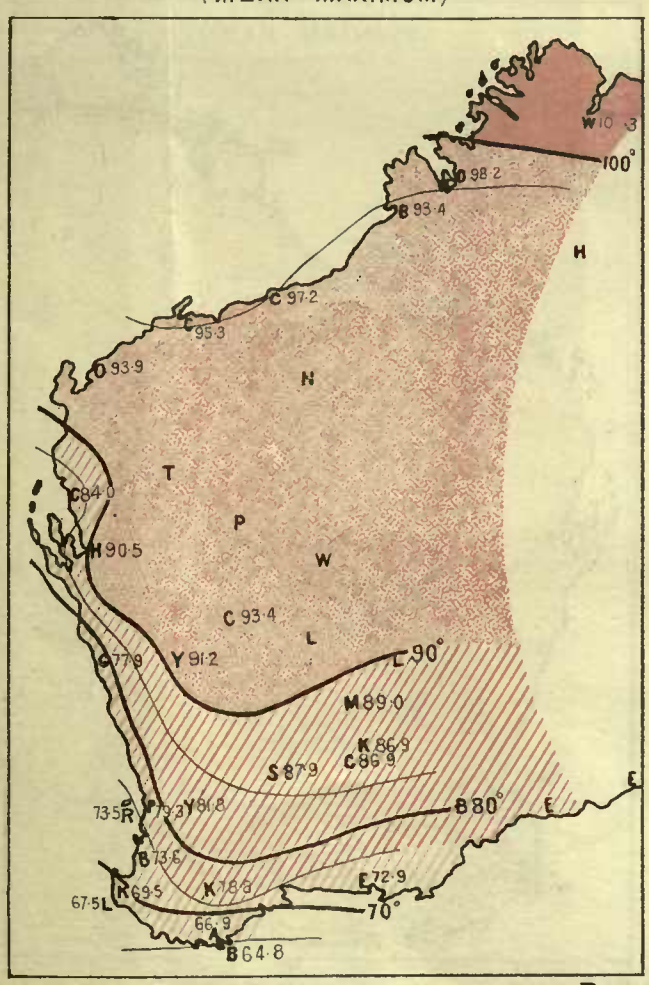
(MEAN BAROMETER)



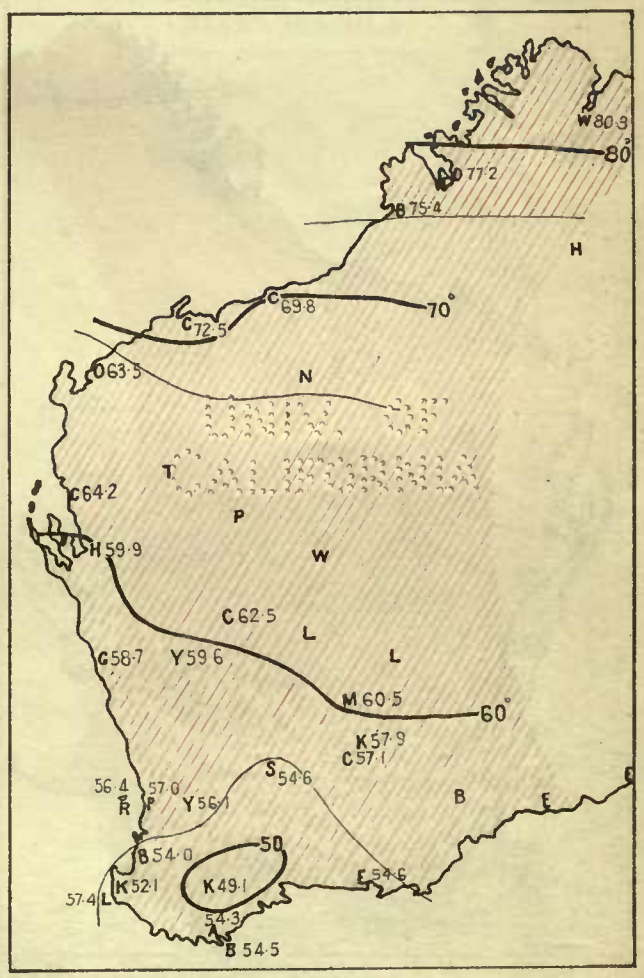
(MEAN TEMPERATURE)



DAY TEMPERATURE
(MEAN MAXIMUM)



NIGHT TEMPERATURE
(MEAN MINIMUM)

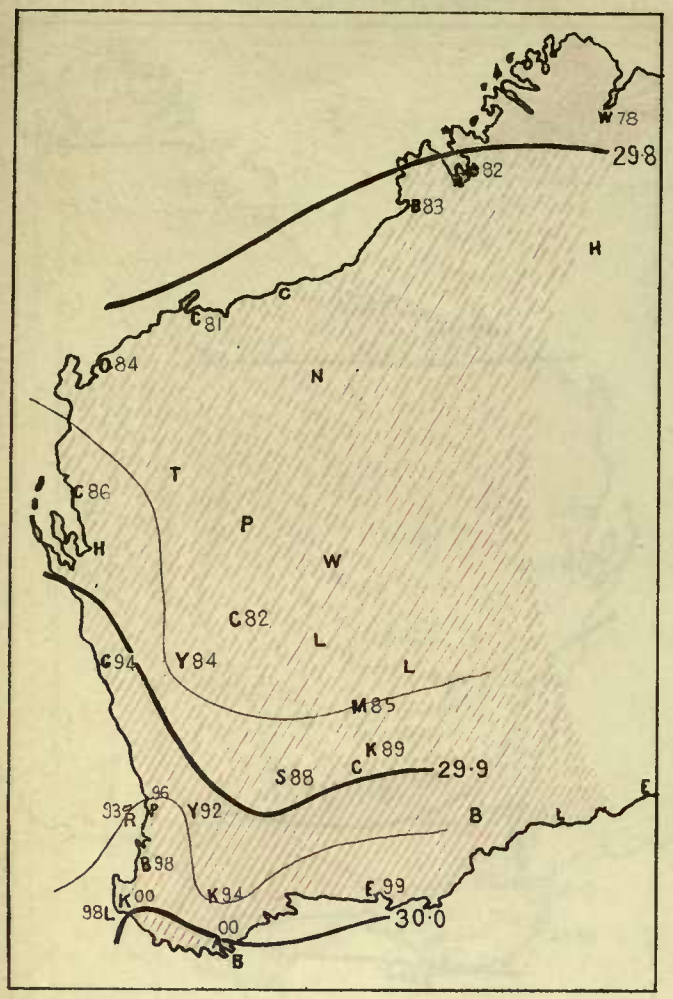


REFERENCE

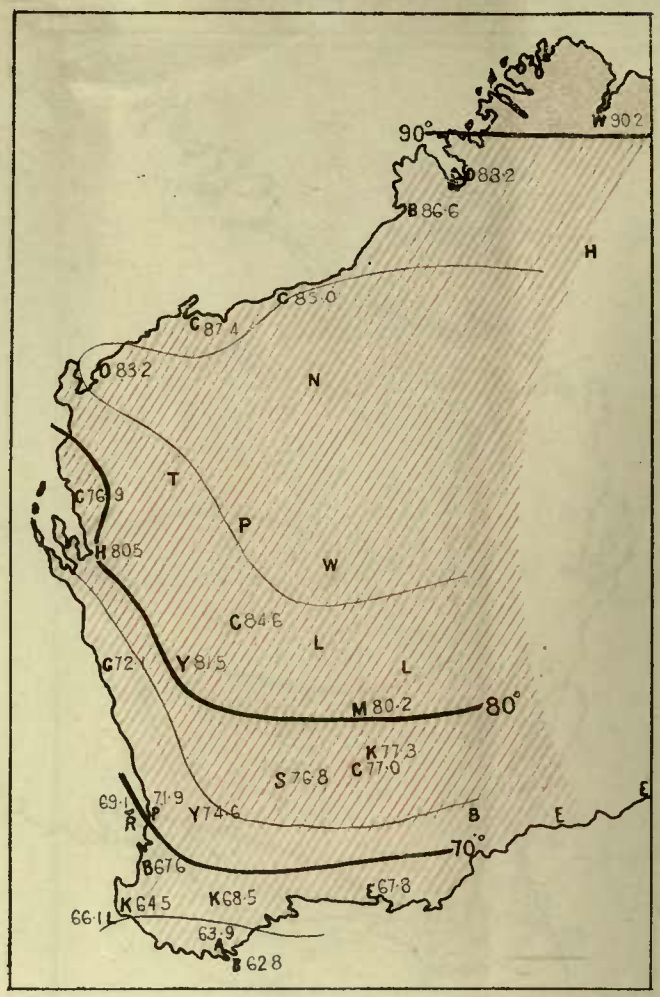
TEMPERATURE				BAROMETER			
Below 45°		Between 75° & 90°		Below 29·8		Between 30·0 & 30·1	
Between 45° & 60°		„ 90° & 100°		Between 29·8 & 29·9		„ 30·1 & 30·2	
„ 60° & 75°		Above 100°		„ 29·9 & 30·0		Above 30·2	

CLIMATE OF WESTERN AUSTRALIA FOR THE MONTH OF DECEMBER

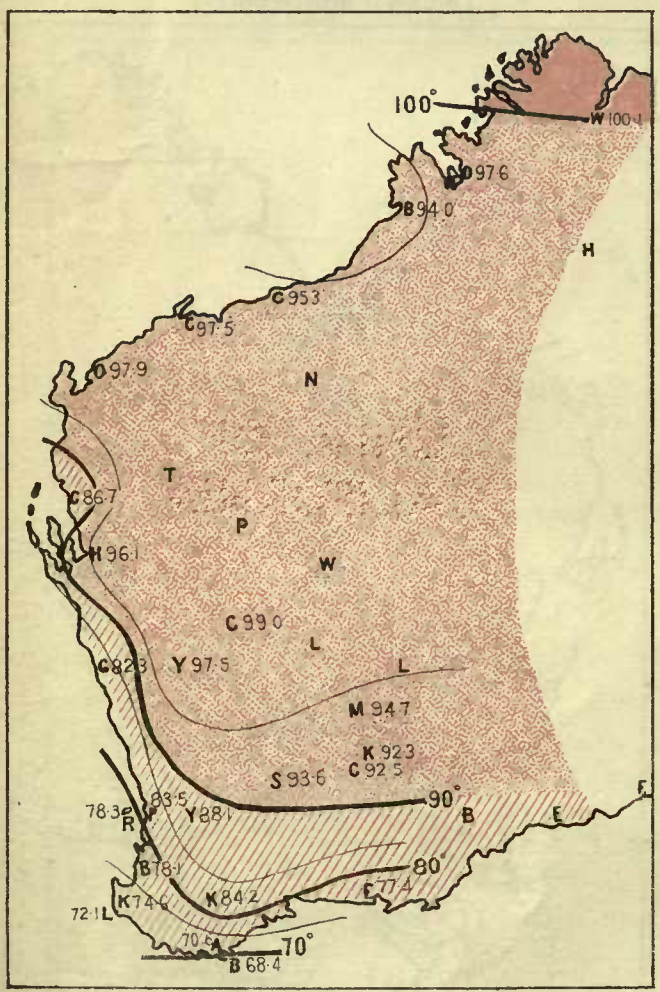
(MEAN BAROMETER)



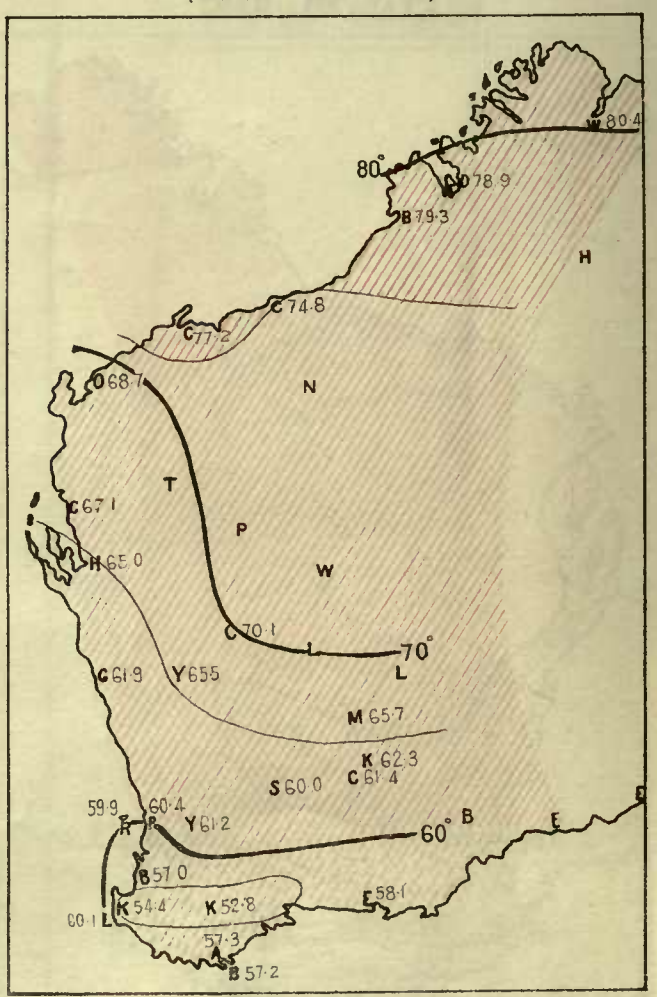
(MEAN TEMPERATURE)



DAY TEMPERATURE
(MEAN MAXIMUM)



NIGHT TEMPERATURE
(MEAN MINIMUM)

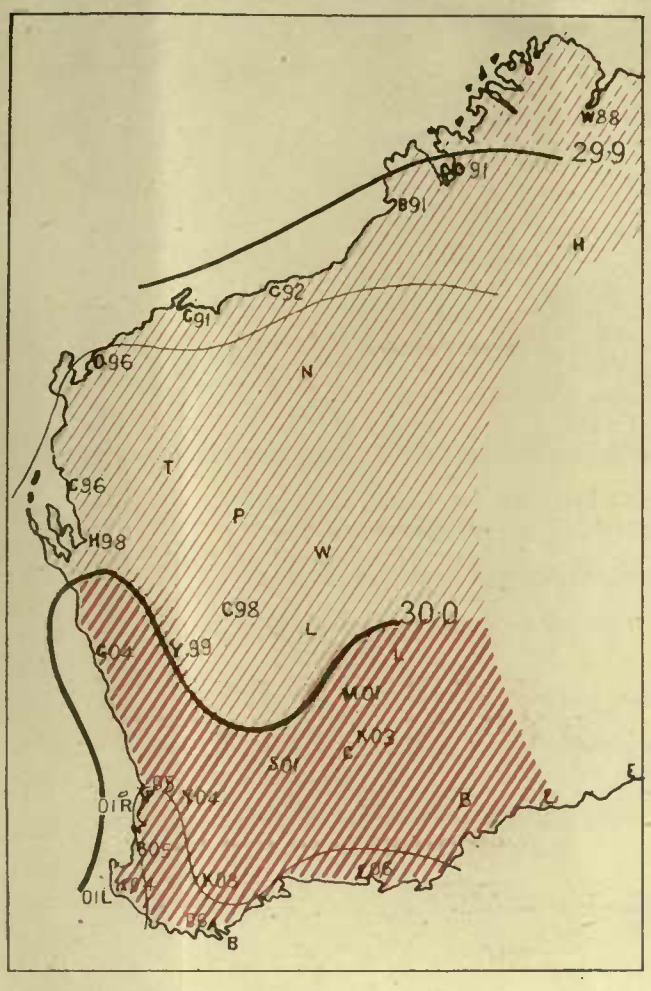


REFERENCE

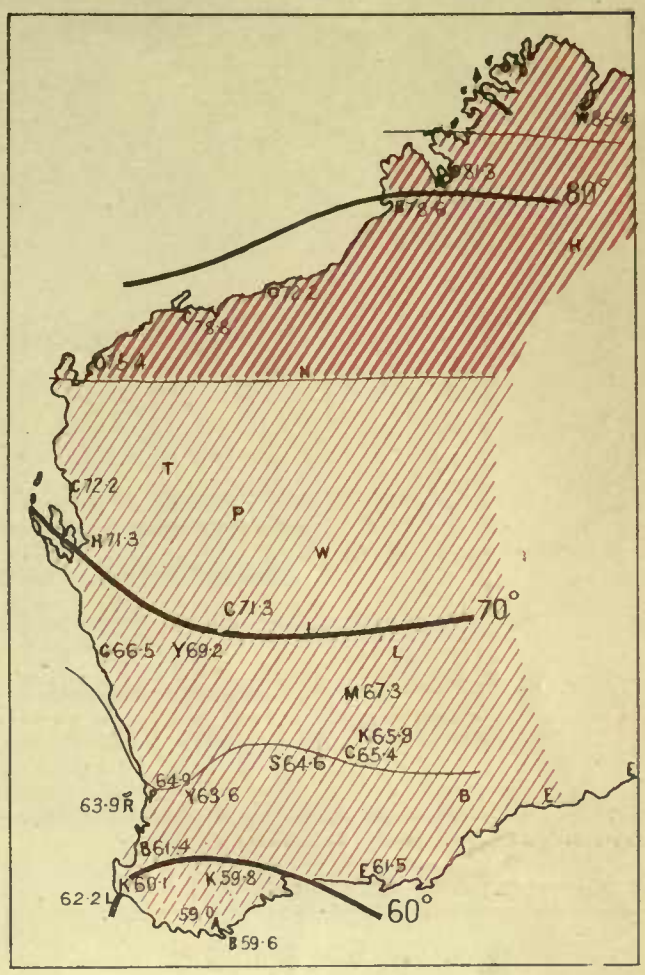
TEMPERATURE				BAROMETER			
Below 45°		Between 75° & 90°		Below 29·8		Between 30·0 & 30·1	
Between 45° & 60°		„ 90° & 100°		Between 29·8 & 29·9		„ 30·1 & 30·2	
„ 60° & 75°		Above 100°		„ 29·9 & 30·0		Above 30·2	

Climate of Western Australia for the Year

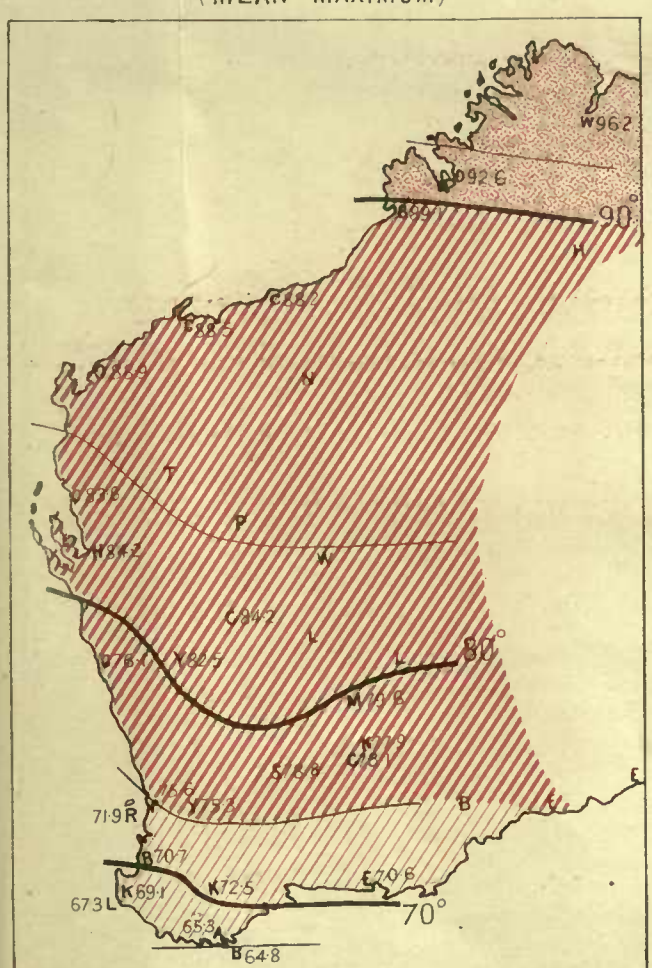
(Mean Barometer)



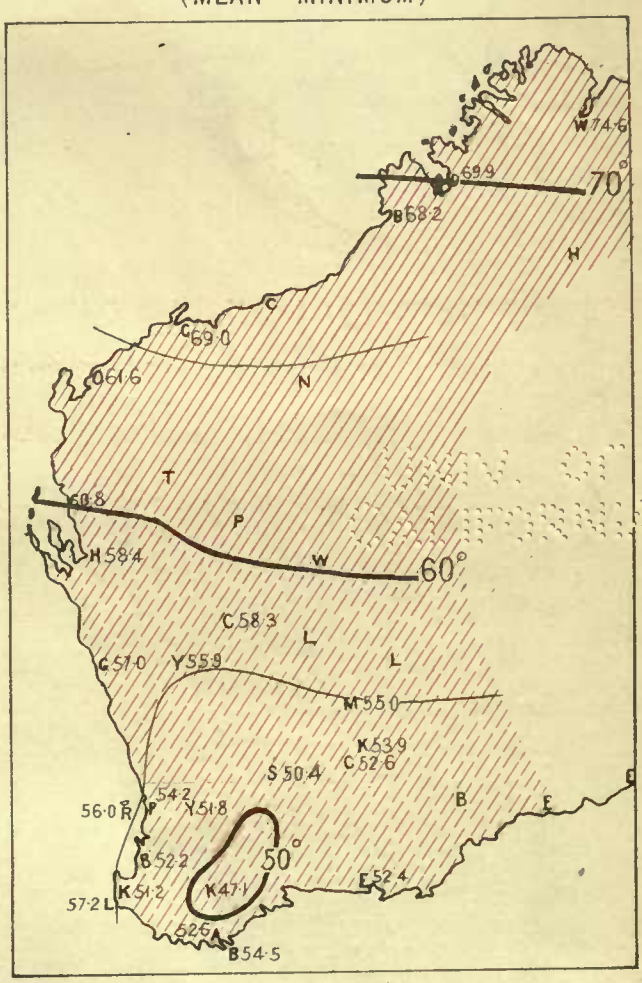
(Mean Temperature)



Day Temperature
(Mean Maximum)



Night Temperature
(Mean Minimum)



Reference

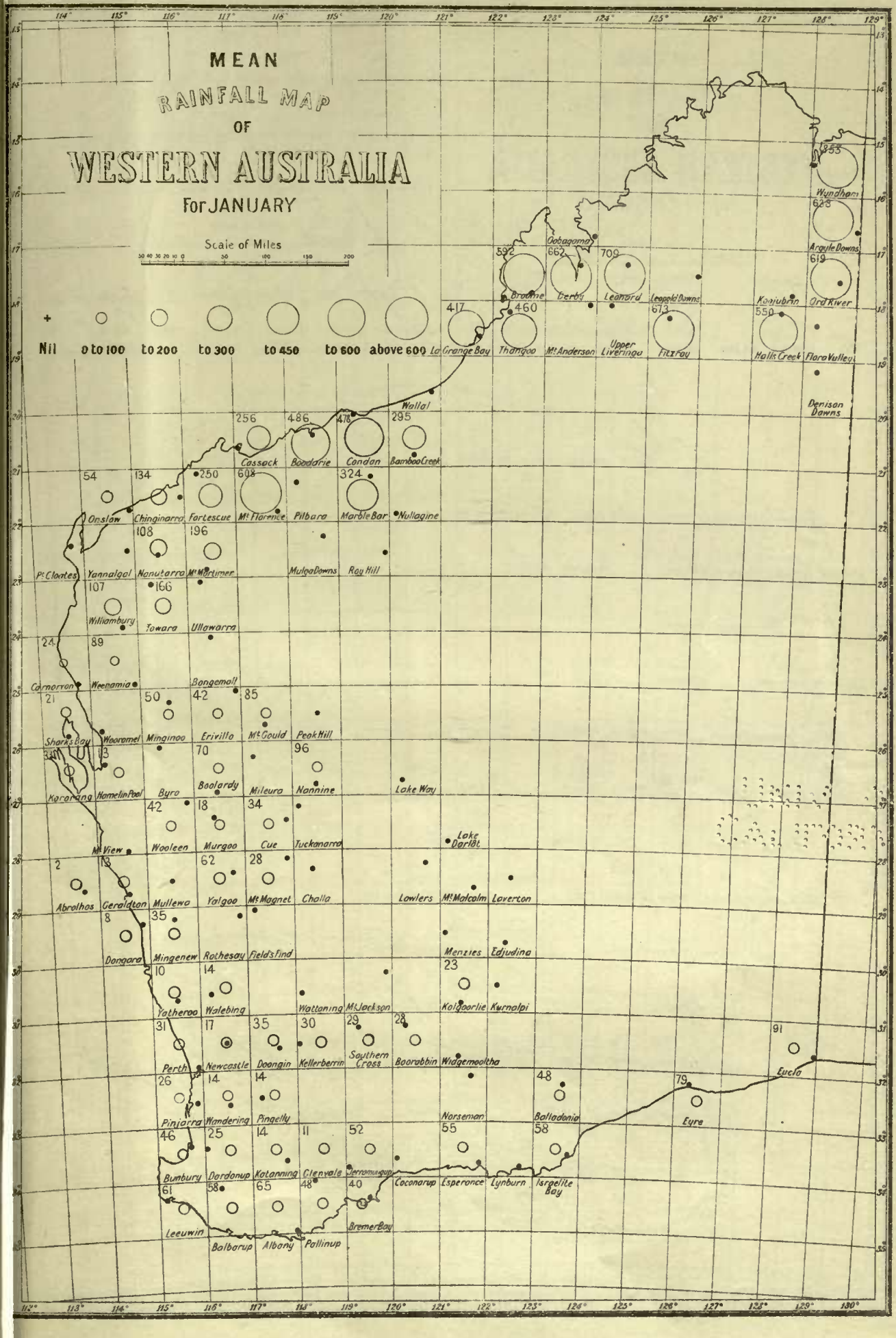
Temperature			Barometer		
Below 45°	Between 75° & 90°		Below 29·8	Between 30·0 & 30·1	
Between 45° & 60°	„ 90° & 100°		Between 29·8 & 29·9	„ 30·1 & 30·2	
„ 60° & 75°	Above 100°		„ 29·9 & 30·0	Above 30·2	

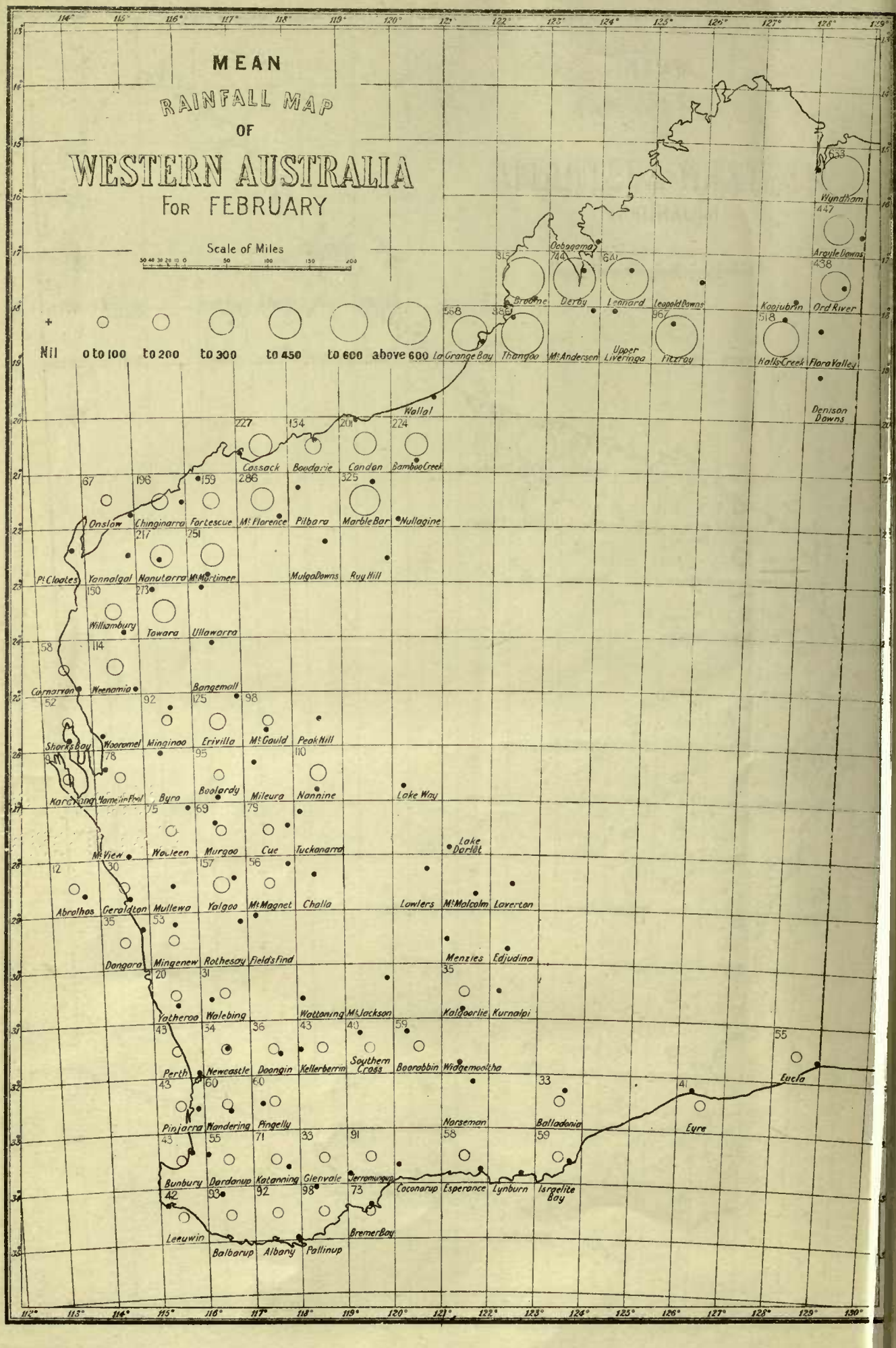
Explanation of the Rainfall Maps.

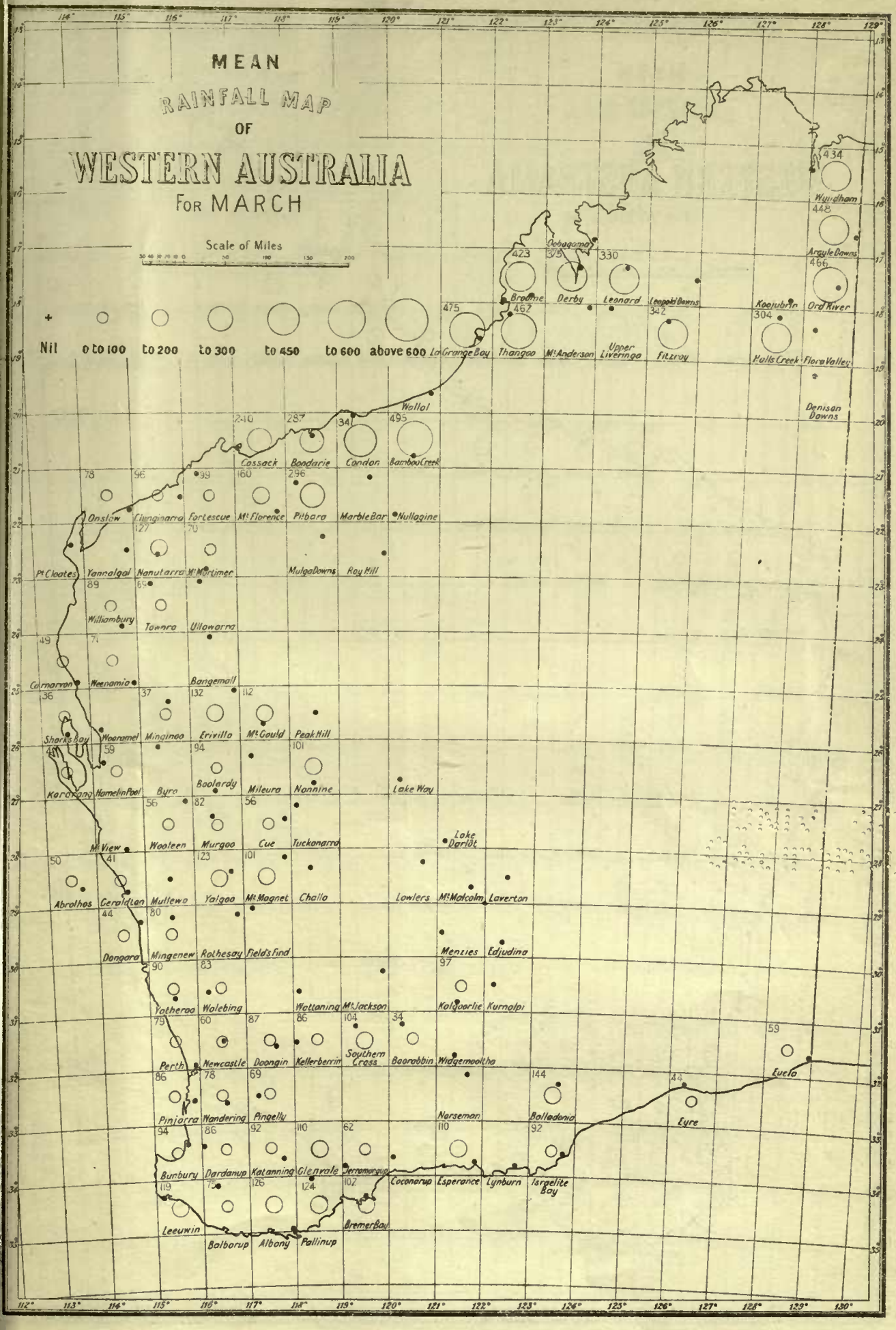
The State has been divided into "degree squares," and in each of these:—

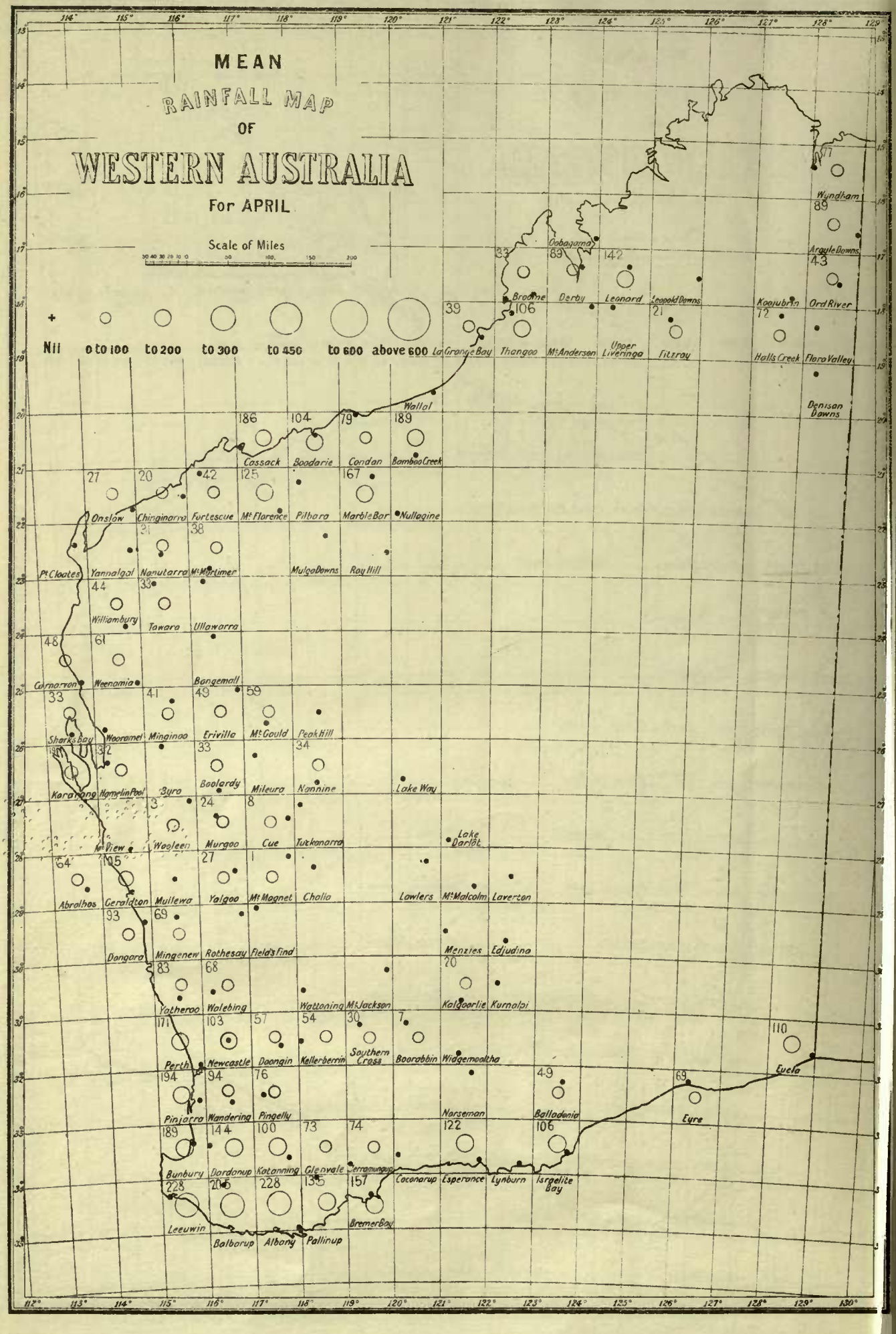
1. The figure shows the mean rainfall for that square, obtained from the records of all stations situated therein, and for as many years as the records cover.
2. The circle represents this graphically, according to the attached scale.
3. The name is that of *one* of the stations situated within the square, inserted for reference purposes.
4. The black dot indicates the exact position of this particular station.
5. A + signifies that no rain has ever been recorded at any station within the square for the month.

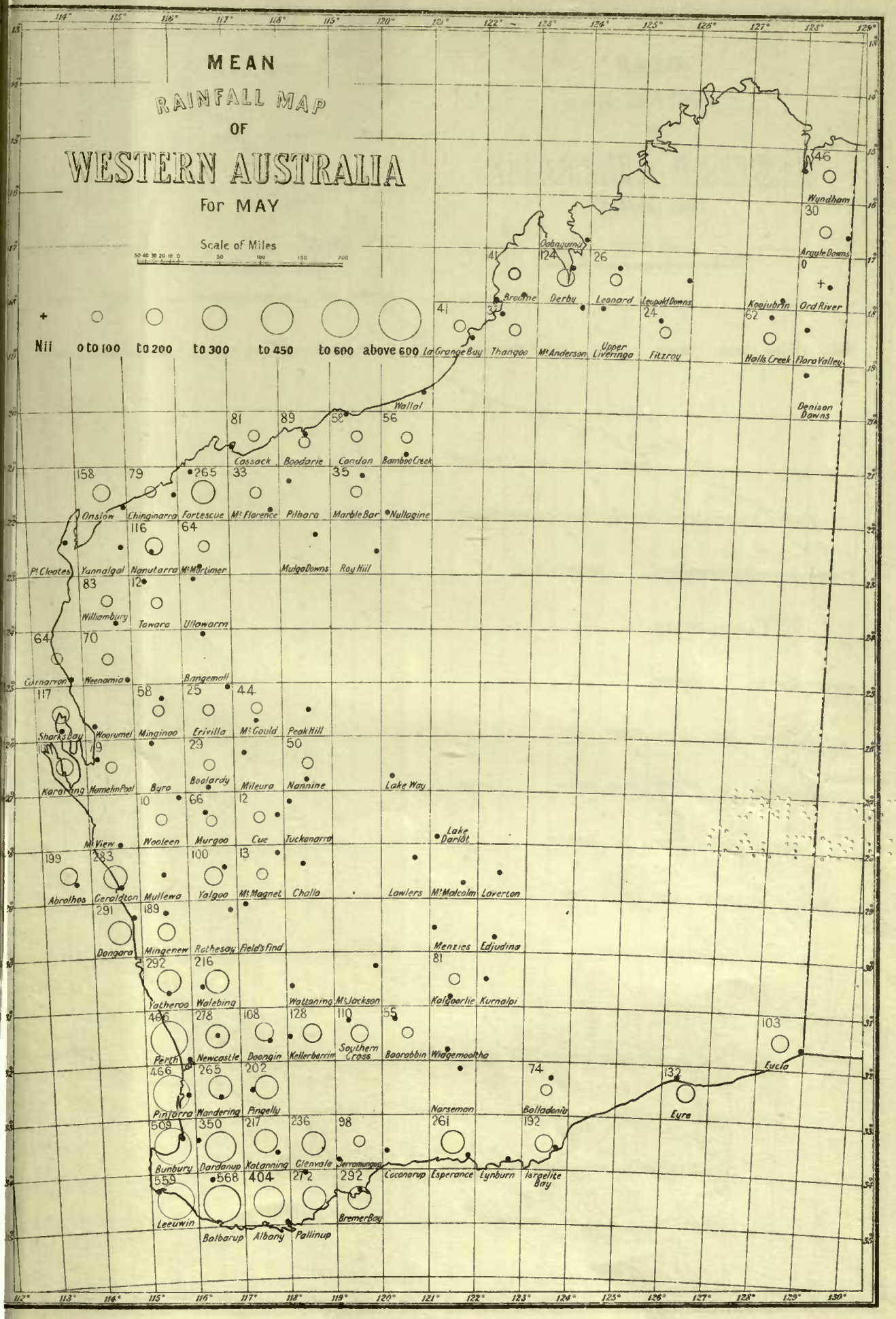
The rainfall is always recorded in "points," 100 points = 1 inch. No means are taken where the records do not extend over at least five years.

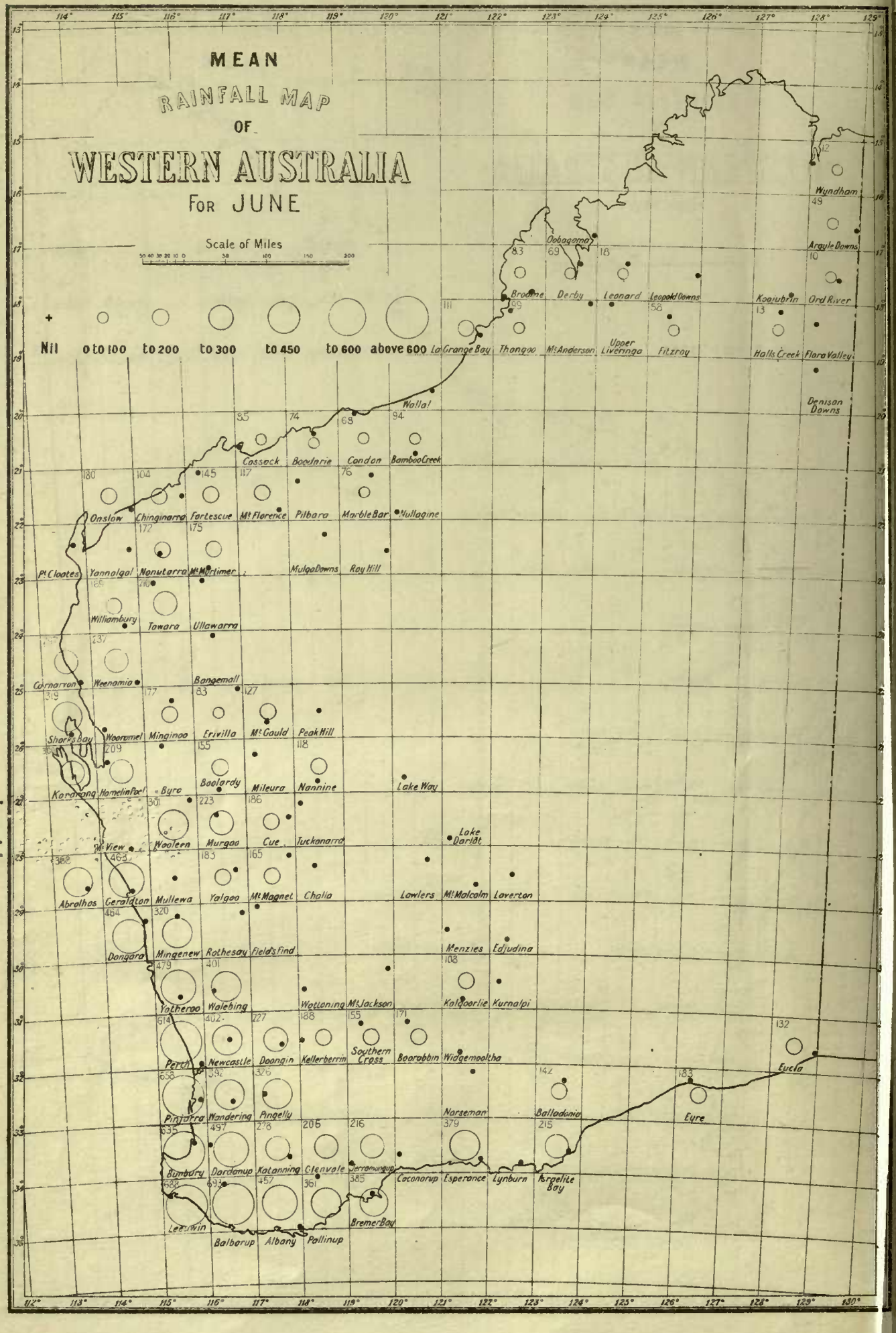

MEAN
RAINFALL MAP
OF
WESTERN AUSTRALIA
For JANUARY
Scale of Miles
Nil
0 to 100
to 200
to 300
to 450
to 600
above 600
Wyndham
Argyle Downs
Ord River
Gobagama
Broome
Derby
Leonard
Leopold Downs
Kanjubrin
Grange Bay
Thangoo
Mt Anderson
Upper Liveringa
Fitz Roy
Halls Creek
Flora Valley
Denison Downs
Wallal
Cossack
Boodarie
Condan
Bamboo Creek
Onslow
Chinginarra
Fortescue
Mt Florence
Pilbara
Marble Bar
Nullagine
Pt Cloates
Yannalgoi
Nanutarra
Mt Mortimer
Mulga Downs
Roy Hill
Williambury
Towara
Ullawarra
Carnarvon
Weenamia
Bongemall
Shark's Bay
Woorarmel
Minginoo
Erivillo
Mt Gould
Peak Hill
Kararang
Hamelin Pool
Byro
Boolardy
Mileura
Nannine
Lake Way
Mt View
Wooleen
Murgoo
Cue
Tuckanarra
Lake Darlot
Abrolhos
Geraldton
Mullewa
Yalgoo
Mt Magnet
Challa
Lowlers
Mt Malcolm
Laverton
Dongara
Mingenew
Rothesay
Field's Find
Menzies
Edjudina
Yatheroo
Walebing
Wattaning
Mt Jackson
Kalgoorlie
Kurnalpi
Perth
Newcastle
Doongin
Kellerberrin
Southern Cross
Boorabbin
Widgemooltha
Eucla
Pinjarra
Wandering
Pingelly
Norseman
Balladonia
Eyre
Bunbury
Dardanup
Katanning
Glenvale
Jerramungup
Coconarup
Esperance
Lynburn
Isrgelite Bay
Leeuwin
Bremer Bay
Balbarup
Albany
Pallinup

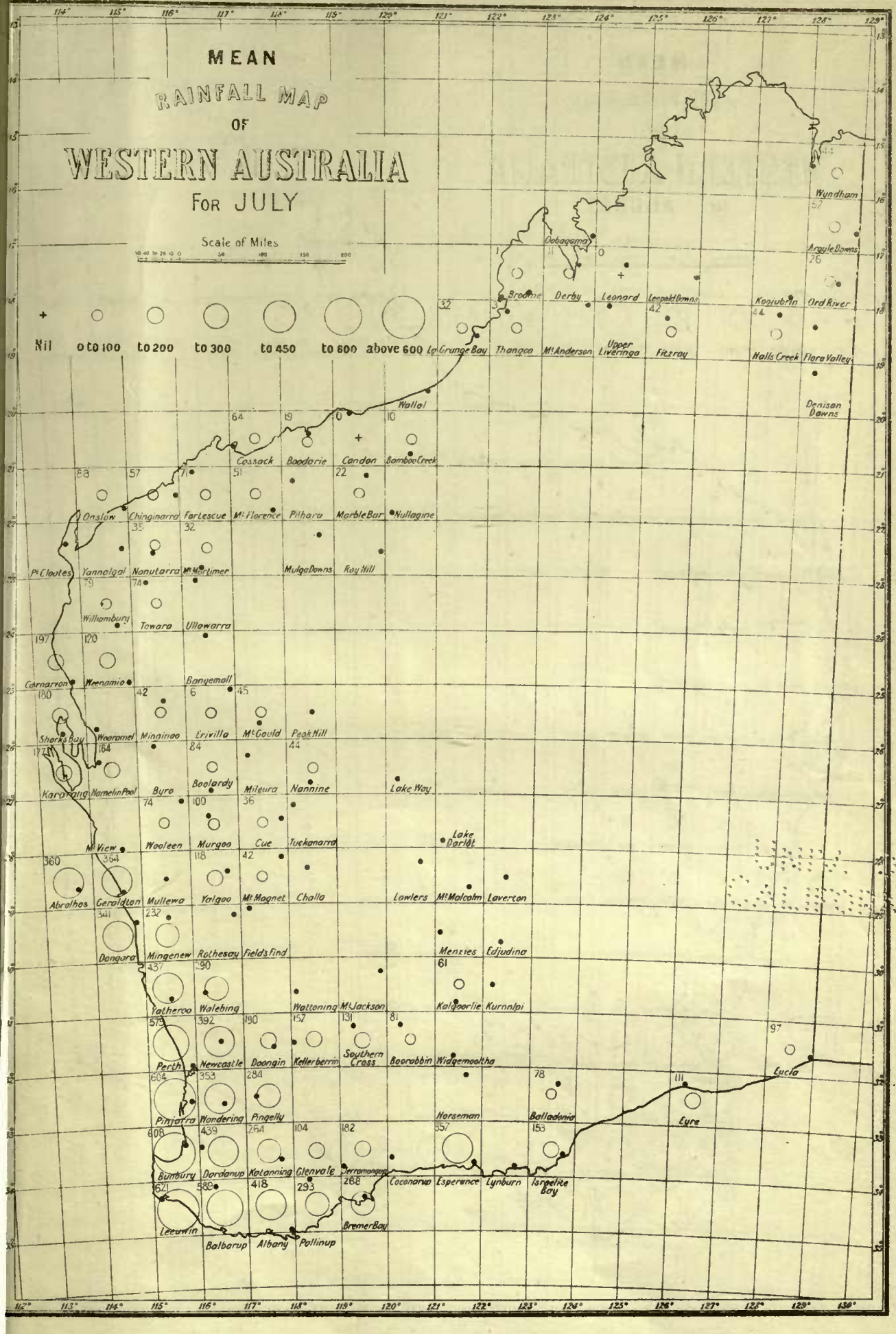

MEAN
RAINFALL MAP
OF
WESTERN AUSTRALIA
FOR FEBRUARY
Scale of Miles
Nil
0 to 100
to 200
to 300
to 450
to 600
above 600
La Grange Bay
Thangoo
Mt Andersen
Upper Liveringa
Fitzroy
Halls Creek
Flora Valley
Denison Downs
Wyndham
Argyle Downs
Ord River
Koojubrin
Leopold Downs
Leonard
Derby
Broome
Ocbagama
Wallal
Cossack
Boodarie
Condon
Bamboo Creek
Onslow
Chinginarra
Fortescue
Mt Florence
Pilbara
Marble Bar
Nullagine
Pt Cloates
Yannalgal
Nanutarra
Mt Mortimer
Mulga Downs
Ruy Hill
Williambury
Towara
Ullawarra
Carnarvon
Weenamia
Bangemall
Shorks Bay
Wooramel
Minginoo
Erivilla
Mt Gould
Peak Hill
Kardiang
Hamelin Pool
Byro
Boolardy
Mileura
Nannine
Lake Way
Mt View
Wooleen
Murgoo
Cue
Tuckanarra
Lake Darlot
Abrolhos
Geraldton
Mullewa
Yalgoo
Mt Magnet
Challa
Lawlers
Mt Malcolm
Laverton
Dongara
Mingenew
Rothesay
Field's Find
Menzies
Edjudina
Yatheroo
Walebing
Wattoning
Mt Jackson
Kalgoorlie
Kurnalpi
Perth
Newcastle
Doongin
Kellerberrin
Southern Cross
Boorabbin
Widgemooltha
Eucla
Pinjarra
Wandering
Pingelly
Norseman
Balladonia
Eyre
Bunbury
Dardanup
Katanning
Glenvale
Jerramungup
Coconarup
Esperance
Lynburn
Israelite Bay
Leeuwin
Balbarup
Albany
Pallinup
Bremer Bay

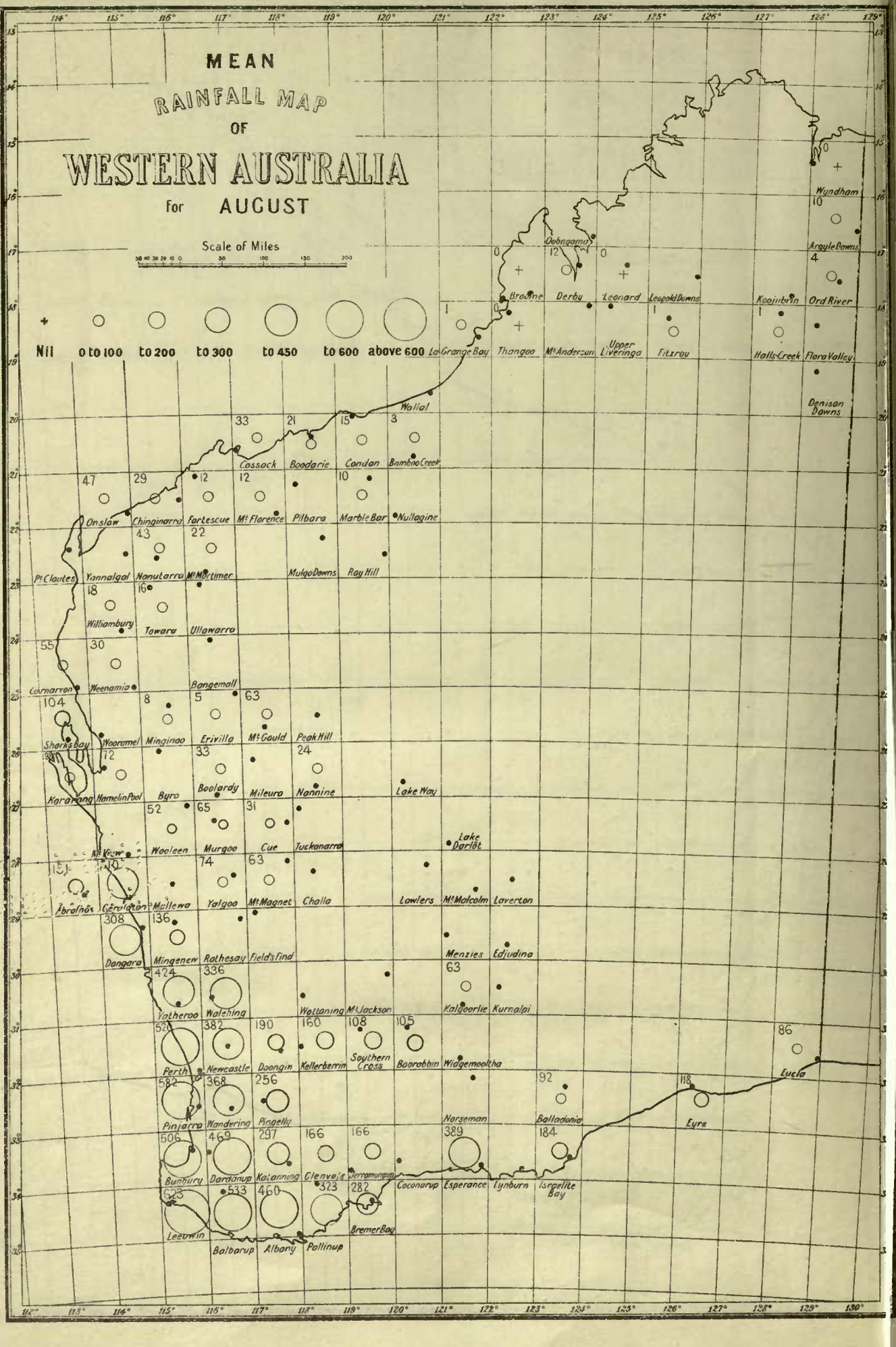

MEAN
RAINFALL MAP
OF
WESTERN AUSTRALIA
FOR MARCH
Scale of Miles
Nil
0 to 100
to 200
to 300
to 450
to 600
above 600
Wyndham
Argyle Downs
Ord River
Flora Valley
Denison Downs
Koolubin
Halls Creek
Fitzroy
Leopold Downs
Leonard
Upper Liveringa
Mt Anderson
Thangoo
La Grange Bay
Broome
Derby
Oobagooma
Wallal
Bamboo Creek
Nullagine
Marble Bar
Pilbara
Mt Florence
Fortescue
Roy Hill
Mulga Downs
Mt Mortimer
Nanutarra
Yannalgal
Pt Cloates
Onslow
Cossack
Boodarie
Condon
Cue
Tuckonarra
Murgoo
Wooleen
Mt View
Meekatharra
Wiluna
Lake Darlot
Lake Way
Lawlers
Mt Malcolm
Laverton
Menzies
Edjudina
Kalgoorlie
Kurnalpi
Norseman
Balladonia
Eucla
Eyre
Israelite Bay
Esperance
Lynburn
Coconarup
Jerramungup
Bremer Bay
Albany
Pallinup
Balbarup
Leeuwin
Bunbury
Dardanup
Katanning
Glenrale
Pingelly
Wandering
Pinjarra
Perth
Newcastle
Toodyay
Northam
York
Beverley
Brookton
Kellerberrin
Wattoning
Mt Jackson
Southern Cross
Boorabbin
Widgemooltha
Coolgardie
Norseman
Ravensthorpe
Hopetoun
Esperance
Lynburn
Israelite Bay
Eucla
Eyre
Balladonia
Laverton
Mt Malcolm
Lawlers
Lake Way
Lake Darlot
Kurnalpi
Edjudina
Menzies
Kalgoorlie

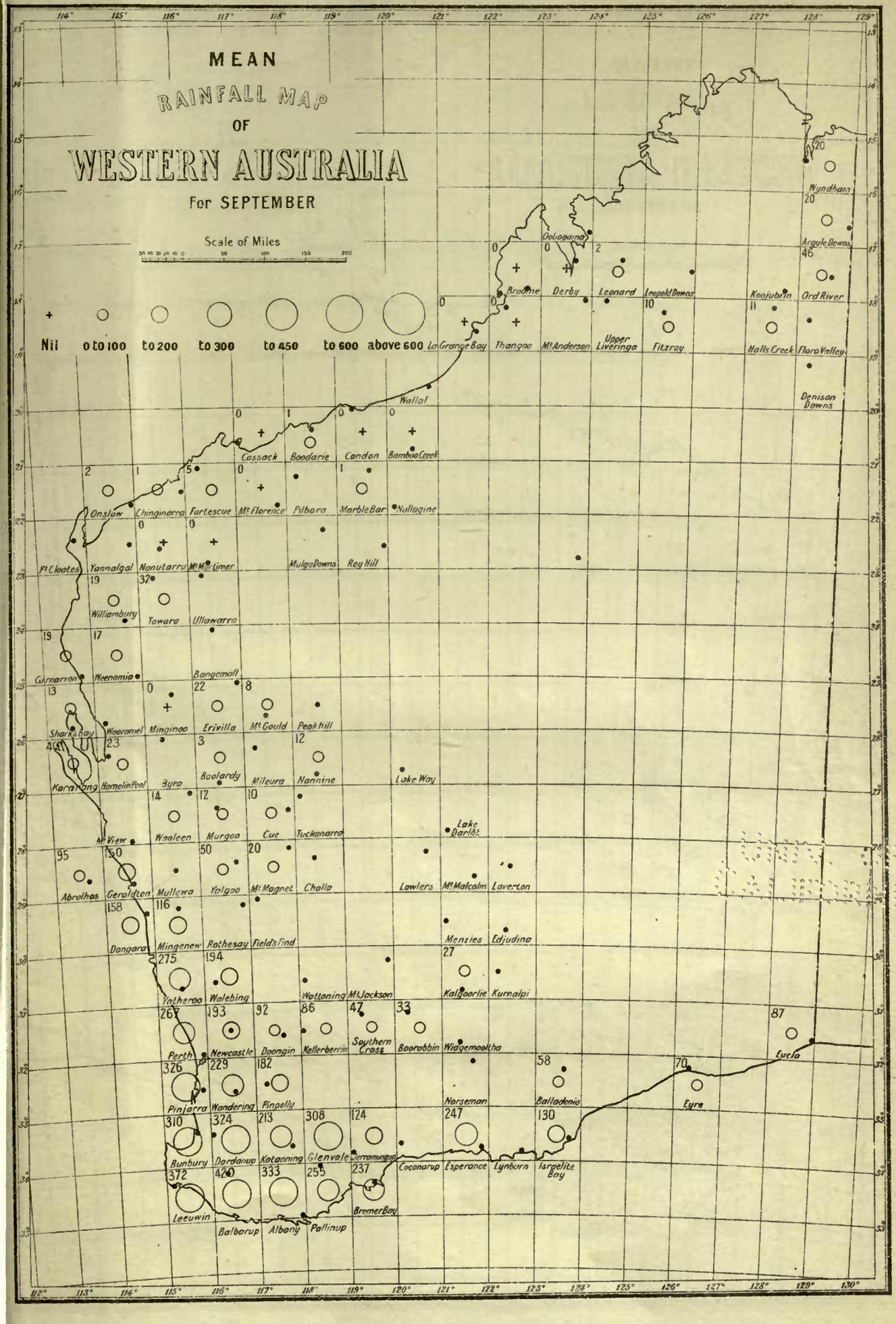

MEAN
RAINFALL MAP
OF
WESTERN AUSTRALIA
For APRIL
Scale of Miles
Nil
0 to 100
to 200
to 300
to 450
to 600
above 600
Wyndham
Oobagama
Broome
Derby
Leonard
Leopold Downs
Koojubrin
Ord River
Argyle Downs
La Grange Bay
Thangoo
Mt Anderson
Upper Liveringa
Fitzroy
Halls Creek
Flora Valley
Denison Downs
Wallal
Cossack
Boodarie
Condan
Bamboo Creek
Onslow
Chinginarra
Fortescue
Mt Florence
Pilbara
Marble Bar
Nullagine
Pt Cloates
Yannalgal
Nanutarra
Mt Mortimer
Mulga Downs
Roy Hill
Williambury
Towara
Ullawarra
Carnarvon
Weenamia
Bangemall
Sharks Bay
Wooramel
Minginoo
Erirrilla
Mt Gould
Peak Hill
Kararang
Hamelin Pool
Byro
Boolardy
Mileura
Nannine
Lake Way
Mt View
Woolleen
Murgoo
Cue
Tuckanarra
Lake Darlot
Abrolhos
Geraldton
Mullewa
Yalgoo
Mt Magnet
Challa
Lawlers
Mt Malcolm
Laverton
Dongara
Mingenew
Rothesay
Field's Find
Menzies
Edjudina
Yatheroo
Walebing
Watheroo
Mt Jackson
Kalgoorlie
Kurnalpi
Perth
Newcastle
Doongin
Kellerberrin
Southern Cross
Boorabbin
Widgemooltha
Esperance
Pinjarra
Wandering
Pingelly
Norseman
Balladonia
Eyre
Eucla
Bunbury
Dardanup
Katanning
Glenvale
Terramungup
Coconarup
Lynburn
Isrgelite Bay
Leeuwin
Albany
Pallinup
Bremer Bay
Balbarup

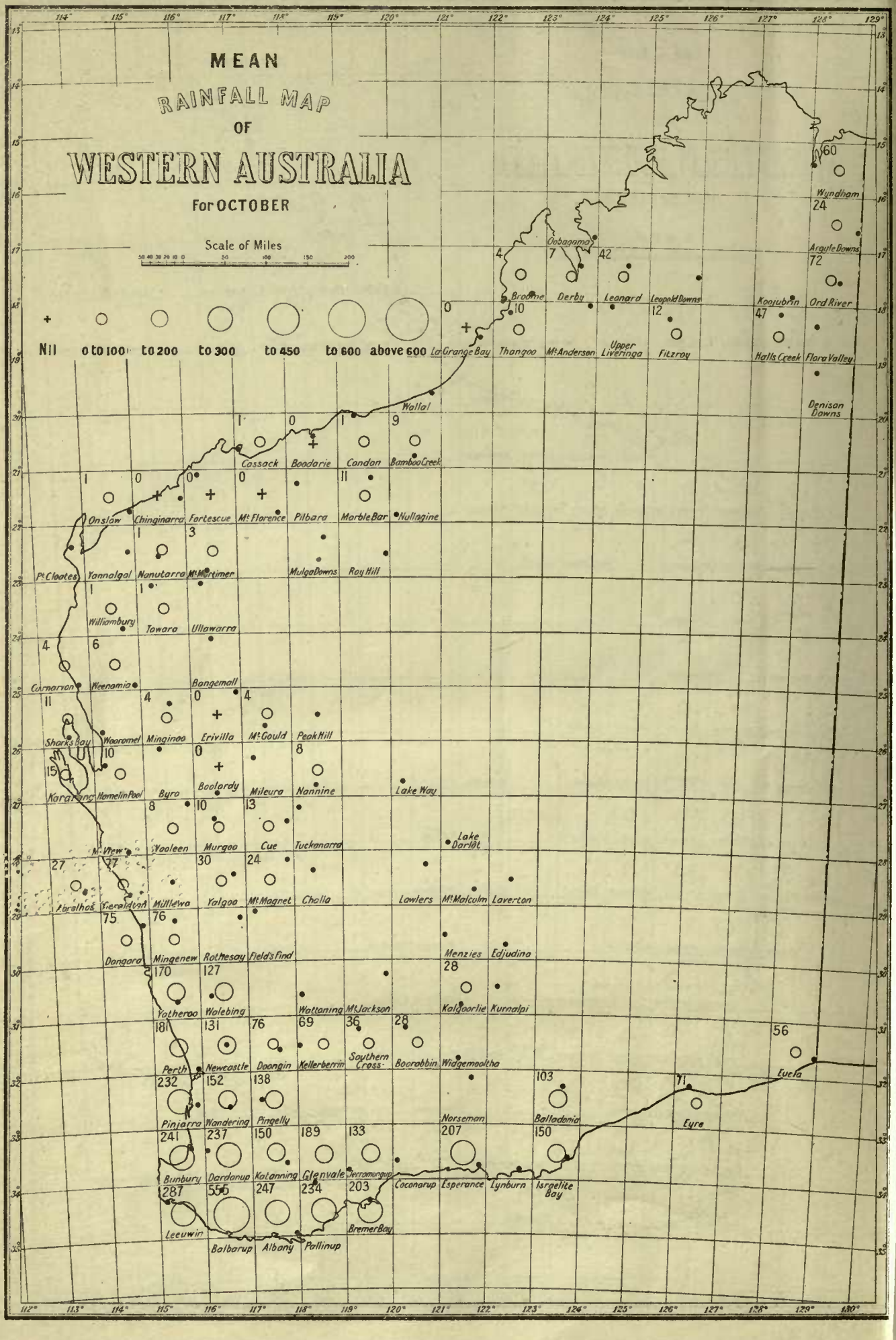

MEAN
RAINFALL MAP
OF
WESTERN AUSTRALIA
For MAY
Scale of Miles
Nil
0 to 100
to 200
to 300
to 450
to 600
above 600
Wyndham
Argyle Downs
Ord River
Koojubrin
Halls Creek
Flora Valley
Denison Downs
Oobagama
Derby
Leonard
Leopold Downs
Fitzroy
Upper Liveringa
Mt Anderson
Thangoo
La Grange Bay
Broome
Wallal
Cassack
Boodarie
Condon
Bamboo Creek
Onslow
Chinginarra
Fortescue
Mt Florence
Pilbara
Marble Bar
Nullagine
Pt Cloates
Yannalgal
Nanutarra
Mt Mortimer
Mulga Downs
Roy Hill
Williambury
Towara
Ullawarra
Carnarvon
Weenamia
Bangemall
Sharks Bay
Woorumel
Minginoo
Erivilla
Mt Gould
Peak Hill
Kararang
Hamelin Pool
Byra
Boolardy
Mileura
Nannine
Lake Way
Mt View
Wooleen
Murgoo
Cue
Tuckanarra
Lake Darlot
Abrolhos
Geraldton
Mullewa
Yalgoo
Mt Magnet
Challa
Lawlers
Mt Malcolm
Laverton
Dongara
Mingenew
Rothesay
Field's Find
Menzies
Edjudina
Yatheroo
Walebing
Wattaning
Mt Jackson
Kalgoorlie
Kurnalpi
Perth
Newcastle
Doongin
Kellerberrin
Southern Cross
Baorabbin
Wiagemooltha
Eucla
Pinjarra
Wandering
Pingelly
Norseman
Balladonia
Eyre
Bunbury
Dardanup
Katanning
Glenvale
Jerramungup
Coconarup
Esperance
Lynburn
Israelite Bay
Leeuwin
Balbarup
Albany
Pallinup
Bremer Bay


MEAN
RAINFALL MAP
OF
WESTERN AUSTRALIA
FOR JUNE
Scale of Miles
Nil
0 to 100
to 200
to 300
to 450
to 600
above 600
Wyndham
Oobagooma
Broome
Derby
Leonard
Leopold Downs
Kooiubrin
Ord River
Argyle Downs
La Grange Bay
Thangoo
Mt Anderson
Upper Liveringa
Fitzroy
Halls Creek
Flora Valley
Denison Downs
Wallal
Cossack
Roebourne
Condon
Bamboo Creek
Onslow
Chinginarra
Fortescue
Mt Florence
Pilbara
Marble Bar
Nullagine
Pt Cloates
Yannoligal
Nanutarra
Mt Mortimer
Mulga Downs
Roy Hill
Williambury
Towara
Ullawarra
Carnarvon
Weenamia
Bangemall
Shark's Bay
Woorumel
Minginoo
Erivilla
Mt Gould
Peak Hill
Kararang
Hamelin Pool
Byro
Boolardy
Mileura
Nannine
Lake Way
Mt View
Woolera
Murgoo
Cue
Yuckanarra
Lake Darlot
Abrolhos
Geraldton
Mullewa
Yalgoo
Mt Magnet
Chalia
Lawlers
Mt Malcolm
Laverton
Dongara
Mingenew
Rothesay
Field's Find
Menzies
Edjudina
Yatheroo
Walebing
Wattoning
Mt Jackson
Kalgoorlie
Kurnalpi
Perth
Newcastle
Doongin
Kellerberrin
Southern Cross
Boorabbin
Widgemooltha
Eucla
Pinjarra
Wandering
Pingelly
Norseman
Balladonia
Eyre
Bunbury
Dardanup
Katanning
Glenvale
Derrimungup
Coconarup
Esperance
Lynburn
Kergelite Bay
Leschenault
Bremer Bay
Balbarup
Albany
Pallinup

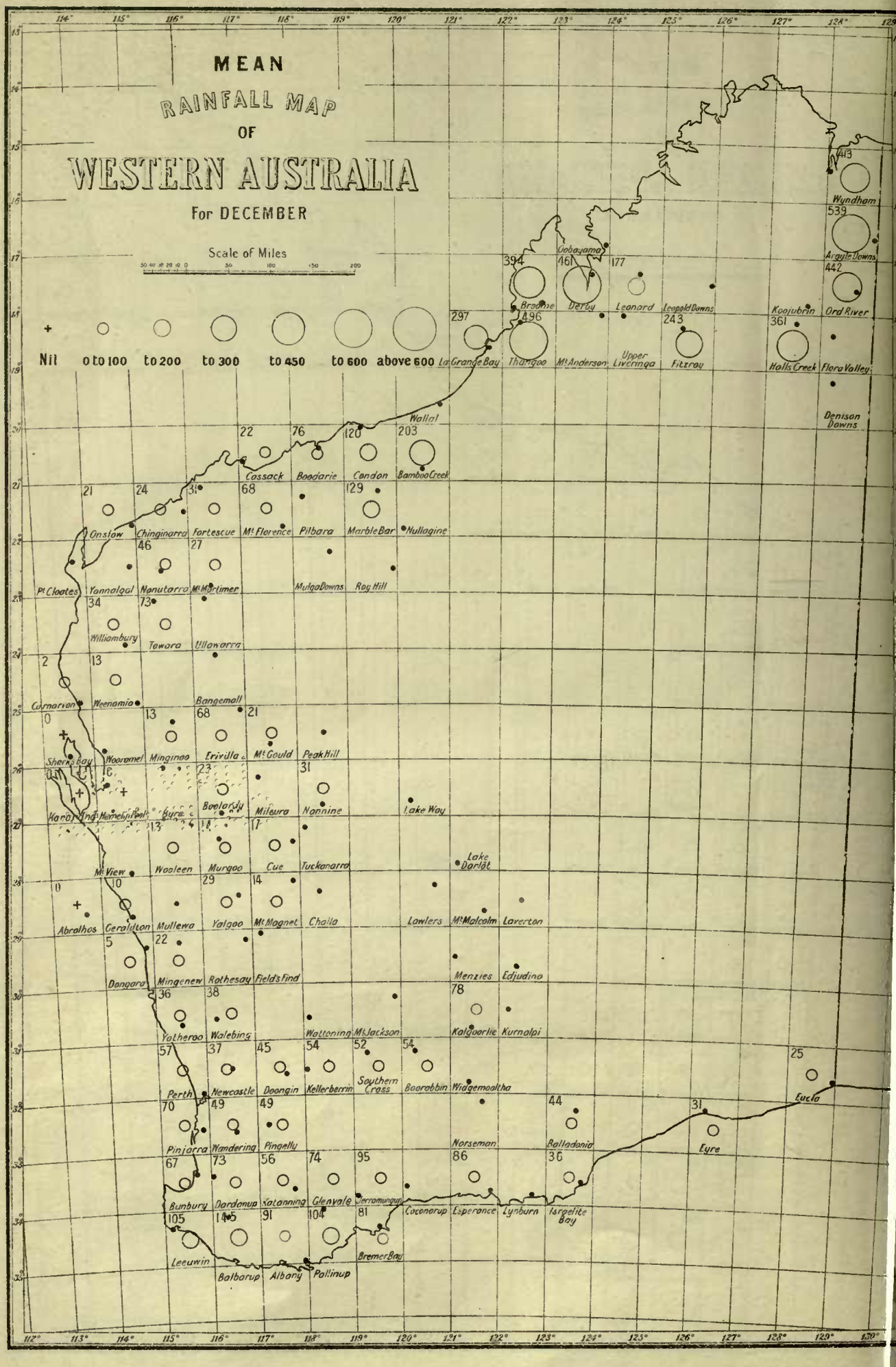

MEAN
RAINFALL MAP
OF
WESTERN AUSTRALIA
FOR JULY
Scale of Miles
Nil
0 to 100
to 200
to 300
to 450
to 600
above 600
Wyndham
Argyle Downs
Oobagama
Broome
Derby
Leonard
Leopold Downs
Koojubrin
Ord River
La Grange Bay
Thangoo
Mt Anderson
Upper Liveringa
Fitzroy
Halls Creek
Flora Valley
Denison Downs
Wallal
Cossack
Boodarie
Condon
Bamboo Creek
Onslow
Chinginarra
Fortescue
Mt Florence
Pilbara
Marble Bar
Nullagine
Pt Cloates
Yannalgal
Nanutarra
Mt Mortimer
Mulga Downs
Roy Hill
Williambury
Towara
Ullowarra
Carnarvon
Weenamio
Bangemall
Shorks Bay
Wooramel
Minginoo
Erivilla
Mt Gould
Peak Hill
Kararang
Hamelin Pool
Byro
Boolardy
Mileura
Nannine
Lake Way
Mt View
Wooleen
Murgoo
Cue
Tuckanarra
Lake Darlot
Abrolhos
Geraldton
Mullewa
Yalgoo
Mt Magnet
Challa
Lawlers
Mt Malcolm
Laverton
Dongara
Mingenew
Rothesay
Field's Find
Menzies
Edjudina
Yatheroo
Walebing
Wattoning
Mt Jackson
Kalgoorlie
Kurnalpi
Perth
Newcastle
Doongin
Kellerberrin
Southern Cross
Boorabbin
Widgemooltha
Eucla
Pinjarra
Wandering
Pingelly
Horseman
Balladonia
Eyre
Bunbury
Dardanup
Katanning
Glenvale
Jerramungup
Coconarup
Esperance
Lynburn
Israelite Bay
Leeuwin
Balbarup
Albany
Pallinup
Bremer Bay

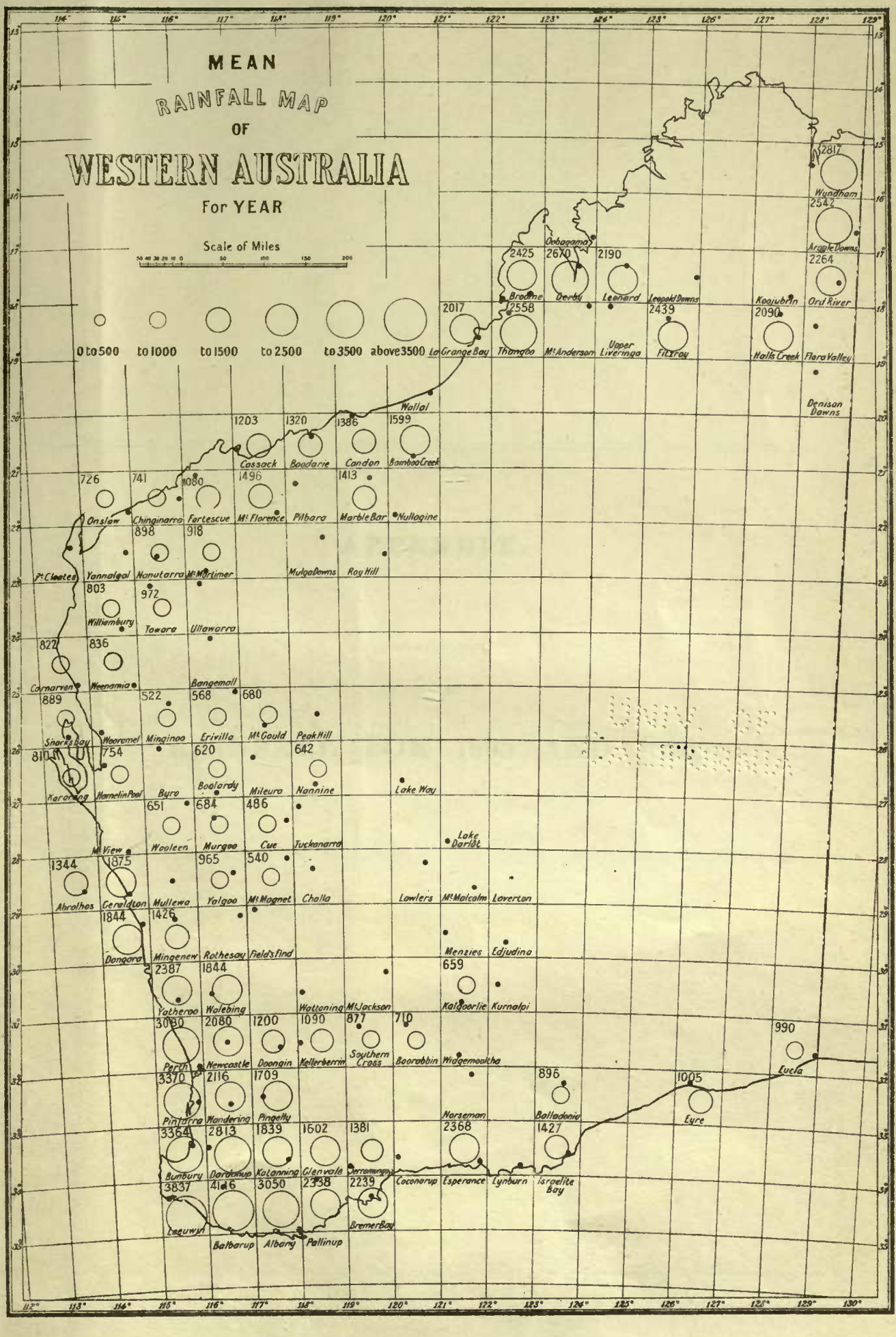

MEAN
RAINFALL MAP
OF
WESTERN AUSTRALIA
for AUGUST
Scale of Miles
Nil
0 to 100
to 200
to 300
to 450
to 600
above 600
Wyndham
Argyle Downs
Oobagama
Broome
Derby
Leonard
Leopold Downs
Koojubrin
Ord River
La Grange Bay
Thangoo
Mt Anderson
Upper Liveringa
Fitzroy
Halls Creek
Flora Valley
Denison Downs
Wallal
Cossack
Boodarie
Condon
Bamboo Creek
Onslow
Chinginarra
Fortescue
Mt Florence
Pilbara
Marble Bar
Nullagine
Pt Cloutes
Yannalgal
Nanutarra
Mt Mortimer
Mulga Downs
Roy Hill
Williambury
Towara
Ullawarra
Carnarvon
Weenamia
Bangemall
Shorks Bay
Wooramel
Minginoo
Erivilla
Mt Gould
Peak Hill
Kararang
Hamelin Pool
Byro
Boolardy
Mileura
Nannine
Lake Way
Mt View
Wooleen
Murgoo
Cue
Tuckanarra
Lake Darlot
Abrolhos
Geraldton
Mullewa
Yalgoo
Mt Magnet
Challa
Lawlers
Mt Malcolm
Laverton
Dongara
Mingenew
Rothesay
Field's Find
Menzies
Edjudina
Yatheroo
Walehing
Wattaning
Mt Jackson
Kalgoorlie
Kurnalpi
Perth
Newcastle
Doongin
Kellerberrin
Southern Cross
Boorabbin
Widgemooltha
Eucla
Pinjarra
Wandering
Pingelly
Norseman
Balladonia
Eyre
Bunbury
Dardanup
Katanning
Glenvale
Jerramungup
Coconarup
Esperance
Lynburn
Israelite Bay
Leeuwin
Balbarup
Albany
Pallinup
Bremer Bay


MEAN
RAINFALL MAP
OF
WESTERN AUSTRALIA
For SEPTEMBER
Scale of Miles
Nil
0 to 100
to 200
to 300
to 450
to 600
above 600
Wyndham
Argyle Downs
Doolgunna
Broome
Derby
Leonard
Leopold Downs
Koojubrin
Ord River
La Grange Bay
Thangoo
Mt Anderson
Upper Liveringa
Fitzroy
Halls Creek
Flora Valley
Denison Downs
Wallal
Cossack
Boodarie
Condon
Bamboo Creek
Onslow
Chinginarra
Fortescue
Mt Florence
Pilbara
Marble Bar
Nullagine
Ft Cloates
Yannalgal
Nanutarra
Mt Minnie
Mulga Downs
Roy Hill
Williambury
Towara
Ullawarra
Carnarvon
Weenamia
Bangemall
Shark's Bay
Wooramel
Minginoo
Erivilla
Mt Gould
Peak Hill
Kararang
Hamelin Pool
Byro
Boolardy
Mileura
Nannine
Lake Way
Mt View
Wooleen
Murgoo
Cue
Tuckanarra
Lake Darlot
Abrolhos
Geraldton
Mullewa
Yalgoo
Mt Magnet
Challa
Lawlers
Mt Malcolm
Laverton
Dongara
Mingenew
Rothesay
Field's Find
Menzies
Edjudina
Yatheroo
Walebing
Wattoning
Mt Jackson
Kalgoorlie
Kurnalpi
Perth
Newcastle
Doongin
Kellerberrin
Southern Cross
Boorabbin
Widgemooltha
Eucla
Pinjarra
Wandering
Pingelly
Norseman
Balladonia
Eyre
Bunbury
Dardanup
Katanning
Glenvale
Jerramungup
Coconarup
Esperance
Lynburn
Israelite Bay
Leeuwin
Balbarup
Albany
Pallinup
Bremer Bay


MEAN
RAINFALL MAP
OF
WESTERN AUSTRALIA
For OCTOBER
Scale of Miles
Nil
0 to 100
to 200
to 300
to 450
to 600
above 600
La Grange Bay
Broome
Thangoo
Oobagama
Derby
Mt Anderson
Leonard
Upper Liveringa
Leopold Downs
Fitzroy
Koojubrin
Halls Creek
Wyndham
Argyle Downs
Ord River
Flora Valley
Denison Downs
Wallal
Cossack
Boodarie
Condon
Bamboo Creek
Onslow
Chinginarra
Fortescue
Mt Florence
Pilbara
Marble Bar
Nullagine
Pt Cloates
Yannalgal
Nanutarra
Mt Mortimer
Mulga Downs
Roy Hill
Williambury
Towara
Ullawarra
Carnarvon
Weenamia
Bangemall
Sharks Bay
Wooramel
Minginoo
Erivilla
Mt Gould
Peak Hill
Kararang
Hamelin Pool
Byro
Boolardy
Mileura
Nannine
Lake Way
Mt View
Yooleen
Murgoo
Cue
Tuckanarra
Lake Darlot
Abrolhos
Geraldton
Mullewa
Yalgoo
Mt Magnet
Challa
Lawlers
Mt Malcolm
Laverton
Dongara
Mingenew
Rothesay
Field's Find
Menzies
Edjudina
Yatheroo
Walebing
Wattoning
Mt Jackson
Kalgoorlie
Kurnalpi
Perth
Newcastle
Doongin
Kellerberrin
Southern Cross
Boorabbin
Widgemooltha
Eucla
Pinjarra
Wandering
Pingelly
Norseman
Balladonia
Eyre
Bunbury
Dardanup
Katanning
Glenvale
Jerramungup
Coconarup
Esperance
Lynburn
Israelite Bay
Leeuwin
Balbarup
Albany
Pallinup
Bremer Bay

MEAN
RAINFALL MAP
OF
WESTERN AUSTRALIA
For NOVEMBER
Scale of Miles
Nil
0 to 100
to 200
to 300
to 450
to 600
above 600
Wyndham
Argyle Downs
Ord River
Koojubrin
Halls Creek
Flora Valley
Denison Downs
Leopold Downs
Fitzroy
Upper Liveringa
Leonard
Derby
Oobagama
Broome
Mt Anderson
Thangoo
La Grange Bay
Wallal
Bamboo Creek
Condon
Boodarie
Cossack
Nullagine
Marble Bar
Pilbara
Mt Florence
Fortescue
Chinginarra
Onslow
Roy Hill
Mulga Downs
Mt Mortimer
Nanutarra
Yannalgal
Pt Cloates
Ullawarra
Towara
Williambury
Bangemall
Weenamia
Carnarvon
Peak Hill
Mt Gould
Erivilla
Minginoo
Wooramel
Sharks Bay
Nannine
Mileura
Boolardy
Byro
Hamelin Pool
Kararang
Lake Way
Tuckanarra
Cue
Murgoo
Wooleen
Mt View
Lake Darlot
Lawlers
Mt Malcolm
Laverton
Challa
Mt Magnet
Yalgoo
Mullewa
Geraldton
Abrolhos
Edjudina
Menzies
Field's Find
Rothesay
Mingenew
Dongara
Kalgoorlie
Kurnalpi
Wattoning
Mt Jackson
Yatheroo
Walebing
Eucla
Widgemooltha
Baorabbin
Southern Cross
Kellerberrin
Doongin
Newcastle
Perth
Eyre
Balladonia
Norseman
Pingelly
Wandering
Pinjarra
Israelite Bay
Lynburn
Esperance
Coconarup
Jerramungup
Glenvale
Katanning
Dardanup
Bunbury
Bremer Bay
Pallinup
Albany
Balbarup
Leeuwin


MEAN
RAINFALL MAP
OF
WESTERN AUSTRALIA
For DECEMBER
Scale of Miles
50 40 30 20 10 0 50 100 150 200
Nil
0 to 100
to 200
to 300
to 450
to 600
above 600
Wyndham 413
Argyle Downs 539
Ord River 442
Koojubrin 361
Halls Creek
Flora Valley
Denison Downs
Gobayama 394
Broome 461
Derby 177
Leonard
Leopold Downs
La Grange Bay 297
Thangoo 496
Mt Anderson
Upper Liveringa
Fitzroy 243
Wallal
Cassack 22
Boodarie 76
Condon 120
Bamboo Creek 203
Onslow 21
Chinginarra 24
Fortescue 31
Mt Florence 68
Pilbara
Marble Bar 129
Nullagine
Pt Coates
Yannalgal 46
Nanutarra 27
Mt Mortimer
Mulga Downs
Roy Hill
Williambury 34
Towara 73
Ullawarra
Carnarvon 2
Weenomio 13
Bangemall
Shark Bay 0
Wooramel 13
Minginoo 68
Errivilla 21
Mt Gould
Peak Hill
Hamelin Pool
Byro 16
Boolardy 23
Mileura 31
Nannine
Lake Way
Mt View 13
Wooleen 14
Murgoo 11
Cue
Tuckanarra
Lake Darlot
Abrolhos 0
Geraldton 10
Mullewa 29
Yalgoo 14
Mt Magnet
Challa
Lawlers
Mt Malcolm
Laverton
Dongara 5
Mingenew 22
Rothesay
Field's Find
Menzies
Edjudina
Yatheroo 36
Walebing 38
Wattoning
Mt Jackson 78
Kalgoorlie
Kurnalpi
Perth 57
Newcastle 37
Doongin 45
Kellerberrin 54
Southern Cross 52
Boorabbin 54
Widgemooltha
Eucla 25
Pinjarra 70
Wamdering 49
Pingelly 49
Norseman
Balladonia 44
Eyre 31
Bunbury 67
Dardanup 73
Katanning 56
Glenvale 74
Jerramungup 95
Coconerup 86
Esperance
Lynburn 36
Israelite Bay
Leeuwin 105
Balbarup 145
Albany 91
Pallinup 104
Bremer Bay 81


MEAN
RAINFALL MAP
OF
WESTERN AUSTRALIA
For YEAR
Scale of Miles
0 to 500
to 1000
to 1500
to 2500
to 3500
above 3500
2817
Wyndham
2542
Argyle Downs
2264
Ord River
Koojubrin
2090
Halls Creek
Flora Valley
Denison Downs
Oobagama
2425
2670
2190
Broome
Derby
Leonard
Leopold Downs
2017
2558
2439
La Grange Bay
Thangoo
Mt Anderson
Upper Liveringa
Fitzroy
Wallal
1203
1320
1386
1599
Cossack
Boodarie
Condon
Bamboo Creek
726
741
1080
1496
1413
Onslow
Chinginarra
Fortescue
Mt Florence
Pilbara
Marble Bar
Nullagine
898
918
Pt Cloates
Yannalgal
Nanutarra
Mt Mortimer
Mulga Downs
Roy Hill
803
972
Williambury
Towara
Ullawarra
822
836
Carnarvon
Weenamia
Bangemall
889
522
568
680
Shark's Bay
Wooramel
Minginoo
Erivilla
Mt Gould
Peak Hill
810
754
620
642
Kararang
Hamelin Pool
Byro
Boolardy
Mileura
Nannine
Lake Way
651
684
486
Mt View
Wooleen
Murgoo
Cue
Tuckanarra
Lake Darlot
1344
1875
965
540
Abrolhos
Geraldton
Mullewa
Yalgoo
Mt Magnet
Challa
Lawlers
Mt Malcolm
Laverton
1844
1426
Dongara
Mingenew
Rothesay
Field's Find
Menzies
Edjudina
2387
1844
659
Yatheroo
Walebing
Wattoning
Mt Jackson
Kalgoorlie
Kurnalpi
3080
2080
1200
1090
877
710
990
Perth
Newcastle
Doongin
Kellerberrin
Southern Cross
Boorabbin
Widgemooltha
Eucla
3370
2116
1709
896
1005
Pinjarra
Wandering
Pingelly
Norseman
Balladonia
Eyre
3364
2813
1839
1602
1381
2368
1427
Bunbury
Dardanup
Katanning
Glenvale
Jerramungup
Coconarup
Esperance
Lynburn
Israelite Bay
3837
4116
3050
2338
2239
Leeuwin
Balbarup
Albany
Pallinup
Bremer Bay

APPENDIX.

RAINFALL FOR 1895 AND 1896.

Rainfall for 1895.

EAST KIMBERLEY DIVISION.

Square.	Locality.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1528	Wyndham	674	917	518	6	95	11	524	...	...	...	467	177	3389
1628	Rosewood Downs	802	848	—	—	—	—	297	...	...	...	197	289	—
	Lisadell	—	—	—	—	—	—	—	—	—	—	169	132	—
	Argyle	754	817	133	...	100	55	377	...	...	...	440	555	3231
	Mean	754	817	133	...	100	55	377	...	...	...	440	555	3231
1728	Ord River	1172	820	105	71	116	...	345	...	...	—	—	—	—
1827	Hall's Creek	687	724	10	74	255	8	316	...	...	...	356	354	2784

WEST KIMBERLEY DIVISION.

1623	Obagama	—	—	—	—	—	—	—	—	—	—	193	140	—
1722	Broome	251	918	350	...	164	67	9	...	...	1	9	93	1862
1723	Derby	503	579	81	...	639	58	205	...	...	3	...	181	2249
	Yeeda	610	654	131	...	390	80	...	...	...	...	...	278	2143
	Mean	556	617	106	...	515	69	102	...	...	1	...	230	2196
1821	La Grange Bay	240	378	291	...	252	98	1	...	...	...	...	...	1260
1822	Thangoo	222	748	242	...	113	74	...	...	...	..	6	108	1513
1825	Fitzroy	446	1671	53	...	125	112	247	...	...	...	65	56	2775

NORTH-WEST DIVISION.

2017	Cossack	70	699	21	...	...	73	116	...	...	...	...	...	979
	Roebourne	1	873	...	...	...	83	116	...	...	...	...	...	1073
	Mean	36	786	10	...	...	78	116	...	...	...	...	...	1026
2018	Boodarrie	...	158	293	...	53	63	5	...	...	...	...	4	576
2019	Condon	...	273	28	...	173	142	12	...	...	...	...	...	628
	DeGrey	...	92	99	110	84	13	...	...	...	...	...	...	398
	Mulgie	334	93	21	...	71	88	...	...	...	17	10	...	634
	Mean	111	153	49	37	109	81	4	...	...	6	3	...	553
2020	Coongon	95	114	52	...	81	95	53	...	...	19	...	60	569
2114	Onslow	...	32	188	47	101	177	47	1	...	...	...	...	593
2115	Mardie	...	197	15	...	...	101	32	...	...	...	...	...	345
	Chinginarra	25	165	162	...	...	135	107	...	...	...	...	...	594
	Peedamullah	...	315	38	...	15	121	185	...	...	...	...	...	674
	Mean	8	226	72	...	5	119	108	...	...	...	...	...	538
2116	Fortescue	11	151	6	...	...	98	21	...	...	...	...	...	287
2117	Mount Florence	277	713	346	71	...	124	98	...	...	...	...	...	1629
2119	Marble Bar	25	370	31	12	66	60	93	...	...	56	...	88	801
2214	Yannagal	...	83	185	...	...	79	74	...	...	...	...	...	421
2215	Mount Hubert	...	248	71	44	...	111	...	...	...	—	—	—	—
2216	Mooline Pool	...	239	441	49	47	126	98	...	...	...	...	...	1000
	Hardy Junction	...	483	92	50	60	125	98	...	...	...	...	...	908
	Mean	...	361	266	50	54	125	98	...	...	...	...	...	954

GASCOYNE DIVISION.

2314	Wandagee	...	229	...	...	...	207	47	...	...	...	...	...	483
	Williambury	...	398	44	...	17	165	7	10	...	...	...	...	641
	Mean	...	314	22	...	8	186	27	5	...	...	...	...	562
2315	Towera	...	374	...	121	59	92	22	...	...	5	...	...	673
2316	Ullawarra	—	—	—	—	—	—	—	...	...	12	...	...	—
2413	Carnarvon	...	61	142	72	5	865	81	30	17	...	...	...	1273

... Signifies "*nil*." — Signifies "no record."

RAINFALL FOR 1895—*continued.*

GASCOYNE DIVISION—*continued.*

Square.	Locality.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October	November.	December.	Year.
2414	Yalobra	...	...	...	...	17	832	85	...	...	...	...	...	934
	Millie Millie	...	70	70	60	...	680	66	12	...	...	...	10	968
	Mean	...	35	35	30	8	756	76	6	...	...	...	5	951
2513	Sharks Bay	...	19	93	7	...	275	46	24	24	...	...	...	488
	Dirk Hartog Island ...	...	3	2	—	—	—	—	—	—	—	—	—	—
	Mean	...	19	93	7	...	275	46	24	24	...	...	...	488
2515	Minginoo	...	138	148	...	7	120	18	9	...	...	...	...	440
2516	Errivilla	50	205	7	...	75	26	5	...	...	...	...	...	368
2517	Mount Gould	...	171	..	...	80	76	10	...	...	...	...	...	337
	Moorarie	...	94	20	...	51	55	20	...	...	...	...	...	240
	Mean	...	132	10	...	66	66	15	...	...	...	...	...	289
2614	Hamelin Pool	...	52	11	...	3	465	48	37	18	...	..	...	634
2616	Boolardy	...	53	...	30	...	438	...	41	25	...	..	...	587
2618	Nannine	...	60	83	39	26	145	4	13	...	52	...	...	422
2715	Wooleane	...	...	...	...	...	374	14	37	22	...	...	...	447
2716	Murgoo	...	25	19	43	...	344	8	31	24	...	...	...	494
2717	Cue	...	75	19	29	...	142	17	24	13	...	11	...	330
2816	Gabyon	...	...	54	1	28	372	54	88	40	2	31	21	69
2817	Mount Magnet	...	7	49	1	6	147	17	73	25	...	45	...	370

SOUTH-WEST DIVISION.

2813	Abrolhos	...	10	...	41	27	679	336	230	77	...	21	...	142
2814	Northampton	...	25	50	22	98	668	515	407	314	...	9	10	2118
	Newmerrucarra	...	90	34	50	109	752	408	399	225	23	5	9	2104
	Geraldton	...	36	41	89	64	831	345	232	181	12	1	10	1842
	Greenough...	1	74	...	46	85	588	380	320	224	7	6	7	1738
	Mean	...	56	31	52	89	710	412	340	236	10	5	9	1950
2914	Dongara (Pearse) ..	...	50	...	45	63	602	335	407	168	10	...	...	1680
	„ (P.O.)	...	50	...	62	75	611	349	459	135	10	2	...	1753
	Mean	...	50	...	54	69	606	342	433	151	10	1	...	1716
2915	Carnamah	...	25	...	27	62	539	273	219	116	...	...	...	1261
3015	Yatheroo	11	24	4	48	116	612	447	680	256	62	13	22	2293
3016	Walebing	2	24	15	20	113	523	246	433	228	27	...	9	1640
	New Norcia	...	28	...	10	75	493	245	648	267	45	...	21	1833
	Mean	1	26	7	15	94	508	246	540	248	36	...	15	1736
3115	Gingin	15	86	...	131	169	682	622	714	403	72	19	38	2951
	Rottnest	12	131	...	161	144	865	693	545	261	71	7	64	2954
	Claremont...	—	—	—	—	—	—	—	629	389	87	...	111	—
	Perth	21	108	8	151	156	844	683	654	468	108	13	87	3301
	Mean	16	108	3	148	156	797	666	638	377	84	13	63	3067
3116	Culham	...	33	...	32	63	497	365	546	219	46	3	13	1817
	Mundaring	33	87	27	129	128	975	860	1206	684	136	28	131	4427
	Newcastle	...	26	...	78	81	532	392	512	254	46	...	13	1934
	Cooringa	...	30	...	63	77	739	507	651	298	60	3	31	2459
	Northam	7	22	5	37	72	497	354	480	226	44	...	11	1755
	Grass Valley	...	63	...	74	104	435	270	377	153	27	...	10	1513
	Guildford	29	128	6	130	104	941	603	840	502	113	14	63	3475
	Belvoir	...	46	...	45	65	887	711	600	473	58	...	39	2924
	Cobham	...	43	2	52	62	512	304	418	198	31	...	24	1644
	York	...	23	1	36	56	531	348	401	179	26	...	17	1618
	Mean	7	50	4	68	81	655	471	603	319	59	4	35	2356
3117	Cuttening	...	...	...	10	...	262	146	252	99	73	14	...	856
	Doongin	4	13	7	13	41	278	166	270	105	22	2	3	924
	Mooranoppin	27	27	...	23	30	256	179	288	95	15	17	3	960
	Mean	10	13	2	15	24	265	164	270	100	37	11	2	911

... Signifies "*nil.*" — Signifies "no record."

RAINFALL FOR 1895—*continued.*

SOUTH-WEST DIVISION—*continued.*

quare.	Locality.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
3215	Fremantle	30	95	24	179	225	900	755	663	355	77	17	83	3403
	Mandurah	69	215	12	202	199	867	652	910	536	171	8	169	4010
	Jarrahdale	23	141	...	186	211	921	914	827	655	26	...	142	4046
	Pinjarra	11	300	9	144	239	1215	722	1307	662	197	72	156	5034
	Mean	33	188	11	178	218	976	761	927	552	118	24	137	4123
3216	Beverley	...	40	20	58	54	461	237	305	180	26	34	28	1443
	Canning Water Works ...	50	153	35	205	160	1120	681	1220	710	140	13	104	4591
	Wandering	—	—	—	—	114	604	414	698	375	77	5	97	
	Nerbitting...	1	141	114	115	120	609	352	608	327	71	2	78	2538
	Bannister	11	145	82	34	133	757	484	783	361	67	33	245	3135
	Mean	16	120	63	103	117	737	438	729	394	76	20	114	2927
3217	Sunny Hill	...	53	8	62	69	532	222	238	177	29	44	24	1458
	Pingelly	...	67	10	101	78	475	268	346	229	48	49	43	1714
	Narrogin	2	127	61	44	75	525	243	481	279	67	76	78	2058
	Mean	1	82	26	69	74	511	244	355	228	48	57	48	1743
3315	Bunbury	30	80	12	143	345	1479	856	1062	481	197	40	199	4924
	Busselton	30	46	10	90	142	876	678	489	343	160	43	111	3018
	Quindalup	44	67	34	175	186	1256	1040	717	522	191	55	133	4420
	Mean	35	64	19	136	224	1204	858	756	449	182	46	148	4121
3316	Williams	2	200	16	150	102	736	390	529	265	56	109	69	2624
	Dardanup	76	135	29	114	340	1512	861	1004	544	202	39	232	5088
	Greenbushes	37	187	9	179	211	1194	550	874	565	242	71	174	4293
	Bridgetown	54	180	24	146	171	1223	602	910	388	212	30	167	4107
	Mean	42	176	20	147	206	1166	601	829	441	178	62	160	4028
3317	Arthur	6	297	192	74	42	653	366	725	287	47	7	100	2796
	Wagin	3	296	3	124	66	611	328	451	345	59	5	47	2338
	Kojonup	...	215	6	143	126	592	359	464	379	73	271	87	2715
	Broomehill	12	324	13	140	60	442	257	455	298	66	34	54	2155
	Mean	5	283	54	120	74	574	328	524	327	61	79	72	2501
3319	Jarramongup	58	113	32	90	72	158	152	175	222	35	113	26	1246
3415	Augusta	71	52	12	110	283	864	763	711	330	171	83	173	3623
	Karridale	92	103	20	210	312	1088	1029	1041	526	264	86	267	5038
	Mean	82	78	16	160	297	976	896	876	428	217	84	220	4330
3417	Cranbrook	27	342	11	141	70	396	327	414	301	79	58	77	2243
	Mt. Barker	99	385	40	250	155	477	324	382	519	125	85	92	2933
	St. Werburghs	132	322	29	277	127	426	330	413	372	127	43	103	2701
	Albany	68	263	42	237	249	691	597	578	370	145	26	152	3418
	Mean	82	328	30	226	150	498	394	447	391	119	53	106	2824
3418	Pallinup	19	268	65	65	37	392	205	393	202	46	48	30	1770
	Wattle Hill	255	392	55	360	142	688	387	459	451	85	58	128	3460
	Breaksea	76	255	32	186	207	447	439	349	234	102	19	127	2473
	Mean	117	305	50	204	128	509	344	400	296	78	42	95	2568
3419	Bremer Bay	71	272	21	398	148	200	444	157	357	75	53	25	2221

EASTERN DIVISION.

3021	42-Mile	...	19	...	14	...	47	...	...	...	...	...	...	80
	Coolgardie	120	29	16	64	187	94	36	67	51	...	15	...	679
	Mean	60	24	8	39	93	70	18	34	26	...	8	...	380
3118	Mangowine	...	52	10	8	30	189	121	197	81	2	24	...	714
	Kellerberrin	1	38	...	16	26	192	144	244	71	10	71	2	815
	Mean	1	45	5	12	28	190	132	220	76	6	48	1	764
3119	Reen's Soak	...	...	...	...	...	115	82	118	...	...	...	...	315
	Southern Cross	4	10	2	17	81	168	61	155	42	2	...	...	542
	Mean	2	5	1	8	40	142	72	136	21	1	...	...	428
3120	Hunt's Dam	9	21	...	12	88	141	86	117	48	1	40	...	563
	Bulla Bulling	16	47	...	12	184	106	58	59	51	...	...	...	533
	Boorabbin	...	15	12	19	154	138	48	65	41	...	42	...	534
	Kararawalyee	8	16	...	...	105	145	75	120	53	...	...	...	522
	Woolgangie	45	20	7	23	246	81	55	65	42	30	31	...	645
	Mean	16	24	3	13	156	122	64	85	47	6	23	...	559

... Signifies "*nil.*" — Signifies "no record."

RAINFALL FOR 1895—*continued.*

EUCLA DIVISION.

Square.	Locality.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
3323	Israelite Bay	96	9	28	154	130	67	142	139	229	30	1	...	1025
3223	Balladonia...	208	54	12	69	108	31	78	53	201	18	34	...	866
3226	Eyre	154	11	5	252	135	33	128	27	52	11	23	...	831
3128	Eucla	128	70	85	427	77	30	22	70	105	8	23	...	1045

... Signifies "nil."

Rainfall for 1896.

EAST KIMBERLEY DIVISION.

quare.	Locality.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1528	Wyndham	1929	1090	293	...	8	...	48	...	29	...	218	687	4302
1628	Rosewood Downs	858	663	411	154	...	...	125	...	...	...	347	579	3137
	Lisadell	638	598	162	186	61	...	102	...	...	...	207	523	2477
	Argyle Downs	601	564	388	117	...	...	138	...	...	...	...	593	2401
	Mean	699	608	320	153	20	...	122	...	...	...	185	565	2672
1728	Ord River	1332	302	225	147	...	...	132	...	...	13	159	631	2941
1827	Hall's Creek	1295	178	535	204	114	...	77	...	...	38	145	464	3050

WEST KIMBERLEY DIVISION.

1623	Obagama	1571	2166	763	151	...	...	...	...	...	...	220	262	5138
1722	Broome	1289	2358	572	...	...	...	...	...	...	...	...	88	4307
1723	Derby	1447	1292	362	91	...	...	13	...	...	3	...	119	3327
	Yeeda	1006	1595	420	10	...	...	...	...	...	...	...	153	3184
	Liverynga	532	819	493	...	...	...	...	...	...	38	...	68	1950
	Mean	995	1235	425	34	...	. .	4	...	...	14	...	113	2820
1724	Leonard	—	—	—	—	—	—	—	—	—	—	131	586	—
1821	La Grange Bay	1334	1233	366	...	...	...	...	...	...	...	...	5	2938
1822	Thangoo	1094	2868	288	...	...	...	...	...	...	...	...	...	4250
1825	Fitzroy	1289	735	341	71	...	...	6	...	...	21	44	158	2665

NORTH-WEST DIVISION.

2017	Cossack													
	Roebourne	1018	60	40	...	...	7	...	...	...	...	...	26	1151
2018	Boodarrie (Efford) ...	480	55	315	...	...	8	...	...	...	...	...	4	862
	„ (Wedge) ...	441	113	359	...	...	8	...	...	...	...	...	...	921
	Mean	460	84	337	...	...	8	...	...	...	...	...	2	891
2019	Condon	620	36	1033	...	...	11	...	...	...	...	...	...	1700
	DeGrey	398	55	632	...	...	...	...	...	...	...	...	8	1093
	Mulgie	1005	28	592	...	...	...	...	...	...	...	...	40	1665
	Mean	674	40	752	...	...	4	...	...	...	...	...	16	1486
2020	Coongon	491	68	492	...	...	...	...	...	...	20	...	...	1071
2114	Onslow	25	1	27	...	1	4	...	13	2	...	...	...	73
2115	Mardie	513	20	52	...	...	...	...	...	...	...	...	...	585
	Chengmarra	255	48	...	...	...	...	...	...	...	...	...	...	303
	Peedamullah	127	198	100	...	...	10	...	...	...	1	...	...	436
	Mean	298	89	51	...	...	3	...	...	...	...	...	...	441
2116	Fortescue	648	10	37	...	...	...	...	...	...	...	...	...	695
2117	Mt. Florence	1254	57	139	...	...	...	...	...	...	...	...	65	1515
	Tambray	—	—	—	—	...	8	1	...	...	...	...	343	—
	Mean	1254	57	139	...	...	...	...	...	...	...	...	65	1515
2119	Marble Bar	644	185	298	...	...	...	...	...	...	...	...	...	1127
2214	Yannalgal	139	15	89	...	...	...	...	...	...	...	...	...	243
2216	Mooline Pool	420	195	213	...	...	14	...	...	...	...	...	78	920
	Hardey Junction	512	87	—	—	—	—	—	—	—	—	—	—	—
	Mt. Mortimer	344	60	74	...	...	15	...	...	...	...	...	78	571
	Mean	382	128	144	...	...	14	...	...	...	...	...	78	746

GASCOYNE DIVISION.

2314	Wandagee	256	49	57	...	11	52	...	...	...	...	...	...	425
	Williambury	378	26	175	...	...	50	...	...	4	...	...	...	633
	Mean	317	38	116	...	5	51	...	...	2	...	...	...	529
2315	Towera	473	93	122	...	...	10	5	10	...	...	...	12	725
	Workadjia	312	147	168	...	...	15	...	9	...	...	...	...	651
	Mean	392	120	145	...	...	12	3	10	...	...	...	6	688

... Signifies "nil." — Signifies "no record."

Rainfall for 1896—*continued.*

GASCOYNE DIVISION—*continued.*

Square.	Locality.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year
2316	Ullawarra	158	200	227	...	...	8	6	12	...	...	...	16	627
2413	Carnarvon	...	31	124	63	...	5	84	57	...	...	...	...	364
2414	Yalobia	107	7	96	...	102	110	45	23	...	...	...	31	521
	Weenamia	295	4	292	...	...	...	...	10	...	...	...	63	664
	Millie Millie	107	7	79	...	52	85	28	23	...	...	...	31	412
	Mean	170	6	156	...	51	65	24	18	...	...	...	42	532
2513	Sharks Bay	17	...	63	...	100	123	107	45	...	2	...	...	457
	Dirk Hartog Island ...	8	...	48	...	183	360	144	67	8	...	...	...	818
	Mean	12	...	56	...	142	241	126	56	4	1	...	...	638
2515	Minginoo	128	..	125	...	...	101	13	...	...	...	...	35	402
2516	Errivillia	223	15	493	...	44	40	...	...	...	...	...	60	875
2517	Mt. Gould	341	71	522	...	...	60	...	...	...	...	...	...	994
	Moorarie	372	39	499	...	...	40	...	...	...	...	...	...	950
	Mean	357	55	510	...	...	50	...	...	...	...	...	...	972
2614	Hamelin Pool	4	...	41	...	42	82	62	14	12	...	...	...	257
2616	Boolardy	71	...	156	...	...	72	37	...	...	...	...	...	336
2618	Nannine	310	147	698	...	...	72	43	...	22	...	1	92	1385
	Annean	328	162	606	...	...	77	13	...	16	...	...	79	1281
	Mean	319	154	652	...	...	75	28	...	19	...	...	86	1333
2715	Wooleane	175	...	266	...	...	105	124	19	...	3	10	...	702
2716	Murgoo	53	18	362	2	...	50	84	...	...	...	...	...	561
2717	Cue	199	193	266	...	...	64	60	3	...	...	...	13	798
	Day Dawn	118	112	226	...	...	29	30	2	2	...	...	...	519
	Mean	158	153	246	...	...	46	45	2	1	...	...	7	659
2816	Yalgoo	—	70	235	...	...	180	124	15	...	11	31	21	—
2817	Mt. Magnet	91	38	437	...	...	80	37	17	45	3	...	...	748
2818	Challa	60	33	647	...	...	75	54	7	57	...	...	159	1092

SOUTH-WEST DIVISION.

2813	Abrolhos	—	—	—	—	—	—	—	—	—	—	—	—	—
2814	Northampton	...	7	67	5	70	443	649	151	78	14	10	...	1494
	Oakabella	...	...	47	...	110	438	409	145	174	15	...	...	1338
	Geraldton	23	...	20	6	83	473	386	109	29	9	5	...	1144
	Greenough	7	6	73	3	106	453	381	123	48	43	1	...	1244
	Mean	8	3	52	4	92	452	456	132	82	20	4	...	1305
2815	Mullewa	362	...	246	...	3	51	145	198	30	...	150	...	1185
2914	Dongara (Pearse) ...	26	...	68	...	124	338	555	223	52	19	...	...	1405
	„ (P.O.)	26	...	110	12	136	417	523	260	43	29	2	...	1558
	Mean	26	...	89	6	130	378	539	242	47	24	1	...	1482
2915	Mingenew	...	...	146	...	90	253	580	107	29	12	55	...	1272
	Carnamah	...	...	231	...	147	216	419	105	15	10	269	10	1422
	Mean	...	...	188	...	119	234	500	106	22	11	162	5	1347
3015	Yatheroo	14	...	489	27	164	596	673	220	86	67	19	8	2363
3016	Walebing	12	...	314	9	79	407	415	161	74	45	54	53	1623
	New Norcia	...	...	518	66	136	502	460	188	35	46	5	30	1984
	Mean	6	...	416	38	108	454	438	174	54	46	30	41	1803
3115	Gingin	9	...	331	45	223	626	960	182	27	97	30	22	2552
	Rottnest	—	—	—	—	143	—	—	—	54	39	14	—	—
	Claremont	15	...	375	117	229	629	798	295	117	91	14	13	2693
	Perth	10	...	450	94	363	722	852	371	108	98	23	59	3150
	Mean	12	...	385	85	272	659	870	283	84	95	22	31	2798
3116	Culham	15	6	547	69	191	395	680	176	59	42	7	47	2234
	Newcastle	10	...	426	38	127	405	601	143	53	60	22	47	1932
	Goomalling	...	22	300	16	25	360	227	341	15	18	11	257	1592

... Signifies "*nil.*" — Signifies "no record."

Rainfall for 1896—*continued.*

SOUTH-WEST DIVISION—*continued.*

quare.	Locality.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	Canning Timber Mills ...	12	...	459	192	430	899	964	373	160	149	15	71	3724
	Mundaring	12	...	440	182	313	943	1032	384	112	188	15	72	3693
	Northam	...	15	488	28	82	327	686	123	37	37	2	47	1872
	Grass Valley	10	52	444	29	115	402	497	149	21	37	10	180	1946
	Guildford	15	...	299	96	305	803	773	226	91	95	23	43	2769
	Belvoir	2	...	417	96	250	559	716	257	117	94	2	31	2541
	Cobham	6	10	377	47	91	281	560	175	72	39	23	92	1771
	York	8	5	351	47	64	239	530	173	32	33	21	80	1583
	Mean	9	9	425	82	197	525	704	218	75	77	14	71	2406
3117	Doongin	252	66	428	3	13	318	312	97	20	22	26	81	1638
	Mooranoppin	85	27	437	32	42	276	291	121	12	56	18	156	1553
	Mean	168	47	432	18	28	297	302	109	16	39	22	118	1596
3215	Fremantle	17	...	419	81	231	1001	771	369	87	101	5	22	3104
	Mandurah	33	6	355	97	469	876	823	301	104	215	32	15	3326
	Jarrahdale	12	...	432	218	318	893	644	368	117	120	42	9	3173
	Pinjarra	49	...	331	86	418	1055	730	468	107	223	41	...	3508
	Mean	28	1	384	120	359	959	742	375	104	165	30	11	3278
3216	Beverley	6	...	261	35	127	252	475	153	32	29	36	89	1495
	Wandering	...	6	463	86	225	517	518	265	107	88	40	6	2321
	Canning Waterworks ...	...	...	335	148	378	870	765	408	145	118	26	97	3290
	Bannister	5	...	445	71	227	608	530	277	107	84	17	15	2386
	Mean	3	1	376	85	239	562	572	276	98	80	30	51	2373
3217	Barrington	...	...	307	65	68	303	467	185	36	9	70	88	1598
	Sunning Hill	22	...	190	79	227	311	458	153	26	63	21	27	1577
	Pingelly	34	...	192	83	150	334	455	182	37	47	51	54	1619
	Narrogin	144	6	276	95	160	341	392	212	38	50	32	67	1813
	Mean	50	2	241	81	151	322	443	183	34	42	44	59	1652
3315	Bunbury	35	2	330	110	333	927	826	419	185	367	75	15	3624
	Preston	27	...	268	121	383	841	455	479	180	176	70	...	3000
	Qindalup	13	...	397	191	911	743	847	378	161	176	96	9	3922
	Busselton	13	...	346	113	452	663	635	250	87	157	78	...	2794
	Mean	22	...	335	134	520	794	691	381	153	219	80	6	3335
3316	Williams	3	...	459	80	181	394	356	236	51	78	25	40	1903
	Dardanup	41	...	260	223	356	962	679	453	150	206	30	...	3360
	Greenbushes	18	...	275	97	372	686	647	352	160	214	68	141	3030
	Bridgetown	19	1	308	122	366	631	588	256	119	217	65	65	2757
	Mean	20	...	325	130	319	668	568	324	120	179	47	62	2762
3317	Arthur	7	...	266	102	70	309	299	133	17	55	...	75	1333
	Wagin	6	...	401	42	106	258	317	194	37	30	28	33	1452
	Katanning...	29	11	221	64	144	192	362	165	45	54	79	74	1440
	Kojonup	9	17	316	36	102	273	439	243	48	98	27	193	1801
	Broomehill...	11	2	232	52	99	235	436	148	40	76	44	59	1434
	Mean	12	6	287	59	104	253	361	177	37	63	36	87	1482
3319	Jarramongup	22	124	169	79	39	169	353	98	50	37	204	157	1501
3415	Augusta	32	7	277	149	428	852	767	271	78	207	114	6	3195
	Karridale	28	12	307	215	492	804	917	288	106	208	126	25	3528
	Mean	30	10	292	182	460	831	842	280	92	207	120	16	3362
3417	Cranbrook	25	7	261	89	128	235	398	120	58	73	62	194	1650
	Mount Barker	33	49	307	191	64	261	468	168	112	86	160	175	2074
	St. Werburghs	39	54	316	175	92	248	456	182	115	84	109	166	2036
	Albany	39	52	365	255	174	622	705	256	159	194	172	145	3138
	Point King	40	35	275	348	216	539	701	243	139	186	146	109	2977
	Mean	35	39	305	211	135	381	545	194	117	125	130	158	2375
3418	Pallinup	16	15	195	42	76	258	258	128	38	37	32	145	1240
	Wattle Hill	60	153	369	292	144	298	482	216	110	175	289	201	2789
	Breaksea	41	26	240	212	120	450	483	224	94	130	137	150	2307
	Mean	39	65	268	182	113	335	408	189	81	114	153	165	2112
3419	Bremer Bay	44	31	147	80	89	192	395	225	77	55	211	192	1738

... Signifies "nil." — Signifies "no record."

RAINFALL FOR 1896—*continued.*

EASTERN DIVISION.

Square.	Locality.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October	November.	December.	Year.
2820	Lawlers	—	—	325	10	8	57	52	11	8	3	16	78	—
2921	Menzies	—	—	—	...	2	5	38	2	6	10	62	64	—
	Niagara	—	—	—	—	—	—	—	—	—	...	...	...	—
3020	Wangine	56	11	558	2	2	19	124	11	2	...	...	99	884
3021	Goongarrie	88	24	672	...	...	35	77	24	4	7	40	54	1025
	Kanowna	112	...	746	...	...	20	127	25	10	3	53	84	1180
	42-Mile	...	...	540	2	...	19	137	4	...	...	30	140	872
	Kalgoorlie	68	...	479	...	...	32	169	25	12	...	41	128	954
	Kunnanalling	72	...	375	...	...	41	157	24	...	...	70	237	976
	Coolgardie	61	24	243	...	9	60	160	38	18	...	90	148	851
	Mean	67	8	509	...	2	34	138	23	7	2	54	132	976
3118	Mangowine	133	48	259	5	52	140	197	99	50	15	53	184	1235
	Kellerberrin	60	51	391	31	47	259	287	95	20	50	27	153	1471
	Mean	96	50	325	18	50	200	242	97	35	32	40	168	1353
3119	Southern Cross	73	19	316	...	28	66	225	55	14	15	89	178	1078
3120	Hunt's Dam	49	19	176	23	27	61	221	48	15	24	190	146	999
	Boorabbin	31	90	157	...	26	81	214	55	14	9	231	172	1080
	Woolgangie	...	26	126	5	14	56	182	52	6	44	100	144	755
	Bulla Bulling	12	39	163	9	...	29	123	27	26	...	122	104	654
	Mean	23	44	155	9	17	57	185	46	15	19	161	142	873
3221	Dundas	...	...	299	...	24	26	250	...	...	31	75	114	819
3018	Wattoning	...	27	380	5	39	111	285	66	5	20	40	35	1013

EUCLA DIVISION.

3321	Esperance	...	152	...	176	108	214	512	179	62	109	150	82	1744
3323	Israelite Bay	52	2	347	136	60	32	196	154	...	121	98	...	1198
3223	Balladonia	37	23	617	39	13	85	228	52	...	15	126	36	1271
3326	Eyre	57	240	232	32	50	32	142	86	3	4	71	32	981
3128	Eucla	158	680	140	34	182	12	116	52	24	24	19	40	1481

... Signifies "*nil.*" — Signifies "no record."

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