## SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT HOBART FOR 1884.

Latitude, 42° 53′ 25″ S.: Longitude, 147° 26′ 6″ E. Height of Observatory above Sea Level, 190 feet. Barometer corrected to 32° Fahrenheit, and reduced to Sea Level.

| YEAR. | BAROMETER. | THERMOMETER IN SHADE. | | | | | RADIATION. | | RUMIDITY. | | | RAIN. | | PREVAILING WINDS. | | CLOUDS. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1884.** | *Mean.* | *Maximum.* | *Mean Maximum.* | *Minimum.* | *Mean Minimum.* | *Mean Diurnal Range.* | *Mean Temperature of Month.* | *Solar Max.* | *Terrestrial Min.* | *Dew Point.* | *Pressure of Vapour.* | *Humidity.* | *Total Fall.* | *No. of days Rain fell.* | *Direction.* | *Force.* | *Amount.* |
| | Inches. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | Inches. | | | (0–12) | (0–10) |
| January | 29·731 | 90·6 | 67·9 | 41·4 | 50·3 | 17·6 | 59·2 | 132·5 | 39·8 | 47·5 | ·329 | ·064 | 3·60 | 16 | S.S.E., S.W. & N.W. | 2·5 | 7·8 |
| February | 29·804 | 96·6 | 70·3 | 42·2 | 51·9 | 18·4 | 59·2 | 142·5 | 36·5 | 48·6 | ·343 | ·068 | 1·07 | 12 | S.S.E. & N.W. | 2·5 | 7·6 |
| March | 30·067 | 83·5 | 67·5 | 38·4 | 50·7 | 16·8 | 60·1 | 124·3 | 33·2 | 51·3 | ·378 | ·073 | 0·36 | 6 | S.S.E. & N.W. | 2·0 | 6·5 |
| April | 30·193 | 78·8 | 65·7 | 38·8 | 48·4 | 18·3 | 58·1 | 121·0 | 34·0 | 50·8 | ·371 | ·077 | 0·29 | 5 | S. & N.W. | 2·0 | 6·3 |
| May | 30·032 | 66·5 | 56·6 | 33·5 | 41·5 | 15·1 | 49·8 | 102·0 | 30·4 | 45·0 | ·299 | ·084 | 1·76 | 13 | S.S.E. & N.W. | 2·0 | 6·6 |
| June | 29·949 | 67·8 | 53·4 | 30·4 | 41·7 | 11·7 | 48·6 | 105·0 | 30·5 | 43·4 | ·282 | ·084 | 1·40 | 16 | S. & N.W. | 2·0 | 7·5 |
| July | 30·042 | 69·4 | 52·3 | 31·8 | 39·6 | 13·7 | 47·1 | 102·0 | 25·8 | 41·1 | ·258 | ·080 | 0·63 | 17 | S.S.W. & N.W. | 2·3 | 6·3 |
| August | 29·861 | 65·5 | 55·0 | 32·2 | 41·4 | 13·6 | 48·5 | 111·0 | 28·5 | 44·1 | ·289 | ·084 | 3·40 | 17 | S. & N.W. | 2·4 | 7·0 |
| September | 29·789 | 70·0 | 57·9 | 33·6 | 42·6 | 14·7 | 51·0 | 121·5 | 28·0 | 44·6 | ·298 | ·077 | 2·67 | 19 | S.S.W. & N.W. | 3·0 | 7·6 |
| October | 29·786 | 78·0 | 61·3 | 34·0 | 43·4 | 18·2 | 53·3 | 131·0 | 29·2 | 44·8 | ·297 | ·073 | 1·40 | 13 | S.S.W. & N.W. | 2·6 | 7·0 |
| November | 29·899 | 68·0 | 66·9 | 37·0 | 46·9 | 20·0 | 57·7 | 143·0 | 30·8 | 49·0 | ·347 | ·073 | 1·09 | 15 | S. & N.W. | 2·0 | 7·0 |
| December | 29·617 | 76·2 | 65·9 | 40·6 | 49·4 | 15·6 | 57·8 | 139·0 | 39·6 | 50·9 | ·373 | ·078 | 3·93 | 21 | S.S.E. & N.W. | 2·3 | 8·0 |
| Mean | 29·893 | .. | 61·8 | .. | 45·6 | 16·1 | 54·2 | .. | .. | 46·7 | ·321 | ·076 | 1·80 | 14 | S. & N.W. | 2·4 | 7·0 |
| Extremes | .. | Feb. 21 98° | .. | July 22 31° S | .. | .. | .. | Nov. 20 143° | July 22 25°S | .. | .. | .. | Total, 21·65 | Total, 171 | | | |

## EPITOME OF RESULTS OF METEOROLOGICAL OBSERVATIONS AT THE VARIOUS STATIONS FOR THE YEAR 1884.

| STATIONS. | BAROMETER. | THERMOMETER, IN SHADE. | | | | | | RADIATION. | | RUMIDITY. | | | RAIN. | | PREVAILING WINDS. | | CLOUDS. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean. | Maximum. | Mean Maximum. | Minimum. | Mean Minimum. | Mean Diurnal Range. | Mean Temperature of Year. | Solar Max. | Terrestrial Min. | Dew Point. | Pressure of Vapour. | Humidity. | Total Fall. | No. of Days Rain fell. | Direction. | Force. | Amount. |
| | Inches. | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | Inches. | | | (0–12) | (0–10) |
| Southport | 29·911 | 90·0 | 62·0 | 29·0 | 42·0 | 18·1 | 56·0 | ... | ... | 52·3 | ·395 | ·087 | 42·36 | 186 | S.S.W. & N.N.W. | 3·0 | 6·4 |
| Hobart | 29·893 | 96·0 | 61·8 | 31·8 | 45·6 | 16·1 | 54·2 | 143 | 25·8 | 46·7 | ·321 | ·076 | 21·65 | 171 | S. & N.W. | 2·4 | 7·0 |
| Oatlands | 29·866 | 90·0 | 60·2 | 26·0 | 36·0 | 24·2 | 52·3 | ... | ... | 41·7 | ·265 | ·068 | 21·13 | 97 | S.W. & N. | 3·0 | 6·3 |
| Falmouth | 29·936 | 95·6 | 62·2 | 28·0 | 44·9 | 17·3 | 55·9 | ... | ... | 47·2 | ·290 | ·066 | 23·32 | 91 | S. & N.N.W. | 2·6 | 5·4 |
| Launceston | 29·950 | 88·0 | 64·5 | 27·0 | 43·8 | 20·7 | 55·5 | 132 | 20·5 | 46·1 | ·314 | ·071 | 28·43 | 136 | S. & N.N.W. | 2·0 | 5·0 |
| Low Head | 29·993 | 78·0 | 61·9 | 32·0 | 47·9 | 14·0 | 56·1 | ... | ... | 51·2 | ·381 | ·084 | 27·79 | 128 | S.E., N.E., & W.N.W. | 3·5 | 5·9 |
| Circular Head | 29·968 | 89·0 | 60·7 | 32·0 | 47·3 | 12·9 | 55·4 | ... | ... | 47·7 | ·328 | ·074 | 27·87 | 196 | S.S.W., E.N.E., & N.W. | 3·5 | 6·2 |

## MEAN AND EXTREME RESULTS FOR THE YEAR 1884.

From Observations taken at Hobart.

*Barometer—*

| | |
|---|---|
| Highest reading | 30·712 inches, on 29th April. |
| Lowest ditto | 29·020 inches, on 10th Sept. |
| Range for the year | 1·692 inches. |

*Thermometer—*

| | |
|---|---|
| Radiation, Solar, maximum | 143°, on 20th November. |
| Ditto, Terrestrial, minimum | 25·8°, night of 22nd July. |
| Maximum in the shade | 98°, on 21st February. |
| Minimum ditto | 31·8°, night of 22nd July. |
| Range for year | 64·2° |
| Highest mean daily reading for one month | 60·1°, February. |
| Lowest ditto ditto | 47·3°, July. |

*Humidity—*

| | |
|---|---|
| Mean maximum for month (saturation = 100) | ·84, in May, June, and August |
| Mean for the year | ·76. |

*Condensation—*

| | |
|---|---|
| Total for the year | 21·65 inches. |
| Total Number of Rainy Days | 171. |
| Maximum fall for one month | 3·93 inches, in December. |
| Minimum ditto | 0·29 inches, in April. |

## RAINFALL IN TASMANIA DURING THE YEAR 1884.

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

| *Name of Station.* | *Latitude, South.* | *Longitude, East.* | *Distance from Sea Coast.* | JANUARY. | | FEBRUARY. | | MARCH. | | APRIL. | | MAY. | | JUNE. | | JULY. | | AUGUST. | | SEPT. | | OCTOBER. | | NOVEMBER. | | DECEMBER. | | TOTAL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* |
| | ° ′ | ° ′ | Miles. | Nos. | Inches. | Nos. | Inches. | Nos. | Inches. | Nos. | Inches. | Nos. | Inches. | Nos. | Inches. | Nos. | Inches. | Nos. | Inches. | Nos. | Inches. | Nos. | Inches. | Nos. | Inches. | Nos. | Inches. | Nos. | Inches. |
| Southport | 43 26 | 0 | 147 1 | 0 | Coast. | 19 | 6·38 | 9 | 2·06 | 4 | 0·50 | 16 | 0·64 | 13 | 4·09 | 14 | 3·02 | 21 | 3·82 | 21 | 4·96 | 22 | 6·00 | 18 | 2·56 | 12 | 3·29 | 17 | 4·98 | 186 | 42·36 |
| Franklin | 42 58 | 0 | 147 0 | 0 | 1 | 18 | 6·58 | 11 | 1·73 | 10 | 0·66 | 11 | 0·34 | 10 | 3·91 | 18 | 2·74 | 21 | 2·67 | 21 | 3·99 | 24 | 7·29 | 18 | 2·47 | 16 | 3·14 | 22 | 6·05 | 200 | 41·17 |
| Mount Nelson | 42 55 | 0 | 147 21 | 0 | 7 | 12 | 4·38 | 10 | 1·20 | 5 | 0·45 | 5 | 0·19 | 12 | 2·77 | 12 | 1·76 | 11 | 0·42 | 17 | 3·42 | 15 | 2·10 | 12 | 1·50 | 11 | 1·44 | 20 | 4·76 | 142 | 24·33 |
| Charence Plains | 42 54 | 0 | 147 24 | 0 | 8 | 12 | 3·78 | 9 | 0·88 | 6 | 0·47 | 2 | 0·55 | 11 | 1·24 | 10 | 1·13 | 6 | 0·35 | 13 | 3·02 | 11 | 1·34 | 10 | 1·80 | 12 | 0·96 | 16 | 3·54 | 118 | 18·98 |
| Hobart | 42 53 | 0 | 147 21 | 0 | 10 | 16 | 3·50 | 12 | 1·07 | 6 | 0·36 | 6 | 0·29 | 13 | 1·76 | 16 | 1·40 | 17 | 0·68 | 17 | 3·40 | 19 | 2·67 | 13 | 1·40 | 15 | 1·09 | 21 | 3·93 | 171 | 21·65 |
| Botanical Gardens, Hobart | 42 52 | 0 | 147 20 | 0 | 12 | 15 | 3·18 | 12 | 0·78 | 4 | 0·37 | 3 | 0·19 | 12 | 1·69 | 12 | 1·23 | 12 | 0·44 | 17 | 2·73 | 18 | 2·02 | 11 | 1·02 | 11 | 0·91 | 18 | 3·46 | 145 | 18·01 |
| New Norfolk | 42 37 | 0 | 146 56 | 0 | 23 | 16 | 4·92 | 7 | 0·63 | 5 | 0·38 | 6 | 0·43 | 10 | 2·31 | 0 | 1·32 | 12 | 1·55 | 15 | 2·67 | 16 | 4·22 | 11 | 1·28 | 11 | 1·88 | 19 | 3·67 | 137 | 25·26 |
| Richmond | 42 45 | 0 | 147 30 | 0 | 18 | 15 | 2·47 | 5 | 0·63 | 7 | 0·52 | 4 | 0·14 | 13 | 1·43 | 14 | 1·62 | 8 | 0·71 | 14 | 2·90 | 14 | 1·50 | 13 | 1·87 | 11 | 0·79 | 19 | 4·73 | 138 | 19·11 |
| Carnarvon | 43 8 | 0 | 147 53 | 0 | 2 | ... | ... | — | — | — | — | 6 | 1·04 | 14 | 4·04 | 17 | 2·69 | 14 | 2·11 | 18 | 5·66 | 13 | 5·19 | 13 | 2·79 | 16 | 3·57 | 20 | 5·29 | 131 | 32·40 |
| Swansea | 42 8 | 0 | 148 7 | 0 | Coast. | ... | ... | — | — | — | — | 5 | 1·11 | 5 | 5·45 | 1 | 0·38 | 7 | 2·69 | 7 | 0·48 | 8 | 3·90 | 2 | 0·52 | 7 | 3·69 | 42 | 18·14 |
| Hamilton | 42 34 | 0 | 146 52 | 0 | 30 | 16 | 1·85 | 9 | 0·25 | 7 | 0·42 | 6 | 0·46 | 13 | 1·44 | 13 | 1·11 | 12 | 1·12 | 16 | 2·20 | 15 | 2·95 | 13 | 1·19 | 10 | 0·93 | 19 | 2·94 | 149 | 17·05 |
| Macquarie Plains | 42 35 | 0 | 147 5 | 0 | 35 | ... | 2·46 | — | 0·75 | — | 0·51 | 2 | 0·16 | 9 | 1·77 | 12 | 1·27 | 10 | 1·21 | 16 | 2·98 | 16 | 2·76 | 12 | 1·73 | 10 | 1·66 | 23 | 3·54 | — | 20·80 |
| Oatlands | 42 18 | 0 | 147 24 | 0 | 28 | 12 | 3·18 | 4 | 0·94 | 3 | 0·58 | 1 | 0·36 | 9 | 1·05 | 12 | 2·41 | 4 | 0·78 | 13 | 2·94 | 11 | 1·30 | 7 | 2·39 | 7 | 0·98 | 14 | 4·12 | 97 | 21·13 |
| Fingal | 41 40 | 0 | 147 48 | 0 | 13 | 12 | 2·80 | 4 | 0·24 | 2 | 1·38 | 4 | 0·58 | 9 | 1·16 | 13 | 4·34 | 5 | 0·75 | 12 | 2·91 | 8 | 1·24 | 10 | 2·99 | 6 | 1·16 | 15 | 2·47 | 101 | 21·92 |
| Killymoon, Fingal | 41 35 | 0 | 148 16 | 0 | 9 | 10 | 3·59 | 7 | 0·63 | 2 | 1·52 | 10 | 1·44 | 11 | 2·44 | 10 | 6·16 | 6 | 0·34 | 17 | 3·64 | 10 | 0·46 | 6 | 3·21 | 6 | 0·96 | 18 | 3·41 | 111 | 27·82 |
| Falmouth | 41 32 | 0 | 148 13 | 0 | Coast. | 9 | 2·59 | 3 | 0·45 | 4 | 1·63 | 9 | 1·86 | 9 | 1·90 | 7 | 4·97 | 4 | 0·56 | 10 | 2·20 | 4 | 0·30 | 10 | 3·64 | 4 | 0·71 | 18 | 3·68 | 91 | 29·32 |
| Gould's Country | 41 15 | 0 | 148 0 | 0 | 13 | 8 | 5·58 | 2 | 0·66 | 7 | 4·53 | 8 | 3·62 | 11 | 5·69 | 10 | 12·50 | 6 | 3·72 | 11 | 7·05 | 11 | 7·66 | 8 | 6·25 | 6 | 4·45 | — | — | 86 | 61·65 |
| Boobyalla | 40 53 | 0 | 147 56 | 0 | 1 | ... | ... | — | — | — | — | 10 | 2·54 | 13 | 3·97 | 8 | 1·20 | 13 | 2·57 | 12 | 2·08 | 7 | 2·18 | 5 | 2·14 | 9 | 2·53 | 70 | 30·26 |
| Low Head | 41 3 | 0 | 146 48 | 0 | Coast. | 9 | 1·67 | 3 | 0·19 | 3 | 1·53 | 9 | 1·63 | 15 | 2·86 | 14 | 2·95 | 11 | 1·20 | 13 | 2·49 | 14 | 3·06 | 12 | 2·67 | 7 | 2·51 | 15 | 3·19 | 126 | 27·79 |
| Launceston | 41 26 | 0 | 147 10 | 0 | 28 | 13 | 2·51 | 5 | 0·10 | 6 | 1·46 | 6 | 1·48 | 11 | 2·38 | 16 | 2·91 | 12 | 1·87 | 15 | 2·83 | 14 | 3·53 | 12 | 3·11 | 6 | 2·52 | 28 | 3·73 | 135 | 28·43 |
| Deloraine | 41 30 | 0 | 146 40 | 0 | 23 | 12 | 2·96 | 8 | 0·17 | 9 | 1·43 | 14 | 2·53 | 19 | 2·25 | 22 | 4·63 | 14 | 3·01 | 19 | 4·27 | 20 | 5·46 | 16 | 2·00 | 12 | 3·23 | 23 | 3·82 | 185 | 36·82 |
| Latrobe | 41 13 | 0 | 146 25 | 0 | 3 | 11 | 2·22 | 5 | 0·08 | 5 | 1·03 | 9 | 1·53 | 13 | 2·89 | 15 | 5·88 | 16 | 2·10 | 16 | 5·83 | 15 | 6·37 | 18 | 3·35 | 4 | 3·06 | 16 | 3·46 | 132 | 37·79 |
| Emu Bay | 41 4 | 0 | 145 56 | 0 | Coast. | 12 | 2·31 | 10 | 0·29 | 7 | 1·29 | 13 | 2·35 | 18 | 3·38 | 25 | 5·05 | 18 | 2·84 | 21 | 5·47 | 24 | 7·58 | 18 | 4·63 | 12 | 2·95 | 26 | 4·03 | 204 | 42·77 |
| Broomfield, S. Emu Bay | 41 15 | 0 | 145 46 | 0 | 15 | 8 | 2·59 | 4 | 0·32 | 7 | 1·38 | 12 | 4·92 | 16 | 4·90 | 18 | 6·00 | 16 | 3·68 | 19 | 7·82 | 20 | 9·75 | 18 | 2·67 | 8 | 2·15 | 16 | 6·07 | 154 | 52·25 |
| Mount Bischoff | 41 25 | 0 | 145 34 | 0 | 28 | 25 | 6·42 | 14 | 2·22 | 12 | 1·19 | 18 | 5·20 | 23 | 8·36 | 27 | 7·72 | 27 | 9·10 | 26 | 10·16 | 27 | 15·14 | 26 | 7·67 | 21 | 6·25 | 28 | 10·11 | 274 | 90·40 |
| Circular Head | 40 43 | 0 | 145 17 | 0 | Coast. | 16 | 1·78 | 4 | 0·19 | 9 | 0·92 | 15 | 1·78 | 18 | 2·92 | 22 | 3·12 | 21 | 3·06 | 23 | 3·98 | 23 | 3·58 | 14 | 2·53 | 12 | 1·29 | 24 | 3·78 | 196 | 27·87 |
| Corinna | 41 41 | 0 | 145 02 | 0 | Coast. | 22 | 6·79 | 12 | 3·47 | 12 | 1·37 | 16 | 4·53 | 19 | 7·43 | 19 | 7·30 | 22 | 8·30 | 22 | 8·88 | ... | Missed. | ... | 20 | 5·28 | — | 8·40 | — | — |

## TABLE OF RAINFALL AT LIGHTHOUSES FOR THE YEAR 1884.

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

| **1884.** | KING'S ISLAND. | | KENT'S GROUP. | | GOOSE ISLAND. | | SWAN ISLAND. | | SOUTH BRUNI. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* | *Wet Days.* | *Rainfall.* |
| | Nos. | Inches. | Nos. | Inches. | Nos. | Inches. | Nos. | Inches. | Nos. | Inches. |
| January | 11 | 1·55 | 7 | 2·20 | 12 | 1·51 | 8 | 1·19 | 23 | 4·38 |
| February | 8 | 0·94 | 3 | 0·70 | 5 | 0·49 | 4 | 1·40 | 13 | 2·33 |
| March | 6 | 0·67 | 6 | 2·07 | 7 | 1·90 | 4 | 1·13 | 10 | 0·64 |
| April | 16 | 1·83 | 10 | 0·94 | 12 | 1·15 | 9 | 1·30 | 12 | 0·66 |
| May | 13 | 3·11 | 16 | 3·61 | 14 | 2·55 | 10 | 3·31 | 16 | 3·96 |
| June | 21 | 4·15 | 11 | 2·55 | 13 | 3·60 | 7 | 3·37 | 19 | 2·10 |
| July | 18 | 1·97 | 13 | 1·61 | 9 | 0·73 | 5 | 1·05 | 26 | 2·77 |
| August | 18 | 2·96 | 13 | 1·64 | 18 | 2·01 | 15 | 3·01 | 19 | 4·51 |
| September | 17 | 1·61 | 14 | 2·13 | 11 | 1·12 | ... | ... | 20 | 4·58 |
| October | 14 | 2·52 | 9 | 1·98 | 12 | 1·96 | 8 | 2·23 | 18 | 2·32 |
| November | 4 | 0·81 | 5 | 1·33 | 6 | 1·84 | 6 | 2·51 | 13 | 3·13 |
| December | 16 | 2·15 | 15 | 2·49 | 15 | 1·52 | 13 | 2·02 | 24 | 5·47 |
| TOTAL | 150 | 25·27 | 122 | 22·85 | 134 | 19·78 | ... | ... | 207 | 36·79 |

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