

(No. 41.)



1899.

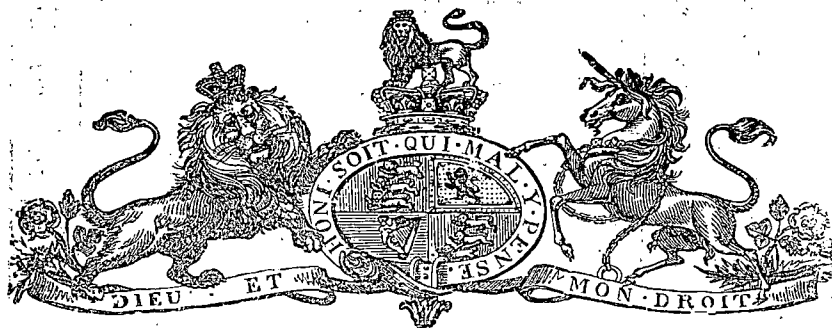
PARLIAMENT OF TASMANIA.

METEOROLOGICAL DEPARTMENT:

REPORT FOR 1898.

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

Cost of printing—£6 10s. 3d.



REPORT OF THE GOVERNMENT METEOROLOGIST FOR THE YEAR 1898.

Hobart, 3rd July, 1899.

SIR,

I HAVE the honour to submit the Annual Report of the Meteorological Department for the Year 1898, with Tables of Observations descriptive of the climate of Tasmania.

There are at present 10 stations furnishing, by telegraph, daily reports at 9 A.M., and 4 of these, namely, Low Head, Stanley, Strahan, and Southport, also furnish reports at 3 P.M. for the convenience of the shipping.

A number of new observers having volunteered their services, rain-gauges were supplied to them so as to enable them to begin a record for 1899.

During 1898, 56 observers recorded the rainfall regularly. Imperfect records are not given in the Report. On the whole there is a gratifying increase of interest shown in the work, and punctuality in the returns by the observers.

Observations were taken on Mount Wellington by a resident observer from December 16th, 1897, to April 11th, 1898. These have been tabulated and submitted to eminent Meteorologists for comparison with the simultaneous observations taken on Mount Kosciusko. The results are not yet to hand.

The President of the Royal Meteorological Society in England, who is engaged in the preparation of a Climatological Atlas of the World, has applied for information to enable him to prepare the Tasmanian portion of the Atlas. There is reason to believe that this portion could be obtained in a separate form by timely application.

I have the honour to be,

Sir,

Your obedient Servant,

H. C. KINGSMILL, *Government Meteorologist.*

To the Honourable the Chief Secretary.

METEOROLOGY.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT HOBART FOR 1898.

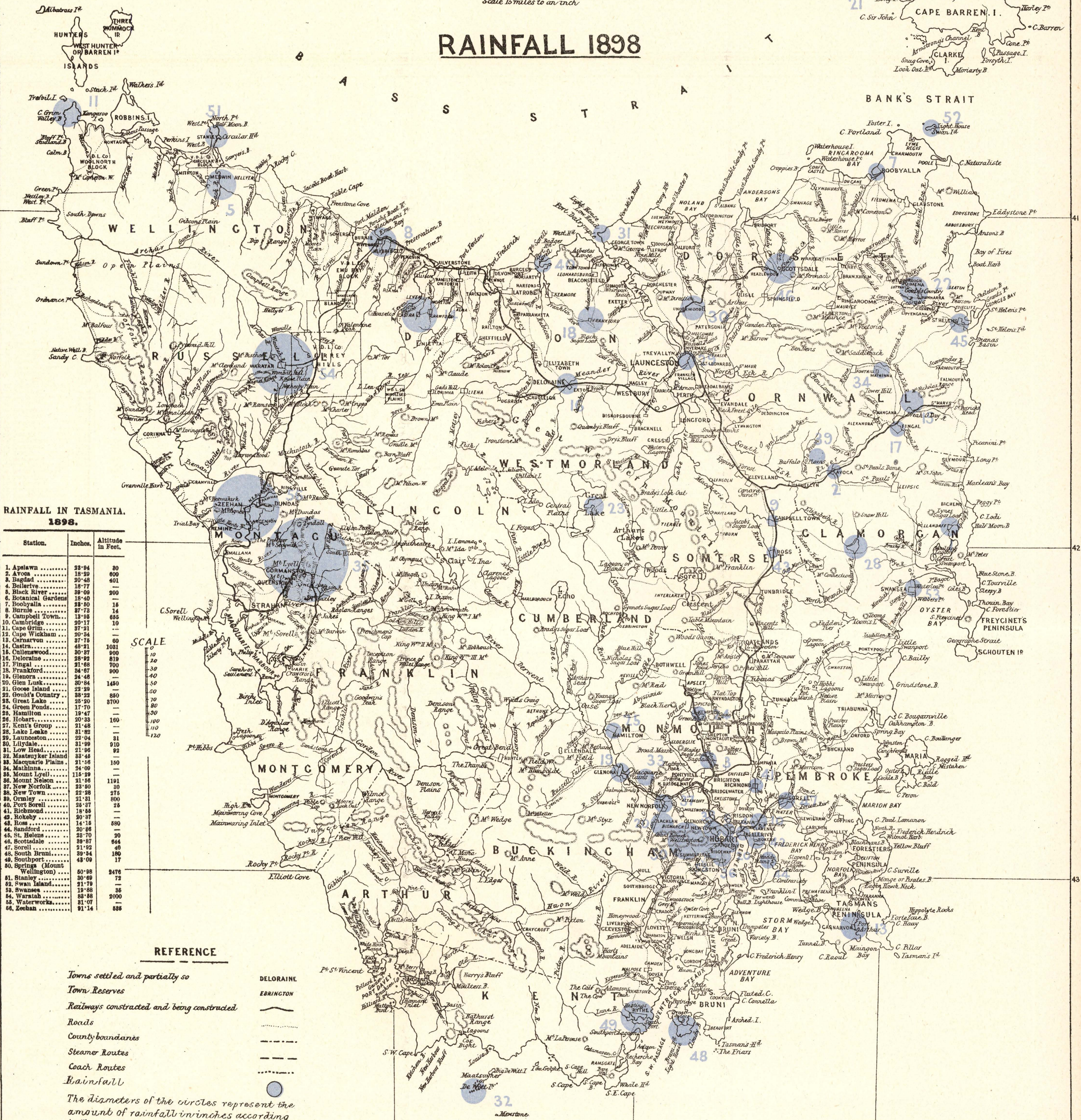
Latitude, 42° 53' 28.3" S.; Longitude, 147° 19' 45" E. Height of Observatory above Sea Level, 160 feet. Barometer corrected to 32° Fahrenheit, and reduced to Sea Level.

YEAR.	MEANS, 9 A.M.					SHADE TEMPERATURE.							RADIATION.		WIND.		CLOUD.	RAINFALL.	
1898.	Barometer.	Temperature.	Humidity (saturation =100).	Dew Point.	Pressure of Vapour.	Means.			Mean.	Extremes.			Solar Maximum.	Terrestrial Min.	Direction.	Force (0-12).	Amount (0-10).	Amount.	Days Rain fell.
						Max.	Min.	Range.		Max.	Min.	Range.							
	Inches.	°	%.	°		°	°	°	°	°	°								
January	29.838	63.2	58	48.4	.340	72.1	53.3	18.8	62.7	87.2	42.3	45.2	145.0	31.5	N.W. and N.N.W.	2.0	5.6	1.235	9
February	29.991	64.8	61	51.4	.472	73.8	53.8	20.0	63.8	102.2	42.0	60.2	165.0	39.0	N.N.W.	1.5	5.4	0.184	4
March	29.962	60.3	66	48.6	.343	70.1	52.1	18.0	61.1	87.2	41.5	45.7	142.0	32.5	N.N.W.	2.5	6.5	1.510	7
April	29.912	54.4	71	45.6	.306	61.7	48.4	13.3	55.0	75.4	40.5	34.9	124.0	30.0	N.N.W. and N.W.	1.6	6.0	1.681	15
May	30.150	46.9	83	42.1	.268	53.9	42.0	11.9	47.9	61.0	34.1	26.9	116.6	27.0	N.W. and N.N.W.	1.4	7.3	1.689	18
June	30.090	44.9	82	40.1	.248	52.1	41.0	11.1	46.5	61.2	33.6	27.6	103.0	22.1	N.W.	1.2	6.2	1.429	12
July	29.854	46.1	78	39.5	.242	53.1	41.8	11.3	47.5	65.4	34.5	30.9	109.0	24.7	N.W.	1.5	6.2	2.790	19
August	30.139	48.5	79	42.3	.270	57.5	42.7	14.8	50.1	68.7	38.7	30.0	123.0	26.0	N.N.W.	1.2	5.6	1.115	11
September	29.802	52.6	74	44.5	.294	60.3	45.1	15.2	52.7	71.0	35.8	35.2	126.5	30.8	N.W.	1.9	6.9	1.944	15
October	29.716	56.0	67	44.7	.296	63.8	47.0	16.8	55.4	80.9	39.7	41.2	134.3	25.0	N.W.	1.4	6.8	3.338	19
November	29.514	57.6	62	44.5	.294	63.2	47.6	15.6	55.4	73.0	43.0	30.0	137.0	33.8	N.N.W.	2.1	6.8	2.741	22
December	29.777	62.6	60	48.8	.345	70.1	50.5	19.6	60.3	97.7	42.3	55.4	146.0	34.3	N.N.W.	1.5	5.4	0.748	13
MEANS AND TOTALS...	29.895	54.8	70	45.0	.310	62.6	47.1	15.5	54.9	...	...	...	...	...	N.N.W. and N.W.	1.7	6.2	TOTAL 20.404	TOTAL 164
EXTREMES	...	...	...	...	...	...	...	...	...	Feb. 24, 102.2	June 21, 33.6	...	Feb. 24, 165.0	June 21, 22.1	...	...	...	...	...

TASMANIA

Scale 15 miles to an inch

RAINFALL 1898



SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT LAUNCESTON FOR 1898.

Latitude, 41° 26' 1", S.; Longitude, 147° 7' 49·5", E. Height above Sea Level, 25 feet. Barometer corrected to 32° Fahrenheit and reduced to Sea Level.

MONTH.	9 A.M. MEANS.					SHADE THERMOMETER.							RADIATION.		WIND.		CLOUD.	RAINFALL.	
	Barometer.	Temperature.	Humidity, (saturation=100.)	Dew Point.	Elastic Force of Vapour.	Means.				Extremes.			Solar Maximum.	Terrestrial Minimum.	Direction.	Force (0-12).	Amount (0-10).	Amount.	Days rain fell.
						Max.	Min.	Range.	Mean.	Max.	Min.	Range.							
January	Inches. 29·859	° 66·4	% 60	° 51·9	 ·386	° 78·2	° 52·1	° 26·1	° 65·2	° 93·0	° 41·0	° 52·0	° 150·0	° 32·0	S.	2·9	2·4	0·630	4
February	29·961	66·5	63	53·2	·486	82·1	54·0	28·1	68·1	95·0	43·0	52·0	150·0	30·0	S.	1·8	2·2	0·010	1
March	29·956	61·7	66	50·0	·361	73·7	50·3	23·4	62·0	83·0	36·0	47·0	141·0	26·0	N. & N.W.	2·0	2·8	0·325	4
April	29·922	54·7	76	47·8	·333	64·5	45·5	19·0	55·0	75·0	33·0	42·0	128·0	25·0	N. & N.W.	2·4	4·7	2·320	11
May	30·161	44·4	84	39·6	·243	57·0	37·9	19·1	47·5	62·0	27·0	35·0	122·0	22·0	S.	1·1	3·4	0·020	1
June	30·095	42·1	92	40·0	·247	55·4	36·6	18·8	46·0	63·0	28·0	35·0	112·0	21·0	N.	0·9	4·0	3·405	12
July	29·893	43·2	91	40·6	·253	54·0	37·9	16·1	46·0	60·0	29·0	31·0	109·0	22·0	W. & N.	1·1	4·5	2·535	15
August	30·215	45·6	90	42·4	·271	57·7	39·5	18·2	48·6	66·0	31·0	35·0	119·0	25·0	N.	1·6	3·7	2·110	13
September	29·841	51·3	80	45·3	·303	58·9	42·7	16·2	50·8	67·0	29·0	38·0	129·0	26·0	W.	2·9	5·9	3·025	17
October	29·750	56·1	72	47·3	·327	64·5	44·4	20·1	54·5	75·0	34·0	41·0	140·0	27·0	W.	2·4	4·7	2·665	13
November	29·606	57·4	66	46·0	·311	63·6	46·0	17·6	51·8	73·0	38·0	35·0	141·0	30·0	N.W. & W.	3·2	6·6	4·385	18
December	29·891	63·9	60	50·0	·361	73·9	47·6	26·3	60·7	90·0	38·0	52·0	147·0	26·0	W.	1·6	3·5	0·490	6
MEANS AND TOTALS	29·929	54·4	75	46·2	·324	65·3	44·5	20·8	54·9	...	...	41·2	...	...	N. & W.	2·0	4·0	22·52	115
EXTREMES	...	...	...	...	...	...	...	...	...	95·0 on 2nd Feb.	27·0 on 25th May.	...	150 on 1st and 12th Jan, and 16th Feb.	21·0 on 7th June.					

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT DIFFERENT STATIONS FOR 1898.

Barometer corrected to 32° Fahrenheit, and reduced to Sea Level.

STATIONS.	MEANS 9 A.M.					SHADE TEMPERATURE.							WIND.		CLOUD.	RAINFALL.	
	Barometer.	Temperature.	Humidity (saturation=100).	Dew Point.	Pressure of Vapour.	Means.				Extremes.			Direction.	Force (1 to 12).	Amount (1 to 10).	Amount.	Wet Days.
						Max.	Min.	Range.	Mean.	Max.	Min.	Range.					
Hobart	29·895	54·8	70	45·0	·310	62·6	47·1	15·5	54·9	102·2	33·6	68·6	N.N.W., & N.W.	1·7	6·2	20·404	164
Southport	29·916	54·0	82	48·6	·348	61·0	44·5	16·5	52·8	102·0	29·0	73·0	W. & N.W.	2·3	5·4	43·489	190
Stanley	29·974	55·5	79	48·7	·347	61·3	49·2	12·1	55·3	80·5	35·5	45·0	S.W., & E.	3·4	6·4	30·648	193
Low Head	29·952	55·1	76	47·4	·331	60·9	48·4	12·5	54·6	80·2	33·0	47·2	W. & S.E.	4·0	4·2	21·953	132
Launceston	29·929	54·4	75	46·2	·324	65·3	44·5	20·8	54·9	95·0	27·0	68·0	N. & W.	2·0	4·0	22·520	115
Swansea	29·901	54·2	71	44·7	·299	64·3	45·3	19·0	54·8	95·0	29·0	66·0	W. & N.	2·1	3·4	19·880	90

MEAN TEMPERATURE OF AIR AT DIFFERENT STATIONS FOR EACH MONTH OF THE YEAR 1898.

Thermometer Results.

Months.	Hobart.	Southport.	Stanley.	Low Head.	Launceston.	Swansea.
January	63·2	60·7	63·0	63·2	66·4	63·3
February	64·8	62·3	64·8	65·8	66·5	63·6
March	60·3	58·7	60·8	61·2	61·7	60·8
April	54·4	53·4	55·9	56·8	54·7	55·7
May	46·9	48·0	49·5	48·1	44·4	45·5
June	44·9	45·7	50·0	47·0	42·1	43·6
July	46·1	46·0	48·2	47·9	43·2	44·7
August	48·5	49·2	49·9	47·9	45·6	46·4
September	52·6	51·8	51·7	51·5	51·3	51·8
October	56·0	55·4	56·0	54·5	56·1	54·8
November	57·6	56·6	55·8	55·5	57·4	58·4
December	62·6	60·4	60·5	61·3	63·9	61·8
MEAN	54·8	54·0	55·5	55·1	54·4	54·2

MEAN AND EXTREME RESULTS FOR THE YEAR 1898.
From Observations taken at Hobart.

<i>Barometer</i> (corrected to 32° Fahrenheit, and reduced to Sea Level)—	
Highest reading	30·673 inches on 21st February.
Lowest ditto.....	28·839 " on 27th July.
Range for year	1·834 "
<i>Thermometer</i> —	
Radiation, Solar, maximum	165° on 24th February.
Maximum in shade	102° on 24th February.
Minimum ditto	34° on 21st June.
Range for year	68°.
Highest mean temperature for one month.....	64·8° in February.
Lowest ditto ditto	44·9° in June.
<i>Humidity</i> —	
Highest mean for one month (saturation = 100).....	83% in May.
Mean for one year	70%.
<i>Condensation</i> —	
Total for year	20·40 inches.
Total number of rainy days	164.
Maximum fall for one month	3·34 inches in October.
Minimum ditto	0·18 inches in February.
Maximum fall in 24 hours.....	1·060 inches on 1st March.

MEAN AND EXTREME RESULTS FROM 1885 TO 1894 AND 1898, INCLUSIVE.
From Observations taken at Hobart.

	1885.	1886.	1887.	1888.	1889.	1890.	1893.	1894.	1898.
<i>Barometer</i> —									
Highest reading	30·552	30·720	30·580	30·600	30·686	30·544	30·612	30·570	30·673
Lowest ditto	28·902	28·760	28·943	29·080	28·930	28·963	29·014	28·810	28·839
Range for the year	1·650	1·960	1·647	1·520	1·756	1·581	1·598	1·760	1·834
<i>Thermometer</i> —									
Radiation, Solar, maximum	153·0	160·0	155·0	152·0	148·0	146·0	154·0	152·0	165·0
Ditto, Terrestrial, minimum	22·5	18·7	21·0	23·5	25·0	26·5	—	—	—
Maximum in the shade.....	91·0	100·2	103·5	98·0	96·3	97·8	94·0	89·0	102·0
Minimum ditto.....	29·5	29·5	30·5	29·2	32·0	31·8	34·0	35·0	34·0
Range for the year.....	61·5	70·7	73·0	68·8	64·3	66·0	60·0	54·0	68·0
Highest mean daily reading for one month	63·8	63·8	66·0	62·5	63·3	65·6	62·17	61·8	64·8
Lowest ditto, ditto	44·2	45·8	46·6	45·0	47·3	44·6	46·19	47·1	44·9
<i>Humidity</i> —									
Mean maximum for one month (saturation = 100).....	·88	·88	·90	·88	·90	·92	·81	·80	·83
Mean for the year.....	·79	·78	·80	·76	·76	·78	·71	·72	·70
<i>Condensation</i> —									
Total for the year	28·29	21·39	24·21	18·45	30·80	27·51	27·49	27·39	20·40
Total Number of Rainy Days.....	176	189	174	151	180	173	146	151	164
Maximum fall for one month	7·39	2·88	3·65	3·05	8·15	5·37	5·91	4·72	3·34
Minimum ditto.....	0·78	0·28	0·58	0·20	0·72	0·74	0·20	0·62	0·18
Maximum fall in 24 hours	3·70	1·56	1·03	0·84	4·11	2·28	1·47	1·14	1·06

RAINFALL IN TASMANIA DURING THE YEAR 1898, SHOWING

STATIONS.	OBSERVER.	Height above Sea Level.	January.		February.		March.		April.		May.	
			Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.
		Feet.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.
Apslawn	J. Lyne	30	0.15	2	0.75	6	0.80	7	0.4	4	4.76	13
Avoca	T. W. Brockett	600	0.37	3	0.02	1	0.45	7	1.44	8	1.48	10
Bagdad	J. T. Eddington	401	0.83	5	0.40	4	1.03	6	1.93	11	2.38	14
Bellerive	Dr. Holden	...	0.65	6	0.10	4	2.10	6	1.73	9	1.83	13
Black River	S. J. Anderson	200	1.12	3	0.41	2	0.39	4	4.73	22	1.39	8
Botanical Gardens	F. Abbott	...	0.66	5	0.13	3	1.81	5	1.69	11	1.89	15
Boobyalla	Miss A. M. Lyall	15	0.00	0	0.00	0	0.74	7	1.71	11	3.59	12
Burnie	R. S. Sanderson	14	1.32	5	0.92	5	0.33	7	3.53	16	0.69	4
Campbell Town	Rev. T. McDowell	655	0.44	2	0.00	0	0.16	4	1.88	8	0.82	7
Cambridge	D. C. Lewis	10	0.44	2	0.00	0	1.57	3	1.49	4	5.88	10
Cape Grim	J. Wilson	...	0.85	7	0.21	3	1.22	6	4.43	22	3.19	11
Cape Wickham	G. Johnston	...	0.35	3	2.56	4	0.07	2	1.73	10	1.50	6
Carnarvon	C. A. Wellard	60	1.73	5	0.50	3	3.27	8	3.18	12	3.22	12
Castra	Col. Crawford	1031	0.78	5	0.55	5	0.65	9	3.36	14	1.22	6
Cullenswood	Col. Legge	900	0.18	4	0.47	6	0.32	6	0.75	6	5.52	16
Deloraine	J. Graham	819	0.79	7	0.23	2	0.35	5	2.12	14	0.20	3
Fingal	H. Lyne	700	0.10	2	0.31	2	0.26	8	0.91	7	3.88	13
Frankford	A. Pritchard	900	1.17	3	0.33	2	0.17	2	3.87	9	0.63	3
Glenora	W. E. Shoobridge	...	1.25	7	0.44	3	1.09	7	2.59	14	1.42	9
Glen Lusk	G. A. Waller	1450	1.28	6	0.28	3	1.69	5	2.51	12	2.75	9
Goose Island	C. Whitehouse	...	0.30	2	0.45	1	1.84	3	1.63	11	2.90	9
Gould's Country	Miss J. Johnston	850	0.46	2	1.04	4	0.72	5	1.16	5	4.84	9
Great Lake	T. Early	3700	0.97	7	0.32	3	1.29	12	2.21	17	2.55	22
Green Ponds	Miss J. Forsyth	...	0.75	4	0.28	3	0.83	7	1.46	11	2.96	15
Hamilton	W. G. Brown	...	1.00	7	0.24	2	0.78	9	2.00	12	1.02	18
Hobart	H. C. Kingsmill	160	0.87	8	0.25	4	1.51	6	1.68	14	1.78	16
Kent's Group	C. Brown	...	0.42	4	0.45	1	0.54	4	1.67	9	3.25	13
Lake Leake	T. Spencer	...	0.85	3	0.13	1	1.01	5	2.33	7	5.65	10
Launceston	T. Clements	31	0.63	4	0.01	1	0.32	3	2.32	11	0.02	1
Lilydale	W. J. Arnold	910	0.68	3	0.14	2	0.86	4	3.24	9	0.33	1
Low Head	A. Rockwell	92	0.55	4	0.17	1	1.27	6	2.05	14	0.72	6
Maatsuyker Island	W. Jacques	...	1.33	9	0.68	3	1.56	15	4.26	22	1.97	18
Macquarie Plains	E. Dean	150	1.13	7	0.26	2	1.15	3	2.23	11	1.38	5
Mathinna	M. Palk	...	0.55	3	0.00	0	0.83	8	0.80	3	4.52	5
Mount Lyell	P. E. Kaeppel	...	7.38	9	1.56	5	9.38	14	14.62	24	5.68	15
Mount Nelson	W. Duffy	1191	0.72	3	0.21	2	1.84	3	2.12	5	2.23	14
New Norfolk	R. W. G. Shoobridge	30	1.36	6	0.31	3	1.13	6	2.57	8	1.54	11
New Town	F. J. Young	275	1.01	6	0.26	4	1.85	8	1.89	14	2.28	17
Ormsley	S. Grueber	800	0.34	2	0.00	0	0.42	4	1.00	5	3.19	10
Port Screll	Major Dumbleton	25	0.44	3	0.16	2	0.34	5	3.08	12	0.67	5
Richmond	A. J. Ogilvy	...	0.50	3	0.04	3	1.86	6	1.51	12	2.69	16
Rokeby (Clarence Plns.)	Mrs. Percy	...	0.69	4	0.13	2	1.65	8	1.05	7	3.41	12
Ross	T. Parramore	530	0.25	2	0.13	2	0.99	3	2.41	9	0.66	10
Sandford	W. L. May	...	0.48	3	0.03	2	1.44	7	2.06	7	3.28	11
St. Helen's	H. Grant	20	0.17	2	0.63	4	0.21	2	0.54	7	4.42	14
Scottsdale	R. Winter	644	0.96	2	0.71	2	1.32	7	4.51	13	0.99	4
Sorell	G. H. Read	40	0.47	3	0.04	1	2.35	7	1.87	8	2.60	16
South Brun	W. Hawkins	180	1.54	11	0.45	4	2.97	13	4.51	19	4.08	21
Southport	Mrs. Ransom	17	1.45	10	0.62	2	1.78	11	3.63	16	4.05	21
Springs (Mt. Wellington)	Miss Gadd	2476	0.81	5	0.68	6	3.10	9	2.92	15	5.89	20
Stanley	H. G. Spicer	72	0.59	9	0.38	4	0.38	7	3.34	21	1.86	12
Swan Island	R. Roberts	...	1.30	4	0.29	1	0.97	4	1.58	8	4.41	11
Swansea	A. W. Smith	35	0.88	2	0.23	3	0.60	4	1.02	6	2.69	15
Waratah	J. Warburton	2000	4.09	8	0.65	1	3.22	9	10.40	20	2.63	8
Waterworks	M. Brazzill	...	1.55	8	0.49	4	1.84	8	1.98	13	3.34	15
Zeehan	R. F. Waller	535	5.52	12	1.38	7	4.82	15	11.98	26	4.88	14

THE NUMBER OF DAYS RAIN FELL AND THE AMOUNT OF RAIN.

June.		July.		August.		September.		October.		November.		December.		TOTAL.	
Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.	Rainfall.	Wet Days.
Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.
2.77	8	5.00	10	2.87	6	1.42	9	1.63	8	1.47	9	1.58	6	23.94	88
1.52	10	3.71	10	2.23	8	1.56	13	1.74	12	3.16	18	0.61	6	18.29	106
1.69	11	3.44	19	0.60	9	1.82	14	1.90	14	3.52	25	0.94	9	20.48	141
1.80	10	2.08	15	0.97	11	1.62	14	2.58	15	2.36	19	0.90	10	18.77	132
5.06	13	6.94	20	2.58	11	7.37	21	1.04	8	7.56	24	0.50	4	39.09	140
1.55	8	2.05	20	0.96	10	1.82	11	2.35	13	2.65	16	0.84	10	18.40	127
3.21	10	3.03	13	2.77	12	2.96	15	2.33	5	2.83	15	0.33	3	23.50	103
5.37	15	6.74	22	3.36	15	5.94	20	2.36	12	6.64	25	0.54	7	37.73	153
1.30	9	1.65	9	0.81	8	1.50	11	1.32	8	3.10	16	0.97	5	13.95	87
1.03	2	1.96	5	0.62	4	1.26	5	2.66	7	1.81	6	1.45	6	20.17	54
4.53	17	5.79	26	2.34	21	5.45	22	2.01	11	5.43	24	1.76	6	37.21	176
3.47	9	2.87	13	1.22	7	1.94	8	1.25	5	2.62	9	0.76	3	20.34	79
4.06	9	4.80	15	4.63	14	3.16	13	3.54	11	3.54	12	2.12	8	37.75	122
8.86	17	7.73	23	3.95	16	8.87	20	3.26	14	7.76	25	1.23	12	48.21	166
2.80	12	9.23	13	5.80	11	1.81	8	1.48	11	1.68	...	0.34	3	30.37	104
4.40	13	5.18	19	2.70	14	4.14	17	1.55	11	6.82	18	0.44	6	28.92	129
1.79	11	4.81	9	3.93	11	1.11	11	1.44	13	2.27	13	0.78	5	21.68	105
5.41	12	5.76	11	3.38	7	4.72	14	2.97	8	5.78	17	0.48	3	34.67	91
1.43	9	2.63	17	1.95	9	3.06	18	2.50	11	5.02	27	1.10	9	24.48	140
2.17	9	4.15	17	2.08	8	3.18	17	4.07	15	5.49	24	1.19	8	30.84	133
4.16	12	3.45	15	1.58	11	1.80	15	1.61	9	2.06	18	0.51	7	22.29	113
4.70	13	4.57	9	9.18	11	2.54	10	3.69	9	4.07	14	1.25	5	38.22	96
2.29	18	4.24	24	2.04	18	2.22	21	2.28	13	4.08	19	0.71	9	25.20	183
1.07	10	2.45	18	0.97	11	1.50	10	2.01	14	2.65	19	0.77	8	17.70	127
1.33	14	2.11	21	1.96	19	2.74	17	2.18	15	3.71	27	0.41	10	19.47	164
1.43	11	2.79	19	1.37	11	1.94	15	3.34	20	2.62	23	0.75	13	20.33	160
3.05	14	3.29	17	2.38	9	1.92	12	1.12	6	2.53	17	0.83	3	21.48	109
2.00	7	6.00	11	3.98	8	2.46	10	2.64	8	3.52	10	1.25	3	31.82	83
3.40	12	2.54	15	2.11	13	3.16	17	2.66	13	4.39	18	0.40	6	22.04	114
5.41	10	5.66	11	2.52	7	4.34	13	3.28	11	4.99	16	0.54	3	31.99	90
3.77	14	3.09	20	1.75	13	3.05	17	1.84	14	3.47	18	0.22	5	21.96	122
2.68	14	3.73	23	2.80	17	4.45	21	3.95	21	4.63	23	1.41	9	33.45	195
1.29	6	2.65	14	1.48	9	2.38	14	2.38	10	4.28	19	0.95	5	21.56	105
2.40	12	1.34	7	7.04	11	1.53	11	1.74	11	2.76	14	0.58	2	24.09	87
7.84	19	17.69	22	6.54	19	15.05	23	6.98	20	18.70	27	3.87	11	115.29	208
2.27	6	2.36	15	0.77	7	2.09	13	3.28	13	2.66	16	1.01	11	21.66	103
1.70	12	3.07	16	1.47	8	2.56	15	2.78	14	4.42	23	0.59	6	23.50	123
1.72	14	2.69	21	1.19	12	2.22	16	3.06	17	3.31	25	0.80	12	22.28	163
1.93	8	4.53	9	3.83	8	1.47	11	1.66	9	2.31	14	0.63	6	21.31	85
5.18	15	3.09	17	2.62	11	3.32	15	2.41	12	3.87	19	0.19	4	25.37	120
1.06	13	2.85	17	0.77	10	1.42	13	2.00	14	2.47	20	1.38	11	18.55	138
1.75	12	1.99	11	0.87	13	1.58	15	3.81	12	2.48	20	0.96	9	20.37	125
1.14	11	1.70	13	1.10	10	1.33	10	1.45	10	2.47	14	0.52	4	14.15	98
1.58	9	2.35	12	1.17	6	1.53	9	3.33	11	2.24	14	1.37	9	20.86	100
2.64	13	5.05	11	4.51	9	1.32	10	1.72	12	2.16	14	0.33	2	23.70	100
5.91	12	6.96	19	2.68	12	5.27	16	4.41	13	5.62	22	0.53	6	39.87	128
1.21	9	3.09	18	1.72	12	1.42	15	2.47	14	2.11	21	2.57	11	21.92	135
3.09	16	5.61	24	2.62	14	4.67	22	4.60	17	3.64	25	1.67	14	39.54	200
3.92	15	6.45	24	3.04	19	4.01	22	4.17	14	6.88	26	2.18	10	43.09	180
5.70	19	8.09	22	4.03	14	5.20	18	6.41	18	6.07	27	2.08	13	50.98	186
4.76	17	4.73	27	2.16	19	4.09	24	1.58	17	6.06	27	0.76	10	30.69	194
3.56	16	2.79	15	1.00	5	2.04	11	1.36	7	1.95	10	0.54	5	21.79	97
1.80	7	4.10	10	2.53	4	1.53	9	1.58	11	1.81	12	1.11	7	19.83	90
8.47	15	12.28	26	6.02	18	13.86	24	4.82	17	15.03	28	2.11	10	83.58	184
2.18	13	4.41	23	1.43	15	3.51	20	4.54	20	4.38	29	1.42	17	31.07	185
7.09	18	12.82	24	5.69	18	12.18	23	5.24	18	15.77	29	3.77	12	91.14	219

MEAN Resultants of Meteorological Observations taken at HOBART from 1841 to 1879, inclusive.

	BAROMETER.	THERMOMETER.				HUMIDITY OF AIR.			CONDENSATION.		OZONE.	WIND.	
	At Temperature 32°.	Mean Temperature.	Mean Diurnal Range.	Mean Solar Intensity.	Mean Terrestrial Radiation.	Dew Point, Mean Position.	Humidity of Air.	Elastic Force of Vapour.	Rainfall.	No. of Days on which Rain fell.	Mean Daily Amount.	Prevailing Direction.	Force.
	Inches.	°	°.	°	°	°	Per cent.	Per 1000.	Inches.		Chro. Scale.		lbs. per sq. ft.
January	29·770	63·22	21·04	107·48	48·50	50·54	·67	·375	1·45	8·50	6·05	N.W., S.E.	66·06
February	29·856	62·55	20·47	107·06	47·91	50·58	·69	·378	1·54	7·29	6·21	N.W., S.E.	55·44
March	29·896	60·20	20·22	103·13	46·65	49·32	·70	·360	1·55	9·24	6·25	N.W., S.E.	53·65
April	29·922	55·68	17·92	90·97	42·60	47·35	·76	·332	1·78	10·70	6·63	N.W., S.E.	53·22
May	29·891	50·76	16·00	81·47	39·06	44·07	·80	·305	1·84	13·20	6·40	N.W.	41·36
June	29·894	47·48	15·56	75·66	36·35	41·92	·83	·272	1·98	12·14	6·15	N.W.	32·58
July	29·887	45·95	15·56	76·21	34·82	40·10	·81	·258	2·20	13·67	6·48	N.W.	36·52
August	29·824	48·97	17·03	82·52	35·68	40·76	·80	·269	1·86	13·20	6·06	N.W.	49·50
September	29·778	51·86	18·03	85·27	37·98	42·28	·74	·280	2·14	14·50	7·36	N.W., S.E.	78·60
October	29·788	55·01	19·32	96·43	41·42	44·71	·72	·304	2·05	14·67	7·20	N.W., S.E.	110·42
November	29·991	57·78	19·31	100·09	44·17	46·66	·70	·325	2·87	14·24	7·01	N.W., S.E.	101·33
December	29·696	61·69	20·32	105·14	45·83	49·14	·67	·362	1·67	12·00	6·37	N.W., S.E.	92·37
SUM OF ALL THE MEANS...	358·193	661·15	220·78	1111·43	500·97	547·43	8·89	3·820	22·93	143·35	79·07	...	771·05
MEAN FOR 35 YEARS	...	...	18·40	*92·62	*41·75	45·62	...	·318	...	†11·95	...	N.W., S.E.	64·25
MEAN FOR 39 YEARS	29·849	55·10	...	...	...	...	·74	...	1·91	...	16·59	...	...

* The Solar Intensity and the Terrestrial Radiation is for 24 years only (1856 to 1879).

† The Number of Days on which Rain fell is for 25 years (1855 to 1879).

‡ The Mean Daily Amount of Ozone is for 23 years (1857 to 1879).

[Results as observed and tabulated by the late Francis Abbott, F.R.A.S., F.R.M.S.]