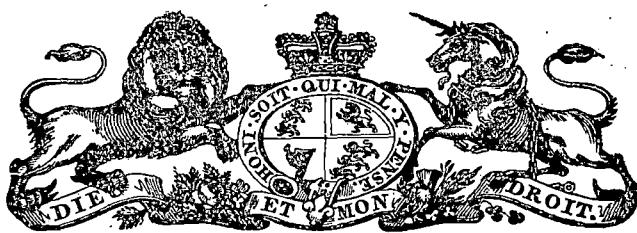


(No. 39)



1901.

PARLIAMENT OF TASMANIA.

METEOROLOGICAL DEPARTMENT:

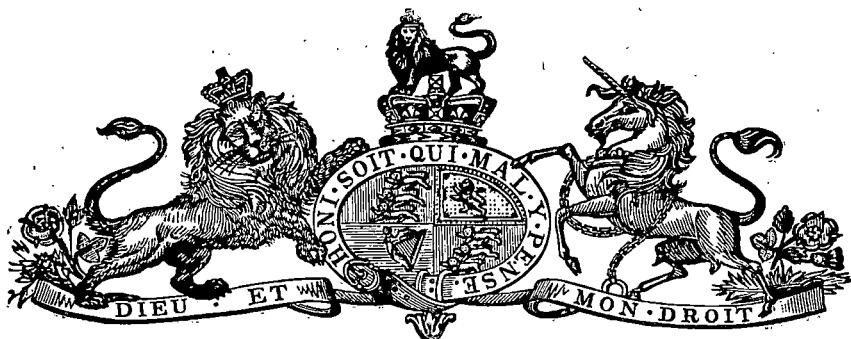
REPORT FOR 1900.

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

Cost of Printing—£15 12s. 6d.

C O N T E N T S.

1. Report.
2. Table of Observations taken at Hobart.
3. " " " Launceston.
4. " " " Low Head.
5. " " " Stanley.
6. " " " Southport.
7. " " " Swansea.
8. " " " Springs.
9. " " " Oatlands.
10. " " " Waratah.
11. " " " Cape Sorell.
12. Summary of Observations taken at above Stations.
13. Mean temperature of Air at above Stations for each month.
14. Mean and extreme Results at Hobart for 1900.
15. " " " " from 1884 to 1891, and 1893 to 1900.
16. Rainfall in Tasmania.
17. Mean Results of Observations taken at Hobart from 1841 to 1879.
18. Rainfall Map.



REPORT OF THE GOVERNMENT METEOROLOGIST FOR THE YEAR 1900.

The Observatory, Hobart, 18th July, 1901.

SIR,

I HAVE the honour to submit the Annual Report of the Meteorological Department for the Year 1900, with Tables of Observations. These include Climatological Tables for ten principal stations, and a Rainfall Table containing the records of eighty stations, being an increase of thirteen stations over that of 1899. A map is attached, in which the rainfall for each station is indicated by a circle the diameter of which represents the Rainfall in inches, on the scale of 120 to the inch.

Owing to the interest shown by the public in the Rainfall Returns, it has been found advisable to publish them monthly.

The majority of observers have been punctual, and accurate in their reports.

On my return from a lengthened absence on leave, I found that Col. Cruickshank had maintained the organisation of the Department in excellent working order, and that Mr. MacDonald had performed his duties of Assistant faithfully.

I have the honour to be,

Sir,

Your obedient Servant,

H. C. KINGSMILL, *Government Meteorologist.*

To the Honourable the Chief Secretary, Hobart.

METEOROLOGY.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT HOBART FOR 1900.

Latitude, 42° 53' S.; Longitude, 147° 20' 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.					
	Barometer	Temperature.	Humidity (saturation = 100).			Means.														
			Max.	Min.	Range.	Max.	Min.	Range.	Solar Maximum.	Terrestrial Min.	Direction.									
1900.																				
January	29.857	66.0	66	54.0	·418	70.7	54.0	16.7	62.3	105.0	46.0	59.0	152.0	36.5	N.N.W., and N.W.	1.35	6.22	1.59	11	
February	29.898	63.4	66	51.3	·378	73.8	51.1	22.7	62.4	97.5	44.0	53.5	147.0	35.5	N.N.W.	1.32	4.57	0.50	7	
March	29.926	59.2	66	48.0	·335	69.9	50.6	19.3	60.2	83.5	41.2	42.3	125.0	33.1	N.N.W., and N.W.	1.32	7.00	0.51	7	
April	30.008	51.9	79	45.6	·306	61.7	45.5	16.2	53.6	75.2	37.5	37.7	124.7	31.2	N.W., and N.N.W.	1.30	6.32	3.02	13	
May	30.125	48.2	78	41.7	·264	57.3	42.3	15.0	49.8	66.7	36.0	30.7	116.0	16.0	N.N.W., and N.W.	1.30	4.86	0.99	8	
June	29.925	45.1	83	40.1	·248	55.7	40.4	15.3	48.0	66.0	31.7	34.3	115.0	23.2	N.N.W., N.W., and N.	1.26	6.16	1.21	19	
July	29.919	44.2	81	38.7	·235	50.9	39.8	11.1	45.3	63.5	31.5	32.0	116.8	22.5	N.N.W., and N.W.	1.64	5.97	2.83	16	
August	29.697	44.5	81	39.0	·238	53.1	39.5	13.6	46.3	58.9	34.5	24.4	116.5	24.1	N.N.W., and N.W.	1.22	6.00	1.75	17	
September	30.004	50.8	76	43.6	·284	58.0	43.6	14.4	50.8	66.0	34.7	31.3	128.0	24.7	N.W., and N.N.W.	1.16	5.16	0.74	5	
October	29.728	54.9	65	43.5	·283	62.7	45.0	17.7	53.8	77.1	33.1	44.0	142.0	27.0	N.W., and N.N.W.	2.29	5.87	2.69	17	
November	29.879	60.3	62	47.1	·324	67.9	46.9	21.0	57.4	87.5	37.0	50.5	140.0	27.4	N.N.W., and N.W.	1.30	4.30	0.49	7	
December	29.805	61.0	62	47.9	·334	69.2	51.2	18.0	60.2	89.0	42.2	46.8	145.0	34.0	N.N.W., and N.W.	1.74	6.55	2.82	14	
MEANS AND TOTALS...	29.898	54.1	72	45.0	·304	62.6	45.8	16.8	54.2	...	...	...	...	...	N.N.W., and N.W.	1.48	5.75	TOTAL 19.14	TOTAL 135
EXTREMES.....	...	...	...	...	...	...	...	...	...	Jan. 1. 105.0	July 2. 31.5	Jan. 1. 73.5	May 7. 152.0	16.0	...	...	...	...	...

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT LAUNCESTON FOR 1900.

Latitude, $41^{\circ} 26' 1''$ S.; Longitude, $147^{\circ} 7' 49.5''$. Height of Observatory above Sea-Level, 31 feet. Barometer corrected to 32° Fahrenheit and reduced to Sea-Level.

YEAR.	MEANS, 9 A.M.					SHADE TEMPERATURE.						RADIATION.		WIND.		CLOUD.	RAINFALL.		
	Barometer.	Temperature.	Humidity, (saturation=100.)	Dew Point.	Pressure of Vapour in inches of mercury.	Means.	Range.	Mean.	Max.	Min.	Range.	Solar Maximum.	Terrestrial Minimum.	Direction.	Force (0-12).	Amount (0-10).	Amount.	Days rain fell.	
1900.																			
January	29.857	66.9	60	52.5	396	80.2	53.2	27.0	66.7	100.0	40.0	60.0	155.0	31.0	N.W., and N.	1.4	4.6	1.12	10
February	29.947	65.0	60	51.0	374	76.3	51.5	24.8	63.9	92.0	41.0	51.0	146.0	30.0	N., and W.	2.2	4.1	0.65	7
March	29.956	59.6	70	49.8	358	71.3	48.5	22.8	59.9	78.0	31.0	47.0	139.0	24.0	N.W., and W.	2.0	5.1	1.38	7
April	30.003	52.1	81	46.5	317	64.1	43.9	20.2	54.0	72.0	30.0	42.0	125.0	22.0	S.	1.1	5.2	3.44	15
May	30.152	45.6	87	42.0	267	59.5	38.7	20.8	49.1	65.0	30.0	35.0	116.0	20.0	S.	0.9	4.4	0.76	5
June	29.909	45.5	90	43.8	286	55.7	39.3	16.4	47.5	62.0	29.0	33.0	110.0	20.0	N.W., and S.	1.5	6.3	2.79	16
July	29.956	41.2	84	36.9	219	53.0	34.2	18.8	43.6	59.0	24.0	35.0	110.0	14.0	W., N.W., and S.	1.8	3.0	2.66	13
August	29.720	44.2	85	40.0	247	54.2	36.9	17.3	45.5	60.0	26.0	34.0	123.0	17.0	N., and N.W.	1.3	5.9	6.32	22
September	30.030	50.0	78	43.2	279	59.7	39.8	19.9	49.7	69.0	32.0	37.0	127.0	22.0	N., S.E., and S.	1.9	3.8	0.95	9
October	29.804	54.0	65	42.7	274	62.6	42.5	20.1	52.5	74.0	29.0	45.0	137.0	20.0	N.W., W., and N.	3.6	5.5	1.44	11
November	29.920	60.0	59.	45.5	305	69.6	45.9	23.7	57.7	81.0	35.0	46.0	145.0	24.0	N.W.	2.0	4.3	0.58	9
December	29.840	63.1	61	49.0	348	72.5	49.1	23.4	60.8	87.0	40.0	47.0	148.0	30.0	N.W.	2.3	5.4	1.97	10
MEANS AND TOTALS	29.925	54.0	73	45.2	306	64.9	43.6	21.3	54.2	...	...	...	...	...	N.W., N., and S.	1.8	4.8	24.01	134
EXTREMES.....	....	....	....	....	....	....	....	....	....	100.0 Jan. 3rd and 4th	24.0 July 20th	...	155.0 Jan. 3rd	14.0 July 20th	....	....	....	....	....

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT LOW HEAD FOR 1900.

Latitude, 41° 3' S.; Longitude, 146° 48' E. Height of Observatory above Sea-Level, 92 feet. Barometer corrected to 32° Fahrenheit, and reduced to Sea-Level.

YEAR.	MEANS, 9 A.M.					SHADE TEMPERATURE.						WIND.	CLOUD.	RAINFALL.		
	Barometer.	Temperature.	Humidity (saturation = 100).	Dew Point.	Pressure of Vapour in inches of mercury.	Means.	Max.	Min.	Range.	Mean.	Max.	Min.	Range.			
1900.																
January	Inches. 29.927	° 64.4	% 66	°c 58.0	.408	70.1	55.3	14.8	62.7	79.0	48.2	30.8	N.E., S., and W.	3.1	4.6	Inches. 1.57
February	29.967	63.2	68	52.4	.394	68.9	55.4	13.5	62.1	75.0	45.6	29.4	S.E., and W.	3.4	4.2	.61
March	29.981	58.9	77	51.7	.384	64.9	52.2	12.7	58.5	72.0	45.4	26.6	W., S.E., and N.E.	3.6	5.4	1.92
April	30.010	53.1	80	47.3	.327	60.6	47.0	13.6	53.8	65.8	38.2	27.6	S.E.	3.6	4.9	2.80
May	30.177	50.1	81	44.6	.295	56.9	45.3	11.6	51.1	61.2	38.0	23.2	S.E., and W.	3.9	4.2	.57
June	29.920	49.3	82	43.8	.286	54.6	44.5	10.1	49.5	59.0	34.0	25.0	S.E.	4.2	5.0	3.15
July	29.977	45.7	82	40.1	.248	52.0	40.7	11.3	46.3	55.4	30.0	25.4	S.E., W., and S.W.	4.7	3.4	2.25
August.....	29.742	46.2	85	41.7	.264	52.3	40.9	11.4	46.6	55.6	33.0	22.6	S.E., W., and N.W.	4.3	5.3	4.80
September	30.049	49.2	84	44.1	.289	55.1	43.7	11.4	49.4	59.4	33.0	26.4	S.E., and W.	3.4	4.1	.15
October.....	29.832	52.8	73	44.4	.293	56.9	45.7	11.2	51.3	61.2	36.5	24.7	W., and W.S.W.	4.2	4.6	1.27
November	29.953	57.1	70	47.1	.324	61.7	47.6	14.1	54.6	69.5	39.5	30.0	W., N.N.E., and N.E.	3.4	4.4	.10
December	29.873	59.8	68	49.5	.353	64.9	52.1	12.8	58.5	73.0	47.4	25.6	W., and N.E.	4.3	5.1	1.35
MEANS AND TOTALS	29.951	54.2	76	46.6	.323	59.9	47.5	12.4	53.7	...	...	...	S.E., and W.	3.8	4.6	20.54
EXTREMES.....	...	...	...	...	...	...	...	...	...	Jan. 1st 79.0	July 19th 30.0	49.0	...	...	...	...

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT STANLEY FOR 1900.

Latitude, $40^{\circ} 43' S.$; Longitude, $145^{\circ} 17' E.$ Height of Observatory above Sea-Level, 65 feet. Barometer corrected to 32° Fahrenheit, and reduced to Sea-Level.

YEAR.	MEANS, 9 A.M.					SHADE TEMPERATURE.					WIND.			CLOUD.	RAINFALL.		
	Barometer.	Temperature.	Humidity (saturation = 100.)	Dew Point.	Pressure of Vapour in inches of mercury.	Means.	Min.	Max.	Range.	Mean.	Extremes.	Max.	Min.	Range.	Direction.		
1900.																	
January	29.933	63.4	71	53.9	416	70.2	55.2	15.0	62.7	83.6	42.4	41.2	E., and S.W.	3.5	6.5	1.81	11
February	30.001	62.2	73	53.3	407	70.7	54.4	16.3	62.5	82.8	45.5	37.3	S.W., and E.	2.8	6.6	1.71	7
March	30.004	59.4	76	52.0	388	66.1	50.9	15.2	58.5	72.6	40.0	32.6	S.W., and E.	2.9	6.0	2.98	13
April	30.036	55.1	81	49.4	353	60.2	49.4	10.8	54.8	68.5	38.0	30.5	S.W., and E.	3.3	7.8	3.79	18
May	30.207	51.3	84	46.4	316	57.0	46.3	10.7	51.6	62.5	39.0	23.5	S.W., E., and N.E.	3.0	6.2	1.16	17
June	29.926	49.5	85	45.0	299	54.5	44.3	10.2	49.4	60.5	33.8	26.7	E., and S.W.	3.5	5.9	3.90	21
July	30.002	46.4	80	41.2	259	52.4	41.8	10.6	47.1	57.0	33.0	24.0	S.W., and S.E.	3.2	6.1	2.68	21
August	29.745	47.5	83	42.4	271	52.7	41.8	10.9	47.3	56.8	32.0	24.8	S.W., and E.	3.3	6.6	5.47	28
September	30.082	50.6	79	44.2	290	57.4	44.5	12.9	50.9	63.0	34.9	28.1	S.W., and E.	3.1	6.6	.64	14
October.....	29.874	52.8	76	45.6	306	58.2	44.6	13.6	51.4	70.0	35.0	35.0	S.W., and E.	4.0	7.0	3.27	21
November.....	29.991	57.1	68	46.3	315	64.1	47.2	16.9	55.6	74.0	37.0	37.0	S.W., and E.	3.3	6.3	.54	9
December.....	29.902	59.3	72	50.2	364	66.4	51.7	14.7	59.0	82.4	45.0	37.4	S.W., and E.	4.0	6.7	2.30	15
MEANS AND TOTALS	29.975	54.6	77	47.5	332	60.8	47.7	13.1	54.2	...	...	...	S.W., and E.	3.3	6.5	30.25	195
EXTREMES.....	...	...	...	...	...	...	...	...	...	Jan. 2nd 83.6	Aug. 20th 32.0	51.6	...	...	...	...	...

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT SOUTHPORT FOR 1900.

Latitude, $42^{\circ} 26' S.$; Longitude, $147^{\circ} 1' E.$ Height of Observatory above Sea-Level, 17 feet. Barometer corrected to 32° Fahrenheit, and reduced to Sea-Level.

YEAR.	9 A.M. MEANS.					SHADE TEMPERATURE.					WIND.			CLOUD.		RAINFALL.		
	Barometer.	Temperature.	Humidity (saturation=100).	Dew Point.	Pressure of Vapour in inches of mercury.	Means.	Max.	Min.*	Range.	Extremes.	Max.	Min.*	Range.	Direction.	Force (0-12).	Amount (0-10).	Amount.	Days Rain fell.
1900.																		
January	Inches. 29.866	° 63.0	% 76	° 55.4	.439	69.6	°			88.0				W., and S.	2.7	4.9	Inches. 2.02	11
February	29.893	62.1	75	54.0	.418	70.7				89.0				N., and W.	3.0	5.9	·70	6
March	29.944	58.5	78	51.8	.385	66.4				78.8				N., N.E., and S.W.	2.1	6.5	2.61	12
April	29.992	51.1	82	45.8	.308	57.7				70.0				S., and N.	1.2	5.7	3.05	11
May.....	30.161	48.0	88	44.4	.293	57.0				64.0				N., and W.	1.4	5.9	1.79	10
June.....	29.908	44.6	90	41.7	.264	54.5				64.0				N., and N.E.	1.6	5.9	2.06	8
July	29.960	44.3	85	39.9	.246	51.0				64.0				W., and N.	1.6	6.1	4.23	16
August.....	29.751	43.5	91	41.2	.259	53.2				61.0				N., and W.	1.4	6.2	3.28	12
September.....	30.059	49.9	84	45.0	.299	56.5	89.4	17.1	47.9	64.0	29.0	85.0		N., and S.	1.7	5.6	1.10	5
October.....	29.757	52.1	78	45.4	.304	60.2	42.5	17.7	51.3	74.0	34.0	40.0	N.E., W., S., and N.	2.7	6.5	3.64	14	
November.....	29.858	55.8	74	47.8	.333	61.9	42.5	19.4	52.2	86.0	37.0	49.0	W., S.W., and N.W.	2.2	5.2	1.26	9	
December.....	29.829	57.7	75	49.9	.360	65.8	44.7	21.1	55.2	85.0	39.0	46.0	N., N.W., and S.	2.6	7.0	3.54	12	
MEANS AND TOTALS..	29.915	52.6	81	46.9	.326	60.4	...	...	...	...	...	...	N., W., and S.	2.0	6.0	29.28	126	
EXTREMES.....	...	...	...	...	...	...	...	...	...	Feb. 27th 89.0	...	...	...	...	...	...	...

* This Return is incomplete, the Minimum thermometer being broken. Replaced from England.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT SWANSEA FOR 1900.

Latitude, 42° 8' S.; Longitude, 148° 5' 30" E. Height above Sea-Level, 35 feet. Barometer corrected to 32° Fahrenheit and reduced to Sea-Level.

YEAR.	9 A.M. MEANS.						SHADE TEMPERATURE.						WIND.		CLOUD.	RAINFALL.	
	Barometer.	Temperature.	Humidity, (saturation = 100.)	Dew Point.	Pressure of Vapour in inches of mercury.	Means.	Min.	Range.	Mean.	Max.	Min.	Range.	Direction.	Force (0-12).	Amount (0-10).	Amount.	Days rain fell.
1900.	Inches.	°	%	°	°	Max.	Min.	Range.	Mean.	Max.	Min.	Range.			Inches.		
January	29.878	66.1	60	51.8	385	76.5	58.4	23.1	64.9	104.0	42.0	62.0	E., S.E., and S.W.	2.0	3.3	3.52	8
February	29.933	64.3	66	50.8	371	74.9	50.0	24.9	62.4	97.0	44.0	53.0	W., N.N.W., and S.E.	2.1	2.4	.00	0
March	29.950	59.7	68	49.4	353	71.4	47.2	24.2	59.3	85.0	35.0	50.0	W., N.N.W., and E.	1.8	2.7	.71	6
April	30.003	52.1	79	45.8	308	62.1	45.0	17.1	53.5	69.0	34.0	35.0	S.S.W., and S.	1.7	4.4	1.76	13
May	30.145	47.7	82	42.0	267	59.9	38.4	21.5	49.2	68.0	30.0	38.0	S.S.W., S.W., and W.	1.7	4.0	.54	9
June	29.915	45.4	79	38.7	235	57.4	39.8	17.6	48.6	66.0	30.0	36.0	S., W., and S.W.	2.0	4.4	1.60	9
July	29.940	43.3	77	36.0	212	55.3	39.8	15.5	47.5	67.0	28.0	39.0	W., N.W., and S.W.	2.3	3.5	2.06	9
August	29.706	43.4	79	37.0	220	55.5	35.7	19.8	45.6	61.0	28.0	33.0	W., and S.W.	2.1	3.5	2.80	15
September	30.006	51.4	68	40.8	255	58.8	40.3	18.5	49.5	67.0	31.0	36.0	W., N.E., and S.E.	2.0	5.0	1.02	11
October	29.741	55.5	59	41.6	263	64.6	43.3	21.3	53.9	78.0	30.0	48.0	W., and N.W.	3.0	5.0	1.04	8
November.....	29.864	61.0	55	44.7	296	70.0	51.4	18.6	60.7	89.0	37.0	52.0	W., S.W., and N.E.	2.6	3.1	.26	3
December	29.785	62.3	59	48.0	335	71.1	50.5	19.6	60.8	88.0	37.0	51.0	S.W.	2.8	3.8	1.38	8
MEANS AND TOTALS	29.906	54.4	69	43.9	292	64.8	44.6	20.2	54.7	..	..	..	W., and S.W.	2.2	3.8	16.69	99
EXTREMES.....	...	...	...	...	...	...	...	...	...	Jan. 3rd 104.0	July 4th 28.0	Aug. 7th 76.0					

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT SPRINGS FOR 1900.

Latitude, $42^{\circ} 53' S.$; Longitude, $847^{\circ} 19' E.$ Height of Observatory above Sea-Level, 2495 feet.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT OATLANDS FOR 1900.

Latitude, 42° 18' S.; Longitude, 147° 24' E. Height of Observatory above Sea-Level, 1400 feet. Barometer corrected to 32° Fahrenheit, and reduced to Sea-Level.

YEAR.	MEANS, 9 A.M.				SHADE TEMPERATURE.								WIND.		CLOUD.	RAINFALL.
	Temperature.	Humidity, (saturation=100.)	Dew Point.	Pressure of Vapour in inches of mercury.	Means.				Extremes.				Direction.	Force (0-12).	Amount (0-10).	Amount.	Days rain fell.
1900.	°	%	°	Max.	Min.	Range.	Mean.	Max.	Min.	Range.	Mean.					
January	64.2	60	49.7	.359	78.5	46.9	31.6	62.7	104.0	33.0	71.0	N., and N.W.	3.0	6.2	2.70	8
February.....	59.1	66	47.8	.333	76.5	43.5	33.0	60.0	98.0	30.0	68.0	S.W., and N.	3.4	5.7	.67	6
March	55.1	74	47.1	.324	69.6	42.7	26.9	56.1	80.0	28.0	52.0	N., and S.W.	2.5	7.8	1.67	10
April	47.5	85	43.1	.278	55.3	38.6	16.7	46.9	65.0	25.0	40.0	W., and S.W.	2.3	6.4	3.21	12
May	43.1	84	38.3	.281	55.7	36.3	19.4	46.0	68.0	25.0	43.0	W., and S.W.	1.8	5.6	.47	4
June.....	41.8	89	38.9	.237	54.8	36.0	18.8	45.4	69.0	21.0	48.0	N., and N.W.	2.4	7.4	1.83	12
July	39.3	85	34.8	.202	51.7	33.7	18.0	42.7	64.0	25.0	39.0	W., and N.W.	2.6	6.3	1.53	13
August	40.2	89	37.2	.222	53.6	34.1	19.5	43.8	63.0	27.0	36.0	N.W.	1.6	6.6	2.99	15
September	45.9	79	39.7	.244	59.1	35.8	23.3	47.5	68.0	25.0	43.0	W., and N.W.	2.3	6.5	.56	6
October	49.4	69	39.6	.243	67.7	37.3	30.4	52.5	78.0	25.0	53.0	N.W., and N.	4.7	6.2	1.64	14
November	56.2	61	43.2	.279	69.3	37.7	31.6	53.5	91.0	23.0	68.0	N.W., and N.	3.1	5.3	.27	7
December.....	59.9	62	46.7	.319	76.9	45.2	31.7	61.0	92.0	37.0	55.0	N., and N.W.	2.9	5.9	1.68	11
MEANS AND TOTALS	50.1	75	42.2	.273	64.1	39.0	25.1	51.5	...	...	...	N.W., N., and W.	2.7	6.3	19.22	118
EXTREMES .....	...	...	...	...	...	...	...	...	Jan. 1st 104.0	Junel 11th and 12th 21.0	83.0					

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT WARATAH FOR 1900.

Latitude, 41° 25' S.; Longitude, 145° 34' E. Height of Observatory above Sea-Level, 2000 feet. Barometer corrected to 32° Fahrenheit, and reduced to Sea-Level.

YEAR.	MEANS, 9 A.M.				SHADE TEMPERATURE.						WIND.		CLOUD.	RAINFALL.	
	Temperature.	Humidity, (saturation=100.)	Dew Point.	Pressure of Vapour in inches of mercury.	Means.	Range.	Means.	Max.	Min.	Extremes.	Direction.	Force (0-12).	Amount (0-10).	Amount.	Days rain fell.
1900.															
January	59.9	68	49.6	.356	70.2	43.1	27.1	56.6	95.0	32.0	63.0	N.E., and S.W.	1.7	6.5	Inches. 4.78 15
February.....	55.2	74	47.2	.325	66.8	39.8	27.0	53.3	84.0	31.0	53.0	S.W., N.W., and N.E.	2.1	6.7	3.61 12
March	51.7	81	46.1	.312	61.7	37.7	24.0	49.7	72.0	29.0	43.0	N.E., and S.W.	1.3	6.8	5.75 17
April	46.6	88	43.0	.277	54.5	35.6	18.9	45.0	65.0	23.0	42.0	S.W., and N.E.	1.8	7.4	6.63 21
May.....	42.9	89	40.0	.247	50.6	32.5	18.1	41.5	62.0	25.0	37.0	S.W.	1.7	7.5	4.91 19
June.....	40.9	90	38.1	.230	48.0	31.7	16.3	39.8	55.0	22.0	33.0	N.E.	2.0	7.1	12.13 21
July	37.6	91	35.2	.205	45.5	28.2	17.3	36.8	51.0	21.0	30.0	N.E., and S.W.	2.0	7.2	9.81 23
August.....	38.5	88	35.6	.208	46.0	28.1	17.9	37.0	55.0	17.0	38.0	S.W., N.E., and N.W.	2.2	7.9	12.30 23
September	43.2	84	38.6	.234	52.2	31.2	21.0	41.7	60.0	22.0	38.0	S.W., and N.E.	2.0	7.2	3.58 18
October	44.0	85	39.8	.245	53.7	32.1	21.6	42.9	71.0	23.0	48.0	S.W., and N.E.	2.8	8.0	11.89 26
November	52.3	70	42.8	.275	62.5	33.3	29.2	47.9	80.0	23.0	57.0	S.W., N., and N.W.	2.0	5.0	2.55 12
December	54.2	72	45.7	.307	63.0	38.1	24.9	50.5	83.0	32.0	51.0	S.W., and N.W.	2.5	7.0	7.97 20
MEANS AND TOTALS	47.3	82	41.8	.268	56.2	34.3	21.9	45.2	...	...	...	S.W., and N.E.	2.0	7.0	TOTAL 85.91 227
EXTREMES.....	...	...	...	...	...	...	...	...	Jan. 2nd 95.0	Aug. 21st 17.0	78.0	...	...	...	...

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT CAPE SORELL FOR 1900.

Latitude, 42° 13' S.; Longitude, 145° 11' E. Height of Observatory above Sea-Level, 40 feet. Barometer corrected to 32° Farenheit, and reduced to Sea-Level.

YEAR.	MEANS, 9 A.M.						SHADE TEMPERATURE.						WIND.			CLOUD.	RAINFALL.
	Barometer.	Temperature.	Humidity (saturation = 100).	Dew Point.	Pressure of Vapour in inches of mercury.	Means.	Max.	Min.	Range.	Mean.	Max.	Min.	Range.	Direction.	Force (0-12).	Amount (0-10).	
1900.																	
January	29.862	60·8	74	52·5	.896	62·5	54·2	8·3	58·3	83·0	48·0	35·0	S.W., S., and N.W.	4·2	7·3	3·90	15
February	29.909	59·9	75	52·0	.888	61·1	52·7	8·4	56·9	75·0	45·0	30·0	N.W., N., and S.W.	4·8	7·1	2·13	8
March	29.907	57·2	82	51·9	.886	58·0	51·3	6·7	54·6	70·0	46·0	24·0	N., N.W., and S.W.	5·3	7·1	3·42	14
April	29.977	53·9	80	47·8	.833	54·6	48·1	6·5	51·3	61·0	42·0	19·0	N., N.W., and S.E.	4·5	7·7	4·75	18
May	30·136	51·0	81	45·1	.801	51·1	45·6	5·5	48·3	57·0	41·0	16·0	S.W., N.W., and N.	4·8	6·7	2·45	18
June	29·828	48·6	82	43·1	.278	49·4	44·7	4·7	47·0	58·0	37·0	21·0	N., N.W., and N.E.	5·3	6·5	4·23	19
July	29·883	47·1	76	39·4	.241	47·8	41·2	6·6	44·5	55·0	30·0	25·0	S.W., N., and N.W.	5·3	7·7	4·76	21
August	29·653	47·3	77	40·0	.247	47·9	41·6	6·3	44·7	56·0	33·0	23·0	N.W., N.E., and N.	5·3	6·0	6·51	20
September	30·026	49·7	80	43·5	.283	53·3	44·1	9·2	48·7	60·0	38·0	22·0	N.W., N.E., and S.E.	4·5	6·9	1·70	14
October.....	29·764	51·1	78	44·4	.293	56·7	44·8	11·9	50·7	66·0	38·0	28·0	N.W., S.W., and W.	5·7	7·2	5·04	22
November	29·903	54·2	73	45·9	.809	59·7	47·8	11·9	53·7	69·0	42·0	27·0	S.W., and N.W.	3·9	6·3	1·04	7
December	29·811	57·3	78	50·2	.864	62·7	51·0	11·7	56·8	78·0	46·0	32·0	N.W., N., and S.W.	4·5	6·8	2·89	12
MEANS AND TOTALS	29·888	53·2	78	46·3	.818	55·4	47·3	8·1	51·3	N.W., and S.W.	4·8	6·9	TOTAL 42·82	TOTAL 188
EXTREMES.....	Jan. 3rd 83·0	July 1st 30·0	53·0

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SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT UNDERMENTIONED STATIONS FOR 1900.
Barometer corrected to 32° Fahrenheit, and reduced to Sea-Level.

STATIONS.	MEANS, 9 A.M.					SHADE TEMPERATURE.						RADIATION.	WIND.	CLOUD.	RAINFALL.				
	Barometer.	Temperature.	Humidity (saturation=100).	Dew Point.	Pressure of Vapour in inches of mercury.	Means.			Extremes.										
						Max.	Min.	Range.	Max.	Min.	Range.								
Hobart	29.898	54.1	72	45.0	.304	62.6	45.8	16.8	54.2	105.0	31.5	73.5	152.0	16.0	N.N.W., and N.W.	1.5	5.8	19.14	135
Launceston.....	29.925	54.0	73	45.2	.306	64.9	43.6	21.3	54.2	100.0	24.0	76.0	155.0	14.0	N.W., N., and S.	1.8	4.8	24.01	134
Low Head	29.951	54.2	76	46.6	.323	59.9	47.5	12.4	53.7	79.0	30.0	49.0	..	..	S.E., and W.	3.8	4.6	20.54	126
Stanley	29.975	54.6	77	47.5	.332	60.8	47.7	13.1	54.2	83.6	32.0	51.6	..	..	S.W., and E.	3.8	6.5	30.25	195
Southport	29.915	52.6	81	46.9	.326	60.4	..	..	89.0	..	..	..	..	..	N., W., and S.	2.0	6.0	29.28	126
Swansea	29.906	54.4	69	43.9	.292	64.8	44.6	20.2	54.7	104.0	28.0	76.0	..	..	W., and S.W.	2.2	3.8	16.69	99
Springs	27.321*	46.7	74	38.7	.289	51.4	37.9	13.5	44.6	81.0	22.0	59.0	..	..	W., S.W., and N.	2.3	5.9	48.27	190
Oatlands .....	...	50.1	75	42.2	.273	64.1	39.0	25.1	51.5	104.0	21.0	83.0	..	..	N.W., N., and W.	2.7	6.3	19.22	120
Waratah .....	...	47.3	82	41.8	.268	56.2	34.3	21.9	45.2	95.0	17.0	78.0	..	..	S.W., and N.E.	2.0	7.0	85.91	227
Cape Sorell	29.888	53.2	78	46.3	.318	55.4	47.3	8.1	51.3	83.0	30.0	53.0	..	..	N.W., and S.W.	4.8	6.9	42.82	188

* Barometer reading. Attached thermometer 46.0°.

MEAN TEMPERATURE OF AIR AT UNDERMENTIONED STATIONS FOR EACH MONTH OF THE YEAR 1900.

Thermometric Results.

Months.	Hobart.	Launceston.	Low Head.	Stanley.	Southport.	Swansea.	Springs.	Oatlands.	Warratah.	Cape Sorell.
January	62.3	66.7	62.7	62.7	...	64.9	53.2	62.7	56.6	58.3
February	62.4	63.9	62.1	62.5	...	62.4	53.4	60.0	53.3	56.9
March	60.2	59.9	58.5	58.5	...	59.3	48.1	56.1	49.7	54.6
April	53.6	54.0	58.8	54.8	...	58.5	43.8	46.9	45.0	51.3
May	49.8	49.1	51.1	51.6	...	49.2	41.1	46.0	41.5	48.3
June	48.0	47.5	49.5	49.4	...	48.6	41.0	45.4	39.8	47.0
July.....	45.3	43.6	46.3	47.1	...	47.5	37.4	42.7	36.8	44.5
August	46.8	45.5	46.6	47.3	...	45.6	37.3	43.8	37.0	44.7
September	50.8	49.7	49.4	50.9	47.9	49.5	40.8	47.5	41.7	48.7
October	53.8	52.5	51.3	51.4	51.3	53.9	44.0	52.5	42.9	50.7
November	57.4	57.7	54.6	55.6	52.2	60.7	47.1	58.5	47.9	53.7
December	60.2	60.8	58.5	59.0	55.2	60.8	48.4	61.0	50.5	56.8
	54.2	54.2	53.7	54.2	...	54.7	44.6	51.5	45.2	51.3

MEAN AND EXTREME RESULTS FOR THE YEAR 1900.

From Observations taken at Hobart.

<i>Barometer</i> (corrected to 32° Fahrenheit, and reduced to Sea Level)—	
Highest reading	30·638 inches on 2nd September.
Lowest ditto.....	28·850 , on 15th August.
Range for year	1·788
<i>Thermometer</i> —	
Radiation, Solar, maximum	152·0° on 1st January.
Terrestrial, minimum.....	16·0° on 7th May.
Maximum in shade	105·0° on 1st January.
Minimum ditto	31·5° on 2nd July.
Range for year	73·5°.
Highest mean temperature for one month	62·4° in February.
Lowest ditto ditto	45·3° in July.
<i>Humidity</i> —	
Highest mean for one month (saturation = 100).....	83% in June.
Mean for the year	72%.
<i>Condensation</i> —	
Total for year	19·14 inches.
Total number of days rain fell	135.
Maximum for one month	3·02 inches in April.
Minimum ditto	·49 , in November.
Maximum fall in 24 hours.....	1·60 , on 14th April.

MEAN AND EXTREME RESULTS FROM 1884 TO 1900, INCLUSIVE.

From Observations taken at Hobart.

	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	
<i>Barometer—</i>																	
Highest reading	inches	30.712	30.552	30.720	30.580	30.600	30.686	30.544	30.570	30.612	30.570	30.613	30.651	30.670	30.673	30.462	30.638
Lowest ditto	"	29.020	28.902	28.760	28.943	29.080	28.930	28.963	28.908	29.014	28.810	28.767	28.926	28.989	28.859	28.938	28.850
Range for the year	"	1.692	1.650	1.960	1.647	1.520	1.756	1.581	1.662	1.598	1.760	1.846	1.725	1.681	1.834	1.524	1.788
<i>Thermometer—</i>		°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	
Radiation, Solar, maximum	deg.	143.0	153.0	160.0	155.0	152.0	148.0	146.0	144.0	154.0	152.0	153.0	154.6	157.0	165.0	146.2	152.0
Ditto, Terrestrial, minimum	"	25.8	22.5	18.7	21.0	23.5	25.0	26.5	25.2	—	—	—	22.7	23.0	22.1	22.0	16.0
Maximum in the shade	"	96.0	91.0	100.2	103.5	98.0	96.3	97.8	97.5	94.0	89.0	95.0	95.5	105.2	102.0	104.4	105.0
Minimum ditto	"	31.8	29.5	29.5	30.5	29.2	32.0	31.8	33.2	34.0	35.0	27.7	30.8	30.5	34.0	31.5	31.5
Range for the year	"	64.2	61.5	70.7	73.0	68.8	64.3	66.0	64.3	60.0	54.0	67.3	64.7	74.7	68.0	72.9	73.5
Highest mean daily reading for one month	"	60.1	63.8	63.8	66.0	62.5	63.3	65.6	64.2	62.2	61.8	66.4	62.0	62.1	64.8	65.5	63.4
Lowest ditto, ditto	"	47.1	44.2	45.8	46.6	45.0	47.3	44.6	46.8	46.2	47.1	44.3	44.9	45.7	44.9	44.6	45.3
<i>Humidity—</i>		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
Mean maximum for one month (saturation = 100)	per cent.	84	88	88	90	88	90	92	91	81	80	82	92	83	83	87	83
Mean for the year	"	76	79	78	80	76	76	78	75	71	72	71	76	71	70	73	72
<i>Condensation—</i>																	
Total for the year	inches	21.55	28.29	21.39	24.21	18.45	30.80	27.51	23.25	27.49	27.39	19.87	21.61	19.29	20.40	20.68	19.14
Total Number of Rainy Days.....		171	176	189	174	151	180	173	160	146	151	119	136	142	164	170	135
Maximum fall for one month	inches	3.93	7.39	2.88	3.65	3.05	8.15	5.37	4.04	5.91	4.72	2.98	6.71	3.28	3.34	3.27	3.02
Minimum ditto	"	0.29	0.78	0.28	0.58	0.20	0.72	0.74	0.40	0.20	0.62	0.30	0.40	0.10	0.18	0.33	0.49
Maximum fall in 24 hours	"	—	3.70	1.56	1.03	0.84	4.11	2.28	2.15	1.47	1.14	.97	1.65	1.81	1.06	1.57	1.60

Records for 1892 not complete, owing to the illness of the late Captain Shortt.

RAINFALL IN TASMANIA DURING THE YEAR 1900, SHOWING
ALSO THE AVERAGE RAINFALL

N.W. DIVISION.	S.E. DIVISION.	S.W. DIVISION.	STATIONS.	OBSERVER.	Height above Sea Level.	January.		February.		March.		April.		May.	
						Rainfall.	Rainy Days.*								
						Feet.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.
1. †Andover	C. Burbury	1150	J. Lyne	30	2·05	7	0·17	4	1·39	5	3·14	13	0·74	6
2. Apslawn	J. T. Eddington	401	2·71	12	1·00	7	0·59	8	2·68	9	0·85	6	0·85	6	
3. Bagdad	Dr. Holden	47	2·17	11	0·44	7	0·36	7	2·96	13	0·82	7	0·82	7	
4. Bellerive	L. Gatenby .....	...	2·11	10	1·70	7	1·52	13	3·73	16	0·97	5	0·97	5
5. Bendemeer (Ross)	A. A. Reid .....	...	2·04	8	0·67	7	0·62	9	2·52	13	0·35	8	0·35	8
6. Bothwell	F. Abbott .....	...	1·72	9	0·43	5	0·51	7	3·35	12	0·34	2	0·34	2
7. Botanical Gardens	Capt. de Hoghton .....	...	2·18	10	0·60	5	0·47	...	2·69	10	0·55	7	0·55	7
8. Brighton	D. C. Lewis	10	1·68	4	0·92	3	0·32	2	2·43	5	0·60	1	0·60	1	
9. Cambridge	Mrs. Wellard	60	0·50	5	1·09	6	0·78	7	6·19	...	3·55	11	3·55	11	
10. Carnarvon	Mrs. Philp	100	...	...	...	...	...	...	...	...	...	...	...	...
11. †Franklin	M. Connell .....	...	...	...	...	...	...	...	...	...	...	...	...	...
12. †Glen Connell	L. N. Murdoch	173	1·63	10	0·70	5	0·83	9	3·25	10	0·61	4	0·61	4	
13. Glenorchy	G. Waller	1450	1·86	8	1·30	6	0·59	5	4·00	10	0·83	7	0·83	7	
14. Glen Lusk	H. C. Kingsmill	160	1·59	11	0·50	7	0·51	7	3·02	13	0·99	8	0·99	8	
15. Hobart	C. Doughty .....	...	...	...	...	...	...	...	...	...	...	...	...	...
16. †Interlaken	Miss E. Forsyth .....	...	2·15	11	0·54	4	0·59	7	2·99	12	0·51	5	0·51	5
17. Keenpton	T. Spencer .....	...	2·66	7	1·10	5	0·94	5	2·55	6	0·42	4	0·42	4
18. Lake Leake	W. Duffy	1191	1·18	7	0·25	3	0·79	7	3·71	12	0·79	6	0·79	6	
19. Mount Nelson	R. W. G. Shoobridge	30	1·83	6	0·89	7	0·78	9	1·87	5	0·74	6	0·74	6	
20. New Norfolk	F. Young	275	1·65	11	0·62	7	0·66	10	3·30	17	0·71	11	0·71	11	
21. New Town	Miss H. Lynch	1400	2·70	8	0·67	6	1·67	10	3·21	12	0·47	4	0·47	4	
22. Oatlands	A. J. Ogilvy .....	...	2·59	9	0·65	5	1·12	8	2·33	9	0·81	7	0·81	7
23. Richmond	Miss Percy .....	...	2·45	11	0·42	7	0·48	5	2·50	14	0·86	6	0·86	6
24. Rokeby	T. Parramore	640	3·96	6	0·70	4	0·74	7	1·72	10	0·29	2	0·29	2	
25. Ross	W. L. May	20	2·23	6	0·40	4	0·63	6	3·93	14	0·93	5	0·93	5	
26. Sandford	G. H. Read	40	2·31	6	0·42	3	0·76	8	2·83	15	1·05	10	1·05	10	
27. Sorell	W. F. Mitchell .....	...	...	...	...	...	...	...	...	...	...	...	...	...
28. †South Bridgewater	H. Hawkins	180	3·07	15	1·14	7	2·41	12	4·76	18	2·26	16	2·26	16	
29. South Bruny	Mrs. Ransom	17	2·02	11	0·70	6	2·61	12	3·05	11	1·79	10	1·79	10	
30. Southport	Miss M. Gadd	2478	5·88	13	2·24	10	3·64	13	6·24	16	2·43	18	2·43	18	
31. Springs	A. W. Smith	35	3·52	8	0	0	0·71	6	1·76	13	·54	9	·54	9	
32. Swansea	Mrs. Salmon	23	...	...	...	...	...	...	...	...	...	...	...	...
33. †Triabunna	M. Brazzil	527	1·83	11	0·71	7	0·85	13	3·92	13	1·25	10	1·25	10	
34. Waterworks	William Jacques	40	3·90	15	2·18	8	3·42	14	4·75	18	2·45	18	2·45	18	
35. Cape Sorell	J. F. Walker .....	...	...	...	...	...	...	...	...	...	...	...	...	...
36. †Clarendon	J. H. Millar .....	...	...	...	...	...	...	...	...	...	...	...	...	...
37. †Ellendale	W. E. Shoobridge	175	2·01	11	0·91	9	0·94	10	1·90	12	0·90	10	0·90	10	
38. Glenora	W. G. Brown .....	...	1·77	8	0·62	6	0·77	9	1·82	12	0·63	9	0·63	9
39. Hamilton	H. Nas	298	3·71	16	1·65	14	1·38	18	3·04	19	1·77	18	1·77	18	
40. Maatsuyker Island	E. Dean	150	1·94	6	0·69	4	0·64	5	1·66	7	0·67	8	0·67	8	
41. Macquarie Plains	P. E. Kaeppel	1230	6·95	14	4·14	17	5·30	17	5·85	22	5·38	19	5·38	19	
42. Mount Lyell	Thomas Steele .....	...	0·12	6	0·02	1	0·04	2	2·42	11	0·30	5	0·30	5
43. Shannon	F. Coker	1200	...	...	...	...	...	...	...	...	...	...	...	...
44. †Uxbridge	H. T. M. Parr	600	0·89	5	0·45	3	0·42	3	1·01	4	0·40	2	0·40	2	
45. Avoca	Miss M. Lyall	15	0·64	2	0·72	1	0·51	3	0·28	2	1·82	3	1·82	3	
46. Boobyalla	Rev. T. McDowell	655	2·34	8	0·64	4	0·54	3	1·86	7	0·40	2	0·40	2	
47. Campbell Town	E. Newton .....	...	1·14	5	0·75	5	0·91	3	1·89	7	0·52	2	0·52	2
48. Cressy	R. Legge	900	2·60	5	0·11	2	1·53	7	2·97	8	0·66	3	0·66	3	
49. Cullenswood	H. Lyne	700	1·56	8	0·05	1	1·30	7	2·13	10	0·46	5	0·46	5	
50. Fingal	A. C. Hanland	350	3·01	10	0·42	8	5·90	13	1·99	18	2·68	15	2·68	15	
51. Flinders Island	W. M. Kirkwood	51	1·23	7	0·30	4	3·83	12	2·35	14	1·75	14	1·75	14	
52. Goose Island	Miss J. Johnston	850	3·02	7	0·26	1	2·08	7	4·81	11	1·41	6	1·41	6	
53. Gould's Country	M. T. Cheek	541	...	...	...	...	...	...	...	...	...	...	...	...
54. †Karoola	C. Brown	944	3·71	8	0·12	1	4·08	10	2·85	13	1·86	10	1·86	10	
55. Kent's Group	T. Clements	31	1·12	10	0·65	7	1·38	7	3·44	15	0·76	5	0·76	5	
56. Launceston	A. Rockwell	92	1·57	9	0·61	7	1·92	11	2·80	17	0·57	6	0·57	6	
57. Low Head	Mrs. Crase .....	...	1·32	8	0·38	3	0·59	5	3·06	9	0·49	4	0·49	4
58. Mathinna	S. Grueber	800	1·84	...	0·20	0	0·63	3	2·22	10	0·47	4	0·47	4	
59. Ormley	W. P. Kirwan	2500	...	...	...	...	...	...	...	...	...	...	...	...
60. †Poimena	G. Fry .....	...	2·28	11	0·68	6	1·71	8	3·97	14	1·08	5	1·08	5
61. Ringarooma	H. Grant	20	1·21	5	0·11	2	1·87	10	3·20	12	0·86	7	0·86	7	
62. St. Helens	J. G. Walker .....	...	1·19	6	0·00	0	1·54	6	3·06	12	0·78	4	0·78	4
63. Scamander	R. Winter	644	1·86	9	0·56	4	1·86	6	5·55	12	1·66	2	1·66	2	
64. Scottsdale	R. Roberts	16	2·26	8	0·00	0	2·45	8	2·40	8	1·97	8	1·97	8	
65. Swan Island	S. J. Anderson	200	1·13	8	2·03	6	3·36	7	1·63	7	1·07	11	1·07	11	
66. Black River	R. S. Sanderson	14	1·62	10	1·73	8	3·20	11	4·14	12	1·07	9	1·07	9	
67. Burnie	W. P. Pinkard	70	2·65	14	1·85	9	3·92	18	5·08	23	1·86	15	1·86	15	
68. Cape Grim	G. Johnston	125	1·25	9	1·02	2	1·67	7	2·79	10	1·00	5	1·00	5	
69. Cape Wickham	Mrs. T. A. Dévlyn	15	...	...	...	...	...	...	...	...	...	...	...	...
70. †Corinna	R. P. Furnage	819	2·42	6	1·64	6	1·90	5	4·18	11	0·76	3	0·76	3	
71. Deloraine	A. Pritchard	990	1·21	7	1·14	5	2·09	7	3·73	8	1·15	4	1·15	4	
72. Frankford	T. Earley	3700	1·02	7	1·99	10	1·29	12	1·88	14	1·79	13	1·79	13	
73. Great Lake	W. J. Bryan	51	1·85	8	1·09	6	1·99	9	4·39	13	1·47	8	1·47	8	
74. Glengarry	F. H. Stephenson .....	...	1·96	5	1·50	1	2·37	3	4·05	7	1·25	3	1·25	3
75. King Island	A. V. Dumbleton	25	1·19	9	0·90	5	1·64	9	2·78	14	0·67	6	0·67	6	
76. Port Sorell	H. G. Spicer	65	1·81	11	1·71	7	2·98	13	3·79	18	1·16	17	1·16	17	
77. Stanley	C. E. Hardy	2000	4·78	15	3·61	12	5·75	17	6·63	21	4·91	19	4·91	19	
78. Wuratah	G. Adams .....	...	...	...	...	...	...	...	...	...	...	...	...	...
79. †Westbury	H. T. Waller	535	6·19	19	5·61	15	696	22	8·91	23	7·54	19	7·54	19	

* Days with a fall of .005 inches and upwards.

THE NUMBER OF RAINY DAYS AND THE AMOUNT OF RAIN,
WITH NUMBER OF YEARS RECORDED.

June.		July.		August.		September.		October.		November.		December.		TOTAL.		AVERAGE.	
Rainfall.	Rainy Days.*	Rainfall.	Rainy Days.*	Rainfall.	Rainy Days.*	Rainfall.	Rainy Days.*	Rainfall.	Rainy Days.*	Rainfall.	Rainy Days.*	Rainfall.	Rainy Days.*	Rainfall.	Rainy Days.*	Rainfall.	Years
Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.
...	...	...	...	...	...	0·04	1	1·54	6	0·29	3	1·62	9	...	...	...	1.
1·83	9	2·01	8	3·20	9	1·33	9	1·64	8	0·52	3	1·41	7	19·43	88	30·06	11
2·21	11	2·40	12	1·78	15	0·58	7	2·85	15	0·27	6	2·65	9	20·57	117	23·78	11
1·32	11	2·37	10	1·53	13	0·66	5	2·10	15	0·38	4	2·26	13	17·37	116	18·80	4
3·48	19	2·62	15	6·87	22	0·54	8	2·37	11	0·61	7	3·05	10	29·57	143	27·95	2
1·29	12	1·28	14	1·21	14	0·34	6	2·41	17	0·48	9	2·20	13	15·41	130	23·45	10
1·77	6	2·65	13	1·33	11	0·45	4	1·77	14	0·39	5	2·27	9	16·98	97	20·83	18
1·28	10	1·96	19	1·06	16	0·38	9	2·32	14	0·35	9	2·40	14	16·24	...	14·43	2
1·32	7	1·83	5	1·00	4	0·70	1	1·34	6	0·14	2	2·02	5	14·30	45	20·15	11
2·44	13	3·31	9	3·86	16	2·38	12	3·48	16	0·74	4	4·49	11	32·81	110	39·94	21
...	...	...	...	2·77	7	1·64	9	4·80	18	1·75	7	4·21	14	...	...	...	11.
...	...	1·86	6	4·93	16	0·34	2	1·58	6	0·41	3	2·62	8	...	...	...	12.
1·95	10	3·69	17	2·20	14	0·66	5	4·31	18	0·97	8	2·97	13	23·77	123	22·09	2
2·44	9	3·98	15	2·57	13	1·05	7	4·07	16	0·79	4	1·89	10	25·37	110	27·47	5
1·21	13	2·83	16	1·75	17	0·74	5	2·69	17	0·49	7	2·82	14	19·14	135	23·06	56
...	...	...	...	...	...	0·23	2	1·68	8	0·30	3	1·57	5	...	...	...	16.
1·73	8	1·72	11	1·34	16	0·62	8	2·24	16	0·46	6	2·21	11	17·10	115	17·43	6
2·04	6	2·45	5	2·27	9	1·61	8	2·18	7	0·47	4	2·47	9	21·16	75	33·36	8
0·95	10	2·82	12	1·02	13	0·99	4	2·49	16	0·31	2	3·12	10	18·42	102	25·36	28
1·83	10	2·86	14	1·81	8	0·37	4	2·62	14	0·89	7	2·30	11	18·79	101	21·88	12
1·27	15	3·16	18	1·58	15	0·60	8	2·90	19	0·67	8	2·53	14	19·65	153	24·01	9
1·83	12	1·53	13	2·99	15	0·56	6	1·64	14	0·27	7	1·68	11	19·22	118	20·95	14
1·39	13	1·91	12	1·29	13	0·46	5	1·87	12	0·32	6	2·67	12	17·41	111	20·81	17
1·38	12	2·45	10	1·48	14	0·88	6	1·63	13	0·37	8	2·04	10	16·94	116	22·97	16
1·17	11	1·57	11	2·11	15	0·31	6	1·33	7	0·23	4	1·65	6	15·78	89	16·98	12
1·58	9	1·97	9	1·52	15	1·58	5	1·98	14	0·58	6	2·11	10	19·44	103	20·35	6
1·75	13	1·83	13	1·34	17	0·73	6	1·66	16	0·28	7	2·48	13	17·44	127	22·34	13
2·74	11	1·94	14	1·08	8	0·73	6	2·84	14	0·69	8	3·16	10	...	...	...	28.
2·09	14	3·41	20	3·12	20	2·11	13	3·48	20	0·99	12	4·83	15	33·67	182	38·24	27
2·06	8	4·23	16	3·28	12	1·10	5	3·64	14	1·26	9	3·54	12	29·28	126	39·89	18
3·10	15	5·49	17	2·95	21	2·46	14	7·07	22	1·68	14	5·09	17	48·27	190	56·93	5
1·60	9	2·06	9	2·80	15	1·02	11	1·04	8	0·26	3	1·38	8	16·69	99	27·25	16
...	...	2·04	9	1·85	16	1·14	7	1·07	11	0·29	8	2·12	13	...	...	...	33.
2·14	15	5·22	22	1·90	20	1·28	10	4·01	22	0·91	12	3·77	14	27·79	169	29·64	3
4·28	19	4·76	21	6·51	20	1·70	14	5·04	22	1·04	7	2·89	12	42·82	188	42·82	1
...	...	...	...	2·49	7	0·43	4	...	...	0·64	5	2·26	7	...	...	...	36.
...	...	...	...	...	...	0·80	10	7·59	22	2·35	10	5·43	15	...	...	...	37.
1·68	9	2·47	12	2·27	12	0·42	9	2·96	18	0·93	8	2·97	12	20·36	132	22·79	27
1·35	13	2·23	17	1·70	12	0·37	4	2·24	13	0·60	7	2·23	10	16·33	120	17·69	15
2·34	19	2·97	26	2·40	22	1·38	20	3·87	26	0·75	15	2·19	19	27·45	232	35·06	7
1·96	5	2·36	13	2·33	10	0·32	3	2·51	13	0·65	6	2·26	12	17·99	92	19·12	9
7·25	17	10·42	20	8·84	21	5·37	19	18·11	27	5·15	17	12·56	21	95·32	231	115·64	6
0·94	12	1·53	14	1·77	11	0·68	6	2·20	13	0·38	8	2·01	12	12·41	101	12·41	1
...	...	...	...	...	...	...	...	...	...	1·89	11	4·65	15	...	...	...	44.
1·00	5	1·58	7	2·61	13	0·23	3	1·12	6	0·57	4	1·37	5	11·65	60	20·82	10
2·88	10	5·10	13	7·71	10	1·36	8	1·42	16	1·25	6	2·77	6	24·77	80	25·74	11
1·38	9	1·22	4	2·59	13	0·06	1	1·10	6	0·21	5	1·89	7	14·23	69	18·67	11
2·16	13	1·67	6	3·68	15	0·59	6	1·10	4	0·03	1	0·84	3	15·28	70	18·36	2
2·28	11	2·00	10	4·80	13	1·13	6	1·17	6	0·20	3	1·52	4	20·97	78	25·55	5
2·02	12	1·49	10	3·27	18	0·37	5	1·01	7	0·22	4	2·22	9	16·10	96	24·99	16
3·28	22	1·55	20	4·75	20	1·26	12	2·17	15	0·94	10	1·77	12	29·72	175	29·72	1
2·25	11	0·95	17	3·18	16	0·58	8	1·88	17	0·52	9	1·43	10	20·25	139	22·87	26
3·15	12	3·76	9	7·89	18	2·10	10	2·42	9	0·66	3	1·37	7	32·93	100	47·39	14
5·41	18	4·04	15	9·65	24	0·76	11	2·74	19	0·26	8	2·81	10	...	...	...	54.
3·61	10	1·34	7	4·48	16	2·04	6	1·68	10	0·71	5	0·54	5	27·02	101	28·04	27
2·79	16	2·66	13	6·32	22	0·95	9	1·44	11	0·53	9	1·97	10	24·01	134	28·16	16
3·15	16	2·25	12	4·80	22	1·15	4	1·27	12	0·10	2	1·35	8	20·54	126	26·49	17
2·16	11	2·45	8	4·44	12	1·27	7	1·13	5	0·25	1	1·19	7	18·73	80	30·81	7
1·68	11	1·80	10	2·85	10	0·62	5	2·21	5	0·29	3	1·66	5	16·47	...	23·67	12
...	...	...	...	...	...	2·93	9	4·40	13	0·75	7	2·61	12	...	...	...	60.
4·84	17	5·18	14	11·15	24	1·23	12	8·62	14	0·65	7	2·65	13	39·04	145	43·56	2
1·41	15	2·07	12	4·31	18	1·13	10	1·48	8	0·24	5	1·01	7	18·90	111	28·92	11
1·50	8	1·45	10	4·52	11	1·32	7	1·16	4	0·46	3	0·82	4	17·80	75	17·80	1
5·51	16	3·70	11	10·53	22	0·84	5	3·05	12	0·32	3	2·28	7	37·72	109	43·12	15
3·69	12	1·90	9	4·05	9	0·41	3	2·05	5	0·35	3	2·40	4	23·93	77	24·75	25
5·89	16	3·67	16	8·01	23	0·64	11	3·54	17	0·12	3	2·93	13	34·02	138	42·06	13
5·95	20	4·52	19	7·08	25	0·81	12	3·15	22	0·24	7	3·46	13	36·97	168	37·07	15
5·43	21	3·33	20	6·45	27	1·28	17	3·97	20	0·38	7	2·61	16	38·81	207	37·75	12
1·95	12	1·83	9	4·04	15	0·67	5	1·28	6	...	0	1·12	3	18·62	83	28·08	24
...	...	8·31	20	3·08	6												

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

(No. 39.)

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	BAROMETER.	THERMOMETER.				HUMIDITY OF AIR.			CONDENSATION.		OZONE.	WIND.	
		At Temperature 32°.	Mean Tem- perature.	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.
January	Inches.	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	29.770	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	29.856	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	6.96	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.	92.87
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	...	6.59	...	...

* 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.]

TASMANIA

Scale 15 miles to an inch

BASS STRAIT

