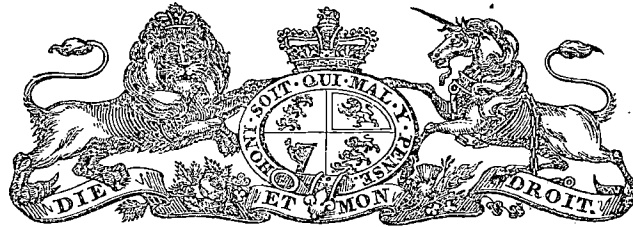


(No. 59.)



1900.

PARLIAMENT OF TASMANIA.

METEOROLOGICAL DEPARTMENT:

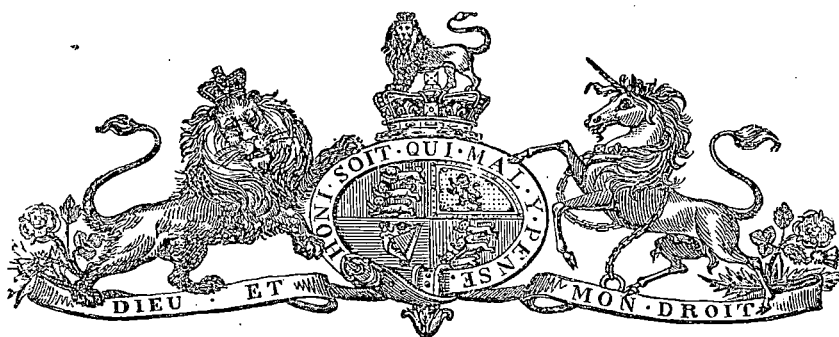
REPORT FOR 1899.

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

Cost of printing—£11 8s. 6d.

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REPORT OF THE GOVERNMENT METEOROLOGIST FOR FOR THE YEAR 1899.

Observatory, Hobart, 11th September, 1900.

SIR,

I HAVE the honour to submit the Annual Report of the Meteorological Department for the Year 1899, with Tables of Observations. These include Climatological Tables for nine principal stations, and a Rainfall Table containing the records of the sixty-seven stations.

The rainfall observations are being gradually extended, so as to cover new ground wherever reliable observers can be obtained, and the record for 1899 shows an increase of eleven stations over that of 1898.

Observations were taken daily on the summit of Mt. Wellington by a resident observer from the 16th of January to 15th April these have been tabulated and forwarded to Mr. Wragge for comparison with the results from Mt. Kosciuszko.

The great majority of the observers have been punctual, and accurate with their reports.

The time-service has been carefully and accurately carried out, in accordance with the signals from the Observatory.

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 1899.

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.	
1899.	Barometer	Temperature.	Humidity (saturation =100).	Dew Point.	Pressure of Vapour.	Means.				Extremes.			Solar Maximum.	Terrestrial Min.	Direction.	Force (0-12).	Amount (0-10).	Amount.	Days Rain fell.
						Max.	Min.	Range.	Mean.	Max.	Min.	Range.							
January	Inches. 29·610	° 61·19	% 70	° 51·0	 ·374	° 66·41	° 52·57	° 13·84	° 59·49	° 87·2	° 42·9	 44·3	 139·5	 24·5	S. and N.W.	 1·36	 6·32	Inches. 2·830	 15
February	30·017	66·48	62	52·95	·401	75·59	55·45	20·14	65·52	104·4	44·5	59·9	141·0	35·0	N.N.W. and N.W.	1·41	4·85	0·332	7
March	29·947	62·56	65	50·39	·366	71·61	52·94	18·67	62·28	88·7	44·5	44·2	139·1	37·0	N.N.W. and N.	1·48	5·26	2·143	12
April	30·073	54·54	79	48·20	·338	59·30	48·63	10·67	53·97	76·1	35·5	40·6	129·6	22·0	N.W. and N.N.W.	1·43	6·66	1·950	18
May	30·021	48·58	82	43·10	·278	56·44	43·28	13·16	49·86	67·2	36·5	30·7	119·0	27·0	N.W.	1·68	6·09	1·385	14
June	30·024	42·02	87	38·35	·231	49·50	39·78	9·72	44·64	59·5	31·5	28·0	107·0	24·0	N.N.W. and N.W.	1·31	6·58	3·270	20
July	30·185	43·93	73	35·45	·207	52·23	38·79	13·44	45·51	60·4	33·5	26·9	108·5	22·0	N.N.W. and N.W.	1·17	4·87	1·147	14
August	30·252	44·73	82	39·64	·243	53·66	39·43	14·23	46·73	62·3	33·0	29·3	113·0	23·8	N.N.W. and N.W.	1·26	6·09	0·889	13
September	29·999	52·99	74	44·88	·297	61·1	44·66	16·44	52·88	74·0	34·3	25·6	127·8	25·6	N.W. and N.N.W.	1·48	6·20	1·846	12
October	29·890	54·18	74	46·36	·315	61·88	44·21	17·67	53·04	70·0	33·0	37·0	129·0	23·8	N.N.W. and N.W.	1·74	6·20	1·281	17
November	29·745	59·14	76	50·35	·364	66·08	49·6	16·48	57·84	83·3	41·5	41·8	134·0	30·0	N.W. and N.N.W.	1·40	7·20	2·654	16
December	29·769	64·99	57	49·55	·355	73·82	51·75	22·07	62·79	95·7	43·5	52·2	146·2	33·0	N.W. and N.N.W.	2·13	5·55	0·954	12
MEANS AND TOTALS...	29·961	54·61	73	45·85	·314	62·3	46·76	15·54	54·54	...	...	...	...	...	N.N.W. and N.W.	1·49	5·99	TOTAL 20·681	TOTAL 170
EXTREMES.....	...	...	...	...	...	...	...	...	...	Feb. 12, 104·4	June 28, 31·5	72·9	Dec. 31, 146·2	July 20, 22·0	...	...	...	...	...

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT LAUNCESTON FOR 1899.

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.

YEAR.	MEANS, 9 A.M.					SHADE TEMPERATURE.							RADIATION.		WIND.		CLOUD.	RAINFALL.	
1899.	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.
	Inches.	°	°	°	°	Max.	Min.	Range.	Mean.	Max.	Min.	Range.		°				Inches.	
January	29.628	62.7	63	49.9	.360	72.1	50.1	22.0	61.1	90.0	40.0	50.0	150.0	32.0	N.W. & S.W.	2.6	5.5	3.365	9
February	30.042	67.5	63	54.6	.427	79.7	54.5	25.2	67.1	88.0	42.0	46.0	146.0	30.0	N.W. & N.	1.5	3.4	0.610	2
March	30.041	61.8	72	52.5	.396	73.0	50.0	23.0	61.5	82.0	40.0	42.0	144.0	32.0	N.W. & N.	1.2	4.8	2.858	10
April	30.062	53.9	89	50.7	.370	66.4	45.1	21.3	55.8	77.0	36.0	41.0	135.0	28.0	S. & N.W.	1.2	4.8	1.810	10
May	30.035	43.9	95	34.9	.203	58.1	37.1	21.0	47.6	66.0	28.0	38.0	116.0	19.0	N.W. & N.	0.7	4.3	3.430	13
June	30.025	41.9	89	38.8	.236	53.4	37.1	16.3	45.3	60.0	28.0	32.0	113.0	21.0	S. & N.	1.1	5.1	4.005	10
July	30.264	37.0	96	29.4	.162	52.8	31.7	21.1	42.2	61.0	27.0	34.0	110.0	20.0	N.	0.3	3.3	1.120	5
August	30.240	44.4	83	39.4	.241	55.9	37.1	18.8	46.5	62.0	27.0	35.0	121.0	19.0	S. & N.	1.4	4.6	0.365	6
September	30.044	50.7	84	45.8	.308	60.0	42.2	17.8	51.1	68.0	34.0	34.0	129.0	24.0	N. & N.W.	2.4	5.3	2.510	15
October	29.905	54.1	75	46.6	.318	61.9	40.1	21.8	51.0	69.0	25.0	44.0	140.0	18.0	N.W. & N.	2.5	4.8	2.655	14
November	29.783	61.0	68	50.2	.364	69.4	48.8	20.6	59.1	77.0	41.0	36.0	146.0	33.0	N.W. & N.	2.7	5.4	1.305	13
December	29.824	63.6	73	54.8	.430	72.3	48.2	24.1	60.3	86.0	39.0	47.0	149.0	28.0	N.W., N., & W.	3.1	3.7	1.795	8
MEANS AND TOTALS	29.991	53.5	79	45.6	.318	64.6	43.5	21.1	54.1	...	...	...	...	...	N.W. & N.	1.7	4.6	25.828	115
EXTREMES.....	...	...	...	...	...	...	...	...	...	90.0 on 1st Jan.	25.0 on 24th Oct.	65.0	150.0 on 2nd Jan.	18.0 on 1st Oct.					

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT LOW HEAD FOR 1899.

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

YEAR.	9 A.M. MEANS.					SHADE TEMPERATURE.							WIND.		CLOUD.	RAINFALL.	
1899.	Barometer.	Temperature.	Humidity (saturation = 100).	Dew Point.	Elastic Force of Vapour.	Means.				Extremes.			Direction.	Force (0-12).	Amount (0-10).	Amount.	Days rain fell.
						Max.	Min.	Range.	Mean.	Max.	Min.	Range.					
January	29·661	60·7	69	50·3	·365	67·1	53·0	14·1	60·0	72·2	47·2	25·0	W. and S.E.	4·4	4·1	2·745	11
February	30·062	64·7	69	54·5	·425	70·0	56·6	13·4	63·3	74·5	48·6	25·9	N.E.	3·6	3·7	·555	3
March	29·988	61·5	73	52·6	·397	67·7	46·3	21·4	57·0	73·8	46·3	27·5	S.E. and W.	3·7	4·1	3·790	10
April	30·072	54·8	80	49·1	·349	61·9	48·9	13·0	55·4	68·0	40·0	28·0	S.E.	3·2	4·3	2·360	9
May	30·022	48·6	83	43·6	·284	56·6	43·5	13·1	50·0	62·6	35·0	27·6	S.E. and W.	3·9	4·0	3·085	14
June	30·035	45·7	87	41·9	·266	52·9	40·6	12·3	46·8	57·0	32·0	25·0	S.E.	4·0	4·9	4·365	11
July	30·236	43·2	88	39·7	·244	52·0	37·4	14·6	44·7	56·4	31·4	25·0	S.E.	3·5	3·5	1·450	10
August.....	30·243	46·3	86	41·8	·265	53·8	41·1	12·7	47·5	57·3	34·0	23·3	S.E.	3·9	4·0	·715	9
September	30·070	51·0	82	45·7	·307	55·8	44·7	11·1	50·3	59·8	32·2	27·6	W. and S.E.	3·9	4·9	2·770	16
October.....	29·953	52·7	76	45·2	·302	57·2	45·3	11·9	51·3	61·8	32·0	29·8	W. and S.E.	4·0	3·4	2·265	14
November	29·811	57·9	73	49·2	·351	62·8	51·2	11·6	57·0	67·9	44·5	23·4	W.	4·3	5·1	1·485	10
December	29·861	60·4	69	50·1	·362	65·9	51·6	14·3	58·7	77·6	46·0	31·6	W.	3·7	3·4	·795	6
MEANS AND TOTALS	30·001	54·0	78	47·0	·326	60·3	46·7	13·6	53·5	...	...	...	S.E. and W.	3·9	4·1	26·38	123
EXTREMES.....	...	...	...	...	...	...	...	...	...	Dec. 31, 77·6	July 15, 31·4	46·2	...	...	...	...	...

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT STANLEY FOR 1899.

Latitude, 40° 43' S. ; Longitude, 145° 17' E. Height above Sea Level, 65 feet. Barometer corrected to 32° Fahrenheit, and reduced to Sea Level.

YEAR.	9 A.M. MEANS.					SHADE TEMPERATURE.							RADIATION.		WIND.		CLOUD.	RAINFALL.	
1899.	Barom e.e.	Temperature.	Humidity (satura- tion = 100.)	Dew Point.	Elastic Force of Vapour.	Means.				Extremes.			Solar Maximum.	Terrestrial Min.	Direction.	Force (0-12).	Amount (0-10).	Amount.	Days Rain Fell.
						Max.	Min.	Range.	Mean.	Max.	Min.	Range.							
	Inches.		°	°	°	°	°	°	°	°	°	°	°	°				Inches	
January	29·693	60·1	72	51·2	·377	66·6	51·2	15·4	58·9	74·0	43·5	30·5	...	...	S.W. and W.S.W.	3·9	6·6	2·877	21
February	30·050	64·3	76	56·5	·457	70·3	57·9	12·4	64·1	76·0	45·8	30·2	...	...	E.	3·7	5·9	2·187	5
March	29·983	61·9	75	53·9	·416	68·1	55·2	12·9	61·7	76·8	45·0	31·8	...	...	E. and S.W.	3·2	5·7	2·619	15
April	30·084	54·5	90	51·7	·384	58·2	50·2	8·0	54·2	68·0	41·0	27·0	...	...	S.W. E. and S.E.	2·4	5·9	2·708	13
May	30·073	52·0	81	46·6	·318	55·1	46·1	9·0	50·6	64·0	37·0	27·0	...	...	S.W.	2·8	6·0	5·674	23
June	30·010	47·6	83	42·6	·273	53·6	43·4	10·2	48·5	58·5	34·0	24·5	...	...	S.W. and S.E.	2·8	6·3	4·270	22
July	30·253	46·2	84	41·3	·260	53·4	41·2	12·2	47·3	58·8	32·0	26·8	...	...	S.W. and S.E.	2·6	5·0	1·423	18
August	30·258	47·9	82	42·4	·271	55·5	43·1	12·4	49·3	60·0	34·0	26·0	...	...	S.E. and S.W.	2·8	5·4	1·130	14
September	30·080	52·4	83	47·4	·328	57·2	45·1	12·1	51·1	62·5	30·0	32·5	...	...	E. and S.W.	3·1	7·0	3·171	19
October	29·860	56·8	60	43·5	·283	59·5	44·3	15·2	51·9	65·5	34·0	31·5	...	...	S.W. and E.	3·5	5·4	2·222	17
November	29·833	58·1	73	49·6	·356	62·6	49·6	13·0	56·1	70·0	39·5	30·5	...	...	S.W. and E.	3·8	6·7	2·415	18
December	29·894	60·7	69	50·7	·370	67·2	50·9	16·3	59·1	75·8	43·0	32·8	...	...	S.W. and W.	3·7	6·3	1·032	12
MEANS AND TOTALS	30·006	55·2	77	48·1	·381	60·6	48·2	12·4	54·4	...	...	...	...	...	S.W. E. and S.E.	3·2	6·0	31·728	197
EXTREMES.....	...	...	...	...	...	...	...	...	...	Mar. 16, 76·8	Sept. 30, 30·0	46·8	...	...	...	...	...	...	...

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT STRAHAN AND CAPE SORELL FOR 1899.

Latitude, 42° 13' S.; Longitude, 145° 25' E. Height over Sea Level, 11 feet. Barometer corrected to 32° Fahrenheit, and reduced to Sea Level.

YEAR.	9 A.M. MEANS.					SHADE TEMPERATURE.							WIND.		CLOUD.	RAINFALL.	
1899.	Barometer.	Temperature.	Humidity (saturation = 100).	Dew Point.	Elastic Force of Vapour.	Means.				Extremes.			Direction.	Force (0-12).	Amount (0-10).	Amount.	Days rain fell.
						Max.	Min.	Range.	Mean.	Max.	Min.	Range.					
	Inches.	°	%	°	°	°	°	°	°	°	°	°				Inches.	
January	29·652	57·7	75	50·4	·366	83·2	50·7	32·5	67·0	84·8	44·2	40·6	N.W., S.E., & S.W.	4·2	...	10·46	18
February	30·012	63·1	70	53·1	·404	79·3	53·1	26·3	66·2	89·3	45·2	44·1	S.E. & N.W.	3·5	...	3·40	6
March	29·907	59·2	77	52·1	·389	71·6	51·6	20·0	61·6	83·2	44·9	38·3	N.W.	3·6	...	6·31	12
April	30·159	53·7	80	47·6	·330	71·4	45·9	25·5	58·7	80·3	37·9	42·4	S.E. & N.W.	2·5	...	4·29	8
May	30·056	49·2	81	43·5	·283	61·9	43·5	18·4	52·7	67·2	35·4	31·8	S.E. & N.E.	3·0	...	7·84	14
June	29·982	45·6	88	42·0	·267	61·7	40·5	21·2	51·1	71·8	31·9	39·9	S.E., E., & N.	2·7	...	6·59	12
July	30·327	42·5	78	36·4	·215	59·4	36·4	23·0	47·9	66·3	29·1	37·2	S.E.	2·7	...	5·40	14
August	30·223	44·9	86	40·8	·255	61·7	38·7	23·0	50·2	66·5	31·5	35·0	S.E. & N.	2·7	...	2·30	6
September (incomplete)																	
CAPE SORELL.*																	
October (Return incomplete)				Latitude, 42°		13' S.;	Longitude,	145°11'	E.Height above Sea	Level,	40 feet.						
November	29·761	55·2	82	49·5	·355	58·6	49·2	9·4	53·9	44·0	25·0	19·0	N.W., S.W., & S.	5·0	7·7	5·85	19
December	30·174	56·9	81	50·1	·362	61·9	50·4	11·5	56·1	75·0	46·0	29·0	N.W., W., & S.W.	5·2	8·2	4·33	16

* Station moved from Strahan to Cape Sorell Lighthouse, outside Macquarie Harbour.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT SOUTHPORT FOR 1899.

Latitude, 42° 26' S.; Longitude, 147° 1' E. Height 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.	
1899.	Barometer.	Temperature.	Humidity (saturation=100).	Dew Point.	Elastic Force of Vapour.	Means.			Mean.	Extremes.			Direction.	Force (0-12).	Amount (0-10).	Amount.	Days Rain fell.
						Max.	Min.	Range.		Max.	Min.	Range.					
						°	°	°		°	°	°					
January	Inches. 29·634	° 59·8	% 76	° 51·4	° 379	° 64·5	° 51·2	° 13·3	° 57·8	° 80·0	° 40·0	° 40·0	S.W., W., and N.E.	2·8	7·1	Inches. 3·29	20
February	30·038	62·7	80	56·4	·456	70·2	49·8	20·4	60·0	94·3	38·3	56·0	S.W. and S.E.	2·3	5·5	1·11	7
March	29·938	60·6	82	54·8	·430	68·9	49·3	19·6	59·1	89·0	39·0	50·0	W. and N.	1·9	6·3	2·936	14
April	30·053	54·3	84	49·7	·357	60·8	45·7	15·1	53·3	73·0	33·0	40·0	N., S., N.W., & S.W.	1·5	6·0	2·442	14
May	29·989	49·8	84	45·1	·301	58·9	36·1	22·8	47·5	68·0	33·0	35·0	N.W. and S.W.	2·0	5·5	2·02	9
June	30·046	46·4	78	39·8	·245	53·5	...	...	...	59·0	...	...	S. and N.W.	1·4	5·4	5·50	17
July	30·290	44·4	87	40·7	·254	53·1	...	...	...	61·0	...	...	S.W., N.W., and N.	1·7	4·6	2·89	14
August	30·248	45·4	88	41·7	·264	54·2	...	...	...	62·0	...	...	S.W., N.W., and N.	1·4	5·8	1·45	7
September	29·987	51·8	78	45·1	·301	59·4	...	...	...	70·0	...	...	W., N.W., and S.W.	2·1	5·9	3·205	12
October	29·843	52·4	63	40·1	·248	54·8	...	...	...	73·6	...	...	S.W., W., and N.W.	2·3	6·8	2·647	19
November	29·764	57·0	77	49·9	·360	64·5	...	...	...	83·0	...	...	N. and S.	2·4	6·5	5·17	14
December	29·770	59·7	71	50·5	·367	67·9	...	...	...	85·0	...	...	W. and S.	3·0	6·0	3·02	10
MEANS AND TOTALS..	29·967	53·7	79	47·1	·330	60·9	...	...	...	...	...	...	S.W. and N.W.	2·1	5·9	35·68	157
EXTREMES	...	...	...	...	...	...	...	...	...	Feb. 15, 94·3	...	...	...	...	...	...	...

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT SWANSEA FOR 1899.

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.	
1899.	Barometer.	Temperature.	Humidity, (saturation = 100.)	Dew Point.	Elastic Force of Vapour.	Means.				Extremes.			Direction.	Force (0-12).	Amount (0-10).	Amount.	Days rain fell.
						Max.	Min.	Range.	Mean.	Max.	Min.	Range.					
January	29·616	60·7	66	49·4	·353	68·6	52·5	16·1	60·5	88·0	44·0	44·0	W., S.E., & E.	2·0	4·8	3·95	9
February	29·994	64·2	69	53·9	·416	71·8	53·4	18·4	62·6	85·0	42·0	43·0	S.W. & N.E.	2·2	2·9	·09	2
March	29·908	60·5	69	51·2	·377	71·5	57·5	14·0	64·5	92·0	38·0	54·0	N.E.	2·0	3·7	3·12	11
April	29·712	52·7	81	47·1	·324	62·8	45·6	17·2	54·2	79·0	32·0	47·0	S. & N.W.	1·8	4·4	3·70	12
May	30·004	46·6	84	41·7	·264	59·1	38·3	20·8	48·7	69·0	31·0	38·0	W., S., & N.	2·0	3·3	1·78	8
June	30·018	42·5	86	38·7	·235	54·9	38·2	16·7	46·6	61·0	28·0	33·0	W., N.W., & S.W.	1·8	4·3	3·82	13
July	30·235	41·7	83	36·7	·218	55·2	36·2	19·0	45·7	60·0	29·0	31·0	S.W., N., & W.	1·7	3·2	1·27	12
August	30·137	43·8	85	39·4	·241	56·2	37·9	18·3	47·1	66·0	27·0	39·0	N., S.W., & W.	1·6	4·4	3·26	13
September	30·015	51·8	71	42·7	·274	61·5	42·1	19·4	51·8	70·0	33·0	37·0	W. & N.W.	2·3	2·9	1·44	7
October	29·901	53·5	72	45·6	·306	63·1	41·3	21·8	52·2	72·0	29·0	43·0	S.W. & W.	2·4	2·6	1·30	8
November	29·770	58·1	71	48·6	·343	65·9	49·6	16·3	57·8	84·0	37·0	47·0	W., N.W., & E.	2·4	4·4	2·14	10
December	29·792	62·9	56	47·4	·328	72·1	49·5	22·6	60·7	97·0	39·0	58·0	S.E. & W.	2·5	3·2	1·38	5
MEANS AND TOTALS	29·925	53·8	74	45·2	·306	63·6	45·2	18·4	54·4	...	...	...	W. & S.W.	2·1	3·7	27·25	110
EXTREMES	...	...	...	...	...	...	...	...	...	Dec. 24 97·0	Aug. 1 27·0	70·0					

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT OATLANDS FOR 1899.

Latitude, 42° 18' S.; Longitude, 147° 24' E. Height above sea level, 1348 feet.

YEAR.	9 A.M. MEANS.				SHADE TEMPERATURE.							WIND.		CLOUD.	RAINFALL.	
1899.	Temperature.	Humidity, (saturation=100.)	Dew Point.	Elastic Force of Vapour.	Means.				Extremes.			Direction.	Force (0-12).	Amount (0-10).	Amount.	Days rain fell.
					Max.	Min.	Range.	Mean.	Max.	Min.	Range.					
January	54.4	74	46.5	.317	69.2	41.3	27.9	55.2	87.0	30.0	57.0	W. S.W. & N.	4.0	7.7	Inches. 1.65	9
February.....	62.7	70	52.7	.399	80.4	45.2	35.2	62.7	93.0	28.0	65.0	S.W. & N.	1.6	5.2	.15	1
March.....	61.7	60	47.8	.333	74.5	43.6	30.9	59.1	92.0	31.0	61.0	W. & N.W.	2.5	6.6	2.51	8
April.....	49.5	92	47.0	.323	60.9	36.4	24.5	48.7	78.0	22.0	56.0	N.E. & N.W.	1.6	3.8	1.89	13
May.....	43.4	91	41.0	.257	57.3	31.7	25.6	44.5	71.0	21.0	50.0	S.W. & N.	1.7	6.3	1.30	8
June.....	38.8	92	26.0	.141	53.5	29.9	23.6	41.7	65.0	18.0	47.0	S.W.	.9	6.8	1.44	10
July.....	37.9	77	33.0	.188	53.0	29.6	23.4	41.3	65.0	23.0	42.0	S.W. & N.	.8	6.0	.61	6
August	39.9	87	36.2	.214	55.9	31.7	24.2	43.8	66.0	22.0	44.0	S.W. & N.W.	1.0	7.1	.75	12
September	48.7	77	41.3	.260	66.0	39.0	27.0	52.5	77.0	26.0	51.0	N. & S.W.	2.9	5.2	1.51	10
October	48.9	73	40.6	.253	65.7	56.0	29.7	50.9	78.0	25.0	53.0	S.W.	3.5	6.5	1.35	14
November	55.3	70	45.5	.305	72.7	43.0	29.7	57.9	90.0	30.0	60.0	S.W. & N.	3.4	6.	.91	12
December.....	60.1	62	47.1	.324	79.0	41.7	37.3	60.4	97.0	28.0	69.0	N. & N.W.	4.1	5.8	1.06	8
MEANS AND TOTALS	50.1	77	42.1	.276	65.7	37.4	28.3	51.6	...	...	...	S.W. & N.	2.3	6.1	15.13	111
EXTREMES	...	...	...	...	...	...	...	...	Dec. 30, 97.0	June 28, 18.0	79.0					

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT WARATAH FOR 1899.

Latitude, 41° 25' S. ; Longitude, 145° 34' E. Height above Sea Level, 2000 feet.

YEAR.	9 A.M. MEANS.				SHADE TEMPERATURE.							WIND.		CLOUD.	RAINFALL.	
1899.	Temperature.	Humidity, (saturation=100.)	Dew Point.	Elastic Force of Vapour.	Means.				Extremes.			Direction.	Force (0-12).	Amount (0-10).	Amount.	Days rain fell.
					Max.	Min.	Range.	Mean.	Max.	Min.	Range.					
January	53·5	81	47·8	·331	62·3	40·6	21·7	51·4	81·0	31·0	50·0	S.W.	2·0	7·3	9·14	24
February	61·5	73	52·4	·394	72·7	46·2	26·5	59·4	84·0	34·0	50·0	S.W. & N.E.	1·7	4·0	4·83	9
March	55·1	80	48·6	·343	64·9	42·1	22·8	53·5	85·0	32·0	53·0	N.E. & S.W.	2·1	6·1	4·34	14
April	48·8	85	42·2	·269	59·2	37·3	21·9	48·3	70·0	26·0	44·0	S.W. & N.E.	1·3	5·5	4·04	15
May	43·0	86	39·9	·246	49·9	33·6	16·3	41·8	57·0	26·0	31·0	N.E. & S.W.	1·3	8·9	6·48	19
June	39·2	89	36·2	·214	47·7	30·2	17·5	39·0	55·0	30·0	25·0	N.E. & S.W.	1·2	6·9	7·78	13
July	37·4	90	34·8	·202	46·7	28·4	18·3	37·5	55·0	19·0	36·0	N.E. & S.W.	1·7	6·0	4·52	15
August	40·3	81	35·0	·204	50·9	28·8	22·1	39·8	58·0	23·0	35·0	S.W. & N.E.	1·5	5·1	2·79	9
September	44·8	85	40·5	·252	52·9	33·6	19·3	43·3	61·0	27·0	34·0	N.E. & S.W.	2·0	8·5	7·28	24
October	46·3	79	39·7	·244	53·9	32·2	21·7	43·0	70·0	23·0	47·0	S.W., N.W., & N.E.	2·1	6·7	7·87	21
November	51·8	77	44·7	·296	59·1	37·4	21·7	48·3	72·0	28·0	44·0	N.E., N.W., & S.W.	3·4	7·2	9·12	19
December	56·5	69	51·3	·316	66·1	37·8	28·3	51·9	87·0	29·0	58·0	N.W., N.E., & S.W.	2·3	5·9	7·54	14
MEANS AND TOTALS	48·2	81	42·8	2·76	57·2	35·7	21·5	46·5	...	...	...	N.E. & S.W.	1·9	6·5	75·73	196
EXTREMES	...	...	...	...	...	...	...	...	Dec. 31, 87·0	July 8, 19·0	68·0	...	...	...	...	...

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT UNDERMENTIONED STATIONS FOR 1899.

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.	Means.				Extremes.			Solar Max.	Terrestrial Min.	Direction.	Force.	Amount.	Amount.	Days Rain fell.
						Max.	Min.	Range.	Mean.	Max.	Min.	Range.							
Inches.	°	%	°	°	°	°	°	°	°	°	°	°	°	(0-12)	(0-10)	Inches.	Days.		
Hobart	29·961	54·6	73	45·8	314	62·3	46·8	15·5	54·5	104·4	31·5	72·9	146·2	22·0	N.N.W., & N.W.	1·5	6·0	20·681	170
Launceston.....	29·991	53·5	79	45·6	318	64·6	43·5	21·1	54·1	90·0	25·0	65·0	150·0	18·0	N.W. & N.	1·7	4·6	25·828	115
Low Head	30·001	54·0	78	47·0	326	60·3	46·7	13·6	53·5	77·6	31·4	46·2	...	...	S.E. & W.	3·9	4·1	26·880	123
Stanley	30·006	55·2	77	48·1	381	60·6	48·2	12·4	54·4	76·8	30·0	46·8	...	...	S.W., E. & S.E.	3·2	6·0	31·728	197
Southport	29·967	53·7	79	47·1	330	60·9	...	...	...	94·3	...	...	...	...	S.W. & N.W.	2·1	5·9	35·680	157
Swansea	29·925	53·3	74	45·2	306	63·6	45·2	18·4	54·4	97·0	27·0	70·0	...	...	W. & S.W.	2·1	3·7	27·250	110
Oatlands	...	50·1	77	42·1	276	65·7	37·4	28·3	51·6	97·0	18·0	79·0	...	...	S.W. & N.	2·3	6·1	15·130	111
Waratah	...	48·2	81	42·8	276	57·2	35·7	21·5	46·5	87·0	19·0	68·0	...	...	N.E. & S.W.	1·9	6·5	75·730	196

MEAN TEMPERATURE OF AIR AT UNDERMENTIONED STATIONS FOR EACH MONTH OF THE YEAR 1899.

Thermometric Results.

Months.	Hobart.	Launceston.	Low Head.	Stanley.	Strahan. *	Cape Sorell. *	Southport.	Swansea.	Oatlands.	Waratah.
January	59·5	61·1	60·0	58·9	67·0	...	57·8	60·5	55·2	51·4
February	65·5	67·1	63·3	64·1	66·2	...	60·0	62·6	62·7	59·4
March	62·3	61·5	57·0	61·7	61·6	...	59·1	64·5	59·1	53·5
April	54·0	55·8	55·4	54·2	58·7	...	53·3	54·2	48·7	48·3
May	49·9	47·6	50·0	50·6	52·7	...	47·5	48·7	44·5	41·8
June	44·6	45·3	46·8	48·5	51·1	...	...	46·6	41·7	39·0
July	45·5	42·2	44·7	47·3	47·9	...	...	45·7	41·3	38·1
August	46·7	46·5	47·5	49·3	50·2	...	...	47·1	43·8	39·4
September	52·9	51·1	50·3	51·1	...	...	...	51·8	52·5	43·3
October	53·0	51·0	51·3	51·9	...	...	...	52·2	50·9	43·0
November	57·8	59·1	57·0	56·1	...	53·9	...	57·8	57·9	48·3
December	62·8	60·3	58·7	59·1	...	56·1	...	60·7	60·4	51·9
	54·5	54·1	53·5	54·4	...	..	...	54·4	51·6	46·5

* Station moved from Strahan to Cape Sorell Lighthouse outside Macquarie Harbour.

MEAN AND EXTREME RESULTS FOR THE YEAR 1899.

From Observations taken at Hobart.

Barometer (corrected to 32° Fahrenheit, and reduced to Sea Level)—

Highest reading	30.462 inches on 9th July.
Lowest ditto	28.938 " on 9th October.
Range for year	1.524

Thermometer—

Radiation, Solar, maximum	146.2° on 21st December.
Maximum in shade	104.4° on 12th February.
Minimum ditto	31.5° on 28th June.
Range for year	72.9°.
Highest mean temperature for one month	65.52° in February.
Lowest ditto ditto	44.64° in June.

Humidity—

Highest mean for one month (saturation = 100)	87°/o in June.
Mean for the year	73°/o.

Condensation—

Total for year	20.68 inches.
Total number of days rain fell	170.
Maximum for one month	3.27 inches in June.
Minimum ditto	0.33 inches in February.
Maximum fall in 24 hours	1.57 inches on 24th June.

MEAN AND EXTREME RESULTS FROM 1885 TO 1894 AND 1898-1899, INCLUSIVE.

From Observations taken at Hobart.

	1885.	1886.	1887.	1888.	1889.	1890.	1893.	1894.	1898.	1899.
<i>Barometer</i> —										
Highest reading	30.552	30.720	30.580	30.600	30.686	30.544	30.612	30.570	30.673	30.462
Lowest ditto	28.902	28.760	28.943	29.080	28.930	28.963	29.014	28.810	28.839	28.938
Range for the year	1.650	1.960	1.647	1.520	1.756	1.581	1.598	1.760	1.834	1.524
<i>Thermometer</i> —										
Radiation, Solar, maximum	153.0	160.0	155.0	152.0	148.0	146.0	154.0	152.0	165.0	143.2
Ditto, Terrestrial, minimum	22.5	18.7	21.0	23.5	25.0	26.5	—	—	—	22.0
Maximum in the shade	91.0	100.2	103.5	98.0	96.3	97.8	94.0	89.0	102.0	104.4
Minimum ditto	29.5	29.5	30.5	29.2	32.0	31.8	34.0	35.0	34.0	31.5
Range for the year	61.5	70.7	73.0	68.8	64.3	66.0	60.0	54.0	68.0	72.9
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	69.5
Lowest ditto, ditto	44.2	45.8	46.6	45.0	47.3	44.6	46.19	47.1	44.9	42.0
<i>Humidity</i> —										
Mean maximum for one month (saturation = 100)	.88	.88	.90	.88	.90	.92	.81	.80	.83	.87
Mean for the year	.79	.78	.80	.76	.76	.78	.71	.72	.70	.73
<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	20.68
Total Number of Rainy Days	176	189	174	151	180	173	146	151	164	170
Maximum fall for one month	7.39	2.88	3.65	3.05	8.15	5.37	5.91	4.72	3.34	3.27
Minimum ditto	0.78	0.28	0.58	0.20	0.72	0.74	0.20	0.62	0.18	.33
Maximum fall in 24 hours	3.70	1.56	1.03	0.84	4.11	2.28	1.47	1.14	1.06	1.57

No meteorological observations returned for years 1895-1897.

R. M. JOHNSTON, Registrar-General.

RAINFALL IN TASMANIA DURING THE YEAR 1899, SHOWING
ALSO THE AVERAGE RAINFALL

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.
			Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.
Apslawn	James Lyne	30	2.35	10	0.22	2	4.08	8	5.17	15	2.20	9
Avoca	G. A. Cleland	600	1.59	9	0.67	4	2.90	12	1.30	10	2.06	5
Bagdad	J. T. Eddington	401	1.78	10	0.38	2	2.51	7	2.03	12	1.77	11
Bellerive	Dr. Holden	...	2.48	11	0.19	3	3.13	9	2.21	17	1.45	13
Bendemere (Ross)	L. Gatenby	...	3.02	14	1.01	6	3.32	15	2.16	17	1.79	11
Black River	S. J. Anderson	200	3.60	16	3.40	3	3.31	11	3.13	10	6.00	16
Botanical Gardens	F. Abbott	...	2.28	10	0.09	1	2.90	9	1.89	13	1.14	11
Boobyalla	Miss Lyall	15	1.57	5	0.25	3	1.71	6	2.66	10	2.67	8
Brighton	Capt. de Hoghton	...	1.42	8	0.32	3	1.64	8	0.56	8	1.22	9
Burnie	R. S. Sanderson	14	2.54	13	2.96	6	3.70	12	3.31	13	4.67	13
Campbell Town	Rev. T. M. McDowell	655	2.58	10	0.45	2	1.79	7	1.10	5	2.10	7
Cambridge	D. C. Lewis	10	2.33	8	0.00	0	1.69	5	1.73	8	0.74	4
Cape Grim	J. Wilson	...	4.12	19	2.88	5	3.42	11	2.87	12	6.15	18
Cape Wickham	G. Johnston	...	3.10	8	1.35	2	4.11	6	2.31	6	2.90	9
Carnarvon	Mrs. Wellard	60	4.29	16	0.35	4	3.63	10	1.91	10	3.85	11
Castra	R. Crawford	...	3.87	13	3.38	4	5.44	9	3.63	5	3.83	7
Cullenswood	Col. Legge	900	1.45	7	0.38	2	5.80	7	4.25	9	2.01	8
Cressy	E. Newton	...	2.54	8	1.35	3	3.17	6	1.93	8	2.95	6
Deloraine	R. P. Fumage	819	2.68	10	2.53	3	2.89	8	2.50	9	3.91	6
Fingal	H. Lyne	700	2.19	10	0.38	3	3.59	7	1.42	16	1.58	9
Frankford	A. Pritchard	900	4.99	9	2.22	3	3.89	11	2.28	7	4.27	11
Flinders Island	A. C. Hanland	...	...	...	...	...	3.23	12	2.75	12	4.72	17
Glenarry	W. J. Bryan	...	3.72	10	1.86	3	4.48	13	2.21	9	3.98	14
Glenora	W. E. Shoobridge	...	2.09	13	0.25	1	2.89	10	0.72	9	0.97	9
Glenorchy	L. N. Murdoch	173	2.22	12	0.20	4	2.61	12	2.14	14	1.13	13
Glen Lusk	G. A. Waller	1450	2.59	14	0.71	5	3.43	12	3.18	18	1.74	11
Goose Island	W. M. Kirkwood	...	2.18	13	0.49	4	4.19	11	1.66	10	5.10	10
Gould's Country	Miss J. Johnston	850	4.45	11	0.91	3	8.34	6	3.06	7	6.35	7
Great Lake	T. Earley	3700	2.80	12	0.98	4	1.78	9	2.63	12	3.77	15
Green Ponds	Miss J. Forsyth	...	1.42	9	0.37	2	1.79	8	1.83	14	1.30	9
Hamilton	W. G. Brown	...	2.03	12	0.24	1	2.76	13	0.59	12	1.19	10
Hobart	H. C. Kingsmill	160	2.83	15	0.33	7	2.14	12	1.95	18	1.39	14
Kent's Group	C. Brown	...	3.39	10	0.42	2	4.85	11	2.87	13	4.98	15
Lake Leake	T. Spencer	...	2.70	11	0.44	2	3.85	6	4.98	9	2.26	7
Launceston	T. Clements	31	3.36	9	0.61	2	2.86	10	1.81	10	3.43	13
Lilydale	W. J. Arnold	910	4.55	8	1.10	2	...	...	...	...	...	...
Low Head	A. Rockwell	92	2.74	11	0.56	3	3.79	10	2.36	9	3.08	14
Maatsuyker Island	H. Nas	...	2.87	21	0.73	6	2.96	15	3.80	20	3.34	18
Macquarie Plains	E. Dean	150	2.41	9	0.18	2	2.55	8	0.53	7	0.83	4
Mathinna	Mrs. M. Crase	...	2.11	6	0.34	2	4.82	5	1.04	5	...	...
Mount Lyell	P. E. Kaepfel	...	13.68	23	5.59	7	6.59	17	4.05	14	8.46	20
Mount Nelson	W. Duffy	1191	3.52	13	0.27	3	2.28	8	2.49	13	1.72	11
New Norfolk	R. W. G. Shoobridge	30	1.35	8	0.59	2	1.80	8	0.76	8	1.07	7
New Town	F. J. Young	275	2.64	13	0.38	6	2.36	14	2.23	17	1.37	14
Oatlands	Miss H. Lynch	1348	1.65	9	0.15	1	2.51	8	1.89	13	1.30	8
Ornley	S. Grueber	800	1.61	11	0.42	2	3.44	8	2.68	11	1.58	6
Port Sorell	Major Dumbleton	25	2.49	9	1.32	3	2.65	11	2.30	9	3.72	13
Richmond	A. J. Ogilvy	...	2.75	12	0.18	2	1.71	13	1.62	14	1.15	11
Ringarooma	G. Fry	...	5.16	11	2.32	4	5.46	6	2.93	5	4.05	6
Rokeby	Mrs. Percy	...	3.31	12	0.33	6	2.19	8	1.90	10	1.59	10
Ross	T. Parramore	580	1.84	10	0.39	3	1.83	6	1.07	7	1.75	6
Sandford	W. L. May	...	2.79	10	0.16	2	2.49	11	2.00	10	1.06	8
St. Helens	H. Grant	20	2.20	9	0.93	6	3.28	6	3.70	10	2.98	10
Scamander	J. G. Walker	...	...	...	...	...	...	...	...	...	1.74	8
Scottsdale	R. Winter	644	5.23	10	1.95	3	5.12	10	2.36	6	4.70	11
Shannon	W. R. Brown	...	...	...	...	...	...	...	...	...	1.39	9
Sorell	G. H. Read	40	2.85	15	0.11	3	2.30	11	2.48	16	1.13	11
South Bruny	W. Hawkins	180	3.25	18	1.51	9	2.80	10	2.19	18	2.47	16
Southport	Mrs. Ransom	17	3.29	20	1.11	7	2.94	14	2.44	14	2.02	9
Springs	Miss Gadd	2872	7.15	21	2.04	12	9.53	18	15.12	22	7.25	17
Stanley	H. G. Spicer	65	2.87	21	2.19	5	2.62	15	2.71	13	5.67	23
Strahan	J. Donnelly	11	10.56	18	3.40	6	6.31	12	4.29	8	7.84	14
Swan Island	R. Roberts	...	2.53	10	0.55	2	0.85	4	1.60	8	3.55	8
Swansea	A. W. Smith	35	3.95	9	0.09	2	3.12	11	3.70	12	1.78	8
Waratah	C. E. Hardy	2000	9.14	24	4.83	9	4.34	14	4.04	15	6.48	19
Waterworks, Hobart	M. Brazzil	...	3.61	19	0.72	7	3.74	14	4.23	20	1.86	17
Zeehan	R. F. Waller	535	10.64	24	5.78	9	4.95	18	4.57	16	8.19	17

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

June.		July.		August.		September.		October.		November.		December.		TOTAL.		AVERAGE.	
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.	Years.
Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.
3.61	13	0.86	13	3.68	13	1.38	9	0.68	6	3.54	11	1.85	7	29.62	116	31.13	10
2.20	11	0.55	6	0.73	7	1.34	7	0.94	4	1.14	5	1.75	5	17.17	85	21.84	9
1.95	13	0.53	7	1.01	13	1.39	9	1.43	16	2.01	21	0.86	9	17.65	130	24.10	10
3.52	13	0.90	14	0.89	8	2.34	11	1.14	15	2.18	14	0.86	11	21.29	139	19.28	3
3.53	16	1.11	14	1.04	14	2.48	16	3.26	17	1.21	12	2.41	9	26.34	161	26.34	1
5.02	11	0.99	9	1.28	10	3.75	23	4.69	14	2.92	17	1.49	11	39.58	151	42.73	12
2.87	12	1.76	12	0.77	8	1.94	5	1.12	13	1.67	12	0.61	5	19.04	111	21.04	17
1.60	6	2.06	10	1.68	7	3.24	7	3.37	12	2.54	7	1.24	5	24.59	86	25.84	10
1.57	11	0.30	10	0.58	10	1.23	10	1.24	13	1.87	14	0.68	10	12.63	114	12.63	1
6.73	15	1.51	11	1.74	10	3.17	19	3.95	14	3.40	12	2.01	12	39.69	150	37.08	14
1.40	10	0.58	4	0.78	15	1.29	7	1.68	10	0.60	8	2.06	6	16.41	91	19.11	10
2.66	8	0.70	3	0.49	2	2.02	6	0.80	5	2.31	6	0.75	6	16.22	61	20.74	10
5.29	18	1.66	16	1.21	15	3.32	20	2.76	19	4.42	20	1.87	14	39.97	187	37.65	11
5.39	14	0.81	4	2.01	5	2.63	10	0.91	9	2.26	6	0.61	3	28.39	82	28.49	23
2.90	10	2.45	18	1.49	10	3.69	11	3.84	17	2.64	13	1.51	7	32.55	137	40.30	20
9.13	9	0.95	2	2.28	3	3.61	6	4.48	7	4.28	5	1.97	6	46.85	76	52.26	12
2.50	11	0.69	8	3.35	13	0.96	5	0.74	8	2.82	7	0.63	3	25.58	88	26.70	4
2.24	8	1.12	3	0.60	6	1.06	5	2.23	6	0.81	6	1.45	5	21.45	70	21.45	1
4.99	10	1.31	5	0.98	6	2.92	14	3.73	11	2.81	12	1.88	8	33.13	102	36.19	15
3.06	13	0.62	7	2.59	12	1.01	10	1.01	9	0.85	10	0.70	5	19.00	111	25.58	15
7.14	10	1.48	6	1.28	5	3.70	12	3.35	10	3.51	13	1.45	6	39.56	103	38.82	7
4.14	17	0.92	14	3.83	19	1.68	16	1.59	13	1.49	13	0.80	7	...	...	...	...
6.62	10	1.47	5	1.15	8	3.82	14	4.12	14	3.58	13	2.22	9	39.23	122	39.23	1
1.81	10	0.89	8	0.43	10	1.67	10	1.69	14	1.36	9	1.45	11	16.22	114	22.89	26
2.97	12	1.11	10	0.85	9	2.56	8	1.39	13	1.64	14	1.60	12	20.42	133	20.42	1
2.96	17	1.13	14	1.05	11	2.57	10	1.48	10	2.78	14	1.71	10	25.33	146	28.00	4
4.37	13	0.66	9	1.97	12	1.39	13	1.78	10	0.70	10	0.45	8	24.95	123	22.98	25
3.51	7	1.92	9	3.25	8	2.40	9	4.33	10	1.73	5	2.28	5	42.53	87	48.50	13
2.22	20	1.68	16	1.72	14	2.77	17	3.47	18	4.43	16	4.22	11	32.42	164	34.45	10
2.31	9	0.40	9	0.91	6	1.16	8	0.74	7	2.63	16	0.73	11	15.59	108	17.50	5
1.72	16	0.46	12	0.42	12	1.02	13	1.43	15	1.24	10	1.17	12	14.13	138	17.79	14
3.27	20	1.15	14	0.89	13	1.84	12	1.28	17	2.66	16	0.96	12	20.68	170	23.11	55
3.76	10	0.49	4	1.71	10	1.21	7	2.13	11	1.13	6	0.36	5	27.30	104	28.08	26
1.92	8	1.51	6	1.79	8	1.94	10	1.73	8	1.60	7	2.28	6	27.00	88	35.10	7
4.01	10	1.12	5	0.37	6	2.51	15	2.65	14	1.31	13	1.79	8	25.83	115	28.44	15
...	...	...	...	...	...	No	record	kept.	...	...	...	...	...	...	...	...	...
4.37	11	1.45	10	0.71	9	2.77	16	2.26	14	1.49	10	0.80	6	26.38	123	26.86	16
3.82	20	2.30	19	3.21	17	2.99	19	3.15	22	4.94	20	1.61	16	35.72	213	36.33	6
1.53	4	0.57	5	0.27	3	1.62	8	1.42	12	0.98	9	0.79	8	13.68	79	19.26	8
2.97	6	0.30	4	1.85	9	1.08	9	1.97	8	1.48	7	1.52	4	...	...	32.82	6
6.62	17	7.45	19	3.94	12	7.45	20	9.70	24	15.49	23	9.79	15	98.81	211	119.71	5
2.89	13	1.10	10	1.14	9	2.15	8	1.25	13	2.10	9	1.01	7	21.92	117	25.62	27
2.05	8	0.78	8	0.33	8	1.90	10	1.44	13	1.67	15	1.35	11	15.09	106	22.16	11
3.25	17	1.20	14	1.13	15	2.51	12	1.20	16	1.84	14	1.03	11	21.14	163	24.55	8
1.44	10	0.61	6	0.75	12	1.51	10	1.35	14	0.91	12	1.06	8	15.13	111	21.10	13
2.14	8	0.44	...	1.89	...	1.07	...	1.03	...	1.18	...	1.61	...	19.09	...	24.33	11
4.25	15	1.11	10	0.61	8	2.85	13	2.48	11	1.53	12	1.36	9	26.67	123	28.31	8
2.60	14	0.49	11	0.60	13	1.69	10	1.03	13	2.70	14	0.89	9	17.41	136	21.02	16
7.91	9	2.15	11	2.73	15	4.06	18	5.43	16	4.03	13	1.85	8	48.08	122	48.08	1
3.33	11	1.16	11	0.82	12	2.64	8	1.09	16	2.64	13	0.87	11	21.87	128	23.37	15
1.20	8	0.52	6	0.51	11	1.22	12	1.52	11	0.44	8	1.47	5	13.76	93	17.09	11
3.24	11	1.11	8	0.86	8	2.38	7	1.22	11	2.91	11	1.12	7	21.34	104	20.53	5
2.72	12	0.80	7	4.63	13	1.00	6	1.50	10	1.45	7	0.24	1	25.43	97	29.92	10
1.95	10	0.66	7	3.59	12	0.62	7	0.98	9	1.14	8	0.29	2	...	...	...	...
7.32	9	1.97	9	1.73	7	3.81	17	4.16	15	3.82	10	1.88	6	44.05	113	43.51	14
2.26	11	0.78	13	0.54	13	1.14	9	1.10	10	...	...	...	...	...	...	...	...
2.32	15	1.01	13	0.83	11	2.79	7	1.18	13	2.90	13	1.02	7	20.92	135	22.75	12
3.11	16	3.03	15	1.47	13	2.66	15	3.76	21	6.18	20	2.65	15	35.08	186	38.42	26
5.50	17	2.89	14	1.45	7	3.20	12	2.65	19	5.17	14	3.02	10	35.68	157	40.45	17
8.95	19	6.67	16	7.19	16	6.11	16	6.41	21	10.02	19	5.04	13	91.48	210	59.09	4
4.27	22	1.42	18	1.13	14	3.17	19	2.22	17	2.42	18	1.03	12	31.72	197	32.37	17
6.59	13	5.40	14	2.30	6	...	...	...	...	...	...	...	...	...	...	55.27	5
3.03	8	1.27	8	0.76	10	1.74	12	1.81	9	1.10	4	0.95	3	19.74	86	24.78	24
3.82	13	1.27	12	3.26	13	1.44	7	1.30	8	2.14	10	1.38	5	27.25	110	27.91	15
7.78	13	4.62	15	2.79	9	7.28	23	7.87	21	9.12	19	7.54	14	75.83	196	78.56	15
4.39	18	1.22	10	2.43	13	2.03	13	1.40	19	2.67	17	1.75	13	30.05	180	30.56	2
7.69	12	6.62	17	3.07	10	7.09	24	8.66	21	15.84	21	7.27	17	90.37	206	89.78	8

* New stations.

MEAN Results 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.	41·33
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.	92·37
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.]

TASMANIA

Scale 15 miles to an inch
RAINFALL 1899

RAINFALL IN TASMANIA. 1899.

Station.	Inches.	Feet. above Sea Level.
1. Apalawn	99.62	30
2. Avoca	17.17	600
3. Bagdad	17.65	401
4. Bellerville	21.29	—
5. Bendemere (Road)	26.24	200
6. Black River	39.25	—
7. Botanical Gardens	19.04	—
8. Boobyalla	24.89	18
9. Brighton	12.63	—
10. Burnie	39.69	14
11. Campbell Town	16.41	655
12. Cambridge	18.22	130
13. Cape Grim	39.97	—
14. Cape Wickham	28.89	—
15. Carnarvon	25.65	60
16. Castra	46.68	900
17. Cullinawood	25.68	900
18. Cressy	21.45	819
19. Deloraine	33.13	700
20. Fingal	19.00	900
21. Frankford	39.66	900
22. Glenagarry	39.23	—
23. Glenorchy	18.22	—
24. Glenorchy	30.42	173
25. Glen Lusk	25.33	1450
26. Goose Island	24.96	880
27. Gould's Country	42.93	80
28. Great Lake	22.43	3700
29. Green Ponds	15.59	—
30. Hamilton	14.13	160
31. Hobart	20.18	—
32. Kent's Group	27.30	—
33. Lake Leake	37.00	—
34. Launceston	26.38	92
35. Maatsuyker Island	35.72	150
36. Macquarie Plains	13.65	—
37. Mount Lyell	98.81	1381
38. Mount Nelson	21.92	30
39. New Norfolk	15.09	30
40. New Town	21.14	975
41. Outlands	19.13	1348
42. Ormley	19.08	800
43. Port Sorell	24.67	25
44. Richmond	17.41	—
45. Ringarooma	46.08	—
46. Rokeby	21.87	—
47. Ross	13.76	580
48. Sandford	21.34	—
49. St. Helens	24.43	20
50. St. Helens	14.05	644
51. Scottsdale	20.93	40
52. South Bruny	35.08	180
53. Southport	35.68	17
54. Springs	91.48	2872
55. Stanley	31.72	65
56. Swan Island	19.74	85
57. Swansea	27.26	2000
58. Waratah	75.73	—
59. Waterworks, Ho- bart	30.05	—
60. Zeehan	90.37	535

REFERENCE

- Towns settled and partially so
- Town Reserves
- Railways constructed and being constructed
- Roads
- County boundaries
- Rainfall

DELORAIN

EBBINGTON

The diameters of the circles represent
the amount of rainfall in inches
according to the scale shown above