

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the Month of December, 1915. Observations taken 9 a.m.

Altitude of Observatory, 8 ft.

Date.	Barometer reduced and corrected in Inches to Lat. 49°.	From Self-registering Instruments for Twenty-four Hours previously.							Amount of Cloud, 0 to 10.	Direction of Wind.	Rainfall, in Points (100 to 1 Inch).
		Max. Temp. in Shade.	Min. Temp. in Shade.	Mean Temp. in Shade.	Solar Radiation.	Terrestrial Radiation.	Veloc. Wind in Miles.				
1	29.863	63.2	53.0	58.1	127.8	48.6	413	5	N.	2	
2	30.141	63.8	45.6	54.7	131.6	34.4	147	5	N.	..	
3	30.069	61.6	54.0	57.8	127.8	49.0	408	8	N.	..	
4	30.109	63.4	57.2	60.3	132.0	52.6	382	8	N.	..	
5	30.019	64.8	57.6	61.2	133.8	54.8	460	5	S.	..	
6	30.119	67.1	47.8	57.6	132.4	33.6	150	3	Calm	..	
7	29.819	71.0	56.4	63.7	130.0	52.6	335	10	N.	1	
8	29.579	64.6	56.2	60.4	123.8	51.2	485	4	N.W.	2	
9	29.959	67.8	52.6	60.2	130.6	47.4	340	4	S.	..	
10	29.969	68.0	55.8	61.9	132.8	50.0	265	6	N.	..	
11	30.033	67.8	56.6	62.2	132.4	53.4	262	8	N.	..	
12	30.039	65.0	57.2	61.1	130.2	53.6	353	10	N.	..	
13	30.103	63.2	55.8	59.5	131.6	53.8	270	8	S.	..	
14	30.099	70.0	58.2	64.1	137.8	55.6	140	5	S.	..	
15	30.070	74.2	57.8	66.0	131.6	45.4	240	5	N.	..	
16	30.070	68.2	62.6	65.4	137.4	58.0	420	10	N.	5	
17	29.969	70.2	63.4	66.8	143.6	60.2	460	10	N.	..	
18	29.950	67.8	61.2	64.5	118.0	58.8	450	10	S.	..	
19	30.133	67.4	55.8	61.6	123.4	52.4	233	10	Calm	..	
20	30.089	76.0	56.6	66.3	147.0	45.2	107	10	N.	..	
21	30.059	72.8	63.4	68.1	138.6	61.6	283	10	N.	..	
22	30.020	65.6	58.4	62.0	137.8	56.4	367	10	S.	..	
23	29.959	62.4	57.8	60.1	137.4	56.0	130	10	N.	4	
24	29.809	71.8	59.4	65.6	138.2	56.2	105	10	N.E.	32	
25	29.972	65.6	57.2	61.4	128.6	55.4	225	10	S.	..	
26	30.012	69.8	49.6	59.7	135.8	40.0	180	5	N.	..	
27	29.539	77.6	61.4	69.5	138.0	59.0	129	10	N.	70	
28	29.869	72.0	48.4	60.2	135.6	46.4	271	8	S.	5	
29	30.129	59.6	47.2	53.4	118.4	44.0	320	8	S.	..	
30	30.113	59.4	49.0	54.2	115.0	45.4	270	8	N.W.	..	
31	29.989	62.8	56.6	59.7	112.6	50.2	310	5	N.	..	
*	29.986	67.2	55.8	61.5	131.3	51.0	287	7.7	..	121	
†	29.863	66.9	53.8	60.4	124.3	46.9	277	..	..	333

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
17	1	..	..	9	..	..	2	2

NOTE.—A bright sunny month, with moderate to strong northerly winds prevailing, and the rainfall considerably below the mean of previous years. Total bright sunshine, 218 hours 16 minutes, averaging 7 hours 2 minutes per day, and one sunless day. The mean earth-temperature at 1 ft. was 60.3°, and 64.5° at 3 ft. Mean dew-point, 52.9°; mean elastic force of vapour, 0.401 in.; mean relative humidity, 74 per cent. of saturation.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM THE CHIEF STATIONS.

December, 1915.

Altitude above Sea-level.	Name of Station and Observer	Absolute Mean Temp. Air in Shade.	Extremes.		Total Rainfall (100 Points to the Inch).	Days with Rain (½ Point or more).
			Mean Max. Temp.	Mean Min. Temp.		
NORTH ISLAND.						
20	RUAWAI ..	Deg. 64.8	Deg. 75.4	Deg. 54.3	Points. 86	Dys. 4
	Dr. H. M. Levinge					
125	AUCKLAND ..	63.5	70.1	56.8	54	5
	T. F. Cheeseman					
46	TE AROHA ..	61.8	71.2	52.4	34	3
	G. F. McGirr					
925	ROTORUA ..	60.8	70.5	51.2	143	9
	L. J. Bayfield					
340	WAIHI ..	63.6	74.1	53.1	279	9
	P. A. Clifford					
..	TAURANGA ..	62.9	72.9	52.9	174	6
	C. J. Butcher					
160	NEW PLYMOUTH ..	61.0	68.2	53.8	230	9
	W. W. Smith					
250	MOUMAHAKI ..	59.8	68.8	50.9	271	8
	J. Kirkland					
2080	TAIHAPE ..	57.7	66.6	48.8	199	13
	A. R. Fannin					
100	PALMERSTON NORTH ..	62.4	71.8	53.0	196	12
	J. E. Vernon					
186	GREYTOWN ..	62.9	73.9	51.9	201	7
	W. C. Davies					
377	MASTERTON ..	63.2	74.9	51.6	197	8
	Wm. Hood					
20	GISBORNE ..	64.5	76.2	52.8	193	5
	C. H. Ferris					
70	GREENMEADOWS, NA-PIER ..	66.4	77.3	55.6	152	8
	Rev. W. B. Buckley					
10	WELLINGTON ..	61.5	67.2	55.8	121	8
	F. W. Simms					
SOUTH ISLAND.						
34	NELSON ..	Deg. 62.8	Deg. 70.9	Deg. 54.7	Points. 166	Dys. 6
	Rev. J. P. Kempthorne					
1220	HANMER SPA ..	58.0	67.8	48.3	228	7
	J. F. Robieson					
25	CHRISTCHURCH ..	60.7	70.4	51.0	175	14
	H. F. Skey					
42	LINCOLN ..	62.2	72.7	51.7	105	10
	L. J. Wild					
..	RAKAI ..	60.0	71.1	49.0	182	10
	Miss A. Hardy					
130	TIMARU ..	60.2	70.3	50.2	105	11
	Caretaker of Domain					
90	WAIMATE ..	58.6	68.3	48.9	113	11
	W. M. Hamilton					
300	DUNEDIN ..	56.9	64.8	49.1	265	10
	D. Tannock					
245	GORE ..	55.8	65.2	46.4	260	15
	H. Dolamore					
12	HOKITIKA ..	57.3	63.2	51.5	1272	18
	F. T. Sandford					
12	INVERCARGILL ..	55.4	63.0	47.8	500	17
	L. Lennie					
ERRATA.						
..	Gisborne (November)	61.5	..	52.0	..	..

SUMMARY FOR THE MONTH OF DECEMBER, 1915.

The west coast of the South Island and also a small portion of the Wanganui district again experienced more than the average rainfall, but elsewhere there was a deficiency in the total for the month.

The various atmospheric disturbances were mostly of slight intensity, and therefore not favourable to general rains.

Fair and warm weather prevailed generally, and between the 15th and 20th many districts experienced particularly high temperatures.

D. C. BATES, Director.