

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the Month of December, 1912. Observations taken 9 a.m.

Altitude of New Observatory, 8 ft.

Date.	Barometer reduced and corrected in inches.	From Self-registering Instruments, for Twenty-four Hours previously.						Solar Radiation.	Terrestrial Radiation.	Veloc. Wind in Miles.	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.	Fah.	Fah.	Fah.						
1	29.819	58.6	45.0	51.8	124.2	35.6	302	8	S.E.	..	..	..
2	29.729	62.8	55.0	58.9	129.8	52.6	198	7	N.W.	3	3	..	
3	29.553	59.8	46.2	53.0	118.0	36.6	238	10	N.E.	31	..	..
4	29.649	58.8	51.4	55.1	117.4	48.6	314	10	S.	..	..	..
5	29.929	61.2	49.6	55.4	125.2	44.0	194	8	Calms	1	..	..
6	30.069	63.8	45.8	54.8	123.0	35.6	84	5	N.	..	..	..
7	30.069	67.6	54.8	61.2	138.8	45.2	196	7	N.	..	..	..
8	30.061	61.8	55.2	58.5	135.8	51.6	394	7	N.	..	..	..
9	29.909	64.2	55.6	59.9	142.2	53.0	290	6	N.	..	..	..
10	29.902	66.0	59.2	62.6	132.0	57.0	368	7	N.	..	..	..
11	30.069	73.8	54.2	64.0	147.4	53.8	174	10	S.	..	..	..
12	30.209	70.8	54.2	62.5	126.0	42.6	80	0	N.W.	..	..	..
13	30.343	76.2	59.0	67.6	131.8	46.2	166	4	N.W.	..	..	..
14	30.299	73.6	62.2	67.9	136.0	58.8	226	7	N.W.	..	..	..
15	30.153	69.4	61.2	65.3	136.0	59.0	314	7	N.	..	..	..
16	29.810	68.8	59.8	64.3	131.6	58.0	522	8	N.	..	..	..
17	29.793	68.6	53.4	61.0	135.0	42.0	278	6	N.	..	..	..
18	29.619	66.2	57.4	61.8	130.6	53.2	414	5	N.	6	..	..
19	29.330	68.2	58.4	63.3	133.0	56.0	438	10	N.W.	16	..	..
20	29.671	67.0	56.2	61.6	127.0	51.0	364	3	N.	1	..	..
21	29.952	66.0	45.2	55.6	133.4	33.0	214	5	N.	5	..	..
22	30.172	64.6	53.2	58.9	129.0	46.0	320	8	S.	..	..	..
23	30.252	62.8	51.8	57.3	130.6	49.0	432	6	S.	..	..	..
24	30.200	66.8	46.6	56.7	133.2	32.0	178	7	S.	4	..	..
25	30.149	74.0	56.6	65.3	142.2	55.0	144	8	S.	..	..	..
26	29.992	77.4	54.2	65.8	137.0	41.6	112	7	N.	..	..	..
27	30.089	74.8	55.0	64.9	130.6	43.2	144	1	N.	..	..	..
28	30.109	77.8	59.8	68.8	136.6	54.6	156	8	N.	..	..	..
29	30.099	69.0	54.6	61.8	140.0	42.6	310	6	N.E.	..	..	..
30	29.982	73.0	56.6	64.8	136.6	45.0	166	10	N.	..	..	..
31	29.959	66.8	60.8	63.8	138.0	59.0	452	6	N.	13	..	..
*	29.965	67.7	54.4	61.1	132.5	47.7	264	6.6	..	..	80	..
†	29.863	66.9	53.8	60.3	124.3	46.9	323	..	..	..	330	..

* Means, &c. † Means previous years.

NOTE.—A warm and dry month, with northerly winds prevailing. Total bright sunshine, 243 hours 20 minutes; average sunshine, 7 hours 51 minutes per diem. One frost was recorded. Earth temperature during the month rose 13 degrees at a depth of 1 ft. and 3 ft., while the mean temperature at the former was 64.4° and 61.9° at the latter depth. Mean dew-point, 51.4°; mean elastic force of vapour, 0.379 inches; mean relative humidity, 70 per cent. of saturation.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
16	2	..	1	6	..	..	5	1

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM THE CHIEF STATIONS.

December, 1912.

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 (4 Point or more).
			Mean Max. Temp.	Mean Min. Temp.		
Ft.	NORTH ISLAND.	Deg.	Deg.	Deg.	Points.	Dys.
..	DARGAVILLE ..	68.8	76.6	61.3	53	8
125	Dr. H. M. Levinge	..	..	..	..	..
..	AUCKLAND ..	62.8	69.4	56.3	81	7
..	T. F. Cheeseman	..	..	..	..	..
..	TE AROHA ..	65.8	76.3	55.4	104	4
..	G. F. McGirr	..	..	..	..	..
925	ROTORUA ..	60.7	72.2	49.1	56	3
..	J. F. Robieson	..	..	..	..	..
370	WAIHI ..	60.2	72.1	48.4	154	8
..	H. B. Devereux	..	..	..	..	..
130	RUAKURA ..	61.3	73.0	49.6	55	6
..	C. Cussen	..	..	..	..	..
63	NEW PLYMOUTH ..	62.1	71.9	52.3	202	4
..	W. D. Fletcher	..	..	..	..	..
250	MOUMAHAKI ..	60.0	68.4	51.7	29	2
..	A. S. Huntington	..	..	..	..	..
2080	TAIHAPE ..	56.9	66.2	47.6	90	6
..	A. R. Fanning	..	..	..	..	..
..	PALMERSTON NORTH	59.7	69.2	50.3	57	4
..	J. E. Vernon	..	..	..	..	..
119	LEVIN ..	..	..	..	..	..
377	MASTERTON ..	61.4	74.4	48.5	54	6
..	Wm. Hood	..	..	..	..	..
..	GISBORNE ..	62.0	72.4	51.6	6	1
..	C. H. Ferris	..	..	..	..	..
14	GREENMEADOWS, NA-PIER	63.2	72.4	54.1	Nil	Nil.
..	Very Rev. Dean Smyth	..	..	..	..	..
10	WELLINGTON ..	61.1	67.7	54.4	80	9
..	F. W. Simms	..	..	..	..	..
34	SOUTH ISLAND.	Deg.	Deg.	Deg.	Points.	Dys.
..	NELSON ..	63.4	73.8	53.0	51	4
..	Rev. J. P. Kempthorne	..	..	..	..	..
1218	HANMER SPA ..	60.0	72.7	47.2	178	8
..	Dr. J. C. Duncan	..	..	..	..	..
25	CHRISTCHURCH ..	59.8	69.3	50.4	47	7
..	H. F. Skey	..	..	..	..	..
42	LINCOLN ..	60.8	71.6	50.0	87	9
..	G. Gray	..	..	..	..	..
130	TIMARU ..	59.7	69.0	50.4	86	9
..	Caretaker of Domain	..	..	..	..	..
90	WAIMATE ..	57.8	67.0	48.6	162	10
..	W. M. Hamilton	..	..	..	..	..
300	DUNEDIN ..	56.2	66.2	46.3	350	4
350	GORE ..	57.3	68.8	45.9	242	14
..	Captain A. A. Scott	..	..	..	..	..
12	HOKITIKA ..	57.7	64.2	51.2	294	11
..	A. D. Macfarlane	..	..	..	..	..
18	INVERCARGILL ..	57.0	66.7	47.3	366	18
..	L. Lennie	..	..	..	..	..

AVERAGES DERIVED FROM THE MONTHLY CLIMATOLOGICAL TABLES FROM AUGUST, 1904, TO DECEMBER, 1912 (INCLUSIVE).

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Averages.
NORTH ISLAND—													
Mean temperature..	53.3	63.4	62.1	57.8	53.0	49.6	48.1	49.9	51.9	54.7	58.0	61.3	Annual. 56.1° F.
Rainfall, in points (100=1 in.)	333	314	491	414	466	465	591	417	439	433	345	346	50.54 in.
Days with rain ..	10.0	8.4	11.9	13.7	14.2	16.1	17.3	13.9	16.7	15.7	13.4	11.6	163 days.
SOUTH ISLAND—													
Mean temperature..	59.7	60.2	58.3	53.1	48.4	44.3	42.2	44.6	48.6	52.1	55.3	58.5	52.1° F.
Rainfall, in points (100=1 in.)	380	244	403	349	327	464	427	337	440	428	326	403	45.28 in.
Days with rain ..	12.5	7.7	12.1	12.4	11.4	14.0	13.9	13.1	15.5	15.3	13.7	13.7	155 days.