

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the Month of November, 1913. Observations taken 9 a.m.

Altitude of Observatory, 8 ft.

Date.	Barometer reduced and corrected in inches to Lat. 45°.	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.	Solar Radiation.	Terrestrial Radiation.						
1	29-739	68-0	55-8	61-9	141-8	53-0	334	10	N.W.	22		
2	29-612	64-8	53-2	59-0	132-0	52-0	90	10	S.	24		
3	29-879	55-6	49-0	52-3	80-0	48-0	516	10	S.	..		
4	29-989	57-2	50-6	53-9	110-6	50-0	340	10	S.	..		
5	29-799	61-4	46-2	53-8	121-6	36-6	92	8	N.	14		
6	29-422	60-8	53-0	56-9	130-0	50-4	270	8	N.W.	25		
7	29-370	61-6	49-0	55-3	123-0	47-0	420	8	N.W.	..		
8	29-632	60-0	52-6	56-3	136-2	47-8	210	3	N.W.	..		
9	29-803	63-6	52-0	57-8	135-6	50-8	176	8	S.	..		
10	29-829	64-0	53-2	58-6	124-2	51-6	280	3	Calm	..		
11	29-579	71-8	56-2	64-0	129-6	53-6	224	8	N.W.	66		
12	29-709	63-6	47-8	55-7	134-0	46-2	402	10	S.	6		
13	29-622	50-4	41-6	46-0	108-2	40-2	218	10	S.	..		
14	30-019	58-0	44-8	51-4	118-6	39-2	160	4	E.	..		
15	29-889	57-0	47-2	52-1	80-0	35-2	51	10	N.	4		
16	29-962	60-4	52-2	56-3	112-2	43-6	49	10	N.	45		
17	29-519	64-8	54-6	59-7	125-6	52-6	68	10	N.	82		
18	29-340	68-6	54-6	61-6	132-6	52-0	426	10	N.	15		
19	29-629	64-2	55-4	59-8	124-0	49-6	357	8	S.	..		
20	29-832	68-0	46-4	57-2	134-6	34-6	130	7	S.E.	..		
21	29-890	70-6	47-8	59-2	139-2	36-2	71	6	S.	..		
22	29-910	71-0	47-2	59-1	131-6	34-6	134	3	N.	..		
23	29-829	68-2	56-8	62-5	133-6	53-2	355	8	N.	1		
24	29-789	65-2	57-4	61-3	142-0	53-6	417	6	N.W.	40		
25	29-559	67-2	56-8	62-0	128-6	53-8	360	8	N.	34		
26	29-410	65-2	56-8	61-0	126-4	51-6	340	6	N.W.	16		
27	29-280	63-2	52-6	57-9	137-6	48-8	493	8	N.	1		
28	29-469	63-0	48-8	55-9	135-6	35-4	263	5	N.W.	13		
29	29-200	66-4	52-2	59-3	128-6	48-0	376	6	S.	5		
30	29-310	63-6	44-2	53-9	133-6	41-0	284	8	N.	2		
*	29-670	63-6	51-2	57-4	125-9	46-3	263	7-6	..	415		
†	29-873	63-5	50-3	56-8	120-2	43-6	271	..	..	338

* Means, &c.

† Means previous years.

DIRECTION OF WIND.

	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
10	..	1	1	9	..	..	8	1	

NOTE.—Low barometric pressure ruled during the month, and showery weather was experienced, with northerly and north-westerly winds prevailing. Total bright sunshine 188 h. 51 m., and one sunless day. The mean earth temperature at 1 ft. was 60-5° and 59-7° at 3 ft. Mean dew-point, 49-5°; mean elastic force of vapour, 0-355 in.; and mean relative humidity, 75 per cent. of saturation.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM THE CHIEF STATIONS.

November, 1913.

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.		
Ft.	NORTH ISLAND.	Deg.	Deg.	Deg.	Points.	Dys.
20	DARGAVILLE .. Dr. H. M. Levinge	63-9	68-4	59-5	499	19
125	AUCKLAND .. T. F. Cheeseman	60-0	66-1	54-0	616	22
..	TE AROHA .. G. F. McGirr	57-8	70-7	44-9	823	20
925	ROTORUA .. J. F. Robieson	56-8	66-1	47-5	680	21
370	WAIHI .. H. B. Devereux	58-8	67-6	49-9	1391	26
..	TAURANGA .. C. J. Butcher	59-6	68-7	50-5	808	19
63	NEW PLYMOUTH .. W. D. Fletcher	61-5	72-2	50-8	564	21
250	MOUMAHAKI .. A. S. Huntington	57-0	66-0	48-0	332	17
2080	TAHAE .. A. R. Fannin	52-1	59-6	44-5	532	20
..	PALMERSTON NORTH .. J. E. Vernon	56-9	65-5	48-3	492	19
186	GREYTOWN .. W. C. Davies	56-6	65-6	47-7	261	18
377	MASTERTON .. Wm. Hood	55-8	67-0	44-6	384	20
..	GISBORNE .. C. H. Ferris	59-4	69-7	49-1	253	14
14	GREENMEADOWS, NA-PIER .. Very Rev. Dean Smyth	60-5	68-8	51-3	396	8
10	WELLINGTON .. F. W. Simms	57-4	63-6	51-2	415	18
34	SOUTH ISLAND.	Deg.	Deg.	Deg.	Points.	Dys.
..	NELSON .. Rev. J. P. Kempthorne	58-4	67-5	49-3	570	20
1218	HANMER SPA .. Dr. J. C. Duncan	53-7	64-5	42-9	439	19
25	CHRISTCHURCH .. H. F. Skey	55-2	63-7	46-8	202	16
42	LINCOLN .. G. Gray	55-6	64-6	46-6	270	17
349	RAKAI .. G. S. Hardy	..	..	..	..	..
130	TIMARU .. Caretaker of Domain	54-8	62-7	46-9	313	16
90	WAIMATE .. G. V. Cochrane	53-2	60-3	46-1	514	19
300	DUNEDIN .. D. Tannock	51-8	58-3	45-3	499	19
350	GORE .. Captain A. A. Scott	52-5	62-5	42-6	322	15
12	HOKITIKA .. F. T. Sandford	54-4	61-4	47-5	1004	21
18	INVERCARGILL .. L. Lennie	52-9	62-5	43-3	320	18

SUMMARY FOR NOVEMBER.

The weather in November just passed has been remarkably similar to that experienced in the same month last year. As in the previous November, so in this there was an almost total absence of well-developed anticyclones, and the numerous depressions which accounted for the lack of settled conditions were not unlike those in November, 1912, both as regards type and intensity.

Between the 19th and 23rd fair weather generally prevailed, but during the remainder of the month dull and unsettled conditions were the rule.

The most unfavourable conditions were experienced about the 6th, the 18th, and during the last week, the disturbing cause in each case being a westerly area of low pressure, those passing on the 6th and 18th being apparently of a cyclonic nature.

Precipitation was considerably above the average throughout the Dominion.

Meteorological Office, Wellington, 13th January, 1914.

D. C. BATES, Director.