

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of November, 1917. 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.				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.						
1	29.877	59.7	54.0	56.8	124.0	50.5	257	7	S.	..	
2	29.984	63.7	50.7	57.2	137.0	41.4	126	6	S.	..	
3	30.154	66.9	49.3	58.1	132.0	38.2	114	6	S.	..	
4	30.325	63.5	50.3	56.9	133.0	40.0	209	10	S.	..	
5	30.280	61.1	45.6	53.3	130.0	35.0	134	2	NNW	Trace	
6	30.075	64.5	57.7	61.1	128.0	53.0	371	10	N.W.	Trace	
7	30.093	61.6	51.2	56.4	126.0	50.4	485	10	S.	Trace	
8	30.064	61.9	50.5	56.2	126.0	48.6	188	1	NNE	..	
9	30.177	66.0	54.1	60.0	128.0	42.0	224	3	N.	..	
10	30.177	68.1	57.0	62.5	135.0	50.4	188	6	N.W.	Trace	
11	30.442	64.5	51.0	57.7	138.0	47.0	317	9	S.	..	
12	30.313	67.6	46.0	56.8	135.0	34.0	173	4	N.W.	..	
13	30.270	64.8	58.7	61.7	138.0	55.2	516	3	N.W.	..	
14	30.201	64.1	59.3	61.7	140.0	55.0	453	6	N.W.	27	
15	30.341	64.2	52.2	58.2	140.0	49.6	357	9	S.	..	
16	30.216	58.9	50.6	54.7	137.0	45.5	387	3	SSE	..	
17	30.037	63.3	45.9	54.6	134.0	35.4	184	1	Calm	..	
18	29.812	68.0	49.0	58.5	133.5	36.0	87	0	N.	..	
19	29.754	70.2	57.9	64.0	132.0	51.5	210	9	NNW	..	
20	29.754	65.3	58.3	61.8	121.0	53.3	232	10	N.W.	36	
21	29.840	62.9	50.1	56.5	112.0	47.7	332	10	SSE	17	
22	29.992	54.3	48.3	51.3	115.0	44.0	518	4	S.E.	..	
23	30.088	57.0	49.1	53.0	131.0	44.8	424	7	SSE	..	
24	30.122	61.9	45.8	53.8	138.0	32.3	194	1	Calm	..	
25	30.103	67.5	45.5	56.5	130.0	30.0	74	0	N.E.	..	
26	30.047	69.0	55.9	62.4	134.0	46.8	198	7	N.W.	..	
27	30.117	70.0	57.3	63.6	143.0	50.3	267	7	S.	..	
28	30.234	70.3	49.7	60.0	150.0	35.7	95	0	S.	..	
29	30.225	70.7	53.9	62.3	130.0	40.4	128	0	N.	..	
30	30.223	70.9	54.6	62.7	137.0	41.7	187	8	S.	Trace	
31	..	..	..	..	..	..	..	..	..	..
*	30.111	64.7	52.0	58.3	132.2	44.2	254	5.3	..	179	
†	29.873	63.5	50.3	56.9	120.2	43.6	271	..	..	422

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
6	1	..	1	13	..	..	7	2

NOTE.—The weather during the month has been bright and sunny, with barometric pressure and temperature above the average, while precipitation was 58 per cent. below the mean of previous years. Total bright sunshine 244 hours 22 minutes, and two sunless days, averaging 8 hours 9 minutes per diem. Frost was recorded on the grass on the morning of the 25th. The mean earth-temperature at 1 ft. was 61.8°, and 60.8° at 3 ft. Mean dew-point, 51.1°; mean elastic force of vapour, 0.375 in.; and mean relative humidity, 77 per cent. of saturation.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM THE CHIEF STATIONS.

November, 1917.

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 (3 Point or more)
			Mean Max. Temp.	Mean Min. Temp.		
Ft.	NORTH ISLAND.	Deg.	Deg.	Deg.	Points.	Dy.
125	AUCKLAND .. F. A. F. Burnett	62.1	68.7	55.5	167	6
46	TE AROHA .. G. F. McGirr	57.4	67.5	47.3	440	8
925	ROTORUA .. J. W. McKinna	56.1	64.6	47.7	371	5
340	WAIHI .. P. A. Clifford	61.1	72.1	50.2	313	6
..	TAURANGA .. C. J. Butcher	58.9	69.1	48.7	315	5
160	NEW PLYMOUTH .. W. W. Smith	60.8	68.7	53.0	138	7
250	MOUMAHAKI .. T. W. Lonsdale	60.6	66.9	54.4	260	6
2080	TAIHAPE .. A. R. Fannin	54.2	62.6	45.8	142	10
100	PALMERSTON NORTH .. J. E. Vernon	..	..	..	..	..
186	GREYTOWN .. W. C. Davies	58.6	70.0	47.2	274	9
377	MASTERTON .. Wm. Hood	59.1	71.0	47.2	229	13
70	GREENMEADOWS, NA-PIER	60.4	68.5	52.3	303	6
10	WELLINGTON .. T. B. McBreen	58.3	64.7	52.0	179	4
Ft.	SOUTH ISLAND.	Deg.	Deg.	Deg.	Points.	Dy.
34	NELSON .. J. R. Dart	61.7	71.4	52.0	24	5
1220	HANMER SPA .. Miss M. Stewart	55.7	67.0	44.4	183	5
25	CHRISTCHURCH .. H. F. Skey	57.6	65.0	50.2	99	8
42	LINCOLN .. L. J. Wild	57.6	67.5	47.7	60	8
1220	KISSELTON	56.6	68.0	45.3	24	2
..	RAKAIA .. Miss A. Hardy	58.2	68.2	48.3	45	7
130	TIMARU .. Caretaker of Domain	58.1	67.7	48.6	84	8
200	WAIMATE .. F. Akhurst	55.2	63.3	47.1	74	8
300	DUNEDIN .. D. Tannock	56.2	64.8	47.7	155	8
245	GOBE .. H. Dolamore	55.2	66.4	44.0	226	15
12	HOKITIKA .. W. H. Fleming	56.8	63.9	49.7	140	13
12	INVERCARGILL .. L. Lennie	55.0	63.9	46.1	227	15

SUMMARY FOR THE MONTH OF NOVEMBER, 1917.

Anticyclonic pressure predominated during November, accounting for fine and bright weather generally.

Only two disturbances of any intensity were in evidence.

On the 6th a westerly depression passed rapidly in the South, bringing boisterous and wet conditions along the west coast south of Cape Egmont.

Between the 19th and 23rd an ex-tropical disturbance ruled in the North, and during this period high south-east winds and dull wet weather prevailed over the North Island and in the north-east portion of the South. The latter disturbance was responsible for some heavy rainfall along the east coast of the North Island, causing floods in some of the rivers on the 22nd.

Except at a few stations in the latter district, precipitation was everywhere below the average.

D. C. BATES, Director.