

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of November, 1921. Observations taken 9 a.m.

Altitude of Observatory, 10 ft.

Date.	Barometer reduced and corrected in inches to Lat. 45°.	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	29.633	60.6	43.3	51.9	132.0	41.4	418	1	E.N.E.	..
2	29.853	59.9	38.3	49.1	127.0	26.5	151	3	N.	..
3	29.820	60.7	52.3	56.5	127.0	48.5	450	10	N.W.	7
4	29.784	64.8	53.6	59.2	122.0	48.0	417	1	N.W.	Trace
5	30.103	67.0	49.7	58.3	130.0	41.0	204	9	S.	..
6	29.996	61.4	42.0	51.7	132.0	31.5	197	10	N.	51
7	29.381	63.0	54.1	58.5	125.0	51.2	517	3	N.W.	..
8	29.454	71.2	47.6	59.4	129.0	37.1	205	0	N.W.	..
9	29.408	62.3	43.7	53.0	129.0	35.5	166	10	N.W.	23
10	29.758	64.0	40.6	52.3	131.0	30.1	293	6	N.W.	9
11	29.813	60.7	47.3	54.0	125.0	46.0	395	8	S	..
12	29.806	58.7	42.6	50.6	128.0	32.4	132	9	S.	1
13	30.041	64.6	49.0	56.8	128.0	42.3	130	8	S.	..
14	30.019	64.0	54.2	59.1	130.0	50.5	290	10	N.W.	2
15	30.115	62.5	55.2	58.8	123.0	53.2	245	10	N.W.	..
16	30.001	61.3	56.2	58.7	136.0	53.0	454	4	W.N.W	9
17	30.106	62.3	53.2	57.7	134.0	52.5	445	10	S.	..
18	29.896	63.3	47.0	55.1	131.0	36.3	207	10	N.N.W	..
19	30.009	63.2	49.4	56.3	130.0	46.3	386	6	S.	..
20	29.777	61.0	50.8	55.9	128.0	41.0	361	4	N.W.	3
21	29.759	62.4	56.6	59.5	132.0	55.5	429	10	N.W.	21
22	29.942	61.1	50.6	55.8	111.0	49.0	261	10	E.S.E.	67
23	29.804	55.3	47.7	51.5	77.0	47.2	145	10	E.	94
24	29.744	56.0	50.2	53.1	77.0	49.5	411	10	S.	Trace
25	29.775	58.2	50.2	54.2	132.0	46.3	116	10	E.S.E.	58
26	29.737	60.3	50.3	55.3	128.0	44.0	98	10	S.	2
27	30.026	58.2	50.2	54.2	104.0	47.2	356	10	S.	..
28	30.017	60.0	40.2	50.1	128.0	30.5	161	9	N.	8
29	29.846	61.7	55.0	58.3	128.0	53.2	353	10	N.W.	Trace
30	29.811	63.8	56.0	59.9	124.0	49.0	366	2	W.N.W	..
*	29.841	61.8	49.2	55.5	124.2	43.9	292	7.4	..	355
†	29.867	63.3	50.4	56.8	120.2	43.6	271	5.4	..	347

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
4	..	4	..	7	..	2	11	..

NOTE.—A cloudy and showery month, with moderate to strong north-westerly winds prevailing. Total bright sunshine 192 hours 42 minutes, 45 per cent. of the possible, and three sunless days. Hail fell on the 9th, and frost was recorded on the grass on four mornings. Mean earth-temperature at 1 ft. was 60°, and 59° at 3 ft. Mean dew-point, 47.3°; mean elastic force of vapour, 0.327 in.; and mean relative humidity, 74 per cent. of saturation.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM THE CHIEF STATIONS.
November, 1921.

Altitude above Sea-level.	Name of Station and Observer.	Absolute Mean Temp. Air Shade.	Extremes.		Total Rainfall (100 Points to the Inch).	Days with Rain (4 Point or more).
			Mean Max. Temp.	Mean Min. Temp.		
Ft. 125	NORTH ISLAND. AUCKLAND .. F. A. F. Burnett	Deg. 59.6	Deg. 65.3	Deg. 54.0	Points. 200	Dys. 13
131	RUAKURA FARM, HAMILTON EAST W. B. Monro	57.4	66.8	48.0	255	16
46	TE AROHA .. G. F. McGirr	57.9	68.8	47.1	126	9
340	WAIHI .. C. F. Sims	60.1	69.1	51.1	240	11
100	TAURANGA .. C. J. Butcher	58.0	68.3	47.7	143	8
925	ROTORUA .. G. J. O'Brien	58.1	68.7	47.5	515	8
..	NEW PLYMOUTH .. J. Simpson	57.2	63.0	51.5	347	18
250	MOUMAHAKI .. J. G. McFarlane	55.2	63.7	46.8	292	17
2080	TAIHAPE .. A. R. Fannin	50.7	57.7	43.7	354	18
100	PALMERSTON NORTH .. J. A. Colquhoun	56.0	63.0	49.0	283	17
119	CENTRAL DEVELOPMENT FARM, WERAROA J. Beverley	54.7	60.8	48.6	421	18
70	GREENMEADOWS, NA- PIER	59.6	69.1	50.2	350	11
377	MASTERTON .. R. Brown	55.0	66.2	43.9	413	14
186	GREYTOWN .. J. P. Eccleton	56.2	65.9	46.6	462	13
..	TRENTHAM MILITARY HOSPITAL
10	WELLINGTON ..	55.5	61.8	49.2	355	14
..	SOUTH ISLAND. BRIGHTWATER .. Ven. Archdeacon Kempthorne	58.0	67.8	48.3	125	8
34	NELSON .. Wm. C. Davies	57.4	66.2	48.6	117	10
1220	HANMER SPRINGS .. W. G. Morrison	52.9	62.8	43.0	327	11
25	CHRISTCHURCH .. H. F. Skey	56.8	66.5	47.1	115	13
42	LINCOLN .. Wm. C. Purdie	56.5	68.1	45.0	133	10
1220	KISSELTON .. A. R. Blackwood	54.3	65.8	42.9	98	3
..	RAKATA .. Miss A. Hardy	56.4	67.8	45.0	98	6
130	TIMARU .. Caretaker of Domain	56.3	67.2	45.4	94	11
200	WAIMATE .. F. Akhurst	54.2	64.2	44.3	141	10
300	DUNEDIN .. D. Tannock	54.3	62.7	46.0	172	16
245	GORE .. A. T. Newman	51.6	62.1	41.1	277	20
12	HOKITIKA .. J. A. Chesney	53.4	59.3	47.6	1271	23
12	INVERCARGILL .. L. Lennie	53.4	60.4	46.5	523	22

SUMMARY FOR THE MONTH OF NOVEMBER, 1921.

The weather during November proved changeable and showery, but between the 21st and 26th, while a "low" centre passed in the North, occasional heavy rain fell in various parts of the country.

Four other disturbances occurred during the month with lowest pressure passing southward of the Dominion, the most severe being one which ruled between the 6th and 11th. Squally conditions prevailed during this period, with much rain in the West Coast districts.

The rainfall of the month was commonly below the average, but excessive in the east coast portions of the North Island and in the West Coast and extreme south of the South Island.

D. C. BATES, Director.