

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of November, 1923. Observations taken 9 a.m.

Altitude of Observatory, 10 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	30-034	Fah 63-0	Fah 57-0	Fah 60-0	Fah 108-0	Fah 51-7	261	10	N.W.	..
2	29-964	62-0	57-8	59-9	125-0	54-0	397	9	N.W.	..
3	30-024	63-3	55-3	59-3	128-0	48-0	375	1	N.W.	..
4	30-355	70-0	46-4	58-2	126-0	38-0	183	3	S.	..
5	30-299	62-8	44-8	53-8	121-0	34-6	167	0	S.E.	..
6	30-099	65-8	43-4	54-6	126-0	32-5	66	0	N.E.	..
7	30-000	70-3	43-3	56-8	126-0	32-3	77	0	E.	..
8	30-051	69-1	53-0	61-0	128-0	47-2	189	5	N.N.W.	..
9	30-075	63-4	53-7	58-5	127-0	47-6	259	7	N.N.W.	9
10	29-905	67-8	57-0	62-4	143-0	55-0	294	7	N.W.	10
11	29-765	65-2	57-6	61-4	128-0	55-6	436	10	N.W.	..
12	29-917	64-0	50-5	57-2	143-0	43-1	295	5	W.	3
13	30-165	65-7	48-5	57-1	135-0	42-1	215	10	S.	2
14	30-198	62-0	39-5	50-7	140-0	28-9	162	0	E.	8
15	30-095	69-2	55-4	62-3	127-0	50-4	190	9	N.N.W.	..
16	30-001	65-6	58-4	62-0	137-0	55-2	314	6	N.	10
17	29-863	70-1	57-6	63-8	144-0	54-1	389	10	N.W.	25
18	30-206	66-8	57-6	62-2	126-0	45-0	241	1	N.	..
19	30-272	73-5	55-3	64-4	140-0	46-9	141	8	N.W.	..
20	30-177	68-0	60-0	64-0	138-0	57-2	319	8	N.W.	..
21	30-007	69-0	59-2	64-1	140-0	57-1	417	2	W.N.W.	..
22	30-020	70-7	56-0	63-3	137-0	52-7	207	9	N.W.	..
23	29-801	65-3	60-0	62-6	135-0	57-5	281	10	N.W.	8
24	29-531	68-1	56-8	62-4	124-0	53-8	117	4	N.E.	..
25	29-591	68-2	54-0	61-1	142-0	49-0	218	7	N.	..
26	29-674	70-9	58-8	64-8	138-0	52-7	238	9	S.S.E.	..
27	29-948	63-7	50-7	57-2	127-0	43-2	228	8	N.	..
28	30-047	66-1	58-0	62-0	133-0	56-0	328	7	N.W.	..
29	30-246	66-0	58-9	62-4	132-0	55-9	358	9	N.W.	..
30	30-202	71-3	53-7	62-5	133-0	46-7	127	3	N.N.W.	..
..	..	..	..	..	..	..	..	..	..	..
*	30-018	66-9	53-9	60-4	131-9	48-1	250	5-9	..	75
†	29-867	63-3	50-4	56-8	121-3	43-9	278	5-4	..	347

\* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
8	2	2	1	3	..	2	12	..

NOTE.—A warm and dry month. Precipitation was 78 per cent. below the mean of previous years, being the lowest on record for this month at Wellington. Total bright sunshine, 214 hours 45 minutes, 50 per cent. of the possible, and one sunless day. Mean earth-temperature at 1 ft. was 63-6°, and 60-3° at 3 ft. Frost was recorded on the grass on the morning of the 14th. Mean dew-point, 49-9°; mean elastic force of vapour, 0-360 in.; and mean relative humidity, 68 per cent. of saturation.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM THE CHIEF STATIONS.

November, 1923.

Ft.	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.		
152	NORTH ISLAND. AUCKLAND ..	Deg. 61-9	Deg. 67-3	Deg. 56-6	Points. 246	11
131	RUAKURA FARM, HAMILTON EAST W. B. Monro	62-1	72-2	52-1	265	11
46	TE AROHA .. C. E. Christensen	63-1	73-2	53-1	97	5
340	WAIHI .. C. F. Sims	61-9	72-2	51-6	332	9
100	TAURANGA .. C. J. Butcher	60-6	68-6	52-7	317	12
925	ROTORUA .. W. E. Penno	60-3	70-2	50-4	489	12
60	NEW PLYMOUTH G. H. Dolby	58-2	65-2	51-2	343	12
250	MOUMAHAKI J. G. McFarlane	60-1	71-4	48-8	130	5
2080	TAIHAPE .. A. R. Fannin	55-7	64-5	46-9	202	15
100	PALMERSTON NORTH J. A. Colquhoun	59-3	68-2	50-4	118	13
5	OROUA DOWNS R. A. Reid	58-1	66-6	49-7	54	6
119	CENTRAL DEVELOPMENT FARM, WERAROA J. E. Sharp	58-0	65-5	50-6	180	14
377	MASTERTON R. Brown	59-7	71-7	47-7	33	4
186	GREYTOWN W. Allan	60-1	71-7	48-5	79	3
10	WELLINGTON ..	60-4	66-9	53-9	75	8
87	SOUTH ISLAND. BRIGHTWATER Ven. Archdeacon Kempthorne	58-0	67-4	48-6	229	9
34	NELSON .. Wm. C. Davies	58-9	67-3	50-5	314	7
1220	HANMER SPRINGS W. G. Morrison	57-8	71-4	44-2	56	4
25	CHRISTCHURCH H. F. Skey	60-8	71-7	50-0	52	2
42	LINCOLN .. M. J. Scott	61-5	72-9	50-1	69	3
1220	KISSELTON .. F. Freeman	58-7	71-4	46-1	136	6
349	RAKAIA .. Miss A. Hardy	61-2	73-2	49-3	71	2
130	TIMARU .. Caretaker of Domain	59-7	71-0	48-4	77	3
200	WAIMATE .. F. Akhurst	58-9	70-0	47-8	74	4
300	DUNEDIN .. D. Tannock	59-1	68-0	50-2	194	10
245	GORE .. A. T. Newman	..	..	..	..	..
12	HOKITIKA .. J. A. Chesney	55-9	62-1	49-7	506	13
12	INVERCARGILL L. Lennie	56-5	66-8	46-2	273	14

SUMMARY FOR THE MONTH OF NOVEMBER, 1923.

The few disturbances that were in evidence during November were all of slight intensity, and mainly small westerly "lows" passing in the South on the southern edge of anticyclones centred northward of New Zealand.

As a result winds were chiefly from some westerly quarter, bringing a rainfall above the average to a few places on the West Coast of the South Island and in the extreme north of the North Island. A good fall of rain about the 16th in the Nelson and Blenheim districts also accounted for some places having a slight excess. All other parts of the Dominion recorded considerably less than the usual amount, and many districts experienced the driest November ever recorded.

The weather generally was warm and dry, and more like that of a summer month. The last few days were particularly warm, and on the East Coast absolute maximum temperatures of 90 degrees and over were recorded at this time.

There was usually abundant growth in vegetation, and for the sheep and dairy farmer the month proved entirely satisfactory.

D. C. BATES, Director.