

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of November, 1922. 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	29.329	63.2	52.8	58.0	124.0	47.2	377	6	N.W.	40
2	29.343	60.8	45.2	53.0	127.0	38.1	290	8	N.W.	2
3	29.692	63.0	47.2	55.1	125.0	36.2	311	9	S.	1
4	29.812	62.2	46.0	54.1	125.0	34.7	211	10	N.W.	87
5	29.605	61.0	50.0	55.5	122.0	50.0	464	10	S.S.W.	26
6	29.894	57.5	47.3	52.4	113.0	44.0	420	10	S.	3
7	29.895	58.3	45.0	51.6	120.0	38.5	367	1	S.	..
8	29.699	61.7	51.0	56.3	121.0	46.0	222	10	N.N.E.	46
9	29.513	61.2	52.1	56.6	117.0	47.4	318	4	W.N.W.	46
10	29.349	61.9	53.1	57.5	129.0	47.7	439	4	N.W.	70
11	29.207	61.3	50.7	56.0	130.0	48.2	411	10	N.	96
12	29.198	56.2	44.5	50.3	117.0	44.0	224	9	N.E.	14
13	29.441	60.8	44.3	52.5	130.0	35.9	90	7	N.	Trace
14	29.670	63.2	48.3	55.7	140.0	41.9	128	10	S.	..
15	29.765	60.2	40.9	50.5	128.0	32.4	141	2	N.	8
16	29.623	61.9	54.7	58.3	134.0	50.8	522	10	N.W.	12
17	29.639	64.0	57.6	60.8	138.0	55.2	575	9	N.W.	..
18	29.953	65.0	53.6	59.3	126.0	44.3	284	2	N.W.	..
19	29.831	63.2	53.6	58.4	128.0	49.5	398	8	N.W.	..
20	29.963	66.5	53.7	60.1	132.0	43.9	336	5	N.	..
21	30.135	71.0	46.4	58.7	139.0	36.5	92	0	N.	..
22	30.099	69.5	56.7	63.1	129.0	51.1	208	2	N.W.	..
23	30.081	68.1	58.4	63.2	127.0	51.8	259	2	N.W.	1
24	30.164	68.1	56.7	62.4	131.0	56.1	178	10	N.W.	..
25	30.194	65.1	59.3	62.2	125.0	55.0	224	8	N.	..
26	30.166	67.0	59.0	63.0	135.0	54.0	374	9	N.	..
27	29.930	69.9	60.5	65.2	139.0	52.5	472	3	N.W.	..
28	29.905	71.7	57.8	64.7	131.0	54.9	206	10	N.	76
29	29.681	67.7	55.1	61.4	122.0	52.1	440	9	N.N.W.	14
30	29.652	64.0	56.1	60.0	132.0	52.1	510	4	W.N.W.	..
31	..	..	..	..	..	..	..	..	..	..
*	29.748	63.8	51.9	57.8	128.0	46.4	316.4	6.7	..	542
†	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.
10	1	..	..	5	..	2	12	..

NOTE.—The weather during the month has been cloudy and showery, with temperatures above the mean of previous years, and moderate to strong N. and N.W. winds prevailing. Precipitation was 56 per cent. above the mean of previous years. Total bright sunshine 166 hours 3 minutes, 35 per cent. of the possible, and two sunless days. A thunderstorm occurred on the night of the 10th. Mean earth-temperature at 1 ft. was 60.3°, 59.1° at 3 ft. Mean dew-point, 49.3°; mean elastic force of vapour, 0.352 in., and mean relative humidity, 74 per cent. of saturation.

CLIMATOLOGICAL TABLE

MEANS AND TOTALS FROM THE CHIEF STATIONS.

November, 1922.

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. 125	NORTH ISLAND.	Deg.	Deg.	Deg.	Points.	Dys.
125	AUCKLAND .. F. A. F. Burnett	60.7	67.1	54.4	366	17
131	RUAKURA FARM, HAMILTON EAST W. B. Monro	57.7	70.0	45.5	370	12
46	TE AROHA .. G. F. McGirr	61.8	70.2	53.5	465	13
340	WAIHI .. C. F. Sims	60.3	70.0	50.6	354	14
100	TAUBANGA .. C. J. Butcher	59.3	68.8	49.8	414	14
925	ROTORUA .. W. E. Penno	58.4	68.8	48.0	991	15
..	NEW PLYMOUTH .. G. H. Dolby	56.3	61.9	50.7	848	20
250	MOUMAHARI .. J. G. McFarlane	56.8	65.6	48.0	692	12
2080	TAIHAPE .. A. R. Fannin	53.1	61.6	44.6	473	17
100	PALMERSTON NORTH .. J. A. Colquhoun	56.5	64.8	48.3	614	18
119	CENTRAL DEVELOPMENT FARM, WERAROA J. Beverley	55.9	62.2	49.6	735	19
70	GREENMEADOWS, NAPIER	61.8	72.8	50.8	79	8
377	MASTERTON .. R. Brown	58.1	70.0	46.3	257	17
186	GREYTOWN .. J. P. Eccleton	58.7	69.5	47.9	285	17
10	WELLINGTON .. Ven. Archdeacon Kempthorne	57.8	63.8	51.9	542	16
..	SOUTH ISLAND.	Deg.	Deg.	Deg.	Points.	Dys.
..	BRIGHTWATER .. Wm. C. Davies	56.5	66.5	46.6	416	13
84	NELSON .. Wm. C. Davies	57.5	66.5	48.4	403	14
1220	HANMER SPRINGS .. W. G. Morrison	54.3	66.1	42.6	35	11
25	CHRISTCHURCH .. H. F. Skey	55.8	65.6	46.0	324	13
42	LINCOLN .. M. J. Scott	..	..	..	..	..
1220	KISSELTON .. A. R. Blackwood	53.9	64.9	43.0	292	9
..	RAKALA .. Miss A. Hardy	56.7	67.5	46.0	256	8
130	TIMARU .. Caretaker of Domain	55.5	64.8	46.2	283	17
200	WAIMATE .. F. Akhurst	54.4	63.6	45.2	251	16
300	DUNEDIN .. D. Tannock	53.6	61.2	46.0	495	21
245	GORE .. A. T. Newman	..	..	..	..	..
12	HOKITIKA .. J. A. Chesney	51.3	59.7	42.9	1317	22
12	INVERCARGILL .. L. Lennie	54.0	62.4	45.7	549	24

SUMMARY FOR THE MONTH OF NOVEMBER, 1922.

Westerly or antarctic disturbances accounted for the stormy weather conditions which were rather prevalent during the first half of the month and again at the close. Between the 18th and 28th an anticyclone brought fair weather generally. The total rainfall was considerably below the average on the east coast of the North Island, but, with few exceptions, all other parts of the Dominion experienced an excess, which was greatest on the west coast of the North Island and the east coast of the South.

D. C. BATES, Director