

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of October, 1924. 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	30.007	63.2	55.2	59.2	124.0	50.2	230	9	N.N.W	18
2	29.627	64.9	55.0	59.9	125.0	52.2	397	9	N.W.	5
3	29.597	61.2	54.1	57.6	115.0	51.0	499	9	N.W.	..
4	29.805	59.9	51.2	55.5	134.0	43.1	297	4	N.W.	..
5	29.888	64.0	51.4	57.7	121.0	42.0	157	8	S.	5
6	29.946	62.9	53.0	57.9	118.0	43.1	183	9	S.E.	..
7	29.741	59.0	45.1	52.0	105.0	36.2	107	10	N.E.	9
8	29.504	65.1	53.3	59.2	114.0	51.2	148	8	N.N.W	16
9	29.339	61.2	52.5	56.8	121.0	49.0	259	4	N.W.	..
10	29.401	61.0	47.6	54.3	120.0	39.0	157	5	N.W.	4
11	29.375	62.2	52.0	57.1	116.0	47.3	287	1	N.W.	3
12	29.928	63.0	44.6	53.8	129.0	35.8	140	3	N.N.E.	10
13	29.600	61.9	55.1	58.5	118.0	52.8	439	4	N.N.W.	..
14	29.696	65.1	53.9	59.5	120.0	48.1	301	7	N.W.	..
15	29.994	67.0	44.9	55.9	123.0	34.2	94	6	N.N.E.	..
16	30.049	65.3	53.9	59.6	118.0	48.1	238	1	N.W.	..
17	29.862	66.0	55.1	60.5	121.0	52.9	296	10	N.W.	7
18	29.420	63.8	55.1	59.4	128.0	53.2	312	10	N.N.E.	146
19	29.213	63.0	48.0	55.5	90.0	46.4	107	10	N.E.	48
20	29.223	60.9	49.1	55.0	84.0	47.2	125	9	S.E.	7
21	29.685	59.1	49.1	54.1	120.0	47.8	386	10	S.E.	..
22	29.767	57.7	47.3	52.5	119.0	37.1	228	9	S.E.	..
23	29.509	64.0	52.1	58.0	120.0	49.9	199	10	N.W.	5
24	29.545	62.8	50.1	56.4	129.0	45.2	302	9	N.W.	..
25	29.833	62.3	54.2	58.2	119.0	48.1	257	10	N.W.	..
26	30.027	62.9	47.6	55.2	133.0	42.1	116	2	N.	..
27	29.880	63.1	54.3	58.7	117.0	50.9	305	2	N.W.	..
28	30.123	65.4	52.1	58.7	118.0	51.0	234	9	S.E.	..
29	29.951	64.7	54.5	59.6	119.0	52.2	331	3	N.W.	Trace
30	29.920	63.9	56.8	60.3	123.0	54.2	516	10	N.W.	140
31	30.067	61.9	48.1	55.0	98.0	46.3	324	10	S.E.	33
*	29.727	62.9	51.5	57.2	118.0	46.7	257.1	7.1	..	456
†	29.895	60.3	48.3	54.3	114.8	42.1	285	5.4	..	415

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
7	2	..	6	1	15	..

NOTE.—The weather during October has been unsettled and cloudy, with temperatures well above the mean of previous years. Total bright sunshine 149 hours 55 minutes, 37 per cent. of the possible, and three sunless days. Earth temperature at 1 ft. and 3 ft. was 57.5°. Mean dew-point, 48°; mean elastic force of vapour, 0.335 in.; and mean relative humidity, 72 per cent. of saturation.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM THE CHIEF STATIONS
October, 1924.

Altitude above Sea-level.	Name of Station and Observer.	Extremes.			Total Rainfall (100 Points to the Inch).	Days with rain (Point or more).
		Absolute Mean Temp. Air in Shade.	Mean Max. Temp.	Mean Min. Temp.		
Ft. 152	NORTH ISLAND. AUCKLAND ..	Deg. 58.0	Deg. 63.6	Deg. 52.5	Points. 567	20
131	RUAKURA FARM, HAMILTON EAST W. B. Monro	56.7	66.2	47.3	601	17
46	TE AROHA .. C. E. Christensen	59.1	67.7	50.5	550	20
340	WAIHI .. C. F. Sims.	58.2	66.4	50.1	689	20
100	TAURANGA .. C. J. Butcher	57.2	66.1	48.3	452	19
925	ROTORUA .. W. E. Penno	55.0	64.3	45.7	693	18
60	NEW PLYMOUTH .. G. H. Dolby	55.9	61.5	50.3	698	21
250	MOUMAHARI .. J. G. McFarlane	56.3	63.8	48.8	606	13
2080	TAIHAPE .. A. R. Fannin	50.3	58.1	42.5	451	18
100	PALMERSTON NORTH .. J. A. Colquhoun	55.8	63.5	48.2	366	16
8	TANGIMOANA .. R. A. Reid	56.7	63.7	49.7	254	6
119	CENTRAL DEVELOPMENT FARM, WERAROA J. E. Sharp	55.2	61.5	49.0	478	17
5	NAPIER .. Chas. L. Thomas	57.2	65.0	49.5	300	11
377	MASTERTON .. R. Brown	55.4	65.6	45.2	543	16
186	GREYTOWN .. W. Allan	55.7	65.3	46.1	533	12
10	WELLINGTON ..	57.2	62.9	51.5	456	15
87	SOUTH ISLAND. BRIGHTWATER .. Ven. Archdeacon Kempthorne	55.2	63.5	46.8	506	14
34	NELSON .. H. Harrison	55.9	63.7	48.2	671	17
1220	HANMER SPRINGS .. W. G. Morrison	53.2	62.5	44.0	676	14
25	CHRISTCHURCH .. H. F. Skey	54.9	63.8	46.0	378	15
42	LINCOLN .. M. J. Scott	57.8	68.0	47.7	377	13
1220	KISSELTON .. F. Freeman	54.9	61.9	47.9	581	15
130	TIMARU .. Caretaker of Domain	55.3	64.3	46.4	402	14
200	WAIMATE .. F. Akhurst	54.3	62.0	46.7	455	14
300	DUNEDIN .. D. Tannock	53.8	60.3	47.3	720	16
245	GORE .. A. T. Newman
12	HOKITIKA .. J. A. Chesney	53.9	60.1	47.7	1524	22
12	INVERCARGILL .. L. Lennie	53.4	62.0	44.9	308	18

SUMMARY FOR THE MONTH OF OCTOBER, 1924.

October was characterized mainly by dull and warm weather. It was remarkable for the end of the protracted dry period which had been experienced, particularly in the east coast districts of the South Island. Warm, beneficial rains occurred several times during the month, but snow fell on several occasions on the higher levels, particularly in the rear of a cyclonic storm about the 20th.

On the last two days general heavy rains were again experienced, resulting from a disturbance which moved up the West Coast. Floods occurred about this time in various parts of the North Island.

During the month there were six areas of westerly low-pressure and four ex-tropical disturbances. As a consequence, atmospheric conditions were very unsettled, and there were very few days on which the weather was fine over the whole Dominion.

The aggregate rainfall was above the average in nearly all parts, only a few places in Otago and the Bay of Plenty reporting a deficiency. Most of Canterbury experienced over double its mean.

D. C. BATES, Director.