

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of January, 1925. Observations taken 9 a.m.

Altitude of Observatory, 10 ft.

Date.	Barometer reduced and corrected in Inches to Lat. 4°.	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.	Fah.						
1	29.876	66.3	53.1	59.7	135.0	45.3	133	6	N.	..		
2	30.151	68.2	56.8	62.5	133.0	55.9	284	6	S.E.	..		
3	30.213	66.7	50.1	58.4	131.0	41.2	137	1	N.E.	..		
4	30.148	73.0	51.4	62.2	126.0	41.4	84	0	N.N.W.	..		
5	30.056	73.2	58.1	65.6	127.0	54.1	167	2	N.N.W.	1		
6	30.117	70.8	58.1	64.4	128.0	57.1	184	10	S.E.	..		
7	30.021	70.2	55.4	62.8	135.0	50.9	178	1	S.E.	..		
8	30.105	69.1	57.1	63.1	125.0	56.1	219	4	S.E.	..		
9	29.971	72.0	57.3	64.6	127.0	53.0	236	6	N.W.	..		
10	29.826	68.9	61.0	64.9	131.0	59.2	538	9	N.W.	12		
11	29.891	72.7	64.2	68.4	138.0	62.0	377	10	N.N.W.	Trace		
12	29.983	73.3	63.0	68.1	136.0	61.1	312	10	S.E.	13		
13	30.452	72.1	52.2	62.1	136.0	50.8	342	7	S.E.	..		
14	30.415	67.0	46.1	56.5	125.0	34.2	160	1	N.W.	..		
15	30.166	72.4	60.1	66.2	127.0	58.0	191	2	N.N.W.	..		
16	30.033	75.0	59.9	67.4	129.0	54.9	211	7	N.W.	..		
17	30.221	73.1	57.0	65.0	128.0	56.0	298	10	S.E.	..		
18	30.257	63.2	55.0	60.1	128.0	52.0	392	10	S.S.E.	..		
19	30.121	66.1	48.0	57.0	125.0	39.7	170	6	N.W.	..		
20	29.983	68.9	56.8	62.8	137.0	53.2	144	0	S.E.	4		
21	29.790	75.1	56.0	65.5	126.0	55.0	187	10	S.E.	..		
22	29.684	67.7	57.8	62.7	120.0	56.2	185	10	S.S.E.	..		
23	29.832	69.0	49.2	59.1	119.0	38.9	117	0	N.W.	..		
24	29.918	75.1	63.0	69.0	129.0	60.8	259	9	N.N.W.	1		
25	29.656	73.7	63.8	68.7	139.0	60.2	240	10	N.	136		
26	29.601	72.3	58.2	65.2	127.0	57.2	266	10	S.E.	34		
27	29.856	59.7	52.0	55.8	80.0	51.0	470	10	S.E.	172		
28	29.988	60.0	53.1	56.5	117.0	51.8	457	6	S.S.E.	..		
29	29.951	68.2	55.1	61.6	127.0	49.9	145	7	N.W.	..		
30	29.671	78.2	62.1	70.1	133.0	57.0	81	4	N.N.W.	1		
31	29.662	74.1	61.0	67.5	135.0	59.4	263	9	S.E.	..		
*	29.989	70.2	56.5	63.3	127.7	52.7	240	6.2	..	374		
†	29.903	69.3	55.7	62.5	126.3	49.2	259	5.2	..	332		

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
8	1	..	12	3	7	..

NOTE.—The weather during the month was warm and fair, with barometric pressure and temperatures above the mean of previous years. Precipitation, the major portion of which fell during the latter part of the month, was 13 per cent. above the average. Total bright sunshine, 218 hours 3 minutes, 47 per cent. of the possible, and four sunless days. Mean earth-temperature at 1 ft. was 68.8°, and 66.3° at 3 ft. Mean dew-point, 53.3°; mean elastic force of vapour, 0.407 in.; and mean relative humidity, 70 per cent. of saturation.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM THE CHIEF STATIONS.
January, 1925.

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 (½ Point or more).
			Mean Max. Temp.	Mean Min. Temp.		
NORTH ISLAND.						
152	AUCKLAND ..	Deg. 66.8	Deg. 73.1	Deg. 60.5	212	10
131	RUAKURA FARM, HAMILTON EAST	64.5	78.3	50.6	330	10
46	TE AROHA ..	68.0	79.7	56.3	382	9
340	WAIHI ..	66.4	77.4	55.5	342	10
100	TAURANGA ..	64.2	72.4	56.1	270	10
925	ROTORUA ..	64.9	74.4	55.4	676	14
60	NEW PLYMOUTH ..	62.4	70.9	53.9	148	6
250	MOUMAHAKI ..	64.3	74.5	54.2	220	8
2080	TAIHAPE ..	60.4	70.1	50.7	360	13
100	PALMERSTON NORTH
8	TANGIMOANA ..	62.6	73.6	51.6	315	7
119	CENTRAL DEVELOPMENT FARM, WERAROA	61.2	69.5	53.0	220	9
5	NAPIER ..	63.6	71.0	56.2	287	13
377	MASTERTON ..	63.1	73.7	52.6	286	10
186	GREYTOWN ..	63.4	74.0	52.9	315	8
10	WELLINGTON ..	63.3	70.2	56.5	374	9
SOUTH ISLAND.						
87	BRIGHTWATER ..	63.5	72.6	54.5	344	14
34	NELSON ..	64.0	71.2	56.9	314	9
1220	HANMER SPRINGS ..	59.9	71.9	48.0	388	13
25	CHRISTCHURCH ..	61.4	69.5	53.4	218	7
42	LINCOLN ..	61.9	71.2	52.6	167	8
1220	KISSILTON ..	61.9	73.1	50.8	119	6
349	RAKAIA ..	60.0	72.3	47.8	143	10
130	TIMARU ..	61.8	71.2	52.4	109	9
200	WAIMATE ..	59.6	68.3	50.9	122	8
1550	SANATORIUM, WAIPIATA	59.3	72.0	46.6	145	8
300	DUNEDIN ..	58.8	67.7	50.0	131	6
245	GORE ..	58.8	71.3	46.3	48	6
12	HOKITIKA ..	61.5	68.8	54.2	473	7
12	INVERCARGILL ..	58.0	68.5	47.6	101	12

SUMMARY FOR THE MONTH OF JANUARY, 1925.

Several extropical disturbances accounted for unsettled conditions from the 20th to the close of the month, and between the 25th and 27th some heavy rains occurred. Rain also fell generally about the 12th, but the weather during the remainder of the month was, on the whole, warm and fair, and in the first half some high temperatures were recorded, particularly in the East Coast districts. The rain about the 26th proved most beneficial to farmers and graziers in most parts of the Dominion. Except in the East Coast districts of the North Island and parts of the Nelson and North Canterbury districts in the South, the total month's rainfall was below the average, and remarkably so in Otago. Mean temperatures were mostly higher than usual, but there were cold snaps about the 11th, 17th, and 26th.

D. C. BATES, Director.