

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of January, 1926. 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.			
		Fah.	Fah.	Fah.	Fah.	Fah.			
1	29.597	72.5	54.8	63.6	139.0	54.0	251 10	S.S.W.	32
2	29.584	62.0	46.2	54.1	129.0	43.8	431 9	S.S.E.	5
3	29.800	65.0	50.5	57.7	126.0	48.5	311 0	N.	..
4	30.033	69.5	53.1	61.3	144.0	52.8	186 10	S.S.E.	..
5	30.145	66.1	47.8	56.9	125.0	38.8	133 6	N.E.	..
6	30.113	70.0	56.3	63.1	134.0	56.1	201 10	N.N.W.	..
7	30.059	67.2	53.9	60.5	135.0	46.1	150 10	E.	..
8	29.905	69.9	55.2	62.5	126.0	45.9	131 9	N.W.	4
9	29.756	67.8	58.9	63.3	126.0	58.2	401 10	N.W.	..
10	29.914	67.3	54.2	60.7	116.0	52.6	267 10	S.	Trace
11	29.744	62.6	55.2	58.9	123.0	54.9	249 10	S.S.W.	33
12	29.691	70.7	57.2	63.9	131.0	54.1	108 9	N.W.	8
13	29.798	74.0	61.1	67.5	142.0	59.2	262 9	N.W.	..
14	29.892	71.3	60.8	66.0	148.0	58.9	322 7	N.W.	..
15	29.951	70.6	59.2	64.9	135.0	56.9	278 5	N.W.	40
16	29.939	69.5	61.0	65.2	137.0	59.8	376 9	N.W.	..
17	30.053	69.2	60.9	65.0	132.0	58.7	322 5	N.N.W.	..
18	29.921	70.9	63.0	66.9	140.0	61.1	345 8	N.N.W.	37
19	30.051	73.0	60.2	66.6	138.0	56.8	240 2	N.W.	..
20	30.091	75.0	56.4	65.7	132.0	51.8	113 2	N.E.	1
21	30.011	79.4	61.1	70.2	146.0	56.0	156 1	N.W.	..
22	29.658	81.1	64.8	72.9	144.0	60.9	146 8	N.E.	20
23	29.562	78.6	59.2	68.9	144.0	56.2	352 3	N.W.	24
24	29.370	69.4	58.3	63.8	134.0	55.2	551 10	N.N.W.	..
25	29.698	70.2	57.2	63.7	136.0	51.0	221 6	S.E.	..
26	29.827	75.9	57.8	66.8	134.0	54.7	236 3	N.W.	..
27	30.036	71.0	58.9	64.9	133.0	53.3	245 10	N.W.	..
28	30.077	69.0	62.2	65.6	129.0	61.8	282 7	N.W.	..
29	29.888	72.0	62.2	67.1	139.0	61.2	335 1	N.W.	4
30	29.633	72.0	58.1	65.0	137.0	55.2	367 2	N.W.	68
31	29.585	70.4	52.0	61.2	137.0	47.6	141 10	Calm	32
*	29.851	70.7	57.3	64.0	134.5	54.3	262 6.8	..	308
†	29.903	69.3	55.7	62.5	126.3	49.2	259 5.2	..	330

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
5	3	1	1	5	15	1

NOTE.—The weather during the month was fair and warm, with north-west winds prevailing. Precipitation was 7 per cent. below the mean of previous years. Total bright sunshine, 228 hours 47 minutes, 50 per cent. of the possible, and no sunless days. Thunder was heard on the 1st, and hail fell on the same day. Mean earth-temperature at 1 ft. was 68.6°, and 66.3° at 3 ft. Mean dew-point, 53.1°; mean elastic force of vapour, 0.404 in.; mean relative humidity, 68 per cent. of saturation.

SUMMARY FOR THE MONTH OF JANUARY, 1926.

January opened with strong southerly winds, and cold squally weather prevailed on the 1st and 2nd over most of the Dominion, the result of an intense disturbance located eastward of New Zealand, and which was apparently centred in the vicinity of the Chatham Islands.

Thereafter, however, though occasional spells of unsettled and wet conditions were experienced, warm and fair weather predominated. Between the 9th and 12th an ex-tropical disturbance, in moving down the western coast, brought some good rains to both Islands. This was particularly beneficial to Central Otago in terminating a considerable spell of dry weather.

The most generally unsettled period during the month was between the 20th and 24th. The North Island was under the influence of a cyclone passing in the North on the 21st and 22nd, and an easterly gale, with heavy rain inflicted considerable damage to orchards and gardens in the northern districts. At the same time a westerly storm area caused northerly gales and boisterous conditions over the South Island. At Pokororo, in the Nelson district, 8.21 in. of rain fell in ten hours on the 22nd, causing a record flood.

The total rainfall for the month was above the average in all but the East Coast districts, while the deficiency there was not so serious as in the previous month, and conditions generally were favourable to farming pursuits.

D. C. BATES, Director.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM CHIEF STATIONS.

January, 1926.

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 († Point or more).
			Mean Max. Temp.	Mean Min. Temp.		
		Deg.	Deg.	Deg.	Points.	
152	NORTH ISLAND. AUCKLAND ..	66.4	72.7	60.1	404	12
131	RUAKURA FARM, HAMILTON EAST G. A. Holmes	64.4	76.6	52.2	612	17
46	TE AROHA .. C. E. Christensen	67.2	79.0	55.5	490	15
340	WAIHI .. C. F. Sims	66.1	76.3	55.9	1201	15
100	TAURANGA .. C. J. Butcher	65.2	74.4	56.0	537	11
925	ROTORUA .. W. E. Penno	64.8	75.5	54.1	890	13
60	NEW PLYMOUTH .. G. H. Dolby	62.0	68.7	55.3	506	17
2080	TAIHAPE .. A. R. Fannin	59.6	68.5	50.7	328	16
100	PALMERSTON NORTH .. J. A. Colquhoun	64.3	73.6	55.0	366	12
8	TANGIMOANA .. R. A. Reid
119	CENTRAL DEVELOPMENT FARM, WERAHOA J. E. Sharp	63.7	70.8	56.6	357	16
5	NAPIER .. Chas. L. Thomas	66.7	74.8	58.7	125	13
377	MASTERTON .. R. Brown	64.5	76.7	52.4	125	8
186	GREYTOWN .. W. Allan	64.6	75.2	54.0	222	10
10	WELLINGTON ..	64.0	70.7	57.3	308	13
	SOUTH ISLAND.					
87	BRIGHTWATER .. Ven. Archdeacon Kemphorne	62.4	71.6	53.3	432	19
34	NELSON .. H. Harrison	61.2	67.8	54.6	409	16
1220	HANMER SPRINGS .. W. Montgomery	60.8	73.1	48.5	304	13
25	CHRISTCHURCH .. H. F. Skey	61.1	70.1	52.1	167	14
42	LINCOLN .. M. J. Scott	65.6	77.8	53.5	289	12
1220	KISSELTON .. A. E. Young	60.7	73.2	48.3	383	10
349	RAKAIA .. Miss A. Hardy	62.5	73.6	51.5	187	8
1000	FAIRLIE .. A. J. Grant	59.9	72.7	47.2	228	8
130	TIMARU .. Caretaker of Domain	61.8	71.4	52.3	94	10
200	WAIMATE .. F. Akhurst	59.9	68.9	50.9	168	13
1550	SANATORIUM, WAIPIATA Dr. A. Kidd	59.0	70.8	47.2	180	11
1000	OPHIR .. A. Don	61.1	73.2	49.0	193	9
300	DUNEDIN .. D. Tannock	58.5	67.2	50.8	241	13
245	GORE .. A. T. Newman	59.1	70.9	47.4	296	13
12	HOKITIKA .. J. A. Chesney	59.7	66.0	53.4	1240	19
12	INVERCARGILL .. L. Lennie	58.2	66.9	49.6	263	15