

Government Meteorological Observatory.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM CHIEF STATIONS.
December, 1925.

METEOROLOGICAL Observations, Wellington, for the month of December, 1925. 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	29.799	64.0	52.0	58.0	134.0	50.9	423	5	N.E.	..
2	29.818	65.8	54.2	60.0	124.0	52.1	326	10	N.W.	..
3	30.019	66.0	54.1	60.0	144.0	50.8	277	8	N.W.	3
4	29.658	64.7	57.2	60.9	131.0	54.5	638	8	N.W.	41
5	29.772	65.2	49.3	57.2	136.0	49.0	402	2	N.W.	..
6	29.791	63.5	52.1	57.8	128.0	45.2	261	5	N.N.W.	..
7	29.790	68.0	55.8	61.9	128.0	54.1	377	0	N.W.	..
8	29.877	66.6	57.1	61.8	136.0	57.0	308	10	N.W.	1
9	29.979	66.4	53.0	59.7	137.0	48.0	182	6	N.W.	1
10	29.928	67.1	57.1	62.1	143.0	56.0	414	10	N.W.	55
11	29.656	65.9	59.2	62.5	132.0	58.7	493	10	N.W.	6
12	29.626	67.9	54.3	61.1	135.0	52.0	446	9	N.W.	8
13	29.899	62.0	48.3	55.1	127.0	40.1	232	1	N.W.	..
14	29.889	65.0	53.9	59.4	124.0	52.0	349	9	N.W.	..
15	30.008	66.5	50.2	58.3	132.0	42.0	194	7	N.W.	..
16	29.911	66.0	55.6	60.8	131.0	52.2	316	6	N.W.	..
17	29.787	68.1	57.2	62.6	136.0	55.9	465	8	N.W.	71
18	29.930	64.2	52.3	58.2	116.0	52.2	333	10	S.E.	..
19	29.958	62.9	49.1	56.0	129.0	41.2	197	9	N.W.	..
20	29.819	62.4	55.5	58.9	123.0	54.6	383	8	N.N.W.	..
21	29.814	68.0	55.7	61.8	131.0	52.0	423	0	S.E.	..
22	29.866	71.1	48.2	59.6	129.0	38.8	106	4	E.	..
23	29.786	68.0	49.3	58.6	132.0	42.2	197	6	N.N.W.	14
24	29.633	68.1	55.0	61.5	132.0	54.0	426	3	N.W.	..
25	29.867	71.0	56.3	63.6	134.0	55.1	152	9	N.W.	9
26	29.769	66.7	55.6	61.1	134.0	54.1	349	2	N.W.	..
27	29.875	67.0	58.1	62.5	135.0	56.0	422	6	N.W.	..
28	29.886	70.3	59.0	64.6	131.0	57.0	414	10	N.N.W.	..
29	29.943	67.9	58.0	62.9	131.0	55.1	375	1	N.W.	..
30	29.978	68.0	59.2	63.6	140.0	57.4	380	8	N.W.	..
31	30.003	69.3	54.0	61.6	138.0	45.8	262	3	S.S.E.	4
*	29.849	66.6	54.4	60.5	132.0	51.2	339.4	6.2	..	213
†	29.869	66.9	53.8	60.3	125.8	47.1	280	5.2	..	331

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
4	1	1	2	1	..	..	22	..

NOTE.—A dry and breezy month, with precipitation 36 per cent. below the mean of previous years. Total bright sunshine 226 hours 6 minutes, 48 per cent. of the possible, and no sunless days. Mean earth temperature at 1 ft. was 64.8°; and 62.8° at 3 ft. The average daily velocity of the wind was 339.4 miles, and the maximum of 638 miles was recorded on the 4th. Mean dew-point, 50.7°; mean elastic force of vapour 0.370 in.; and mean relative humidity, 70 per cent. of saturation.

Ft.	Name of Station and Observer.	Altitude above Sea-level.	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.		
152	NORTH ISLAND. AUCKLAND ..	63.0	Deg. 63.0	Deg. 69.0	Deg. 57.0	Points. 112	11
131	RUAKURA FARM, HAMILTON EAST G. A. Holmes	61.9	61.9	73.5	50.3	210	10
46	TE AROHA .. C. E. Christensen	64.2	64.2	77.5	51.0	110	8
340	WAIHI .. C. F. Sims	64.4	64.4	74.4	54.5	107	6
100	TAURANGA .. C. J. Butcher	63.7	63.7	74.0	53.4	190	8
925	ROTORUA .. W. E. Penno	62.2	62.2	72.7	51.7	190	6
60	NEW PLYMOUTH G. H. Dolby	58.7	58.7	64.6	52.8	302	14
2080	TAIHAPE .. A. R. Fannin	56.3	56.3	65.4	47.3	156	7
100	PALMERSTON NORTH J. A. Colquhoun	61.1	61.1	69.7	52.5	104	8
8	TANGIMOANA R. A. Reid	61.3	61.3	69.9	52.7	165	11
119	CENTRAL DEVELOPMENT FARM, WERAROA J. E. Sharp	59.5	59.5	64.9	54.1	156	9
5	NAPIER .. Chas. L. Thomas	65.0	65.0	74.1	56.0	1	1
377	MASTERTON R. Brown	62.7	62.7	74.4	51.1	55	6
186	GREYTOWN W. Allan	62.5	62.5	73.0	52.0	126	5
10	WELLINGTON ..	60.5	60.5	66.6	54.4	213	11
	SOUTH ISLAND.						
87	BRIGHTWATER Ven. Archdeacon Kempthorne	61.5	61.5	73.0	50.0	120	7
34	NELSON .. H. Harrison	60.5	60.5	70.1	50.9	75	8
1220	HANMER SPRINGS W. G. Morrison	59.9	59.9	70.7	49.1	63	4
25	CHRISTCHURCH H. F. Skey	60.4	60.4	71.1	49.7	103	7
42	LINCOLN M. J. Scott	61.2	61.2	73.0	49.4	62	4
1220	KISSELTON A. E. Young	59.2	59.2	71.4	47.1	303	7
349	RAKAIA Miss A. Hardy	61.0	61.0	73.2	48.9	123	3
1000	FAIRLIE .. A. J. Grant	..	..	70.3	..	213	8
130	TIMARU Caretaker of Domain	58.6	58.6	68.4	48.8	125	12
200	WAIMATE F. Akhurst	56.4	56.4	65.5	47.4	247	13
1550	SANATORIUM, WAIPIATA Dr. A. Kidd	55.2	55.2	66.5	44.0	155	12
1000	OPHIR A. Don	57.2	57.2	68.5	46.0	89	9
300	DUNEDIN D. Tannock	55.7	55.7	64.3	47.2	224	18
245	GORE A. T. Newman	54.0	54.0	64.8	43.3	261	20
12	HOKITIKA J. A. Chesney	55.2	55.2	60.2	50.3	1493	27
12	INVERCARGILL L. Lenlie	53.9	53.9	62.2	45.7	264	19
	LATE RETURNS.						
42	LINCOLN November, 1925 ..	55.5	55.5	64.7	46.4	..	..
245	GORE—November, 1925 ..	50.7	50.7	61.1	40.4	406	23

SUMMARY FOR THE MONTH OF DECEMBER, 1925.

Warm, dry, and windy weather was experienced during December in most parts of the Dominion and, except in Westland and the high country of the South Island, the aggregate month's rainfall was everywhere below the mean. The latter districts had more than their average precipitation chiefly owing to two severe westerly storms, one which ruled on the 3rd and 4th, and the other between the 9th and 11th. The heavy rains during these two periods caused floods in the West Coast rivers, and also, at the same time, some of the Canterbury rivers flooded, owing to the melting of the snow on the eastern slopes of the Southern Alps.

There were several other minor westerly disturbances during the month, and only one ex-tropical "low," which passed too far north to benefit Hawke's Bay. A thunderstorm there, however, on New Year's Eve, brought some temporary relief from an extended period of drought.

D. C. BATES, Director.