

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of April, 1927. 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.					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.							Fah.
1	30.438	56.1	38.1	47.1	112.3	31.1	130	0	E.N.E.	..		
2	30.196	65.1	53.7	59.4	116.1	50.8	214	8	N.W.	..		
3	29.988	64.5	57.1	60.8	122.0	53.4	235	10	N.N.W.	..		
4	30.056	65.0	52.7	58.8	98.0	49.1	196	9	S.S.E.	..		
5	30.284	67.0	51.7	59.3	115.9	49.2	155	1	S.E.	..		
6	29.890	63.2	42.8	53.0	116.0	33.2	109	9	N.N.W.	15		
7	29.663	62.5	44.5	53.5	112.0	37.1	236	0	N.	..		
8	29.662	67.0	49.1	58.0	124.2	40.1	187	0	N.W.	..		
9	29.580	64.7	53.9	59.3	121.2	51.7	359	1	S.W.	..		
10	30.029	63.9	41.4	52.6	116.0	32.3	132	1	N.	..		
11	29.872	61.0	54.4	57.7	115.0	49.3	381	10	N.N.W.	4		
12	30.027	63.0	48.2	55.6	117.1	42.6	258	2	N.E.	..		
13	30.060	65.0	50.2	57.6	118.0	45.0	177	6	N.N.W.	7		
14	29.884	61.0	55.4	58.2	117.0	51.8	481	10	N.W.	1		
15	30.216	64.3	50.1	57.2	111.9	43.6	207	1	Calm	..		
16	30.157	62.8	41.3	52.0	114.9	32.8	95	9	N.E.	..		
17	30.206	64.3	49.7	57.0	117.8	42.2	108	6	N.	..		
18	30.081	64.0	55.3	59.6	120.8	54.4	320	10	N.N.W.	..		
19	30.031	61.6	58.1	59.8	91.1	58.0	505	10	N.W.	..		
20	30.170	65.7	51.1	58.4	110.0	44.4	172	10	Calm	41		
21	29.731	64.6	54.2	59.4	113.0	52.5	59	8	N.	1		
22	29.688	66.8	58.1	62.4	125.1	57.8	224	9	N.N.W.	..		
23	29.834	64.9	55.0	59.9	122.8	52.0	291	1	N.W.	..		
24	29.816	63.0	56.4	59.7	117.5	53.4	295	0	N.	..		
25	29.675	63.6	56.8	60.2	111.9	54.2	354	6	N.N.W.	24		
26	29.406	62.0	49.1	55.5	114.1	48.0	434	10	S.E.	Trace		
27	29.531	57.3	38.3	47.8	96.0	30.1	142	0	W.	6		
28	29.880	61.3	45.2	53.2	116.0	41.5	312	6	S.	17		
29	29.785	57.9	43.2	50.5	104.1	40.0	275	9	S.	25		
30	30.177	51.1	43.1	47.1	104.9	39.8	452	10	S.	12		
31	..	..	..	..	..	..	..	..	..	..
*	29.934	62.8	49.9	56.3	113.7	45.4	250	5.7	..	153		
†	30.043	62.7	51.2	56.9	107.1	44.2	234	5.5	..	380		

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm
11	2	1	2	4	1	2	5	2

NOTE.—A dry, cool, but bright month. Precipitation was 60 per cent. below the mean. Total bright sunshine, 171 hours 42 minutes, 52 per cent. of the possible, and two sunless days. Hail fell on the 6th and 29th. Mean earth temperature at 1 ft. was 56.9°, and 59.4° at 3 ft. Mean dew-point, 46.9°; mean elastic force of vapour, 0.322 in., and mean relative humidity, 71 per cent. of saturation.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM CHIEF STATIONS.
April, 1927.

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.		
NORTH ISLAND.						
Ft. 152	AUCKLAND ..	Deg. 59.9	Deg. 65.0	Deg. 54.7	Points. 393	18
131	RUAKURA FARM, HAMILTON EAST A. Y. Montgomery	56.6	67.6	45.7	283	14
211	MATAMATA .. W. Halligan	54.9	65.2	44.6	258	13
46	TE AROHA .. C. E. Christensen	57.7	67.9	47.6	244	13
340	WAIHI .. W. C. Morris	57.2	66.1	48.3	412	18
100	TAURANGA .. C. J. Butcher	56.8	66.5	47.2	436	13
925	ROTORUA .. W. E. Penno	54.6	63.9	45.3	261	12
60	NEW PLYMOUTH G. H. Dolby	55.5	62.6	48.4	452	20
2080	TAIHAPE .. A. R. Fanning	49.6	56.7	42.6	378	18
100	PALMERSTON NORTH J. A. Colquhoun	54.5	62.5	46.6	250	14
8	TANGIMOANA .. T. E. Stringer	55.5	64.0	47.0	183	11
119	CENTRAL DEVELOPMENT FARM, WERAROA J. E. Sharp	54.1	61.6	46.7	250	14
5	NAPIER .. Chas. L. Thomas	57.1	66.0	48.3	144	13
377	MASTERTON R. Brown	54.0	64.7	43.4	297	12
186	GREYTOWN .. W. Allan	54.5	65.0	44.0	298	10
10	WELLINGTON ..	56.3	62.8	49.9	153	11
SOUTH ISLAND.						
11	TAKAKA, NELSON J. H. Scott	53.1	63.8	42.4	387	6
34	NELSON .. H. Harrison	52.7	62.6	42.8	202	6
1220	HANMER SPRINGS W. Montgomery	50.6	61.0	40.3	113	7
25	CHRISTCHURCH H. F. Skey	51.8	62.2	41.5	113	10
42	LINCOLN .. M. J. Scott	52.3	63.7	40.9	51	7
1220	KISSELTON .. A. E. Young	55.9	71.7	40.2	427	11
349	RAKAIA .. Miss A. Hardy	50.3	61.4	39.3	93	9
323	ASHBURTON H. P. Clayton	51.5	62.1	40.9	105	9
1000	FAIRLIE .. A. J. Grant	..	..	..	..	..
2350	LAKE TEKAPO R. R. Beauchamp	45.1	56.6	33.6	141	5
130	TIMARU .. Caretaker of Domain	51.2	62.3	40.2	85	10
200	WAIMATE .. F. Akhurst	50.5	61.3	39.8	100	9
1550	SANATORIUM, WAIPIATA Dr. A. Kidd	46.8	56.5	37.2	76	10
1000	OPHIR .. Rev. A. Don	47.9	58.8	37.1	71	4
300	DUNEDIN .. D. Tannock	50.0	58.0	42.1	208	11
245	GORE .. A. T. Newman	47.7	56.1	39.5	217	16
12	HOKITIKA .. J. A. Chesney	50.4	58.3	42.6	978	18
12	INVERCARGILL L. Lennie	48.4	55.8	41.0	416	23

SUMMARY FOR THE MONTH OF APRIL, 1927.

Except in the northernmost districts of the North Island and at a few places on the West Coast of the South Island, the rainfall of April was below the average over the greater part of New Zealand. Fair weather was experienced in most parts between the 11th and 19th, but otherwise conditions proved somewhat unsettled, much dull weather prevailing, particularly during the latter half of the month, when extensive westerly disturbances held sway. Several westerly depressions were also in evidence between the 5th and 15th, but, although strong westerly winds were prevalent during this period, rainfall was chiefly confined to districts having a westerly aspect. The last few days of the month were cold and wintry on account of a storm area moving slowly eastward of the Dominion. Mean temperatures were lower than usual but, except in the northern districts, the total bright sunshine was above the average.

D. C. BATES, Director.