

Government Meteorological Observatory.

METEOROLOGICAL Observations at Kelburn, Wellington, for the Month of April, 1928. Observations taken at 9 a.m.

Altitude of Observatory, 415 ft.

Date.	Pressure, in Inches, at Sea-level and Standard Gravity.	Temperature (° F.) from Observations at 9 a.m.									Wind.			Rainfall, in Points (100 Points = 1 Inch).	Bright Sunshine: Hours and Tenths.	Weather (Symbols) at 9 a.m.
		In Screen.						Minimum on Grass.	Solar Radiation: Maximum.	Beaufort Scale.		Anemometer.				
		At 9 a.m.			Maxim.	Minim.	Direction.			Force.	Run in 24 Hours.					
		Dry.	Wet.	Humidity.								Dry.	Dry.			
1	30-222	63.4	61.5	90	69.1	60.0	58.6	122.0	NW	2	514	Trace	1.9	o		
2	30-283	59.0	56.3	84	70.8	53.1	48.2	125.0	Calm	..	75	..	7.4	o		
3	30-140	62.9	58.1	73	66.9	57.0	52.8	127.9	NNW	3	112	1	4.3	o		
4	30-224	54.2	50.0	74	57.2	51.1	47.1	123.2	SSE	5	160	..	0.7	o		
5	30-249	56.4	50.0	61	64.0	43.2	38.0	116.2	NNW	4	177	..	7.5	b		
6	30-036	64.0	58.2	68	67.2	53.1	53.6	126.2	NW	6	244	..	8.0	b		
7	29-960	65.0	60.1	73	68.5	58.9	56.1	123.8	NW	6	277	78	6.2	bc		
8	30-011	57.0	56.9	99	58.1	55.0	56.0	75.3	S	1	309	69	..	or		
9	30-163	56.6	56.5	99	64.4	53.6	55.0	90.1	Calm	..	48	133	..	r		
10	30-298	64.4	62.1	88	73.1	55.2	56.2	125.9	Calm	..	2	31	4.8	cf		
11	30-409	63.2	61.3	89	65.0	59.0	57.9	98.7	NNW	5	177	1	..	o		
12	30-386	64.6	60.1	76	67.3	61.0	58.9	119.9	NNW	4	198	..	8.1	bc		
13	30-196	62.4	57.6	73	65.8	59.5	57.2	110.0	NNW	6	330	..	0.3	o		
14	30-317	65.0	56.1	53	69.8	59.4	55.2	124.7	N	5	378	..	9.8	b		
15	30-309	63.9	57.9	67	67.1	58.4	55.2	120.8	N	4	209	..	3.4	bz		
16	29-805	65.0	59.3	70	65.3	60.5	58.9	100.1	N	7	300	164	0.7	c		
17	30-065	57.9	52.6	68	63.9	51.1	48.9	117.9	Calm	..	293	..	9.8	bc		
18	30-044	63.1	54.0	52	66.8	55.0	51.0	118.0	NNW	5	325	..	9.9	b		
19	30-419	57.2	52.2	69	63.0	51.0	49.9	116.0	E	1	163	..	7.2	bc		
20	30-001	60.3	54.5	66	63.3	52.1	47.5	122.8	N	6	125	..	3.1	c		
21	29-666	55.0	51.2	75	62.2	49.5	48.0	115.0	S	2	395	..	9.3	bc		
22	29-821	57.4	52.3	69	63.3	44.7	41.2	114.3	NW	3	68	..	8.7	bc		
23	29-846	60.0	53.4	62	66.4	53.4	48.2	116.2	NNW	2	194	..	8.1	b		
24	30-019	56.2	50.7	66	62.6	45.2	40.4	105.6	NW	6	202	..	0.1	o		
25	29-878	62.2	58.5	79	64.8	55.0	52.9	115.1	NNW	6	397	14	3.6	c		
26	29-561	64.4	62.0	87	67.2	57.2	57.6	117.7	NW	7	583	..	8.7	c		
27	29-799	56.8	55.4	91	62.8	55.0	53.9	111.0	S	2	290	6	0.2	o		
28	29-774	62.3	61.0	92	63.3	54.0	54.9	97.4	NW	7	156	..	1.7	o		
29	30-254	55.0	52.9	86	57.1	52.0	51.9	97.9	SSE	4	208	..	1.0	o		
30	30-308	53.5	49.8	75	59.5	49.2	48.9	67.2	ESE	3	206	85	..	c		
Means, &c.	30-082	60.3	56.1	76	64.9	54.1	52.0	112.1	..	3.7	237	582	134.5	..		

Mean earth temperature at 1 ft. 60.9°; and at 3 ft. 61.7°. Number of rain days, 10.

DIRECTION OF WIND.

Gale (force 8 or more).	Forces 4 to 7.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
..	17	4	8	..	1½	1½	4	11

NOTE.—Though generally a damp and cloudy month, there were some very fine days, especially between the 17th and 23rd. Rainfall at Karori Reservoir, near Kelburn, was 59 per cent. above the normal. Total bright sunshine, 134.5 hours (41 per cent. of the possible), and four sunless days. Thunder and lightning occurred on the 16th. Mean dew-point at 9 a.m., 52.5°; and mean vapour pressure, 0.395 in.

SUMMARY FOR THE MONTH OF APRIL, 1928.

April has been, on the whole, a mild and humid month, with an absence of extreme temperatures. Although gales were recorded on several occasions, and that of the 30th was very severe, there have been few drying winds. Rainfall was below normal over most of Taranaki and parts of the Manawatu, Hawke's Bay, and North Canterbury districts, but elsewhere there was an excess which, in most cases, was considerable. Large areas in Nelson, Marlborough, Westland, South Canterbury, and Northern and Central Otago received more than double the average fall.

The central provinces experienced heavy falls in the wet spell which occurred during the Easter holidays. This was a particularly beneficial rain, since it was accompanied by very mild temperatures, extended over several days, and, in the early stages, was light but steady. The ground, therefore, became thoroughly soaked, and the maximum of good and the minimum of damage was done. Complete relief was given from the very dry condition which had prevailed for the greater part of the interval since the end of December in Nelson, and to a less extent in other districts.

In other parts of the Dominion, the heaviest rains were generally recorded in connection with the stormy period which commenced on the 25th and culminated on the 30th.

Sunshine was below the average and cloudiness and humidity above. Mean temperatures were two to three degrees above normal at most places. Damaging frosts occurred in some parts of the South Island on the 5th and the 22nd. Gales were experienced over wide areas on the 4th, 12th, 14th, 16th, 21st, and 30th. None of these, however, was a westerly gale, and consequently, as mentioned above, none of them had any great desiccating effect. Much misty weather, with fog in many places, was experienced in connection with the several cyclones which controlled our weather at intervals during the month.

Observers' reports indicate that there has been good growth of pasture over the Dominion generally. Stock are in fair condition, and milk yields have been well maintained in most districts. There have been good yields of fruit and other crops.