

Government Meteorological Observatory.

METEOROLOGICAL Observations at Kelburn, Wellington, for the Month of May, 1929. 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.			Maximum.	Minimum.	Direction.			Force.	Run in 24 Hours.				
		Dry.	Wet.	Humidity.											
1	29-669	56.7	50.0	60	59.8	46.0	35.9	110.1	N	4	169	..	8.6	bw	
2	29-984	56.7	51.8	70	63.9	45.7	35.4	120.8	NE	1	235	..	9.7	bwm	
3	30-114	57.0	53.3	77	59.6	47.2	39.9	110.0	NW	3	84	..	8.6	bcz	
4	30-280	53.7	51.5	86	57.9	47.2	39.5	118.2	SSE	1	98	..	6.8	bef	
5	30-326	54.8	52.0	82	65.5	43.7	33.5	116.0	NE	1	67	..	9.2	bw	
6	30-200	56.0	51.6	73	58.3	45.7	35.7	110.5	NW	1	45	..	9.1	bwf	
7	30-007	57.0	52.9	74	64.3	45.2	39.5	112.2	NW	3	89	Trace	9.0	bwm	
8	29-742	58.9	54.3	72	64.0	52.1	46.0	119.4	NNW	3	133	14	3.8	o	
9	29-590	57.1	52.1	69	59.3	54.0	50.1	109.2	NW	6	443	..	9.3	bqz	
10	29-778	53.3	46.2	53	57.1	49.2	44.0	106.9	NW	6	403	6	6.9	bz	
11	30-156	50.9	44.0	53	53.8	45.3	41.0	106.4	SSE	4	301	..	7.9	b	
12	30-437	51.2	46.7	69	52.9	48.0	41.0	76.0	S	4	133	..	0.3	o	
13	30-409	48.9	46.1	80	53.2	46.5	45.9	91.0	SE	6	283	1	0.3	o	
14	29-987	53.2	52.0	92	54.0	47.2	45.0	67.0	SE	4	235	85	..	od	
15	29-640	49.0	49.0	100	49.4	48.3	48.3	56.2	SE	7	442	100	..	or	
16	29-877	47.9	45.5	82	48.8	45.8	45.0	67.1	SE	7	481	28	0.1	or	
17	30-258	48.5	45.8	80	51.8	44.0	42.2	88.3	SE	2	320	..	1.5	o	
18	30-214	45.2	43.7	88	58.0	39.2	29.2	106.0	Calm	..	73	..	9.0	bf	
19	30-087	48.2	45.4	79	56.5	41.3	30.6	106.2	NE	1	49	..	8.2	bz	
20	30-131	51.2	49.1	85	53.4	47.2	43.0	103.1	SSE	2	127	..	8.7	b	
21	30-217	48.8	47.4	90	60.0	42.2	31.7	108.1	N	1	113	..	8.9	bf	
22	30-266	48.6	47.5	92	58.3	43.9	34.0	107.0	Calm	..	97	Trace	8.5	bf	
23	30-142	51.2	49.1	85	53.2	47.0	44.0	90.2	N	3	179	..	1.8	o	
24	30-059	52.8	50.0	81	57.6	45.9	39.2	105.7	Calm	..	162	2	7.3	bef	
25	29-967	48.1	48.0	99	52.2	44.8	38.9	59.8	Calm	..	91	17	..	orf	
26	29-613	51.7	50.4	91	57.3	43.0	37.0	110.8	NNW	4	50	75	0.4	og	
27	29-871	40.9	38.1	76	46.2	39.4	38.0	84.1	SSE	5	262	19	0.5	opq	
28	30-014	42.6	41.0	86	50.8	38.9	36.4	92.9	SSE	3	266	1	4.2	op	
29	30-278	50.2	47.0	77	51.8	41.7	36.0	101.1	SSE	4	155	Trace	6.5	bc	
30	30-519	43.7	43.0	95	54.0	39.0	30.2	101.9	Calm	..	118	Trace	7.5	bf	
31	30-561	46.6	45.6	92	51.8	41.7	36.0	87.4	Calm	..	155	Trace	3.7	bc	
Means, &c.	30-077	51.0	48.1	80	56.0	45.0	39.1	98.3	..	2.8	189	348	166.3	..	

Mean earth temperature at 1 ft., 52.3°; and at 3 ft., 55.4°. Number of rain days, 11.

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.
..	12	6	4	3	..	8	4	6

NOTE.—A pleasant autumn month, with sunshine well above the average and temperatures below normal. The rainfall was 3 per cent. below the mean of Karori Reservoir, near Kelburn. Total bright sunshine, 166.3 hours, 54 per cent. of the possible, and three sunless days. A frost occurred on the morning of the 18th. Hail fell on the 27th, lightning was seen on the 9th, and fog was in evidence on ten days. Mean dew-point, 45°; and mean vapour pressure, 0.298 in.

SUMMARY FOR THE MONTH OF MAY, 1929.

May was a very dry month over the whole of the South Island and the greater portion of the North Island. The only areas where the total rainfall exceeded the average were the Auckland Peninsula and most of the Gisborne and Hawke's Bay districts. Many places in the South Island experienced the lowest May rainfall since records have been kept.

Although temperatures, on the whole, were lower than usual, there was an absence of strong wind, except for short periods, and this, combined with the frequency of sunny days, was conducive to an excellent growth of pasture for this time of the year. The result is that a plentiful supply of winter feed is practically assured. Stock have generally maintained their good condition, but in parts of Hawke's Bay and the central portion of the North Island lambs and hoggets have not thrived as well as could be wished.

The main meteorological feature of the month has again been a relative absence of westerly winds owing to pressure systems of the cyclonic type having been most prominent. The only depression of the westerly type of any importance experienced was one which prevailed between the 8th and 10th, and the greater part of the rainfall registered in Westland was associated with this disturbance.

There were a number of small cyclones which, in most cases, passed across northern New Zealand, and brought rain mainly to the northern and east coast provinces of the North Island.

The most notable storm was a cyclone which appeared first on the 11th as a small centre to the north-west of Cape Maria van Diemen. Gradually increasing in extent and intensity as it moved southwards, it affected all parts of the Dominion, rain being general between the 14th and 16th. From Marlborough northwards stormy conditions prevailed, with strong south-east to south winds, which in some places reached gale force. Very heavy rains fell in the east coast