

Government Meteorological Observatory.

METEOROLOGICAL Observations at Kelburn, Wellington, for the Month of October, 1933. Observations taken at 9 a.m.

Altitude of Observatory, 415 ft.

Date.	Pressure in Inches, at Sealevel 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	29.536	55.7	55.2	95	56.3	54.0	54.1	76.0	NW	8	537	223	0.0	or	
2	29.403	47.2	47.0	98	48.2	47.1	47.2	82.9	SSE	4	434	144	0.0	or	
3	29.797	45.2	42.6	79	58.0	38.8	38.2	116.2	NNE	2	263	..	7.8	o	
4	29.960	56.1	50.8	67	61.1	42.3	35.6	119.1	NW	3	105	..	10.7	b	
5	30.034	56.0	51.2	70	59.2	47.2	42.3	127.7	NW	5	219	1	10.6	bq	
6	30.218	47.0	46.1	93	57.7	46.0	46.0	125.7	SE	3	347	..	2.0	od	
7	30.253	56.3	52.5	76	59.2	43.2	36.1	121.3	N	3	86	..	6.1	o	
8	30.157	55.0	52.6	84	59.1	51.1	48.6	121.3	NW	5	307	..	7.6	o	
9	29.914	56.1	53.0	80	61.2	51.3	49.7	128.3	NW	5	396	74	1.7	o	
10	29.925	52.0	47.8	72	56.7	44.0	43.0	121.8	SE	2	229	..	9.8	bc	
11	30.181	56.2	50.9	67	60.2	42.0	35.3	122.6	NW	3	80	..	9.8	b	
12	30.102	54.1	49.1	67	58.2	49.9	47.5	124.0	NNW	6	270	9	9.3	o	
13	29.980	55.9	52.8	80	58.9	50.2	48.8	113.2	NW	6	515	54	1.4	oq	
14	29.967	53.2	53.1	99	57.4	52.0	51.7	98.3	NNW	3	369	83	0.1	or	
15	30.126	48.4	48.3	99	61.0	46.4	46.8	84.0	SSE	2	162	9	0.1	omd	
16	30.117	60.1	55.8	75	66.7	47.7	47.0	128.0	NNE	2	62	Trace	7.1	c	
17	29.917	60.4	55.2	70	62.2	52.0	48.1	118.0	NNW	4	210	20	2.2	o	
18	29.654	57.2	56.9	98	59.0	54.2	54.6	114.9	NW	4	378	20	3.2	o	
19	29.907	45.7	45.2	96	54.5	44.6	45.0	95.2	SSE	3	257	6	0.1	or	
20	29.917	52.5	48.0	70	60.2	39.1	34.9	120.7	W	2	99	Trace	8.0	c	
21	30.248	51.3	46.7	68	54.1	44.3	42.2	125.4	SSE	3	195	..	10.5	bc	
22	30.378	52.3	47.2	59	60.0	40.1	32.3	133.8	SE	2	108	..	7.9	ow	
23	30.451	58.0	52.4	67	61.8	42.8	34.2	129.1	NE	2	70	..	12.5	b	
24	30.397	54.2	49.0	66	60.2	49.3	45.0	119.4	NNW	4	180	..	6.6	o	
25	30.342	59.8	53.0	61	63.8	44.9	39.1	123.2	N	2	135	..	12.2	b	
26	30.153	56.1	52.8	79	60.6	51.1	48.0	128.3	NW	5	201	20	8.4	c	
27	29.940	54.7	54.3	97	59.8	52.8	51.2	116.0	NW	6	496	10	0.0	orq	
28	30.025	58.1	50.2	54	64.0	49.0	47.8	123.0	SSE	2	343	..	11.3	b	
29	29.993	56.8	52.2	71	61.6	49.0	46.0	129.8	NW	6	212	12	7.6	bq	
30	30.234	53.2	52.2	93	60.8	49.3	49.8	121.0	SE	2	332	..	7.3	o	
31	30.286	60.0	50.4	46	66.8	43.2	32.1	127.0	E	1	121	..	12.9	b	
Means, &c.	30.049	54.3	50.8	77	59.6	47.1	44.1	117.3	..	3.5	249	685	194.8	..	

Mean earth temperature at 1 ft., 55.0°; and at 3 ft., 54.1°. Number of rain days, 14.

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.
1	12	..	5	2	1	6½	2½	..	1	13

NOTE.—A remarkably good spring month. Temperatures were very slightly below normal, and there were no frosts. Total bright sunshine, 194.8 hours, 48 per cent. of the possible; three sunless days. Precipitation was 101 per cent. above normal, more than half of which fell in the first two days. There was a strong north-west gale on the 1st accompanied by very heavy rain, and on the 2nd a strong southerly blow. The remainder of the month was mild with very little wind. Mean dew-point at 9 a.m., 47.3°; mean vapour pressure, 0.325 in.

NOTES ON THE WEATHER FOR OCTOBER, 1934.

General.—With the exception of the first two days October was very mild and equable. There was much less westerly wind than usual at this time of year. Conditions are rather dry in the eastern portions of the North Island, but in Nelson, Marlborough, and Canterbury the subsoil is thoroughly soaked for the first time during the last four to five years. Over the rest of the country, though rainfall has been on the light side so far this year, there is no acute shortage. On the whole, October was one of the best spring months we have had. There has been a wonderful flush of growth in grass and vegetation generally, and the countryside has never looked greener. Stock are in good condition, although in some districts lambs have not thriven as well as might be expected. The prospects for fruit and other crops are very good. Some trouble has been experienced in parts of Canterbury and Marlborough from excessive moisture.

Rainfall.—In Taranaki, western Wellington, Nelson, Marlborough, and Canterbury, rains were, in general, much above the average, though there were a few exceptions. Wellington City and much of Marlborough had double the normal total. In Westland the falls were for the most part about average. The remainder of the country received much less than is usual in October.

Temperatures.—After the 2nd the month was a very mild one with no prolonged or severe spell of cold southerly wind. Nevertheless, mean temperatures were almost everywhere below normal. The departures were fairly large on the east coast but very small on the west.

Sunshine.—As regards sunshine, conditions were very irregular. Considerable departures from the average were recorded at numbers of places, but excesses and deficits appear to be about equally mixed. Lake Tekapo had 246.5, Napier 226.1, Tauranga 215.5, and Blenheim 211.7 hours.