

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of October, 1925. Observations taken 9 a.m.

Altitude of Observatory, 10 ft.

Date.	Barometer reduced 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	29.346	65.1	48.1	56.6	129.0	38.9	85	5	N.N.W	42
2	29.382	61.1	50.9	56.0	117.0	47.0	411	6	N.W.	19
3	29.397	57.1	47.0	52.0	123.0	43.1	372	10	N.W.	22
4	29.599	54.1	45.3	49.7	113.0	42.3	260	10	Calm	4
5	29.777	58.0	48.0	53.0	109.0	40.0	161	8	S.S.E.	16
6	29.869	55.4	47.2	51.3	125.0	44.9	258	10	S.S.E.	5
7	30.038	55.8	46.1	50.9	115.0	41.8	226	1	S.E.	..
8	29.892	56.0	35.5	45.7	119.0	25.1	124	6	E.S.E.	20
9	29.566	59.7	49.2	54.4	126.0	46.2	217	7	N.W.	..
10	29.679	59.2	45.4	52.3	124.0	33.9	233	1	N.W.	10
11	29.623	62.1	52.0	57.0	121.0	47.9	431	8	N.W.	..
12	29.884	61.1	50.8	55.9	124.0	43.8	259	7	N.W.	trace.
13	29.865	62.0	55.1	58.5	123.0	53.8	375	10	N.W.	16
14	29.792	61.0	55.3	58.1	98.0	54.2	575	10	N.W.	154
15	30.024	60.4	52.8	56.6	109.0	50.7	313	10	E.N.E.	162
16	30.051	63.0	52.2	57.6	81.0	52.0	258	10	N.W.	6
17	29.973	67.2	54.3	60.7	123.0	48.9	84	10	N.E.	1
18	29.892	64.1	54.0	59.0	128.0	52.1	322	8	N.W.	1
19	30.148	60.7	50.8	55.7	113.0	41.5	400	2	S.E.	..
20	30.259	65.9	49.0	57.4	125.0	43.9	152	0	N.W.	..
21	30.205	67.2	48.0	57.6	122.0	36.5	115	1	N.W.	..
22	30.055	68.0	57.1	62.5	133.0	50.8	153	6	N.E.	53
23	29.714	72.7	58.3	65.5	131.0	56.3	169	10	N.W.	27
24	29.623	60.6	53.2	56.9	96.0	51.1	432	10	S.E.	2
25	30.102	56.8	48.0	52.4	121.0	44.2	364	8	S.E.	..
26	30.087	58.0	43.1	50.5	124.0	34.9	149	10	S.	5
27	30.354	58.9	43.1	51.0	127.0	40.0	511	8	S.E.	trace.
28	30.423	53.9	45.7	49.8	117.0	41.2	346	1	S.E.	..
29	30.498	56.9	45.2	46.0	119.0	24.2	116	0	N.E.	..
30	30.440	65.1	35.0	55.0	122.0	33.3	125	6	N.W.	..
31	30.353	62.8	50.1	56.4	127.0	39.5	195	0	N.N.E.	..
*	29.933	61.0	48.9	54.9	119.4	43.4	264.2	6.4	..	565
†	29.895	60.3	48.3	54.3	114.8	42.1	285	5.4	..	413

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
2	3	2	6	3	14	1

NOTE.—A good spring month, with precipitation 37 per cent. above the mean of previous years. Total bright sunshine 186 hours 59 minutes, 46 per cent. of the possible, and four sunless days. Thunder was heard on the 3rd and 15th, hail fell on the 3rd, and frost was recorded on the grass on two mornings. Mean earth-temperature at 1 ft. was 55.7° and 55.6° at 3 ft. Mean dew-point, 46.9°; mean elastic force of vapour, 0.322 in.; and mean relative humidity, 75 per cent. of saturation.

SUMMARY FOR THE MONTH OF OCTOBER, 1925.

October's weather was an improvement on that experienced in the preceding spring and winter months, less wind and more continued warmth being favourable to vegetable growth and stock.

Although westerly disturbances predominated, only one, which passed in the South between the 13th and 15th, was of marked intensity, causing strong northerly to westerly winds and considerable rain, especially in the South and about Cook Strait.

Anticyclonic conditions ruled during the last week, when fine sunny days and cold nights were experienced generally. The total month's rainfall was below the average in all districts, except Nelson and parts of Otago in the South Island, and about the Bay of Islands in the North.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM CHIEF STATIONS.

October, 1925.

Altitude above Sea-level.	Name of Station and Observer.	Absolute Mean Temp. Air in Shade.	Extremes.		Total Rainfall (100 Points to the Inch).	Days with Rain († Point or more).
			Mean Max. Temp.	Mean Min. Temp.		
Ft. 152	NORTH ISLAND. AUCKLAND ..	Deg. 57.2	Deg. 62.7	Deg. 51.6	Points. 203	19
131	RUAKURA FARM, HAMILTON EAST G. A. Holmes	55.7	66.2	45.3	293	17
46	TE AROHA .. C. E. Christensen	58.6	68.2	49.0	521	18
340	WAIHI .. C. F. Sims	56.9	66.2	47.7	536	16
100	TAURANGA .. C. J. Butcher	56.5	64.8	48.2	393	19
925	ROTORUA .. W. E. Penno	54.6	62.9	46.4	666	21
60	NEW PLYMOUTH .. G. H. Dolby	55.2	61.6	48.9	439	20
2080	TAHAPE .. A. R. Fannin	49.9	57.4	42.5	257	13
100	PALMERSTON NORTH .. J. A. Colquhoun	55.5	63.8	47.2	159	15
8	TANGIMOANA .. R. A. Reid	54.5	64.0	44.9	132	17
119	CENTRAL DEVELOPMENT FARM, WERAROA J. E. Sharp	54.3	62.8	45.8	199	13
5	NAPIER .. Chas. L. Thomas	57.7	64.9	50.6	117	10
377	MASTERTON .. R. Brown	54.4	63.8	45.0	169	19
186	GRETOWN .. W. Allan	51.7	62.5	41.0	367	13
10	WELLINGTON ..	54.9	61.0	48.9	565	18
87	SOUTH ISLAND. BRIGHTWATER .. Ven. Archdeacon Kempthorne	52.4	61.7	43.2	540	17
34	NELSON .. H. Harrison	53.7	61.5	46.0	661	17
1220	HANMER SPRINGS .. W. G. Morrison	51.0	61.3	40.8	250	15
25	CHRISTCHURCH .. H. F. Skey	53.4	62.1	44.7	167	7
42	LINCOLN .. M. J. Scott	54.1	63.9	44.4	167	9
1220	KISSELTON .. A. E. Young	58.7	69.7	47.8	191	8
349	RAKAI .. Miss A. Hardy	52.7	63.1	42.4	321	10
1000	FAIRLIE .. A. J. Grant	50.8	64.2	37.4	395	12
130	TIMARU .. Carstaker of Domain	52.4	61.9	43.0	91	11
200	WAIMATE .. F. Akhurst	51.0	60.8	41.2	118	8
1550	SANATORIUM, WAIPIATA Dr. A. Kidd	48.9	58.9	38.9	206	11
1000	OPHIR .. A. Don	50.5	61.2	39.8	243	11
300	DUNEDIN .. D. Tannock	222	13
245	GORE .. A. T. Newman	51.1	62.7	39.5	232	11
12	HOKITIKA .. J. A. Chesney	51.4	58.7	44.2	1056	16
12	INVERCARGILL .. P. W. Thomas	51.0	59.9	42.1	324	14
LATE RETURNS.						
1220	KISSELTON—September, 1925 ..	49.7	56.9	42.6	867	17
245	GORE—JUNE, 1925 ..	37.0	46.0	28.1	150	14
ERRATUM.						
300	DUNEDIN—February, 1925 ..	56.8	64.1	49.5	222	13

D. C. BATES, Director.