

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of May, 1920. Observations taken 9 a.m.

Altitude of Observatory, 8 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.						
1	30-007	Fah. 54.9	Fah. 43.3	Fah. 49.1	Fah. 96.0	32.6	103	8	N.E.	..	
2	29-812	58.5	54.6	56.5	110.0	51.2	381	9	N.W.	23	
3	29-774	60.7	47.3	54.0	121.0	46.8	470	10	S.	Trace	
4	29-693	58.5	44.9	51.7	115.0	32.1	238	2	N.W.	9	
5	30-088	62.6	45.4	53.0	115.0	37.1	221	1	S.	..	
6	30-330	53.4	44.8	49.1	104.0	38.3	228	5	N.E.	..	
7	30-470	56.0	37.0	46.5	114.0	25.6	18	8	Calm	..	
8	30-465	57.9	38.1	48.0	109.0	28.1	24	7	Calm	..	
9	30-186	55.8	40.7	48.2	99.0	31.6	52	8	N.E.	..	
10	29-909	55.3	51.7	53.5	91.0	49.0	240	8	NNE	Trace	
11	29-738	60.2	48.9	54.5	110.0	38.0	242	10	S.E.	12	
12	29-666	55.2	51.3	53.2	94.0	47.6	453	8	S.E.	7	
13	29-641	57.0	47.4	52.2	106.0	44.0	512	9	SSE	15	
14	29-480	51.2	45.6	48.4	89.0	43.9	525	10	SSW	4	
15	29-662	51.6	49.0	50.3	67.0	48.0	381	10	SSE	..	
16	29-890	54.9	39.2	47.0	86.0	28.8	68	1	Calm	..	
17	29-898	60.5	48.9	54.7	115.0	39.7	196	8	N.	..	
18	29-621	60.9	57.1	59.0	119.0	55.1	358	5	NNW	9	
19	29-413	60.5	51.7	56.1	112.0	43.9	308	4	N.W.	3	
20	29-223	58.9	48.1	53.5	109.0	37.0	231	4	S.W.	..	
21	29-606	52.1	30.8	41.4	96.0	22.0	7	..	Calm	..	
22	29-265	58.5	45.0	51.7	108.0	46.7	449	2	WNW	..	
23	29-788	60.4	37.9	49.1	112.0	26.5	202	..	NW	..	
24	29-954	57.9	50.0	53.9	105.0	44.3	222	2	NNW	..	
25	29-933	59.9	50.1	55.0	111.0	41.9	142	10	N.E.	Trace	
26	29-760	56.0	40.2	48.1	85.0	31.0	124	2	SSW	4	
27	29-512	57.5	41.3	49.4	108.0	28.1	219	10	Calm	19	
28	29-167	56.7	43.0	49.8	99.0	39.5	205	10	SSE	58	
29	29-439	45.3	31.9	38.6	61.0	25.5	132	8	S.	61	
30	29-840	47.6	37.7	42.6	101.0	35.6	492	6	SSW	Trace	
31	30-075	48.2	43.5	45.8	99.0	39.2	468	7	S.	3	
*	29-784	56.3	44.7	50.5	102.1	38.0	255	6.2	..	227	
†	29-965	58.3	47.3	52.8	95.2	39.9	218	..	..	481	

\* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
4	4	..	2	10	1	1	4	5

NOTE.—A cloudy and unsettled month, with moderate to strong southerly winds prevailing. Total bright sunshine 125 hours 41 minutes, and three sunless days. Hail fell on the 27th and 28th, and thunder on the 28th. Mean earth-temperature at 1 ft. was 51.1°; and 55.3° at 3 ft. Mean dew-point, 42.3°; mean elastic force of vapour, 0.28 in.; and mean relative humidity, 77 per cent. of saturation.

CLIMATOLOGICAL TABLE.  
MEANS AND TOTALS FROM THE CHIEF STATIONS.  
May, 1920.

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 (4 Point or more.)
			Mean Max. Temp.	Mean Min. Temp.		
Ft. 125	NORTH ISLAND. AUCKLAND .. F. A. F. Burnett	Deg. 54.7	Deg. 60.0	Deg. 49.5	Points. 559	Dys. 20
46	TE AROHA .. G. F. McGirr	51.7	60.0	43.4	468	16
925	ROTORUA .. L. Bayfield	54.5	69.0	40.1	298	10
340	WAIHI .. P. A. Clifford	51.7	59.3	44.2	615	18
..	TAURANGA .. C. J. Butcher	50.5	59.9	41.1	360	12
160	NEW PLYMOUTH .. W. W. Smith	52.2	58.0	46.4	390	19
250	MOUMAHAKI .. T. W. Lonsdale	49.1	57.9	40.3	420	23
2080	TAIHAPE .. A. R. Fannin	43.9	49.3	38.5	457	25
100	PALMERSTON NORTH .. J. A. Colquhoun	49.5	57.5	41.6	241	11
119	CENTRAL DEVELOPMENT FARM, WERAROA J. Beverley	49.8	57.9	41.7	166	9
186	GREYTOWN .. T. W. Bowman	..	..	..	..	..
377	MASTERTON .. R. Brown	..	..	..	423	20
70	GREENMEADOWS, NA-PIER T. B. McBreen	51.1	59.7	42.5	157	6
..	TRENTHAM MILITARY HOSPITAL	47.9	56.5	39.3	630	13
10	WELLINGTON ..	50.5	56.3	44.7	227	13
..	SOUTH ISLAND. BRIGHTWATER .. Ven. Archdeacon Kempthorne	48.2	58.2	38.2	144	11
34	NELSON .. J. Williams	48.5	56.5	40.6	146	9
1220	HANMER SPA .. G. J. O'Brien	44.7	53.4	36.1	432	16
25	CHRISTCHURCH .. H. F. Skey	45.7	53.7	37.7	441	18
42	LINCOLN .. L. J. Wild	46.5	56.1	37.0	266	16
1220	KISSELTON .. A. R. Blackwood	44.4	54.5	34.4	189	12
..	RAKAIA .. Miss A. Hardy	45.7	55.5	35.9	158	12
130	TIMARU .. Caretaker of Domain	47.8	57.2	38.5	62	9
200	WAIMATE .. F. Akhurst	46.8	54.8	38.7	98	12
300	DUNEDIN .. D. Tannock	45.8	52.7	39.0	389	16
245	GORE .. A. T. Newman	43.3	52.3	34.3	603	21
12	HOKITIKA .. J. A. Chesney	44.9	51.9	38.0	862	18
12	INVERCARGILL .. L. Lennie	45.5	53.1	37.9	630	21

SUMMARY FOR THE MONTH OF MAY, 1920.

The May rainfall was below the average in all but the northern and southernmost districts and in parts of North Canterbury. The weather, however, was very unsettled, particularly during the last half of the month, when some very intense and extensive westerly disturbances accounted for a prevalence of strong west to southwest winds and squally, showery conditions.

From the 10th to the 13th, while a cyclone passed in the North, dull misty weather was experienced with occasional heavy rain in the northern and East Coast districts.

Anticyclonic conditions ruled between the 4th and 9th, and this was the only period during which fair weather prevailed over the whole Dominion.

D. C. BATES.