

Government Meteorological Observatory.

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

Altitude of Observatory, 8 ft.

Date.	Barometer reduced and corrected in Inches to Lat. 49°.	From Self-registering Instruments, for Twenty-four Hours previously.							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, 0 to 10.	Amount of Cloud.		
1	30-242	Fah. 49-8	Fah. 45-6	Fah. 47-7	Fah. 76-0	42-1	193	10 N.E.	63	
2	30-402	50-6	45-9	47-9	78-0	43-8	216	7 S.	Trace	
3	30-405	52-9	34-1	43-5	100-0	24-0	75	0 N.E.	..	
4	30-284	56-5	35-0	45-7	99-0	26-8	25	0 Calm	..	
5	30-134	58-1	37-6	47-8	104-0	29-1	41	9 Calm	70	
6	29-994	59-9	43-7	51-8	106-0	42-0	12	10 Calm	9	
7	29-934	56-7	46-7	51-7	84-0	39-5	45	9 Calm	Trace	
8	29-880	56-5	47-3	51-9	92-0	43-7	44	7 Calm	Trace	
9	29-930	56-5	51-0	53-7	101-0	42-2	179	2 N.W.	8	
10	29-902	57-6	51-6	54-6	105-0	50-0	380	10 NNW	132	
11	30-061	54-1	50-0	52-0	65-0	49-4	239	10 SSW	Trace	
12	30-362	56-0	37-1	46-5	101-0	25-8	67	8 Calm	..	
13	30-527	52-6	38-6	45-6	95-0	23-6	4	0 Calm	..	
14	30-604	55-7	36-5	46-1	96-0	26-8	11	0 Calm	..	
15	30-609	59-5	34-7	47-1	103-0	25-0	6	0 Calm	..	
16	30-575	58-4	36-2	47-3	103-0	26-5	61	3 NNE	..	
17	30-508	58-1	41-9	50-0	105-0	31-3	111	10 SSW	..	
18	30-386	50-5	34-9	42-7	62-0	23-9	99	10 Calm	..	
19	29-991	52-3	41-7	47-0	75-0	32-3	50	9 ENE	13	
20	29-587	60-1	48-9	54-5	106-0	47-9	265	6 N.W.	Trace	
21	29-418	57-1	53-8	55-4	102-0	50-8	436	8 N.W.	98	
22	29-042	55-7	48-1	51-9	70-0	47-7	249	10 S.W.	25	
23	29-359	54-2	48-3	51-2	65-0	42-1	222	10 NNW	15	
24	29-324	55-4	46-2	50-8	76-0	45-1	290	10 SSE	43	
25	29-547	50-7	41-0	45-8	80-0	39-5	142	10 SSE	61	
26	29-996	45-0	34-2	39-6	85-0	22-9	281	6 N.E.	30	
27	30-194	50-8	43-8	47-3	98-0	43-3	361	10 S.	8	
28	30-484	49-0	38-6	43-8	77-0	28-1	143	4 Calm	..	
29	30-531	56-0	31-6	43-8	110-0	20-0	7	0 Calm	..	
30	30-572	53-1	38-1	45-6	103-0	29-1	195	3 N.	..	
*	30-093	54-6	42-1	48-3	90-7	35-5	148-3	6-4	..	575
†	29-949	54-7	44-3	49-5	86-5	37-2	205	493

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
4	3	1	..	6	1	..	3	12

NOTE.—An average winter month, with barometric pressure, precipitation, and sunshine slightly above the mean of previous years. Total bright sunshine, 106 hours 20 minutes, and seven sunless days. Frost was recorded on the grass on fourteen mornings, hail fell on the 25th, and fog was in evidence on the 12th. Mean earth-temperature at 1 ft. was 47-6°, and 51-3° at 3 ft. Mean dew-point, 43-5°; mean elastic force of vapour, 0-283 in.; and mean relative humidity, 83 per cent. of saturation.

CLIMATOLOGICAL TABLE. MEANS AND TOTALS FROM THE CHIEF STATIONS.

June, 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 (1 Point or more).
			Mean Max. Temp.	Mean Min. Temp.		
Ft. 125	NORTH ISLAND.	Deg. 53-7	Deg. 58-6	Deg. 48-9	Points. 855	Dys. 14
46	AUCKLAND F. A. F. Burnett	51-2	59-2	43-2	767	16
925	TE AROHA .. G. F. McGirr	52-7	64-1	41-4	1,110	10
340	ROTORUA .. L. Bayfield	50-9	58-6	43-3	1,449	21
..	WAIHI .. P. A. Clifford	50-8	59-2	42-4	1,216	17
160	TAURANGA .. C. J. Butcher	51-5	59-1	43-9	469	12
250	NEW PLYMOUTH .. W. W. Smith	47-3	56-2	38-5	492	10
2080	MOUMAHAKI .. J. G. McFarlane	44-6	49-8	39-4	352	14
100	TAIHAPE .. A. R. Fannin	47-5	55-3	39-7	438	15
119	PALMERSTON NORTH .. J. A. Colquhoun	47-5	57-0	38-1	481	10
186	CENTRAL DEVELOPMENT FARM, WERAROA J. Beverley	..	..	..	..	..
377	GREYTOWN .. T. W. Bowman	48-6	56-6	40-5	413	15
70	MASTERTON .. R. Brown	50-3	57-6	43-1	350	11
..	GREENMEADOWS, NAPIER T. B. McBreen	46-1	55-6	36-7	563	12
10	TRENTHAM MILITARY HOSPITAL	..	..	..	..	..
..	WELLINGTON .. SOUTH ISLAND.	48-3	54-6	42-1	575	13
..	BRIGHTWATER .. Ven. Archdeacon Kempthorne	46-8	57-0	36-7	343	12
34	NELSON .. J. Williams	47-5	54-6	40-5	388	9
1220	HANMER SPA .. G. J. O'Brien	41-1	50-8	31-4	392	9
25	CHRISTCHURCH .. H. F. Skey	45-2	51-3	39-1	108	8
42	LINCOLN .. L. J. Wild	45-5	53-5	37-6	255	11
1220	KISSLTON .. A. R. Blackwood	44-5	55-9	38-2	67	3
..	RAKAI .. Miss A. Hardy	48-5	51-6	35-4	183	8
130	TIMARU .. Caretaker of Domain	41-8	49-9	33-8	250	7
200	WAIMATE .. F. Akhurst	42-3	50-4	34-2	147	11
300	DUNEDIN .. D. Tannock	45-6	53-4	37-9	124	7
245	GORE .. A. T. Newman	39-4	47-8	31-1	48	10
12	HOKITIKA .. J. A. Chesney	43-3	47-4	39-3	563	18
12	INVERCARGILL .. L. Lennie	43-0	52-2	33-8	97	14
..	Errata.	..	..	..	..	..
..	GORE (February, 1919)	..	..	..	61	4

SUMMARY FOR THE MONTH OF JUNE, 1920.

The rainfall for the month was below average in the West Coast and southern half of the South Island and about Cape Egmont in the North Island; in all other parts it was in excess, the greatest difference above the mean being in the northern-most districts. Dull, misty, and wet weather was experienced from the 5th to the 11th, when disturbances of moderate intensity were in evidence both north and south of the Dominion. On the 5th and 6th very heavy rains occurred over most of the North Island, causing high floods in the central parts. Between the 19th and 27th a very intense and extensive westerly storm area, ruled, and this proved the most unsettled period during the month; rain fell generally, and snow occasionally, on the high country of the South Island. Fair weather was general during the first four and the last three days of the month, and between the 12th and 18th. Some severe frosts were recorded about the middle of the month.

D. C. BATES.