

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of June, 1923. Observations taken 9 a.m.

Altitude of Observatory, 10 ft.

Date.	Barometer reduced and corrected in Inches to Lat. 49°.	From Self-registering Instruments, for Twenty-four Hours previously.					Solar Radiation.	Terrestrial Radiation.	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.	Fah.						
1	29.454	55.5	51.3	53.4	92.0	44.7	271	9	WNW	..	..	
2	29.598	58.3	39.2	48.7	109.0	28.0	151	9	N.W.	..	..	
3	29.688	60.2	42.0	51.1	112.0	31.0	205	1	Calm	Trace	..	
4	29.592	61.7	45.3	53.5	108.0	38.2	119	10	Calm	84	..	
5	30.188	51.6	43.0	47.3	54.0	41.2	439	6	S.	..	..	
6	30.144	50.9	33.5	42.2	100.0	25.1	114	7	N.E.	..	..	
7	30.052	57.8	37.2	47.5	102.0	26.2	29	8	N.E.	..	..	
8	30.062	53.2	32.3	42.7	97.0	22.1	23	6	N.	Trace	..	
9	30.000	50.0	36.2	43.1	81.0	35.7	9	9	N.	Trace	..	
10	29.929	56.0	45.6	50.8	90.0	36.0	40	10	Calm	1	..	
11	29.804	56.3	45.5	50.9	65.0	38.7	16	10	Calm	74	..	
12	29.516	57.6	50.2	53.9	89.0	49.7	212	4	N.W.	6	..	
13	29.601	59.2	52.8	56.0	106.0	44.4	278	7	N.N.W.	Trace	..	
14	29.421	57.3	44.7	51.0	86.0	34.2	173	10	N.	17	..	
15	29.399	56.9	52.3	54.6	78.0	48.9	311	10	W.	Trace	..	
16	29.592	61.2	38.9	50.0	113.0	27.8	108	1	N.	Trace	..	
17	29.568	55.5	36.0	45.7	99.0	28.5	46	1	N.E.	8	..	
18	29.643	55.2	44.8	50.0	93.0	33.0	195	9	N.	..	..	
19	29.715	53.3	40.2	46.7	98.0	29.0	182	4	N.W.	20	..	
20	29.582	57.0	49.6	53.3	95.0	45.8	327	8	N.	72	..	
21	29.386	56.2	46.0	51.1	105.0	42.1	288	9	N.	..	..	
22	29.436	55.1	35.1	45.1	113.0	24.5	130	3	S.	33	..	
23	29.668	50.0	39.4	44.7	90.0	36.5	321	3	S.	..	..	
24	29.535	53.0	36.7	44.8	98.0	25.7	127	1	Calm	..	..	
25	29.350	56.2	41.0	48.6	102.0	29.2	126	3	S.W.	..	..	
26	29.633	54.2	33.3	43.7	100.0	22.1	69	0	N.	..	..	
27	29.708	52.9	37.1	45.0	96.0	27.2	83	4	S.	1	..	
28	29.442	50.6	44.3	47.4	87.0	39.9	350	10	S.	14	..	
29	29.308	49.5	35.9	42.7	93.0	24.0	126	2	S.W.	10	..	
30	29.260	52.1	35.3	43.7	98.0	23.5	146	9	S.	..	..	
..	..	..	..	..	..	..	..	..	..	..	..	
*	29.642	55.1	41.5	48.3	95.0	33.4	167.1	6.1	..	..	340	
†	29.949	54.7	44.3	49.5	87.1	37.7	208	5.7	..	..	492	

\* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
9	3	..	..	6	2	2	3	5

NOTE.—A month of fair winter weather, with precipitation 31 per cent. below the mean of previous years. Total bright sunshine 123 hours 55 minutes, 45 per cent. of the possible, and three sunless days. Thunder occurred on the 20th, and fogs on the 4th, 7th, and 8th. Frost was recorded on the grass on 15 mornings. Mean earth-temperature at 1 ft. was 47.0°, and 51.8° at 3 ft. Mean dew-point, 41.8°; mean elastic force of vapour, 0.265 in.; and mean relative humidity, 79 per cent. of saturation.

CLIMATOLOGICAL TABLE.  
MEANS AND TOTALS FROM THE CHIEF STATIONS.  
June, 1923.

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 (½ Point or more.)
			Mean Max. Temp.	Mean Min. Temp.		
Ft. 125	NORTH ISLAND. AUCKLAND ..	Deg. 53.6	Deg. 58.2	Deg. 49.0	Points. 895	29
131	RUAKURA FARM, HAMILTON EAST W. B. Monro	49.9	57.3	42.5	569	21
46	TE AROHA .. W. O'Connell	51.5	58.4	44.7	515	25
340	WAIHI .. C. F. Sims.	50.6	57.6	43.6	1320	27
100	TAURANGA .. C. J. Butcher	50.3	57.1	43.6	448	23
925	ROTORUA .. W. E. Penno	47.1	53.8	40.5	663	23
60	NEW PLYMOUTH G. H. Dolby	50.2	56.0	44.4	898	26
250	MOUMAHAKI .. J. G. McFarlane	..	Incomplete.	..	..	..
2080	TAIHAPE .. A. R. Fannin	43.0	47.9	38.1	542	26
100	PALMERSTON NORTH .. J. A. Colquhoun	47.8	55.5	40.1	337	20
5	OROUA DOWNS H. D. Stride	47.8	55.2	40.5	340	17
119	CENTRAL DEVELOPMENT FARM, WERAROA J. E. Sharp	47.3	54.2	40.4	431	16
377	MASTERTON .. R. Brown	46.0	55.3	36.8	303	14
186	GREYTOWN .. W. Allan	46.3	55.1	37.5	312	11
10	WELLINGTON ..	48.3	55.1	41.5	340	12
87	SOUTH ISLAND. BRIGHTWATER .. Ven. Archdeacon Kempthorne	..	..	..	..	..
34	NELSON .. Wm. C. Davies	46.4	55.7	37.1	112	13
1220	HANMER SPRINGS .. W. G. Morrison	40.5	51.9	29.2	136	4
25	CHRISTCHURCH .. H. F. Skey	42.3	50.4	34.2	222	14
42	LINCOLN .. M. J. Scott	42.9	50.8	35.1	134	7
1220	KISSELTON .. F. Freeman	42.1	54.0	30.2	96	7
349	RAKAI .. Miss A. Hardy	43.4	53.4	33.5	54	8
130	TIMARU .. Caretaker of Domain	41.6	49.0	34.3	67	10
200	WAIMATE .. F. Akhurst	41.4	49.4	33.5	73	12
300	DUNEDIN .. D. Tannock	42.4	48.0	36.8	506	16
245	GORE .. A. T. Newman	38.9	46.1	31.7	700	19
12	HOKITIKA .. J. A. Chesney	44.8	52.7	36.9	775	18
12	INVERCARGILL L. Lennie	41.1	48.0	34.3	632	25

SUMMARY FOR THE MONTH OF JUNE, 1923.

Except for one short period, between the 5th and 8th, anticyclonic pressure was almost entirely absent over the Dominion during the month of June, and the barometer was continuously below normal owing to numerous disturbances of both tropical and antarctic origin.

The effects of these disturbances were most markedly shown in the northern and west coast portions of the North Island, and in Otago and, to a less extent, Westland in the South Island. All these districts recorded a total rainfall above the average, while the east coast districts, particularly of the South Island, experienced a deficiency, with fair weather and an absence of high winds.

Snow fell on several days in the high country, and the southern hills were covered to a greater extent than is usual under normal winter conditions.

D. C. BATES, Director.