

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of June, 1926. 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 Radia-tion.	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.	Solar Radia-tion.	Terrestrial Radiation.						
1	30-543	Fah. 52-0	Fah. 46-1	Fah. 49-0	Fah. 94-0	Fah. 41-9	136	7	N.E.	17		
2	30-348	52-5	44-0	48-2	79-0	35-0	144	9	S.E.	..		
3	30-036	56-2	39-3	47-7	106-0	28-6	50	8	N.	..		
4	29-679	54-7	39-9	47-3	97-0	28-9	65	4	Calm	17		
5	29-930	56-0	36-2	46-1	101-0	27-0	70	10	S.E.	15		
6	30-216	49-4	41-0	45-2	73-0	35-0	216	2	Calm	..		
7	30-277	54-0	34-7	44-3	102-0	25-2	41	3	N.E.	..		
8	30-405	56-7	34-3	45-5	102-0	25-2	26	1	N.E.	Trace		
9	30-414	56-3	41-6	48-9	103-0	33-2	153	10	N.N.W.	..		
10	30-280	55-2	48-9	52-0	103-0	46-1	249	7	N.W.	..		
11	29-871	58-1	53-0	55-5	94-0	50-4	277	10	N.W.	14		
12	29-909	58-1	41-0	49-5	79-0	31-2	178	8	N.W.	87		
13	29-224	56-0	49-9	52-9	90-0	48-7	524	10	N.	17		
14	29-452	58-7	44-2	51-4	104-0	37-9	196	8	N.W.	13		
15	29-515	57-0	44-1	50-5	81-0	42-1	321	9	S.E.E.	3		
16	30-231	50-1	34-3	42-2	92-0	25-6	319	0	N.N.E.	..		
17	30-340	53-8	35-0	44-4	104-0	27-1	100	0	N.E.	..		
18	30-380	56-6	38-3	47-4	112-0	30-1	147	4	Calm	..		
19	30-315	57-1	40-0	48-5	99-0	31-4	111	7	N.	Trace		
20	30-545	58-2	35-7	46-9	101-0	27-1	47	0	Calm	..		
21	30-481	56-1	43-9	50-0	101-0	35-0	89	9	N.W.	..		
22	30-480	55-3	38-2	47-6	101-0	29-1	122	1	Calm	..		
23	30-552	55-0	37-9	46-4	87-0	29-5	27	0	N.W.	..		
24	30-479	55-6	48-0	51-8	107-0	44-2	163	4	N.	..		
25	30-368	56-0	38-2	47-1	102-0	29-9	114	0	N.E.	..		
26	30-311	56-1	37-0	46-5	97-0	29-2	36	7	N.N.E.	1		
27	30-027	54-7	47-9	51-3	80-0	45-4	178	10	Calm	59		
28	29-693	57-8	51-9	54-8	74-0	51-2	114	9	N.W.	Trace		
29	29-509	60-1	53-8	56-9	105-0	50-0	227	8	N.W.	9		
30	29-522	57-6	46-8	52-2	101-0	45-4	254	10	S.E.	34		
31	
*	30-111	55-7	42-2	48-9	95-7	35-5	157	5-8	..	286		
†	29-949	54-7	44-3	49-5	87-1	37-7	208	5-7	..	490		

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
7	5	..	3	1	8	6

NOTE.—A cool and fair month with precipitation 42 per cent. below the mean of previous years. Total bright sunshine 128 hours 22 minutes, 46 per cent. of the possible, and three sunless days. Frost was recorded on the grass on fifteen mornings. Earth temperature at 1 ft. was 46-9°, and 51-1° at 3 ft. Mean dew-point 43°; mean elastic force of vapour, 0-277 in.; and mean relative humidity, 80 per cent. of saturation.

CLIMATOLOGICAL TABLE

MEANS AND TOTALS FROM CHIEF STATIONS.

June, 1926.

Ft.	Name of Station and Observer.	Altitude above Sea-level.	Extremes.			Total Rainfall (100 Points to the Inch).	Days with Rain (1 Point or more).
			Absolute Mean Temp. Air in Shade.	Mean Max. Temp.	Mean Min. Temp.		
152	NORTH ISLAND. AUCKLAND ..	Deg. 52-3	Deg. 57-8	Deg. 46-9	Points. 542	15	
131	RUAKURA FARM, HAMILTON EAST	41-4	59-5	35-4	359	14	
211	A. Y. Montgomery MATAMATA ..	46-8	56-6	37-0	374	12	
46	W. Halligan TE AROHA ..	49-7	59-8	39-7	235	11	
340	C. E. Christensen WAIHI ..	47-2	58-3	36-1	720	13	
100	C. F. Sims TAURANGA ..	49-2	58-8	39-7	358	10	
925	C. J. Butcher ROTORUA ..	45-8	55-9	35-7	342	10	
60	W. E. Penno NEW PLYMOUTH ..	48-9	56-5	41-4	308	15	
2080	G. H. Dolby TAIHAPE ..	42-9	49-3	36-6	157	10	
100	A. R. Fannin PALMERSTON NORTH ..	47-1	55-9	38-4	220	7	
8	J. A. Colquhoun TANGIMOANA ..	47-6	60-0	35-2	174	7	
119	R. A. Reid CENTRAL DEVELOPMENT FARM, WERRAROA	47-2	55-5	39-0	330	13	
5	J. E. Sharp NAPIER ..	47-3	56-8	37-8	94	12	
377	Chas. L. Thomas MASTERTON ..	45-1	56-3	33-9	146	13	
186	R. Brown GREYTOWN ..	45-1	55-6	34-6	187	10	
10	W. Allan WELLINGTON ..	48-9	55-7	42-2	286	12	
87	SOUTH ISLAND. BRIGHTWATER ..	45-1	56-2	34-0	218	10	
34	Ven. Archdeacon Kempthorne NELSON ..	45-4	55-5	35-3	196	7	
1220	H. Harrison HANMER SPRINGS ..	40-3	51-5	29-1	420	15	
25	W. Montgomery CHRISTCHURCH ..	42-8	52-9	32-7	90	10	
42	H. F. Skey LINCOLN ..	43-6	53-1	34-1	130	15	
1220	M. J. Scott KISSLTON ..	43-3	57-9	28-7	244	8	
349	A. E. Young RAKAIA ..	44-2	55-7	32-8	158	8	
1000	Miss A. Hardy FAIRLIE ..	40-5	53-9	27-2	67	3	
130	A. J. Grant TIMARU ..	43-1	52-5	33-7	110	7	
200	Caretaker of Domain WAIMATE ..	43-4	53-7	33-2	121	10	
1550	F. Akhurst SANATORIUM, WAIPIATA	39-2	48-1	30-4	72	11	
1000	Dr. A. Kidd OPHIR ..	36-2	44-8	27-7	56	9	
300	Rev. A. Don DUNEDIN ..	45-9	52-8	39-1	283	14	
245	D. Tannock GORE ..	42-4	50-2	34-7	208	14	
12	A. T. Newman HOKITIKA ..	45-1	53-5	36-7	744	12	
12	J. A. Chesney INVERCARGILL ..	44-9	51-5	38-4	323	17	
	L. Lennie						

SUMMARY FOR THE MONTH OF JUNE, 1926.

With the exception of the North Auckland District and a few high-level stations in the South Island, precipitation in June was below normal over the Dominion, the greatest deficiencies occurring in Hawke's Bay and Canterbury.

Anticyclonic conditions prevailed between the 5th and 9th and the 16th and 26th, when fine dry weather was mainly experienced, bright days and cold nights, with frequent ground frosts.

The unsettled periods were associated with the passages of two ex-tropical disturbances and an intense westerly depression. Of the former, the centre of the first passing to the northward of New Zealand on the 3rd, brought heavy rain to the northern districts, while the second, moving over the Dominion between the 27th and 30th, had a more general effect, and much dull misty and wet weather prevailed.

The westerly disturbance which ruled between the 11th and 16th was responsible for strong north-west to south-west winds and squally conditions, particularly in and southward of Cook Strait, with heavy rain on the West Coast. Some snow fell at this time in the high country of the South Island and the southern part of the North Island. Otago and Southland, however, escaped storm effects, and the weather in these districts was, as frequently occurs there in winter, remarkable for its mildness.

The range of temperature over the Dominion was rather larger than usual, and vegetable growth was nearly everywhere sufficient for stock requirements.

D. C. BATES, Director.