

Government Meteorological Observatory.

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

Altitude of Observatory, 10 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.	Fah.						
1	29.676	54.6	46.9	50.7	81.0	37.8	284	4	S.S.E.	113		
2	29.643	59.8	46.3	53.0	103.0	37.3	70	10	S.S.E.	77		
3	29.850	51.8	47.0	49.4	74.0	43.1	371	10	S.	16		
4	30.145	51.1	44.4	47.7	70.0	40.8	482	8	S.E.	1		
5	30.174	50.0	45.1	47.5	99.0	39.0	235	7	S.E.	..		
6	30.094	54.0	35.1	44.5	100.0	25.1	59	6	calm.	..		
7	30.025	53.7	36.2	44.9	81.0	29.1	3	4	calm.	1		
8	29.818	57.8	43.0	50.4	92.0	39.2	21	10	S.E.	16		
9	29.833	51.2	48.1	49.6	58.0	47.2	116	8	N.E.	trace.		
10	29.866	56.5	43.9	50.2	106.0	33.8	87	10	S.S.E.	34		
11	30.044	52.8	45.2	49.0	79.0	44.0	294	10	S.E.	69		
12	29.821	50.9	39.1	45.0	69.0	30.0	231	10	S.E.	90		
13	30.060	44.2	39.4	41.8	48.0	36.6	504	8	S.S.W.	60		
14	29.846	47.0	39.2	43.1	94.0	35.3	382	10	S.S.E.	20		
15	30.288	49.7	44.2	46.9	83.0	42.1	624	9	S.E.	41		
16	30.371	48.2	45.0	46.6	76.0	42.2	416	9	S.E.	1		
17	30.310	50.3	37.0	43.6	†	29.0	191	3	calm.	..		
18	30.226	53.0	32.3	42.6	80.0	24.3	18	3	N.N.W.	6		
19	30.518	50.0	36.2	43.1	96.0	28.0	174	7	S.E.	..		
20	30.589	50.0	39.3	44.6	94.0	28.9	169	4	N.E.	..		
21	30.318	54.0	43.1	48.5	96.0	37.6	220	7	N.N.W.	..		
22	30.152	53.9	49.0	51.4	100.0	44.4	284	4	N.N.W.	..		
23	30.044	55.5	48.9	52.2	99.0	45.9	303	7	N.W.	67		
24	29.559	57.8	51.0	54.4	103.0	49.0	293	10	N.W.	61		
25	29.419	58.1	48.2	53.1	61.0	47.9	61	10	calm.	2		
26	29.883	51.4	43.1	47.2	62.0	34.2	62	9	S.E.	trace.		
27	29.960	51.0	35.3	43.1	102.0	26.9	68	10	calm.	57		
28	29.788	57.0	40.3	48.6	90.0	42.6	167	5	N.N.W.	4		
29	29.840	62.0	44.0	53.0	104.0	42.2	331	10	S.S.E.	27		
30	29.534	46.9	42.1	44.5	59.0	39.9	564	10	S.E.	20		
*	29.990	52.8	42.6	47.7	84.8	37.4	236	7.7	..	833		
†	29.949	54.7	44.3	49.5	87.1	37.7	208	5.7	..	485		

* Means, &c. † Means previous years.
‡ Solar radiation thermometer broken by boys.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
4	2	..	10	7	..	..	2	5

NOTE.—A cold, damp winter's month, with precipitation 72 per cent. above the mean of previous years. Total bright sunshine, 76 hours 17 minutes, 27 per cent. of the possible, and nine sunless days. Thunder was heard on the 13th; fog occurred on the 6th, 25th, and 27th; and frost was recorded on the grass on eight mornings. Mean earth temperature at 1 ft. was 46.8°, and 50.4° at 3 ft. Mean dew-point, 42.7°; mean elastic force of vapour, 0.274 in.; and mean relative humidity, 82 per cent. of saturation.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM THE CHIEF STATIONS.
June, 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. 53.0	Deg. 57.9	Deg. 48.0	785	21
131	RUAKURA FARM, HAMILTON EAST G. A. Holmes	49.8	59.8	39.7	787	16
46	TE AROHA .. C. E. Christensen	51.1	60.6	41.7	950	16
340	WAIHI .. C. F. Sims	50.1	58.3	41.9	1586	15
100	TAURANGA .. C. J. Butcher	51.4	59.3	43.5	1501	15
925	ROTORUA .. W. E. Penno	48.2	56.1	40.3	1264	14
60	NEW PLYMOUTH G. H. Dolby	50.8	56.4	45.2	664	17
2080	TAIHAPE .. A. R. Fannin	43.8	49.0	38.7	446	21
100	PALMERSTON NORTH .. J. A. Colquhoun	48.3	54.8	41.8	383	18
8	TANGIMOANA .. R. A. Reid	46.9	56.1	37.8	386	12
119	CENTRAL DEVELOPMENT FARM, WERAROA J. E. Sharp	47.9	55.8	40.0	455	15
5	NAPIER .. Chas. L. Thomas	50.2	55.0	45.4	657	23
377	MASTERTON .. R. Brown	46.2	53.3	39.1	739	22
186	GREYTOWN .. W. Allan	46.5	52.8	40.3	907	21
10	WELLINGTON ..	47.7	52.8	42.6	833	21
	SOUTH ISLAND.					
87	BRIGHTWATER .. Ven. Archdeacon Kempthorne	46.0	56.5	35.6	272	10
34	NELSON .. H. Harrison	46.2	55.1	37.4	368	11
1220	HANMER SPRINGS .. W. G. Morrison	37.6	45.8	29.4	821	15
25	CHRISTCHURCH .. H. F. Skey	41.0	47.7	34.4	432	21
42	LINCOLN .. M. J. Scott	42.3	50.3	34.4	488	17
1220	KISSELTON .. A. E. Young	41.4	49.7	33.1	281	10
349	RAKATA .. Miss A. Hardy	40.8	49.7	32.0	491	15
1000	FAIRLIE .. W. Kinder	36.7	49.8	23.7	167	4
	LAKE TEKAPO .. T. S. Woods	33.8	41.6	26.1	..	..
130	TIMARU .. Caretaker of Domain	40.9	49.2	32.6	133	12
200	WAIMATE .. F. Akhurst	40.5	49.6	31.3	96	11
1550	SANATORIUM, WAIPIATA Dr. A. Kidd	34.8	43.6	26.1	74	10
1000	OPHIR .. A. Don	..	..	..	49	9
300	DUNEDIN .. D. Tannock	42.2	49.0	35.5	297	14
245	GORE .. A. T. Newman	..	..	..	..	..
12	HOKITIKA .. J. A. Chesney	44.2	53.3	35.1	607	13
12	INVERCARGILL .. P. W. Thomas	203	12

LATE RETURN.

LAKE TEKAPO— May, 1925	..	39.2	47.6	30.8	329	10
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SUMMARY FOR THE MONTH OF JUNE, 1925.

The weather in June was dominated by similar conditions to those experienced in May, there being again a remarkable prevalence of ex-tropical disturbances. The latter chiefly affected the North Island and the north-east districts of the South, and, in consequence, these parts received a rainfall considerably above the average, while in South Canterbury, Otago, and Westland fair weather predominated, with a low rainfall.

Except for a period of anticyclonic conditions and fine weather between the 11th and 22nd, the weather was extremely unsettled and, at times, stormy. During the last week, owing to abnormal rains, large areas of country in the northern districts were flooded, and on the last three days snow fell in many parts of the South Island.

D. C. BATES, Director.