

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the Month of June, 1915. Observations taken 9 a.m.

Altitude of Observatory, 8 ft.

Date.	Barometer reduced and corrected in inches to sea-level.	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	30-029	54.6	47.8	51.2	98.6	46.0	290	8	S.	2		
2	30-279	52.8	47.2	50.0	93.8	45.4	411	10	S.	3		
3	30-509	52.0	47.4	49.7	93.0	45.2	400	8	S.	3		
4	30-500	53.6	42.8	48.2	104.6	42.0	180	10	Calm	..		
5	30-511	55.0	35.2	45.1	95.6	25.2	12	10	Calm	..		
6	30-529	53.0	32.8	42.9	99.8	23.0	80	10	Calm	..		
7	30-410	54.2	37.0	45.6	103.0	37.0	196	8	N.	..		
8	30-229	53.0	46.8	49.9	96.8	44.4	261	8	N.	..		
9	30-039	54.6	49.4	52.0	112.6	49.0	397	5	N.	..		
10	30-033	57.8	52.4	55.1	104.8	50.0	276	8	N.	..		
11	30-086	57.8	54.0	55.9	101.6	53.2	404	10	N.	14		
12	29-549	57.4	51.2	54.3	65.0	49.4	190	10	N.	38		
13	29-220	60.8	53.6	57.2	101.8	51.0	544	10	N.	28		
14	29-660	57.8	38.4	48.1	78.8	30.2	274	6	S.	..		
15	29-650	54.6	38.4	46.5	95.6	32.0	234	10	N.W.	..		
16	29-959	60.2	36.0	48.1	103.8	27.4	201	4	N.	..		
17	29-430	55.8	46.4	51.1	94.8	46.2	401	10	N.	11		
18	29-140	57.4	47.2	52.3	73.6	43.4	464	5	N.W.	4		
19	29-290	54.6	38.8	46.7	100.8	31.2	122	3	W.	7		
20	29-501	53.0	31.2	42.1	99.6	23.4	128	3	W.	..		
21	29-699	53.0	35.2	44.1	99.8	26.0	174	3	N.	..		
22	29-699	53.8	35.6	44.7	99.0	35.0	254	10	S.	1		
23	29-719	52.8	48.2	50.5	71.8	47.2	244	10	E.	44		
24	29-589	55.4	48.8	52.1	64.6	44.2	124	10	Calm	17		
25	29-589	51.8	49.6	50.7	58.8	47.4	100	10	S.	51		
26	29-145	52.8	47.6	50.2	70.6	46.0	256	10	S.	4		
27	29-320	53.6	48.0	50.8	74.8	41.4	143	8	Calm	1		
28	29-489	55.2	49.4	52.3	96.4	47.2	267	8	S.	8		
29	29-619	57.6	47.8	52.7	100.8	46.4	72	10	Calm	4		
30	29-749	52.8	47.8	50.3	66.6	43.2	88	10	Calm	..		
..	..	..	..	..	..	..	..	..	..	..	..	
*	29-804	54.9	44.4	49.6	90.7	40.6	239	8.1	..	..	237	
†	29-949	54.6	44.2	49.4	86.5	37.2	205	..	..	..	508	

\* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
10	..	1	..	8	..	2	2	7

NOTE.—The weather during the month has been cloudy and unsettled, and although rain fell on sixteen days precipitation was 53 per cent. below the mean of previous years. Total bright sunshine, 79 hours 48 minutes, and six sunless days. Frost was recorded on the grass on eight mornings. Thunder, lightning, and hail on the 18th. Fog was reported on three mornings. Mean earth-temperature at 1 ft. was 50.5°, and 52.2° at 3 ft. Mean dew-point, 43.9°; mean elastic force of vapour, 0.287 in.; and mean relative humidity, 80 per cent. of saturation.

CLIMATOLOGICAL TABLE  
MEANS AND TOTALS FROM THE CHIEF STATIONS.  
June, 1915.

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.		
	<b>NORTH ISLAND.</b>	Deg.	Deg.	Deg.	Points.	Dys.
20	RUAWAI .. Dr. H. M. Levinge	54.2	62.1	46.4	367	12
125	AUCKLAND .. T. F. Cheeseman	53.8	59.4	48.2	448	21
..	TE AROHA .. G. F. McGirr	48.0	59.1	36.9	632	17
925	ROTORUA .. L. J. Bayfield	47.6	55.5	39.8	766	17
370	WAIHI .. P. A. Clifford	50.0	58.6	41.4	1036	22
..	TAURANGA .. C. J. Butcher	50.6	59.8	41.5	838	18
63	NEW PLYMOUTH* W. W. Smith	52.0	57.4	46.6	951	24
250	MOUMAHAKI .. A. S. Huntington	46.9	53.9	40.0	479	18
2080	TAIHAPE .. A. R. Fannin	43.3	48.7	37.9	360	19
..	PALMERSTON NORTH .. J. E. Vernon	47.3	55.8	38.8	408	21
186	GREYTOWN .. W. C. Davies	46.4	55.3	37.5	294	14
377	MASTERTON .. Wm. Hood	46.1	54.8	37.4	313	17
..	GISBORNE .. C. H. Ferris	50.9	60.5	41.3	518	13
14	GREENMEADOWS, NAPIER Rev. L. Walsh	50.3	58.2	42.5	456	8
10	WELLINGTON .. F. W. Simms	49.6	54.9	44.4	237	16
	<b>SOUTH ISLAND.</b>	Deg.	Deg.	Deg.	Points	Dys
34	NELSON .. Rev. J. P. Kempthorne	46.9	54.0	39.7	216	10
1218	HANMER SPA .. Dr. J. C. Duncan	41.6	50.4	32.8	249	10
25	CHRISTCHURCH .. H. F. Skey	43.0	51.0	35.1	129	11
42	LINCOLN .. G. Gray	43.3	51.2	35.4	112	12
..	RAKATA .. Miss A. Hardy	..	..	..	129	11
130	TIMARU .. Caretaker of Domain	42.5	49.4	35.5	124	8
90	WAIMATE .. W. M. Hamilton	41.7	47.5	35.9	128	10
300	DUNEDIN .. D. Tannock	43.1	49.0	37.3	218	11
245	GORE .. H. Dolamore	37.2	44.2	30.2	301	12
12	HOKITIKA .. F. T. Sandford	45.1	52.8	37.4	750	15
18	INVERCARGILL .. L. Lennie	40.3	47.5	33.2	445	14
	* ERRATA : New Plymouth for May	..	..	..	659	16

SUMMARY FOR JUNE, 1915.

Until the 10th of the month anti-cyclonic pressure accounted for fair weather, but thereafter right on to the close of the month frequent and persistent areas of low pressure held sway. Consequently the weather was continuously unsettled during this period, and a considerable number of dull, misty, and wet days were experienced over the Dominion. However, on the whole, the weather was not unseasonable, and many parts of the country did not benefit to the extent required in the amount of rainfall. Hawke's Bay and the Bay of Plenty districts recorded considerably above the average rainfall, but most of the South Island and the west coast and southern portions of the North Island generally experienced less than the normal June rainfall.

In the North Island those of our chief climatological stations showing the greatest difference from the mean were Greenmeadows, near Napier, and Wellington, the former recording considerably over double its average rainfall, while the latter did not attain half its normal.

D. C. BATES, Director.