

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the Month of July, 1914. Observations taken 9 a.m.

Altitude of Observatory, 8 ft.

Date.	Barometer reduced to sea-level in inches to last 49.	From Self-registering Instruments, for Twenty-four Hours previously.						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 Radiation.	Terrestrial Radiation.	Veloc. Wind in Miles.			
1	30.089	54.8	49.2	52.0	105.0	47.6	392	10	N.	2
2	30.399	53.6	47.4	50.5	103.6	45.2	340	8	S.	..
3	30.499	53.6	44.6	49.1	100.8	41.4	230	8	N.	14
4	30.609	53.8	44.8	49.3	104.6	43.2	270	8	S.E.	1
5	30.550	51.0	31.2	41.1	100.8	23.0	98	4	N.	..
6	30.390	52.0	44.6	48.3	100.4	43.6	213	3	N.W.	..
7	30.191	55.0	49.8	52.4	101.8	45.4	251	4	N.W.	..
8	30.139	57.4	51.2	54.3	105.6	50.2	409	8	N.W.	15
9	29.789	55.6	51.2	53.4	88.6	48.0	250	10	N.W.	39
10	29.720	56.6	52.2	54.4	70.6	49.2	320	10	N.	5
11	29.620	57.0	53.6	55.3	105.6	50.4	350	8	N.	6
12	29.449	56.8	50.4	53.6	104.8	47.4	410	8	N.	..
13	29.609	56.6	42.6	49.6	105.6	34.0	200	4	Calm	3
14	29.810	44.6	42.6	43.6	103.8	40.6	190	10	S.	5
15	29.940	47.6	38.6	43.1	91.6	34.4	277	8	S.	3
16	30.069	48.2	38.0	43.1	100.0	34.0	223	8	Calm	..
17	29.789	47.8	40.6	44.2	92.0	31.2	177	7	S.	..
18	29.660	49.8	32.6	41.2	98.6	24.0	393	3	N.W.	12
19	29.618	52.6	37.8	45.2	101.8	29.0	217	10	S.	32
20	29.909	47.8	35.2	41.5	78.6	27.0	270	5	N.E.	..
21	29.699	51.6	37.4	44.5	106.8	29.2	273	5	N.	..
22	29.809	54.8	40.0	47.4	100.6	31.0	225	8	Calm	..
23	29.749	56.0	40.6	48.3	106.6	36.4	182	2	N.	..
24	29.749	56.4	43.2	49.8	104.8	38.6	203	8	N.	32
25	29.552	55.6	42.6	49.1	105.6	41.8	387	10	S.	24
26	29.899	47.6	31.8	39.7	94.8	24.0	316	..	N.	..
27	30.122	55.2	32.0	43.6	101.6	23.0	..	..	N.	..
28	30.129	53.8	36.4	45.1	75.6	43.6	196	8	N.	..
29	30.202	54.0	46.4	50.2	80.6	44.8	266	8	N.	..
30	30.091	54.8	47.2	51.0	58.6	46.2	250	8	N.	56
31	29.969	54.2	49.8	52.0	60.8	47.6	210	8	N.W.	..
*	29.962	53.1	42.7	47.9	95.6	38.5	259	6.7	..	249
†	29.906	52.9	42.1	47.5	86.4	34.9	198	..	..	584

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
14	1	..	1	6	..	..	6	3

NOTE.—The weather during the month has been cloudy and showery, but on the whole mild for the time of the year. Moderate northerly winds prevailed, and precipitation was considerably below the mean of previous years. Bright sunshine amounted to 117 h. 45 m., and two days were without recorded sunshine. Nine degrees of frost were recorded on the grass on the 5th; nine frosts were recorded. Thunder and lightning with hail occurred on the 25th. Mean temperature at 1 ft. was 47.7°, and 49.9° at 3 ft. Mean dew-point, 41.3°; mean elastic force of vapour, 0.260 in.; and mean relative humidity, 78 per cent. of saturation.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM THE CHIEF STATIONS.

July, 1914.

Ft.	Name of Station and Observer.	Absolute Mean Temp. Air in Shade.	Extremes.		Total Rainfall (100 Points to the Inch).	Days with Rain (4 Points or more).
			Mean Max. Temp.	Mean Min. Temp.		
20	NORTH ISLAND.	Deg.	Deg.	Deg.	Points.	Dys.
20	DARGAVILLE .. Dr. H. M. Levinge	..	..	..	..	..
125	AUCKLAND .. T. F. Cheeseman	50.2	55.9	44.6	408	23
..	TE AROHA .. G. F. McGirr	46.9	57.7	36.2	366	15
925	ROTORUA .. L. J. Bayfield	44.4	53.2	35.5	378	13
..	TAURANGA .. C. J. Butcher	47.7	56.8	38.7	324	15
63	NEW PLYMOUTH .. W. D. Fletcher	..	..	..	316	21
250	MOUMAHAKI .. A. S. Huntington	47.0	53.5	40.5	275	12
2080	TAIHAPE .. A. R. Fannin	40.4	46.1	34.8	270	16
..	PALMERSTON NORTH .. J. E. Vernon	45.7	53.9	37.5	221	15
186	GREYTOWN .. W. C. Davies	43.6	52.9	34.3	123	10
377	MASTERTON .. Wm. Hood	43.2	54.9	31.5	114	14
..	GISBORNE .. C. H. Ferris	47.3	58.2	36.4	89	9
14	GREENMEADOWS, NA-PIER .. Very Rev. Dean Smyth	47.4	55.9	39.0	24	3
10	WELLINGTON .. F. W. Simms	47.9	53.1	42.7	249	15
34	SOUTH ISLAND.	Deg.	Deg.	Deg.	Points.	Dys.
1218	NELSON .. Rev. J. P. Kempthorne	45.9	54.5	37.3	313	7
25	HANMER SPA .. Dr. J. C. Duncan	..	..	..	..	..
42	CHRISTCHURCH .. H. F. Skey	42.0	50.9	33.0	51	12
349	LINCOLN .. G. Gray	43.0	51.7	34.4	52	7
180	RAKAIA .. G. S. Hardy	42.7	52.0	33.5	59	4
90	TIMARU .. Caretaker of Domain	41.8	50.6	33.1	25	7
300	WAIMATE .. W. M. Hamilton	42.8	51.1	34.6	38	6
350	DUNEDIN .. D. Tannock	43.8	49.4	38.2	213	15
12	GORE .. H. Dolamore	40.0	47.2	32.8	217	18
18	HOKITIKA .. F. T. Sandford	45.6	52.2	39.1	798	21
..	INVERCARGILL .. L. Lennie	42.5	50.0	35.0	344	17

SUMMARY FOR THE MONTH OF JULY, 1914.

In the northernmost districts and on the western coast of both Islands dull and showery conditions prevailed, but as a whole the weather was extremely mild for July and the total rainfall was everywhere below the average, the deficiency being greatest in the East Coast districts.

Two persistent westerly low-pressure systems were in evidence during the month, but no storms of a serious character were experienced.

D. C. BATES, Director.