

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 inches to last fig.	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.			
		Fah.	Fah.	Fah.	Fah.	Fah.				
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	29-613	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	29-613	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	42	..	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, 41.8°; 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.

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

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.