

Government Meteorological Observatory.

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

Altitude of Observatory, 8 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.	Fah.						
1	29.842	56.2	49.6	52.9	85.8	44.2	250	..	N.	..	..	..	
2	29.951	56.2	36.0	46.1	100.6	28.0	100	8	N.	..	..	..	
3	29.812	55.6	37.4	46.5	102.8	28.0	153	8	Calm	..	..	..	
4	29.979	55.6	41.6	48.6	101.4	41.6	347	8	S.	..	..	..	
5	30.121	50.6	45.4	48.0	75.6	42.6	300	4	S.	..	..	..	
6	29.889	54.8	38.4	46.6	102.8	28.0	230	7	N.W.	..	..	..	
7	29.589	54.4	48.2	51.3	107.6	44.6	482	5	N.W.	..	..	..	
8	29.929	56.2	36.0	46.1	105.4	28.0	190	..	N.E.	..	..	..	
9	29.899	53.6	42.8	48.2	102.8	38.4	188	8	N.W.	..	..	..	
10	29.783	56.8	50.0	53.4	109.6	46.0	350	3	N.	..	..	..	
11	29.659	57.6	34.8	46.2	106.4	26.0	112	2	N.W.	..	..	..	
12	29.619	52.8	46.8	49.8	106.8	43.6	500	8	N.W.	..	..	..	
13	29.699	52.8	44.6	48.7	82.6	42.4	340	8	S.	..	..	..	
14	29.909	48.6	43.2	45.9	74.8	41.6	498	8	S.	..	..	..	
15	29.959	49.6	31.4	40.5	98.6	22.4	112	8	Calm	..	..	..	
16	29.829	50.0	34.8	42.4	102.8	26.2	140	4	N.	..	..	..	
17	30.029	54.8	49.4	52.1	109.4	43.6	228	10	N.W.	..	..	..	
18	30.229	58.8	38.4	48.6	107.6	31.0	92	4	Calm	..	..	..	
19	30.249	62.8	40.4	51.6	116.4	31.2	78	3	E.	..	..	..	
20	30.382	62.0	40.4	51.2	112.6	32.4	130	4	S.E.	..	..	..	
21	31.473	57.8	48.8	53.3	112.8	46.6	342	8	S.E.	..	..	..	
22	30.523	54.6	40.4	47.5	109.6	33.0	224	4	S.	..	..	..	
23	30.469	55.8	34.2	45.0	102.8	24.4	86	..	Calm	..	..	..	
24	30.309	56.6	35.4	46.0	105.6	26.4	98	8	N.W.	..	..	..	
25	30.260	54.8	40.4	47.6	113.8	32.0	278	..	N.	..	..	..	
26	30.539	58.8	36.0	47.4	115.4	26.4	125	..	Calm	..	..	..	
27	30.399	57.8	44.6	51.2	109.6	43.6	227	8	N.W.	..	..	..	
28	30.402	56.6	40.2	48.4	110.6	32.0	182	6	N.	..	..	..	
29	30.130	55.8	47.6	51.7	113.8	47.0	324	7	N.W.	..	..	..	
30	30.149	59.2	52.0	55.6	117.0	50.4	397	10	S.	..	..	..	
31	30.089	54.6	48.6	51.6	63.6	47.2	70	10	N.	..	..	..	
*	30.075	55.5	41.8	48.7	102.8	36.1	231	5.5	..	..	..	116	
†	29.948	54.2	42.7	48.4	94.9	35.7	215	..	..	..	..	466	

\* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
7	1	1	2	6	..	..	9	5

NOTE.—A bright sunny month, with the rainfall 75 per cent. below the mean of previous years. Total bright sunshine, 180 hours 40 minutes, and one sunless day. Nine point six degrees of frost were recorded on the grass on the 15th; fourteen frosts were recorded. Mean temperature at 1 ft. was 48.2°, and 49.4° at 3 ft. Mean dew-point, 41.5°; mean elastic force of vapour, 0.262 in.; and mean relative humidity, 77 per cent. of saturation.

SUMMARY FOR THE MONTH OF AUGUST, 1914.

In the western districts and also in the southernmost portion of the South Island the weather was changeable and showery during the first half of the month, but improved thereafter. The East Coast provinces experienced almost continuous fair and dry weather, and some places reported the driest August for many years. Three westerly disturbances of moderate intensity passed in the south on the 7th, 12th, and 30th respectively, but the month was free from severe storms. Between the 18th and 28th an anticyclone accounted for fair weather, and some severe frosts occurred at inland stations. All parts of the country recorded a total rainfall below the normal, the deficiency being strikingly low over the North Island and in the East Coast and northern districts of the South Island.

D. C. BATES, Director.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM THE CHIEF STATIONS.

August, 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 (4 Point or more).
			Mean Max. Temp.	Mean Min. Temp.		
20	NORTH ISLAND.	Deg.	Deg.	Deg.	Points.	Dys.
	RUAWAI .. Dr. H. M. Levinge	52.7	59.8	45.7	404	14
125	AUCKLAND .. T. F. Cheeseman	50.7	56.5	45.0	116	20
	TE AROHA .. G. F. McGirr	49.0	58.6	39.4	169	10
925	ROTORUA .. L. J. Bayfield	45.3	55.9	34.7	94	5
	TAURANGA .. C. J. Butcher	48.8	59.4	38.3	56	6
63	NEW PLYMOUTH .. W. D. Fletcher	..	..	..	161	17
250	MOUMAHARI .. A. S. Huntington	..	..	..	148	8
2080	TAIHAPE .. A. R. Fannin	41.5	48.0	35.0	95	12
	PALMERSTON NORTH .. J. E. Vernon	47.0	55.1	39.0	182	9
186	GREYTOWN .. W. C. Davies	45.3	55.8	34.9	141	9
377	MASTERTON .. Wm. Hood	45.1	57.4	32.8	115	14
	GISBORNE .. C. H. Ferris	49.0	59.0	39.0	360	10
14	GREENMEADOWS, NAPIER .. Very Rev. Dean Smyth	49.5	57.9	41.1	105	8
10	WELLINGTON .. F. W. Simms	48.7	55.5	41.8	116	8
	SOUTH ISLAND.	Deg.	Deg.	Deg.	Points.	Dys.
34	NELSON .. Rev. J. P. Kempthorne	46.5	56.2	36.8	55	7
1218	HANMER SPA .. Dr. J. C. Duncan	..	..	..	..	..
25	CHRISTCHURCH .. H. F. Skey	43.6	53.3	33.9	82	12
42	LINCOLN .. G. Gray	45.4	55.2	35.5	54	7
	RAKAI .. G. S. Hardy	..	..	..	..	..
180	TIMARU .. Caretaker of Domain	44.6	54.1	35.2	73	7
90	WAIMATE .. W. M. Hamilton	44.5	53.4	35.7	52	7
300	DUNEDIN .. D. Tannock	45.8	53.0	38.5	74	8
245	GORE .. H. Dolamore	43.3	51.4	35.2	256	14
12	HOKITIKA .. F. T. Sandford	45.1	53.0	37.3	600	16
18	INVERCARGILL .. L. Lennie	43.9	52.5	35.4	460	21