

Government Meteorological Observatory.

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

Altitude of Observatory, 8 ft.

Date.	Barometer reduced and corrected in inches to Lat. 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.	Direction of Wind.			
1	29-999	55-0	43-6	49-3	105-6	39-0	80	10	S.	..	
2	30-059	53-4	44-8	49-1	90-4	37-2	153	6	E.	..	
3	30-053	56-6	33-4	45-0	108-6	24-0	65	0	Calm	..	
4	30-139	56-4	36-6	46-5	104-2	29-0	54	3	Calm	..	
5	30-179	55-6	38-4	47-0	103-6	29-0	90	8	N.	5	
6	29-872	53-4	49-2	51-3	95-4	47-4	268	10	N.	14	
7	29-679	56-0	52-2	54-1	73-8	50-0	420	8	N.	6	
8	29-699	53-2	52-6	55-4	116-4	50-2	420	8	N.	15	
9	29-769	58-6	48-8	53-7	109-6	47-4	186	10	S.	..	
10	29-869	55-6	44-4	50-0	98-8	38-0	84	8	S.	..	
11	29-769	57-0	40-2	48-6	113-6	34-2	73	10	Calm	..	
12	30-160	56-8	44-4	50-6	106-8	36-0	147	4	E.	..	
13	30-302	58-0	35-6	46-8	107-6	26-0	53	5	N.	..	
14	30-171	57-8	49-2	53-5	113-8	48-2	255	10	N.	5	
15	29-722	59-6	45-4	52-5	117-6	39-0	102	8	Calm	3	
16	29-839	54-8	48-6	51-7	82-0	48-4	433	10	S.	2	
17	30-149	52-4	43-2	47-8	77-8	41-2	467	7	S.	..	
18	30-220	49-8	32-0	40-9	107-6	23-0	176	0	Calm	..	
19	30-312	54-6	34-2	44-4	101-8	24-0	24	10	Calm	..	
20	30-259	51-2	33-0	42-1	71-6	23-0	30	0	Calm	..	
21	30-203	56-8	32-8	43-8	102-8	23-0	18	3	N.	..	
22	30-093	55-6	36-4	46-0	105-6	26-2	78	0	Calm	2	
23	30-209	61-4	48-8	55-1	108-2	48-4	98	10	S.	..	
24	30-279	52-6	48-4	50-5	68-4	47-6	164	10	S.	..	
25	30-389	54-8	37-6	46-2	104-0	27-0	224	0	N.E.	1	
26	30-449	58-6	37-2	47-9	104-6	27-2	130	10	S.	2	
27	30-500	51-2	43-0	47-1	93-8	42-4	401	8	S.	..	
28	30-503	50-4	34-6	42-5	94-6	24-0	185	0	E.	..	
29	30-349	59-4	40-2	49-8	109-8	30-2	115	5	N.	..	
30	30-009	58-6	50-4	54-5	111-6	48-0	245	10	N.	50	
31	29-642	60-4	53-2	56-8	82-8	51-4	440	10	N.	31	
*	30-092	55-8	42-3	49-0	99-8	36-4	183	6-5	..	136	
†	29-948	54-2	42-7	48-4	94-8	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.
10	1	3	..	9	..	..	..	8

NOTE.—Fair weather has prevailed during the month, the rainfall being 71 per cent. below the mean of previous years. Total bright sunshine, 134 hours 32 minutes, and four sunless days. Frost was recorded on the grass on thirteen mornings. Mean earth-temperature at 1 ft. was 49-3°, and 50-7° at 3 ft. Mean dew-point, 43°; mean elastic force of vapour, 0-277 in.; and mean relative humidity, 79 per cent. of saturation.

CLIMATOLOGICAL TABLE.  
MEANS AND TOTALS FROM THE CHIEF STATIONS.  
August, 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).
			Max. Temp.	Min. Temp.		
Ft.	NORTH ISLAND.	Deg.	Deg.	Deg.	Points.	Dys.
20	RUAWAI .. Dr. H. M. Levinge	54-1	62-3	46-0	549	14
125	AUCKLAND .. T. F. Cheeseman	53-3	58-7	47-9	402	16
..	TE AROHA .. G. F. McGirr	48-8	59-8	37-9	331	11
925	ROTORUA .. L. J. Bayfield	48-6	57-9	39-4	454	12
340	WAIHI .. P. A. Clifford	50-3	60-3	40-3	999	19
..	TAURANGA .. C. J. Butcher	51-7	61-2	42-3	309	14
63	NEW PLYMOUTH .. W. W. Smith	..	..	..	453	10
250	MOUMAHARI .. J. Kirkland	..	..	..	285	8
2080	TAIHAPE .. A. R. Fannin	44-5	51-2	37-9	103	9
..	PALMERSTON NORTH .. J. E. Vernon	49-1	57-8	40-4	250	11
186	GREYTOWN .. W. C. Davies	47-6	57-1	38-1	297	13
377	MASTERTON .. Wm. Hood	47-7	57-0	38-4	223	15
..	GISBORNE .. C. H. Ferris	49-5	58-0	41-0	343	21
14	GREENMEADOWS, NA-PIER .. Rev. W. B. Buckley	50-3	57-5	43-2	266	13
10	WELLINGTON .. F. W. Simms	49-0	55-8	42-3	136	12
Ft.	SOUTH ISLAND.	Deg.	Deg.	Deg.	Points.	Dys.
34	NELSON .. Rev. J. P. Kempthorne	48-3	55-8	40-9	160	11
1218	HANMER SPA .. J. F. Robieson	43-4	54-2	32-6	107	6
25	CHRISTCHURCH .. H. F. Skey	45-3	53-2	37-5	114	10
42	LINCOLN .. L. J. Wild	45-1	53-8	36-4	38	9
..	RAKAI .. Miss A. Hardy	..	..	..	66	3
130	TIMARU .. Caretaker of Domain	46-0	55-3	36-8	26	6
90	WAIMATE .. W. M. Hamilton	45-5	53-0	38-0	62	7
300	DUNEDIN .. D. Tannock	47-0	53-4	40-7	78	5
245	GORE .. H. Dolamore	43-5	53-2	33-9	36	9
12	HOKITIKA .. F. T. Sandford	47-0	55-6	38-4	778	13
18	INVERCARGILL .. L. Lennie	44-9	54-0	35-9	83	10

SUMMARY FOR AUGUST, 1915.

All parts of the Dominion, with the exception of the extreme North, experienced less than the average August rainfall, the East Coast and Southern districts of the South Island having the largest deficiency.

Atmospheric depressions ruled to the Northwards during the first three days, and were persistent between the 14th and 23rd, when they were accountable for changeable weather with frequent showers along the East Coast of the North Island and some moderately heavy rains about the 14th and 19th.

Two other disturbances were in evidence, both of the Westerly type with centres of low pressure passing in the South on the 7th and 30th respectively. These were responsible for unsettled weather, with rain more particularly in the Western half of the country.

Fair weather was, however, more generally the rule during the month, and cold frosty nights were somewhat frequent in those districts most subject to them.

D. C. BATES, Director.