

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of August, 1925. Observations taken 9 a.m.

Altitude of Observatory, 10 ft.

Date.	Barometer reduced and corrected in inches to Lat. 45°.	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	30-170	60.8	40.1	50.4	104.0	30.8	71	9	N.E.	..
2	30-108	63.0	45.9	54.4	106.0	40.3	26	2	Calm	..
3	29-998	63.2	42.8	53.0	112.0	31.8	131	10	S.S.E.	25
4	29-989	54.0	49.1	51.5	82.0	46.0	298	5	S.S.E.	..
5	29-862	58.2	50.2	54.2	103.0	45.0	192	9	N.W.	45
6	29-801	54.1	48.8	51.4	86.0	46.0	322	9	N.W.	47
7	29-638	56.0	44.3	50.1	105.0	37.1	91	8	Calm	69
8	29-752	55.0	40.8	47.9	103.0	39.1	274	10	S.S.E.	1
9	29-760	47.1	42.7	44.9	60.0	37.1	235	9	S.S.W.	18
10	29-872	52.1	40.0	46.0	105.0	37.2	203	10	S.S.E.	15
11	29-968	46.6	35.1	40.8	79.0	25.2	268	0	N.E.	..
12	29-947	52.0	39.2	45.6	109.0	30.1	103	10	Calm	43
13	29-922	56.6	45.9	51.2	101.0	45.0	297	10	S.E.	149
14	29-849	50.9	44.8	47.8	63.0	43.8	398	10	S.E.	21
15	30-313	49.0	39.6	44.3	95.0	38.0	454	8	S.E.	19
16	30-652	46.3	44.7	45.5	95.0	37.1	364	8	S.S.E.	trace.
17	30-675	49.1	29.9	39.5	108.0	19.1	81	0	N.E.	..
18	30-550	54.2	35.8	45.0	100.0	25.2	99	4	N.E.	..
19	30-295	53.1	46.1	49.6	111.0	44.1	312	8	N.W.	..
20	29-972	54.4	48.2	51.3	103.0	45.2	360	9	N.N.W	62
21	29-962	54.0	46.1	50.0	100.0	44.8	130	10	Calm	..
22	29-921	53.1	47.2	50.1	75.0	39.9	141	10	N.W.	24
23	29-519	57.0	49.8	53.4	126.0	44.0	318	8	N.N.W	91
24	29-449	57.8	49.1	53.4	103.0	46.2	425	8	N.N.W	47
25	29-411	55.7	45.4	50.5	94.0	42.3	304	7	N.W.	1
26	29-524	54.9	37.9	46.4	106.0	27.8	106	9	N.E.	16
27	29-502	51.3	35.1	43.2	99.0	24.4	146	8	N.E.	24
28	29-787	55.0	42.2	48.6	114.0	31.9	179	7	S.E.	82
29	29-955	50.9	41.3	46.1	91.0	37.7	269	9	S.E.	11
30	30-138	58.6	41.1	49.8	105.0	37.1	319	7	S.	..
31	30-000	49.0	35.2	42.1	104.0	25.8	159	9	N.E.	trace.
*	29-944	54.0	42.7	48.3	98.3	36.9	228.2	7.7	..	817
†	29-953	54.4	42.8	48.6	96.1	36.3	217	5.3	..	440

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
3	7	..	5	7	5	4

NOTE.—A dull and damp month with precipitation 86 per cent. above the mean of previous years. Total bright sunshine 102 hours 45 minutes, 32 per cent. of the possible, and three sunless days. Thunder was heard on the 24th, and hail fell on the 15th, 24th, and 29th. Frost was recorded on the grass on ten mornings. Mean earth-temperature at 1 ft. was 47.3°, and 50° at 3 ft. Mean dew-point, 41.4°; mean elastic force of vapour 0.261 in.; and mean relative humidity 78 per cent. of saturation.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM CHIEF STATIONS.

August, 1925.

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 (½ Point or more).
			Mean Max. Temp.	Mean Min. Temp.		
Ft.	NORTH ISLAND.	Deg.	Deg.	Deg.	Points.	
152	AUCKLAND ..	51.1	57.1	45.0	368	17
131	RUAKURA FARM, HAMILTON EAST G. A. Holmes	47.5	59.7	35.4	250	13
46	TE AROHA .. C. E. Christensen	49.4	62.4	36.5	767	14
340	WAIHI .. C. F. Sims	47.8	58.4	37.2	563	15
100	TAURANGA .. C. J. Butcher	49.0	58.9	39.1	320	15
925	ROTORUA .. W. E. Penno	46.8	55.9	36.8	409	16
60	NEW PLYMOUTH G. H. Dolby	48.6	56.3	40.8	506	18
2080	TAIHAPE .. A. R. Fannin	41.9	48.0	35.8	332	20
100	PALMERSTON NORTH J. A. Colquhoun	47.4	56.1	38.7	281	18
8	TANGIMOANA .. R. A. Reid	45.8	58.5	33.1	160	13
119	CENTRAL DEVELOPMENT FARM, WERAROA J. E. Sharp	47.4	56.0	38.8	402	18
5	NAPIER .. Chas. L. Thomas	49.1	56.3	42.0	410	20
377	MASTERTON .. R. Brown	46.0	54.0	38.0	551	21
186	GREYTOWN .. W. Allan	46.2	54.4	38.1	527	22
10	WELLINGTON ..	48.3	54.0	42.7	817	21
	SOUTH ISLAND.					
37	BRIGHTWATER Ven. Archdeacon Kempthorne	45.6	55.7	35.5	354	12
34	NELSON .. H. Harrison	47.0	55.9	38.2	327	11
1220	HANMER SPRINGS W. G. Morrison	41.4	49.6	33.2	708	17
25	CHRISTCHURCH H. F. Skey	44.4	51.4	37.3	597	19
42	LINCOLN .. M. J. Scott	44.8	52.2	37.5	731	14
1220	KISSELTON .. A. E. Young	47.3	55.9	38.8	684	18
349	RAKATA .. Miss A. Hardy	44.4	53.0	35.8	617	15
1000	FAIRLIE .. W. Kinder	40.2	51.7	28.8	265	11
130	TIMARU .. Caretaker of Domain	42.8	50.6	35.0	221	15
200	WAIMATE .. F. Akhurst	42.1	50.0	34.2	244	17
1550	SANATORIUM, WAIPIATA Dr. A. Kidd	38.1	46.0	30.2	277	11
1000	OPHIB .. A. Don	38.4	47.3	29.5	178	10
300	DUNEDIN .. D. Tannock	44.2	50.2	38.2	591	13
245	GOBE .. A. T. Newman
12	HOKITIKA .. J. A. Chesney	45.4	53.9	36.9	980	12
12	INVERCARGILL P. W. Thomas	41.3	51.8	30.9	324	17

SUMMARY FOR THE MONTH OF AUGUST, 1925.

August proved a dull and wet month in most parts of the country, the East Coast districts especially having a total rainfall considerably in excess of the average. The Auckland and Taranaki Provinces in the North Island, and the country about Westport, Greymouth, and Foveaux Strait in the South, had a deficiency. Westland, owing to a prevalence of east to south-east winds, appears to have experienced the greatest number of fine days.

A storm of somewhat local character occurred in Canterbury on the 6th and 7th, with heavy rain, snow, and bleak weather. A cyclone passed in the North between the 12th and 15th, accounting for high east to south-east winds and some heavy downpours. Anticyclonic conditions followed, and the highest reading of the barometer, 30.675 inches, was registered at Wellington on the morning of the 17th.

An intense westerly disturbance passed in the South, with a barometer reading of 28.95 inches, at the Bluff, on the 23rd, and was preceded and followed by very unsettled weather. Snow, hail, and thunderstorms were reported at various times on high country of the South, and some sleet at lower levels.

The wet weather was a great hindrance to farming operations in Canterbury, and growth of grass was delayed by several frosts and dull weather in many other parts of the country.

D. C. BATES, Director.