

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the Month of February, 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	29.329	64.6	51.6	58.1	122.6	52.2	380	8	S.	3			
2	29.552	68.0	56.2	62.1	137.2	51.0	160	7	N.W.	8			
3	29.630	69.6	59.6	64.6	140.4	56.6	218	8	N.W.	...			
4	29.621	72.0	57.8	64.9	138.6	51.6	162	7	S.W.	48			
5	29.712	70.2	52.0	61.1	128.6	50.2	230	10	S.	6			
6	29.779	64.2	51.6	57.9	132.0	45.6	120	6	S.	4			
7	29.912	68.0	52.6	60.3	128.2	48.0	138	8	S.	...			
8	29.859	66.2	57.0	61.6	122.6	53.6	230	8	N.	...			
9	30.139	70.0	57.2	63.6	129.2	55.2	340	4	S.E.	...			
10	30.039	69.0	54.2	61.6	122.6	45.6	260	8	N.W.	...			
11	30.059	68.6	62.0	65.3	138.6	59.4	512	10	N.	...			
12	30.039	68.0	63.2	65.6	123.2	61.6	366	10	N.W.	16			
13	30.169	69.4	57.2	63.3	139.0	55.6	352	10	S.	3			
14	30.242	65.6	57.4	61.5	112.6	55.8	402	7	S.E.	...			
15	30.159	74.0	55.6	64.8	140.2	48.2	148	0	N.	...			
16	30.048	77.6	61.2	69.4	133.6	52.0	160	4	N.W.	4			
17	30.239	79.0	58.4	68.7	138.6	57.0	382	6	S.E.	...			
18	30.029	73.8	59.2	66.5	126.4	49.2	248	6	N.W.	...			
19	29.970	72.2	63.0	67.6	129.0	59.4	410	8	N.W.	...			
20	30.001	70.0	62.6	66.3	131.6	59.0	290	10	S.	...			
21	30.289	69.4	55.2	62.3	132.6	52.4	280	4	E.	...			
22	30.253	72.4	56.2	64.3	126.4	46.8	162	0	N.	...			
23	30.299	74.0	61.4	67.7	127.6	57.4	214	0	N.	8			
24	30.139	72.6	63.2	67.9	136.6	60.0	428	10	N.W.	65			
25	29.831	66.2	63.0	64.6	117.6	60.6	502	8	N.	28			
26	29.889	70.0	48.8	59.4	138.6	47.0	326	8	S.	...			
27	29.769	60.6	45.4	53.0	121.6	37.0	368	2	N.W.	...			
28	29.839	68.8	51.6	60.2	123.8	43.6	238	4	S.	...			
*	29.958	69.7	56.9	63.3	130.0	52.5	287	6.4	..	193			
†	29.981	69.2	55.5	62.3	123.3	48.3	236	..	..	343			

\* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
6	..	1	3	8	1	..	9	..

NOTE.—The weather during the month has been fine and warm, with the rainfall considerably below the mean of previous years. Total bright sunshine, 213 h. 40 m., and one sunless day. The mean earth temperature at 1 ft. was 67.0°, and 66.4° at 3 ft. Mean dew-point, 55.0°; mean elastic force of vapour, 0.433 in.; and mean relative humidity, 75 per cent. of saturation.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM THE CHIEF STATIONS.

February, 1914.

Name of Station and Observer.	Absolute Mean Temp. Air in Shade.	Extremes.		Total Rainfall (100 Points to the Inch).	Days with Rain (3 Points or more).
		Mean Max. Temp.	Mean Min. Temp.		
<b>NORTH ISLAND.</b>	Deg.	Deg.	Deg.	Points.	Dys.
20 DARGAVILLE .. Dr. H. M. Levinge	68.8	74.7	62.9	294	8
125 AUCKLAND .. T. F. Cheeseman	66.3	72.3	60.3	166	9
.. TE AROHA .. G. F. McGirr	62.1	75.1	49.1	129	6
925 ROTORUA .. J. F. Robieson	60.8	69.1	52.5	236	7
370 WAIHI .. H. B. Devereux	64.1	73.6	54.6	179	10
.. TAURANGA .. C. J. Butcher	64.0	73.9	54.1	134	7
63 NEW PLYMOUTH .. W. D. Fletcher	65.4	75.5	55.3	310	8
250 MOUMAHAKI .. A. S. Huntington	62.6	70.8	54.4	427	12
2080 TAIHAPE .. A. R. Fannin	58.5	67.0	50.1	343	11
.. PALMERSTON NORTH J. E. Vernon	62.9	72.1	53.7	200	6
186 GREYTOWN .. W. C. Davies	63.8	75.9	51.7	210	10
377 MASTERTON .. Wm. Hood	62.1	74.5	49.8	269	16
.. GISBORNE .. C. H. Ferris	65.7	76.7	54.8	230	11
14 GREENMEADOWS, NA-PIER Very Rev. Dean Smyth	67.0	77.1	56.9	210	3
10 WELLINGTON .. F. W. Simms	63.3	69.7	56.9	193	11
<b>SOUTH ISLAND.</b>	Deg.	Deg.	Deg.	Points.	Dys.
34 NELSON .. Rev. J. P. Kempthorne	66.5	76.2	56.8	288	8
1218 HANMER SPA .. Dr. J. C. Duncan	61.4	72.4	50.4	361	9
25 CHRISTCHURCH .. H. F. Skey	61.2	69.7	52.7	103	5
42 LINCOLN .. G. Gray	62.7	72.1	53.3	138	6
349 RAKAIA .. G. S. Hardy	60.6	70.1	51.1	144	6
130 TIMARU .. Caretaker of Domain	59.8	68.7	50.9	285	9
90 WAIMATE .. W. M. Hamilton	58.3	67.1	49.5	383	9
300 DUNEDIN .. D. Tannock	57.7	65.5	49.9	320	9
350 GORE .. H. Dolamore	55.4	67.3	43.5	343	15
12 HOKITIKA .. F. T. Sandford	59.0	66.5	52.6	597	9
18 INVERCARGILL .. L. Lennie	55.5	65.3	45.8	217	12

SUMMARY FOR FEBRUARY.

Between the 1st and 5th of the month a westerly low-pressure area, of a cyclonic type, in its passage over the Dominion caused very unsettled conditions. Heavy rains occurred at this time in many parts, particularly in South Canterbury and northern Otago. On this account these two districts show an aggregate rainfall considerably above the average.

Several of these disturbances, but of minor intensity, had a disturbing influence on weather-conditions about the 11th, 24th, and 26th, but on the whole the month was one of fine and warm weather.

With the exception of the two districts mentioned above, precipitation was everywhere below normal.

D. C. BATES, Director.