

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the Month of February, 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.	Amount of Cloud, 0 to 10.			
1	30-062	72.6	55.4	64.0	132.6	51.1	306	4	N.	..	
2	29-959	74.0	53.2	63.6	135.8	45.2	128	8	E.	1	
3	30-011	69.2	48.4	58.8	138.6	37.0	202	5	N.	..	
4	29-679	62.4	59.2	60.8	141.4	57.2	450	8	N.W.	..	
5	29-892	62.6	50.2	56.4	133.6	46.4	262	5	S.	..	
6	29-759	69.0	54.2	61.6	131.8	45.2	170	5	N.	65	
7	29-230	67.2	57.4	62.3	131.6	55.4	524	8	N.W.	32	
8	29-729	67.6	55.4	61.5	129.4	53.0	334	10	S.	..	
9	29-922	58.4	52.6	55.5	117.8	46.4	222	8	N.	..	
10	29-919	66.2	58.4	62.3	140.4	56.2	398	10	N.	..	
11	29-973	65.6	58.2	61.9	138.6	57.6	466	4	S.	..	
12	29-901	72.6	57.6	65.1	136.8	53.4	206	8	E.	..	
13	29-571	71.4	58.6	65.0	137.4	56.2	354	10	N.	..	
14	29-662	68.6	57.4	63.0	134.6	55.4	376	10	N.W.	..	
15	29-760	63.6	48.2	55.9	123.8	36.8	360	6	S.	..	
16	30-172	65.6	51.8	58.7	140.0	51.4	340	6	S.	..	
17	30-038	68.4	56.0	62.2	130.8	52.6	283	7	N.	..	
18	29-799	67.8	59.2	63.5	126.6	58.4	570	5	N.W.	1	
19	30-111	72.8	50.6	61.7	134.8	49.4	377	5	S.	..	
20	30-213	59.4	42.6	51.0	128.6	32.2	180	4	N.	..	
21	30-013	58.8	51.2	55.0	122.8	50.4	558	8	N.	2	
22	30-141	59.4	57.6	58.5	132.6	56.0	300	10	N.	1	
23	30-022	62.6	58.2	60.4	86.8	57.2	315	10	N.	..	
24	29-970	69.8	62.4	66.1	129.6	59.4	389	8	N.	..	
25	29-990	70.8	64.6	67.7	135.8	62.0	371	10	N.	..	
26	29-889	73.8	64.4	69.1	144.6	58.4	220	10	N.	..	
27	29-779	77.4	66.2	71.8	136.4	64.2	299	10	N.	23	
28	29-801	76.2	56.8	66.5	132.6	55.4	264	10	S.	..	
*	29-891	67.6	55.9	61.7	131.6	52.1	329	7.5	..	125	
†	29-981	69.2	55.5	62.3	123.5	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.
15	..	2	..	7	..	..	4	..

NOTE.—The weather during the month has been cloudy and overcast, with moderate to strong northerly winds prevailing, while the rainfall was considerably below the mean of previous years. Total bright sunshine, 162 hours 41 minutes, and one sunless day. The mean earth-temperature at 1 ft. was 66.2°, and 65.6° at 3 ft. Mean dew-point, 52.1°; mean elastic force of vapour, 0.389 in.; relative humidity, 72 per cent. of saturation.

SUMMARY FOR THE MONTH OF FEBRUARY, 1915.

The aggregate rainfall for February was considerably below normal over the North Island, but in the south, with the exception of portions of the East Coast district, it was nearly everywhere in excess. In Westland the percentage above was greatest, several stations recording over 100 per cent. in excess of the mean of previous years. This was owing to the character of the disturbances being chiefly of the westerly type, with centres passing in higher latitudes and accounting for a prevalence of north-west to south-westerly winds.

On the 2nd a small atmospheric depression passed off East Cape, and some beneficial rains fell at this time in most parts of the Hawke's Bay and Gisborne districts.

Although many days were cloudy and frequently threatening in the North Island, beyond a few showers the weather remained dry and generally warm. In and southwards of Cook Strait dull weather was also very prevalent, and in the West Coast and southernmost districts often very unsettled. The wettest days were generally between the 3rd and 6th and the 21st and 28th. These periods, and also about the 14th, were notable for strong winds over the South Island, and on the latter date stormy conditions ruled in many parts.

D. C. BATES, Director.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM THE CHIEF STATIONS.
February, 1915.

Ft.	Name of Station and Observer.	Altitude above Sea-level.	Extremes.			Total Rainfall (100 Points to the Inch).	Days with Rain († Point or more).
			Absolute Mean Temp. Air in Shade.	Mean Max. Temp.	Mean Min. Temp.		
20	NORTH ISLAND.		Deg.	Deg.	Deg.	Point	Dys.
	RUAWAI ..		67.9	77.7	58.2	67	7
	Dr. H. M. Levinge						
125	AUCKLAND ..		65.3	71.7	58.8	65	5
	T. F. Cheeseman						
	TE AROHA ..		64.9	75.4	54.4	79	3
	G. F. McGirr						
925	ROTORUA ..		62.2	72.6	51.9	91	6
	L. J. Bayfield						
370	WAIHI ..		63.8	74.0	53.6	121	9
	P. A. Clifford						
	TAURANGA ..		64.3	74.5	54.1	92	5
	C. J. Butcher						
63	NEW PLYMOUTH ..		..	..	..	..	..
	W. W. Smith						
250	MOUMAHARI ..		60.5	69.5	51.6	142	5
	A. S. Huntington						
2080	TAIHAPE ..		58.1	68.5	47.8	80	6
	A. R. Fannin						
	PALMERSTON NORTH ..		60.2	71.1	49.4	136	7
	J. E. Vernon						
186	GREYTOWN ..		63.4	74.5	52.4	46	5
	W. C. Davies						
377	MASTERTON ..		62.6	74.7	50.5	61	5
	Wm. Hood						
	GISBORNE ..		65.4	78.3	52.6	178	7
	C. H. Ferris						
14	GREENMEADOWS, NA-PIER		68.0	79.3	56.8	7	1
	Rev. L. Walsh						
10	WELLINGTON ..		61.7	67.6	55.9	125	7
	F. W. Simms						
	SOUTH ISLAND.		Deg.	Deg.	Deg.	Points	Dys.
34	NELSON ..		62.5	70.7	54.3	362	9
	Rev. J. P. Kempthorne						
1218	HANMER SPA ..		59.7	72.2	47.3	215	9
	Dr. J. C. Duncan						
25	CHRISTCHURCH ..		58.9	67.4	50.5	116	11
	H. F. Skey						
42	LINCOLN ..		60.8	70.6	51.1	84	8
	G. Gray						
	RAKAI ..		55.1	70.7	39.5	52	4
	Miss A. Hardy						
130	TIMARU ..		60.2	70.3	50.1	215	10
	Caretaker of Domain						
90	WAIMATE ..		58.1	68.2	48.0	261	10
	W. M. Hamilton						
300	DUNEDIN ..		55.9	63.7	48.1	456	17
	D. Tannock						
245	GORE ..		54.2	64.1	44.3	336	18
	H. Dolamore						
12	HOKITIKA ..		55.7	61.2	50.2	1561	20
	F. T. Sandford						
18	INVERCARGILL ..		54.6	62.2	47.0	435	17
	L. Lennie						