

Government Meteorological Observatory.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM CHIEF STATIONS.
February, 1926.

METEOROLOGICAL Observations, Wellington, for the month of February, 1926. 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.					Solar Radiation.	Terrestrial Radiation.	Veloc. Wind, in Miles, 0 to 10.	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.						
1	29.689	61.1	51.3	56.2	101.0	46.2	222	10	S.E.	..	..
2	29.558	64.3	51.1	57.7	126.0	42.8	142	9	N.W.	4	3	
3	29.536	65.0	55.3	60.1	125.0	55.0	247	10	S.E.	..	48	
4	29.771	65.0	52.1	58.5	126.0	45.5	217	10	Calm	..	..
5	29.566	68.5	59.0	63.7	133.0	56.9	291	10	N.W.	83	..	
6	29.615	62.2	49.9	56.0	105.0	49.0	367	6	S.E.	..	..
7	29.427	64.9	45.8	55.3	138.0	37.9	143	9	N.W.	66	..	
8	29.581	70.9	48.2	59.5	134.0	45.2	218	8	S.E.	..	..
9	29.715	65.5	54.8	60.1	123.0	52.1	311	2	S.E.	..	..
10	29.633	65.0	48.9	56.9	128.0	42.0	122	10	N.W.	20	..	
11	29.278	63.5	53.5	58.5	106.0	52.2	281	10	S.S.W.	8	..	
12	29.560	64.0	47.0	55.5	116.0	37.9	117	2	N.W.	..	..
13	29.892	70.0	49.1	59.5	131.0	40.0	123	9	N.W.	Trace	..	
14	30.012	66.1	56.8	61.4	131.0	52.1	216	2	S.	..	..
15	30.166	67.0	47.9	57.4	125.0	40.2	140	5	N.W.	..	..
16	30.134	68.9	58.7	63.8	132.0	55.0	229	8	N.W.	..	..
17	30.012	69.6	59.6	64.6	128.0	55.7	232	6	N.N.E.	..	..
18	29.947	70.0	61.4	65.7	133.0	58.0	279	10	N.N.W.	..	..
19	29.689	69.0	62.8	65.9	130.0	61.0	540	10	N.W.	..	..
20	29.771	70.2	55.2	62.7	127.0	54.1	306	0	S.W.	..	..
21	29.967	72.0	55.0	63.5	128.0	47.8	190	3	N.	..	..
22	29.900	69.4	57.4	63.4	127.0	54.0	301	2	N.W.	..	..
23	29.684	71.0	60.8	65.9	128.0	59.0	427	7	N.W.	..	..
24	29.994	68.0	52.7	60.3	130.0	43.7	335	0	N.	..	..
25	30.121	68.8	51.4	60.1	131.0	47.3	310	1	S.	..	..
26	30.133	64.8	46.3	55.5	122.0	36.5	246	1	N.E.	4	..	
27	29.539	62.6	53.8	58.2	128.0	51.8	386	10	N.	15	..	
28	29.703	66.1	54.0	60.0	132.0	49.5	226	10	S.S.E.	16	..	
29	..	..	..	..	..	..	..	..	..	..	..
30	..	..	..	..	..	..	..	..	..	..	..
31	..	..	..	..	..	..	..	..	..	..	..
*	29.771	66.9	53.6	60.2	126.0	48.9	256	6.4	..	..	263
†	29.980	69.3	55.7	62.5	124.8	49.0	239	5.2	..	..	320

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
5	1	..	5	4	1	..	11	1

NOTE.—A cool and dry month, with precipitation 18 per cent. below the mean of previous years. Total bright sunshine, 202 hours 17 minutes, 53 per cent. of the possible, and two sunless days. Thunder was heard on the 2nd and 5th. Mean earth temperature at 1 ft. was 64.4°, and 64.7° at 3 ft. Mean dew-point, 51°; mean elastic force of vapour, 0.374 in.; and mean relative humidity, 72 per cent. of saturation.

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 (1 Point or more).
			Mean Max. Temp.	Mean Min. Temp.		
Ft. 152	NORTH ISLAND. AUCKLAND ..	Deg. 62.9	Deg. 69.0	Deg. 56.8	Points. 257	16
131	RUAKURA FARM, HAMILTON EAST G. A. Holmes	59.6	72.5	46.6	165	14
211	MATAMATA .. W. Halligan	58.8	71.6	46.0	159	11
46	TE AROHA .. C. E. Christensen	62.3	74.9	49.8	168	11
340	WAIHI .. C. F. Sims	62.6	72.0	53.2	172	12
100	TAURANGA .. C. J. Butcher	62.7	74.7	50.7	101	7
925	ROTORUA .. W. E. Penno	59.3	70.3	48.4	136	9
60	NEW PLYMOUTH G. H. Dolby	58.9	65.8	52.0	346	13
2080	TAIHAPE .. A. R. Fannin	54.1	62.7	45.6	376	13
100	PALMERSTON NORTH J. A. Colquhoun	58.9	67.1	50.6	369	13
8	TANGIMOANA R. A. Reid	59.1	68.7	49.6	577	12
119	CENTRAL DEVELOPMENT FARM, WERAROA J. E. Sharp	59.0	66.4	51.6	230	13
5	NAPIER .. Chas. L. Thomas	62.4	71.9	53.0	150	9
377	MASTERTON R. Brown	60.4	70.8	50.0	406	12
186	GREYTOWN W. Allan	60.3	71.0	49.7	392	13
10	WELLINGTON ..	60.2	66.9	53.6	263	9
87	SOUTH ISLAND. BRIGHTWATER Ven. Archdeacon Kempthorne	60.8	71.8	49.9	103	7
34	NELSON .. H. Harrison	60.4	69.4	51.5	138	8
1220	HANMER SPRINGS W. Montgomery	57.2	67.9	46.6	498	12
25	CHRISTCHURCH H. F. Skey	58.5	67.8	49.2	279	12
42	LINCOLN .. M. J. Scott	61.0	69.8	52.1	209	10
1220	KISSLTON .. A. E. Young	58.0	70.2	45.9	343	10
349	RAKAI .. Miss A. Hardy	59.1	70.1	48.2	268	10
1000	FAIRLIE .. A. J. Grant	57.2	70.4	44.1	452	12
130	TIMARU .. Caretaker of Domain	59.2	68.6	49.9	298	13
200	WAIMATE .. F. Akhurst	57.3	65.6	49.0	359	13
1550	SANATORIUM, WAIPIATA Dr. A. Kidd	54.5	63.7	45.3	271	15
1000	OPHIR .. A. Don	57.9	68.8	47.0	209	12
300	DUNEDIN .. D. Tennock	56.1	63.6	48.7	698	21
245	GORE .. A. T. Newman	56.3	65.6	47.0	483	22
12	HOKITIKA .. J. A. Chesney	55.4	61.5	49.4	1012	17
12	INVERCARGILL L. Lenlie	56.0	63.6	48.4	672	22
LATE RETURN.						
8	TANGIMOANA January, 1926.	65.3	75.5	55.2	201	10

SUMMARY FOR THE MONTH OF FEBRUARY, 1926.

During the first fortnight of February conditions were dominated by three intense areas of low-pressure located eastward of the South Island, and strong southerly winds brought cold, unsettled weather and heavy rain, especially in the South. Fair weather predominated between the 14th and 21st, except about the 18th, when considerable rain fell in Westland, the effect of a westerly disturbance passing in the South. The latter portion of the month, though very changeable, was on the whole warmer, but on the 27th and 28th a strong southerly and general rains were experienced. This benefited the Hawke's Bay district, where dry conditions have persisted during the past six months. The total rainfall was in excess of the average over the South Island, except about Nelson and Collingwood. It was also above about Kawhia, Wanganui, and Foxton, but elsewhere in the North Island it was below the average. The difference was greatest in Otago, where the aggregate rain ranged from 100 to 200 per cent. above the mean. The month was remarkably cool, and on several occasions frosts occurred in places widely apart.

D. C. BATES, Director.