

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of May, 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.			
1	29.950	Fah. 63.1	Fah. 56.7	Fah. 59.9	Fah. 113.0	Fah. 53.4	349	1 N.W.	..
2	29.774	63.0	57.2	60.1	116.0	54.2	425	8 N.W.	21
3	29.820	63.2	45.0	54.1	118.0	37.8	206	2 N.N.W	51
4	30.001	59.8	45.9	52.8	110.0	44.8	256	9 S.E.	96
5	29.795	50.0	45.1	47.5	71.0	43.2	280	10 N.W.	63
6	30.140	54.8	48.2	51.5	89.0	45.9	341	1 S.E.	..
7	30.388	55.1	46.7	50.9	104.0	41.7	271	7 S.E.	1
8	30.546	56.9	42.7	49.8	109.0	34.3	77	4 N.E.	11
9	30.655	54.5	47.0	50.7	112.0	40.0	188	9 S.E.	..
10	30.609	58.0	44.1	51.0	111.0	36.0	82	10 E.N.E.	..
11	30.473	57.5	42.7	50.1	100.0	34.9	58	8 S.E.	..
12	30.376	58.8	42.8	50.8	109.0	33.9	116	8 N.	20
13	30.188	58.0	48.8	53.4	102.0	46.4	17	10 N.E.	3
14	30.026	69.0	53.4	61.2	129.0	53.2	105	10 N.	29
15	29.896	64.7	57.6	61.1	79.0	56.0	320	9 N.W.	42
16	29.994	62.1	49.9	56.0	78.0	49.1	237	9 S.E.	trace.
17	29.921	57.3	43.7	50.5	103.0	35.8	170	6 N.	..
18	29.645	58.9	55.5	57.2	111.0	49.1	372	1 N.W.	..
19	29.952	65.3	39.7	52.5	110.0	29.2	161	6 N.E.	..
20	30.055	57.9	48.2	53.0	106.0	38.2	152	6 N.N.W	12
21	29.953	58.1	52.1	55.1	109.0	50.2	248	4 N.E.	77
22	29.469	61.0	53.9	57.4	111.0	52.9	339	10 N.W.	47
23	29.770	60.0	50.8	55.4	63.0	49.1	216	10 S.E.	29
24	30.043	57.8	45.7	51.7	69.0	41.3	181	10 S.W.	36
25	30.264	53.4	45.0	49.2	75.0	42.1	300	9 S.S.E.	..
26	30.338	52.1	46.4	49.2	96.0	40.8	198	9 S.S.E.	..
27	30.346	52.0	44.2	48.1	90.0	33.3	147	1 N.E.	..
28	30.354	56.1	36.0	46.0	101.0	26.0	24	7 S.E.	..
29	30.164	53.0	39.5	46.2	92.0	30.2	121	10 calm.	trace.
30	29.815	53.9	43.0	48.4	86.0	34.4	88	10 S.E.	83
31	29.718	58.0	46.8	52.4	65.0	45.6	462	10 S.S.E.	9
*	30.079	58.2	47.2	52.7	98.0	42.0	210	7.2	..
†	29.971	58.2	47.2	52.7	95.3	40.4	220	5.7	..

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
5	5	1	9	3	1	..	6	1

NOTE.—A dull and wet month, but of average temperature. Precipitation was 33 per cent. above the mean. Total bright sunshine, 111 hours 4 minutes, 36 per cent. of the possible, and five sunless days. Three fogs were noted, and frost was recorded on the grass on three mornings. Mean earth-temperature at 1 ft. was 52.2°, and 55.7° at 3 ft. Mean dew-point, 45.50°; mean elastic force of vapour, 0.305 in.; and mean relative humidity, 76 per cent. of saturation.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM THE CHIEF STATIONS.
May, 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. 152	NORTH ISLAND. AUCKLAND ..	Deg. 57.3	Deg. 62.4	Deg. 52.2	Points. 525	24
131	RUAKURA FARM, HAMILTON EAST G. A. Holmes	53.7	64.0	43.4	559	19
46	TE AROHA .. C. E. Christensen	55.8	66.5	45.2	552	15
340	WAIHI .. C. F. Sims	54.4	63.3	45.6	1094	21
100	TAURANGA .. C. J. Butcher	55.3	63.4	47.3	846	15
925	ROTORUA .. W. E. Penno	52.5	60.5	44.6	720	14
60	NEW PLYMOUTH G. H. Dolby	53.1	59.1	47.1	714	17
2080	TAIHAPE .. A. R. Fannin	47.7	54.2	41.3	576	18
100	PALMERSTON NORTH .. J. A. Colquhoun	51.8	58.1	45.6	494	17
8	TANGIMOANA .. R. A. Reid	50.3	59.4	41.3	588	14
119	CENTRAL DEVELOPMENT FARM, WERAROA J. E. Sharp	51.5	58.7	44.2	819	15
5	NAPIER .. Chas. L. Thomas	54.2	61.6	46.8	359	15
377	MASTERTON R. Brown	50.4	57.8	43.0	542	23
186	GREYTOWN .. W. Allan	50.7	57.8	43.7	588	17
10	WELLINGTON ..	52.7	58.2	47.2	630	17
87	SOUTH ISLAND. BRIGHTWATER .. Ven. Archdeacon Kempthorne	49.1	59.3	38.9	358	14
34	NELSON .. H. Harrison	50.1	58.5	41.7	370	10
1220	HANMER SPRINGS .. W. G. Morrison	43.7	53.6	33.9	771	14
25	CHRISTCHURCH H. F. Skey	45.6	54.1	37.0	212	14
42	LINCOLN .. M. J. Scott	45.8	55.2	36.4	218	9
1220	KISSELTON .. A. E. Young	45.0	54.0	36.1	179	9
349	RAKAIA .. Miss A. Hardy	45.0	53.8	36.2	253	11
1000	FAIRLIE .. W. Kinder	41.7	55.1	28.4	247	11
130	TIMARU .. Caretaker of Domain	45.6	54.5	36.8	201	10
200	WAIMATE .. F. Akhurst	45.0	54.6	35.3	205	10
1550	SANATORIUM, WAIPIATA Dr. A. Kidd	39.9	49.2	30.7	156	8
1000	OPHIR .. A. Don	38.4	47.9	28.9	66	7
300	DUNEDIN .. D. Tannock	46.2	53.8	38.6	279	9
245	GORE .. A. T. Newman	..	..	..	..	..
12	HOKITIKA .. J. A. Chesney	4.88	57.1	40.6	494	14
12	INVERCARGILL P. W. Thomas	..	..	..	249	15

LATE RETURNS.

1000	FAIRLIE —					
	February, 1925 ..	55.8	68.0	43.7	183	13
	March, 1925 ..	52.8	68.2	37.4	145	3
	April, 1925 ..	50.7	65.8	35.6	233	6

SUMMARY FOR THE MONTH OF MAY, 1925.

During May the most remarkable meteorological feature was the number of cyclonic disturbances which passed in the North. On this account rainfall was greatly in excess of the average over the North Island and in the east coast portions of the South Island, and deficient in the western and southernmost districts of the South. There were two periods when fair weather prevailed over the Dominion as a whole—viz., between the 7th and 11th and the 24th and 28th; but during the remainder of the month, except in Westland and Otago, unsettled and wet weather predominated. Heavy rains and floods occurred in the northern districts about the 12th, 14th, and 15th, and very stormy conditions were experienced over the Dominion on the 22nd and 23rd, with further floods in the North. Both these stormy periods resulted from ex-tropical cyclones, and an intense cyclone also made the close of the month extremely unpleasant for the northern districts.

D. C. BATES, Director.