

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of May, 1921. Observations taken 9 a.m.

Altitude of Observatory, 10 ft.

Date.	Barometer reduced and corrected in inches to Lat. 45°.	From Self-regulating 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	30-314	60.2	49.6	54.9	111.0	44.0	123	6 N.E.	..	
2	30-285	61.2	40.7	50.9	116.0	31.9	65	8 N.E.	..	
3	30-110	60.3	53.1	56.7	115.0	51.7	295	4 N.W.	29	
4	30-395	62.8	46.6	54.7	114.0	45.5	328	10 S.E.	18	
5	30-368	48.8	40.0	44.4	48.0	31.8	122	10 Calm	1	
6	30-314	55.0	43.1	49.0	86.0	37.8	167	7 N.N.E.	Trace	
7	30-043	58.7	53.1	55.9	111.0	50.4	387	10 N.N.W	15	
8	29-387	59.4	53.6	56.3	114.0	51.3	636	6 N.N.W	9	
9	29-856	59.7	37.3	48.5	113.0	31.2	215	12 N.	1	
10	30-045	57.1	38.3	47.7	109.0	29.9	239	8 Calm	Trace	
11	29-856	58.0	47.1	52.5	101.0	41.2	178	2 N.	46	
12	30-134	61.3	40.1	50.7	106.0	38.9	423	4 S.	5	
13	30-251	50.8	44.6	47.7	99.0	40.3	256	10 S.	8	
14	30-193	51.5	45.5	48.5	94.0	42.8	495	10 S.	19	
15	30-150	50.4	48.0	49.2	59.0	46.0	450	10 S.S.E.	Trace	
16	30-293	54.0	49.2	51.6	87.0	40.2	340	10 S.	..	
17	30-299	52.0	46.4	49.2	63.0	42.7	217	9 S.	7	
18	30-266	58.0	50.2	54.1	103.0	48.1	280	10 S.	16	
19	30-294	52.2	48.3	50.2	76.0	45.8	309	9 S.	Trace	
20	30-254	57.6	39.4	48.5	105.0	30.0	68	10 Calm	Trace	
21	30-145	52.3	48.0	50.1	68.0	43.8	214	10 N.E.	5	
22	30-126	56.5	51.1	53.8	106.0	50.0	233	10 N.	1	
23	30-111	56.8	53.2	55.0	83.0	51.8	254	10 N.	2	
24	30-035	59.8	54.8	57.3	111.0	52.7	308	10 N.	Trace	
25	30-141	60.0	56.4	58.2	98.0	54.0	342	7 N.W.	6	
26	29-781	64.0	57.4	60.7	106.0	54.4	315	7 N.N.W	68	
27	29-757	64.1	55.9	60.0	92.0	53.1	549	8 N.W.	Trace	
28	29-980	60.1	53.9	57.0	105.0	49.5	337	10 N.W.	2	
29	29-560	57.1	53.0	55.0	77.0	50.6	356	10 N.W.	2	
30	29-941	58.5	38.1	48.3	100.0	28.5	131	0 Calm	Trace	
31	30-148	59.9	41.1	50.5	105.0	30.2	160	10 N.	2	
*	30-091	57.4	47.7	52.5	96.5	43.2	284	8.3	..	262
†	29-965	58.3	47.3	52.8	95.2	39.9	218	481

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
10	3	..	1	8	..	..	5	4

NOTE.—The weather during the month has been cloudy and unsettled, and precipitation, which was of a showery nature, occurred on twenty days, and was 46 per cent. below the mean of previous years. Total bright sunshine 102 hours 21 minutes, and seven sunless days, 33 per cent. of the possible. Thunder occurred on the 8th, and an Aurora Australis on the 15th. Frost was recorded on the grass on seven mornings. Mean earth-temperature at 1 ft. was 51.9°, and 54.9° at 3 ft. Mean dew-point, 47.3°; mean elastic force of vapour, 0.327 in.; and mean relative humidity, 82 per cent. of saturation.

SUMMARY FOR THE MONTH OF MAY, 1921.

Dull and misty weather was much in evidence during May, but except in the West Coast districts of the South Island the total rainfall was everywhere considerably less than the average.

Westerly disturbances ruling between the 7th and 13th and from the 24th to the end of the month accounted for unsettled and squally conditions during these two periods, with rain in many parts, particularly in districts with a westerly aspect.

Although anticyclonic pressure prevailed from the 12th to the 24th, the weather proved cold and dull, owing to the proximity of depressions eastward and southward of the Dominion.

D. C. BATES, Director.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM THE CHIEF STATIONS.
May, 1921.

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 (4 Point or more).
			Mean Max. Temp.	Mean Min. Temp.		
Ft. 125	NORTH ISLAND. AUCKLAND .. F. A. F. Burnett	Deg. 56.9	Deg. 61.4	Deg. 50.9	Points. 135	Dys. 11
131	RUAKURA FARM, HAMILTON EAST W. B. Monro	50.6	62.4	38.9	224	11
46	TE AROHA .. G. F. McGirr	52.5	63.3	41.7	301	7
340	WAIHI .. C. F. Sims	51.7	61.7	41.8	342	14
100	TAURANGA .. C. J. Butcher	51.6	62.1	41.2	627	14
925	ROTORUA .. G. J. O'Brien	50.0	59.9	40.2	319	12
..	NEW PLYMOUTH ..	..	..	..	..	..
250	MOUMAHAKI .. J. G. McFarlane	51.7	59.3	44.2	335	12
2080	TAIHAPE .. A. R. Fennin	46.1	52.0	40.3	244	16
100	PALMERSTON NORTH .. J. A. Colquhoun	49.1	59.0	39.3	201	10
119	CENTRAL DEVELOPMENT FARM, WERAROA J. Beverley	50.1	57.9	42.4	320	17
70	GREENMEADOWS, NA-PIER	53.1	61.0	45.2	97	6
377	MASTERTON .. R. Brown	50.0	60.1	40.0	190	13
186	GREYTOWN .. J. P. Eccleton	50.0	58.8	41.2	252	11
..	TRENTHAM MILITARY HOSPITAL	47.8	53.0	42.6	297	11
10	WELLINGTON ..	52.5	57.4	47.7	262	20
..	SOUTH ISLAND. BRIGHTWATER .. Ven. Archdeacon Kempthorne	48.8	59.0	38.7	240	12
34	NELSON .. Wm. C. Davies	48.9	56.2	41.7	181	12
1220	HANMER SPRINGS .. W. G. Morrison	45.4	54.4	36.5	413	10
25	CHRISTCHURCH .. H. F. Skey	49.7	57.6	41.9	229	9
42	LINCOLN .. Wm. C. Purdie	49.6	58.3	40.9	184	9
1220	KISSELTON .. A. R. Blackwood	46.9	57.9	35.9	445	9
..	RAKAI .. Miss A. Hardy	48.8	58.4	39.2	154	5
130	TIMARU .. Caretaker of Domain	48.7	58.2	39.3	56	7
200	WAIMATE .. F. Akhurst	48.4	58.7	38.1	60	7
300	DUNEDIN .. D. Tannock	..	..	..	107	10
245	GORE .. A. T. Newman	45.4	53.5	37.3	250	12
12	HOKITIKA .. J. A. Chesney	49.2	56.3	42.2	1347	18
12	INVERCARGILL .. L. Lennie	47.2	55.7	38.7	430	18