

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the month of June, 1924. Observations taken 9 a.m.

Altitude of Observatory, 10 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.			
1	29.634	59.5	45.0	52.2	107.0	42.0	247	9	S.W.	56
2	30.052	51.1	41.2	46.1	99.0	39.0	475	9	S.E.	34
3	30.247	48.6	44.5	46.5	79.0	41.0	535	10	S.	15
4	30.318	49.1	45.2	47.1	65.0	43.1	340	9	N.E.	Trace
5	30.328	52.8	44.1	48.4	97.0	37.8	87	3	S.	3
6	30.314	53.6	39.2	46.4	100.0	30.4	45	9	N.N.W.	14
7	29.933	58.8	49.5	54.1	108.0	47.1	260	10	N.W.	24
8	30.087	52.1	56.3	59.2	90.0	52.0	421	3	N.N.W.	6
9	29.939	61.6	48.4	55.0	104.0	45.9	78	10	S.E.	17
10	30.006	53.8	43.0	48.4	62.0	34.2	115	4	N.W.	..
11	30.092	59.2	49.9	51.5	101.0	40.5	203	6	N.W.	6
12	29.639	57.0	53.9	55.4	103.0	50.0	437	10	N.W.	5
13	30.016	58.3	42.1	50.2	99.0	39.9	237	5	S.E.	7
14	30.110	50.3	44.6	47.4	93.0	41.0	461	8	S.E.	3
15	30.232	52.0	42.4	47.2	73.0	39.0	617	8	S.E.	9
16	30.354	48.7	36.0	42.3	91.0	28.1	225	1	Calm	..
17	30.255	51.9	32.2	43.5	97.0	23.1	6	7	Calm	41
18	29.714	57.3	39.1	48.2	99.0	33.4	261	6	N.W.	19
19	29.691	59.0	52.6	55.8	97.0	49.0	489	10	N.W.	1
20	29.652	54.1	46.8	50.4	62.0	41.2	228	10	S.E.	..
21	29.794	52.9	45.1	49.0	59.0	40.0	224	10	S.E.	6
22	30.044	48.5	37.5	43.0	83.0	29.0	89	0	Calm	..
23	29.873	56.7	45.8	51.2	96.0	37.2	282	2	N.W.	10
24	29.428	59.5	55.1	57.3	101.0	52.0	483	3	N.W.	4
25	29.777	59.1	48.3	53.7	105.0	38.0	351	4	N.W.	..
26	29.777	59.3	54.2	56.7	98.0	50.2	454	6	N.W.	15
27	29.803	59.5	46.0	52.7	86.0	45.0	327	10	S.E.	2
28	30.089	56.7	35.0	45.8	93.0	26.9	45	0	Calm	..
29	30.272	57.2	34.1	45.6	96.0	27.0	15	3	N.N.E.	2
30	30.116	57.2	48.1	52.6	98.0	43.4	218	6	N.W.	..
31										
*	29.986	55.6	44.8	50.2	91.4	39.5	275.2	6.4	..	296
†	29.949	54.7	44.3	49.5	87.1	37.7	208.0	5.7	..	492

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
3	1	..	7	3	1	..	11	4

NOTE.—A month of fair weather with precipitation 40 per cent. below the mean of previous years. Total bright sunshine 118 hours 32 minutes, 43 per cent. of the possible, and five sunless days. A fog occurred on the 6th, hail fell on the 15th, thunder was heard on the 18th, and frost was recorded on the grass on six mornings. Mean earth-temperature at 1 ft. was 48.6°, and 53° at 3 ft. Mean dew-point, 44°; mean elastic force of vapour, 0.288 in.; and mean relative humidity 79 per cent. of saturation.

SUMMARY FOR THE MONTH OF JUNE, 1924.

Strong southerly winds and cold, squally, and showery weather, associated with the rear of a westerly low-pressure area, characterized the first three days of June.

There were four district westerly disturbances, which culminated on the 8th, 12th, 18th, and 24th, and the weather between the 17th and 27th was very unsettled, with heavy showers in most parts of the country. An ex-tropical cyclone passed in the North on the 14th and 15th, causing easterly gales and very heavy seas on the East Coast, especially about Gisborne and Napier.

Periods when fair weather was most general were the 4th to 6th, on the 10th, 16th to 17th, and 28th to 30th.

Frosts were frequent in the east coast districts of the South Island, but on the whole conditions were milder than usual. Rainfall was again much above the average in the North Island, except in parts of the east coast districts, about Cape Egmont, and Cook Strait; while in the South Island it was above in the high country and the southern districts and below on both the east and west coasts.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM THE CHIEF STATIONS.

June, 1924.

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.		
NORTH ISLAND.						
152	AUCKLAND ..	Deg. 53.2	Deg. 58.0	Deg. 48.5	Points. 660	21
131	RUAKURA FARM, HAMILTON EAST W. B. Monro	..	..	..	..	..
46	TE AROHA .. C. E. Christensen	52.0	59.7	44.4	691	18
540	WAIHI .. C. F. Sims	51.4	59.3	43.5	544	13
100	TAURANGA .. C. J. Butcher	51.1	58.4	43.8	465	19
925	ROTORUA .. W. E. Penno	48.2	55.8	40.7	594	16
60	NEW PLYMOUTH G. H. Dolby	51.2	57.2	45.2	514	24
250	MOUMAHAKI J. G. McFarlane	49.6	55.7	43.4	482	20
2080	TAIHAPE .. A. R. Fannin	43.4	48.3	38.6	509	22
100	PALMERSTON NORTH J. A. Colquhoun	48.6	55.5	41.7	456	18
5	OROUA DOWNS R. A. Reid	..	..	..	453	17
119	CENTRAL DEVELOPMENT FARM, WERRAROA J. E. Sharp	48.7	55.2	42.3	486	20
5	NAPIER .. Chas. L. Thomas	50.2	56.9	43.5	172	10
377	MASTERTON R. Brown	47.6	55.5	39.8	402	20
186	GREYTOWN W. Allan	47.5	55.0	40.0	383	18
10	WELLINGTON ..	50.2	55.6	44.8	296	21
SOUTH ISLAND.						
87	BRIGHTWATER Ven. Archdeacon Kempthorne	46.2	55.9	36.6	306	11
34	NELSON .. H. Harrison	46.9	56.4	37.5	334	9
1220	HANMER SPRINGS W. G. Morrison	41.6	50.7	32.6	490	13
25	CHRISTCHURCH H. F. Skey	44.4	52.8	36.0	198	12
42	LINCOLN .. M. J. Scott	45.7	53.7	37.7	321	10
1220	KISSILTON .. F. Freeman	44.8	54.6	35.0	405	9
130	TIMARU .. Caretaker of Domain	43.9	53.1	34.8	55	6
200	WAIMATE .. F. Akhurst	43.8	52.9	34.7	80	9
300	DUNEDIN .. D. Tannock	45.4	51.9	39.0	285	11
245	GORE .. A. T. Newman	41.1	49.6	32.7	279	15
12	HOKITIKA .. J. A. Chesney	46.3	54.7	38.0	954	15
12	INVERCARGILL L. Lennie	42.8	51.3	34.4	416	19

D. C. BATES, Director.