

Government Meteorological Observatory.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM THE CHIEF STATIONS.

June, 1922.

METEOROLOGICAL Observations, Wellington, for the month of June, 1922. 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.	Veloc. Wind, in Miles.			
		Fah.	Fah.	Fah.	Fah.	Fah.				
1	30-061	53.9	43.5	48.7	101.0	41.8	332	10	S.S.E.	Trace
2	30-007	55.0	45.7	50.3	89.0	40.1	127	4	E.	35
3	29-651	59.0	49.0	54.0	108.0	46.2	52	10	Calm.	108
4	29-831	57.3	44.5	50.9	76.0	40.0	363	6	S.	..
5	30-037	55.0	35.1	45.0	104.0	24.0	143	3	N.	..
6	30-337	57.0	45.7	51.3	107.0	31.3	232	10	S.	3
7	30-448	51.0	34.2	42.6	96.0	22.1	137	0	N.	2
8	30-427	55.6	44.2	49.9	94.0	43.0	178	7	S.	13
9	30-353	49.9	44.6	47.2	73.0	42.0	344	10	S.	24
10	30-408	51.0	44.3	47.6	99.0	42.0	350	10	S.S.E.	..
11	30-389	50.0	38.0	44.0	89.0	27.5	210	0	S.	..
12	30-308	58.4	33.0	45.7	103.0	23.3	42	0	N.	..
13	30-210	57.2	31.3	44.2	98.0	21.0	28	0	Calm	..
14	30-182	57.0	36.4	46.7	103.0	27.5	100	6	Calm	..
15	30-293	53.4	32.3	42.8	80.0	23.0	15	3	Calm	Trace
16	30-245	54.5	42.3	48.4	88.0	32.1	216	9	S.E.	16
17	30-337	55.5	46.2	50.8	63.0	45.0	500	10	S.S.E.	13
18	30-424	50.0	45.3	47.6	87.0	43.3	583	10	S.	2
19	30-384	50.6	44.6	47.6	83.0	42.1	244	10	S.	1
20	30-494	49.8	44.8	47.3	78.0	41.5	449	9	S.	1
21	30-575	51.0	44.1	47.5	101.0	41.0	247	10	S.	..
22	30-601	51.9	31.0	41.4	94.0	19.5	45	5	N.E.	..
23	30-430	51.3	44.2	47.7	98.0	41.1	247	8	N.	3
24	30-275	55.0	50.2	52.6	107.0	46.2	317	10	N.	11
25	29-871	58.0	49.0	53.5	78.0	43.0	252	9	N.	65
26	29-935	59.3	45.7	52.5	108.0	44.2	338	8	S.	Trace
27	30-057	56.1	45.2	50.6	106.0	42.0	443	10	S.	17
28	29-932	52.5	40.7	46.6	75.0	38.0	430	7	S.	8
29	29-604	47.3	37.9	42.6	87.0	27.8	125	10	S.	1
30	29-752	53.0	37.0	45.0	84.0	27.5	136	6	N.	9
*	30-195	53.9	41.7	47.8	92.0	35.6	241	7.0	..	332
†	29-949	54.7	44.3	49.5	86.5	37.2	205	5.7	..	492

* Means, &c. † Means previous years.

DIRECTION OF WIND.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
7	1	1	1	16	4

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.		Deg.	Deg.	Deg.	Points.	Dys.
125	NORTH ISLAND.					
	AUCKLAND ..	52.0	57.9	46.2	299	13
	F. A. F. Burnett					
131	RUAKURA FARM,	49.4	58.8	40.0	224	9
	HAMILTON EAST					
	W. B. Monro					
46	TE AROHA ..	47.9	58.0	37.9	364	10
	G. F. McGirr					
340	WAIHI ..	46.4	56.8	36.1	680	12
	C. F. Sims					
100	TAURANGA ..	48.7	59.6	37.8	415	12
	C. J. Butcher					
925	ROTORUA ..	47.6	58.1	37.2	1023	12
	W. E. Penno					
..	NEW PLYMOUTH	49.3	55.3	43.4	358	11
	G. H. Dolby					
250	MOUMAHAKI ..	40.3	45.7	35.0	244	9
	J. G. McFarlane					
2080	TAIHAPE	140	16
	A. R. Fannin					
100	PALMERSTON NORTH..	46.0	53.6	38.3	240	10
	J. A. Colquhoun					
119	CENTRAL DEVELOPMENT	44.7	53.8	35.6	201	9
	FARM, WERAROA					
	J. Beverley					
70	GREENMEADOWS, NA-	46.8	53.5	40.1	134	14
	PIER					
377	MASSEYTON ..	44.3	52.3	36.4	175	19
	R. Brown					
186	GREYTOWN ..	44.2	52.3	36.2	240	13
	J. P. Eccleton					
..	MILITARY HOSPITAL,	45.1	53.2	37.1	185	18
	TRENTHAM					
	Miss E. Hooper					
10	WELLINGTON ..	47.8	53.9	41.7	332	18
	SOUTH ISLAND.					
..	BRIGHTWATER ..	44.6	55.6	33.6	366	8
	Ven. Archdeacon					
	Kempthorne					
34	NELSON ..	46.0	54.8	37.3	299	9
	Win. C. Davies					
1220	HANMER SPRINGS ..	37.8	48.2	27.5	246	11
	W. G. Morrison					
25	CHRISTCHURCH ..	41.3	48.7	33.9	271	15
	H. F. Skey					
42	LINCOLN ..	41.6	49.6	33.6	163	12
	M. J. Scott					
1220	KISSELTON ..	38.6	49.1	28.1	52	5
	A. R. Blackwood					
..	RAKAIA ..	39.1	46.5	31.7	260	9
	Miss A. Hardy					
130	TIMARU ..	40.6	45.6	32.6	49	11
	Caretaker of Domain					
200	WAIMATE ..	41.3	50.2	32.5	52	8
	F. Akhurst					
300	DUNEDIN ..	42.4	48.1	36.7	369	10
	D. Tannock					
245	GORE ..	37.5	45.3	29.7	162	12
	A. T. Newman					
12	HOKITIKA ..	44.5	54.9	34.1	493	7
	J. A. Chesney					
12	INVERCARGILL ..	40.5	48.2	32.8	206	14
	L. Lennie					

SUMMARY FOR THE MONTH OF JUNE, 1922.

June proved a cold month, the mean shade temperature being below the average of previous years. Frosts were more frequent and more severe than usual in places generally subject to them. Rotorua reported 17 degrees of frost on the morning of the 28th, while Hanmer, in the South Island, registered 21 degrees of frost on the 11th and 12th, and experienced twenty-seven mornings with temperatures below freezing-point.

The month opened with unsettled weather generally and stormy conditions in the northern districts, where some heavy rain fell between the 1st and 4th owing to a cyclonic disturbance passing over the Dominion from the north-west to the south-east. Its centre was apparently located in the neighbourhood of the Chatham Islands on the 4th. From the latter date until the 20th, although anticyclonic pressure enveloped the country, continuous tropical depressions northwards resulted in a prevalence of cold east and south-east winds generally and frequent drizzling rains in the East Coast districts, especially of the North Island.

The West Coast, at this time, experienced fine, clear weather.

After the 25th a storm-centre to the eastward of the South Island developed considerable intensity, and accounted for strong southerly winds and showers on the East Coast, which prevailed until the 30th.

The month, on the whole, was a dry one, and, except for a few stations along the East Coast, all parts of the Dominion recorded a total rainfall much below the average.

D. C. BATES, Director.