

Government Meteorological Observatory.

METEOROLOGICAL Observations, Wellington, for the Month of April, 1914. Observations taken 9 a.m.

Altitude of Observatory, 8 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.			
1	29.760	Fah. 68.2	Fah. 57.0	Fah. 62.6	Fah. 125.6	Fah. 52.6	338	3	N.	..
2	29.809	66.6	60.4	63.5	119.6	56.8	360	5	N.W.	..
3	30.009	68.4	58.2	63.3	121.4	54.8	300	4	N.	11
4	29.729	66.6	60.2	63.4	128.2	57.8	513	3	N.W.	6
5	30.033	71.0	46.6	58.8	132.6	35.0	145	6	N.	21
6	29.869	64.0	55.2	59.6	124.8	53.2	442	10	S.	4
7	29.759	59.0	42.8	50.9	102.0	31.0	250	6	N.	37
8	29.410	62.8	56.0	59.4	113.6	51.0	502	8	N.	27
9	29.551	61.2	53.6	57.4	120.6	47.6	314	8	N.	8
10	29.712	62.6	52.0	57.3	122.6	43.6	110	3	N.E.	1
11	29.751	64.2	46.8	55.5	116.2	36.6	124	2	N.	3
12	29.760	66.8	59.2	63.0	117.6	58.2	488	6	N.	..
13	30.000	65.6	58.8	62.2	116.8	54.0	422	8	N.W.	10
14	29.821	64.2	61.0	62.6	101.2	59.2	474	10	N.W.	24
15	29.689	65.2	59.8	62.5	91.6	56.4	502	8	N.W.	13
16	29.553	63.8	53.2	58.5	122.6	48.6	356	6	N.W.	1
17	30.049	59.6	46.4	53.0	111.6	40.2	216	2	S.	..
18	30.130	59.6	50.8	55.2	111.6	44.6	204	2	N.	..
19	30.241	62.4	47.8	55.1	114.8	39.0	108	10	Calm	16
20	29.820	59.6	55.4	57.5	103.6	51.8	282	10	N.	7
21	29.689	62.4	55.2	58.8	87.6	53.2	390	10	S.	6
22	29.989	58.6	48.2	53.4	102.0	45.0	490	8	S.	..
23	30.159	50.2	48.0	49.1	107.8	45.8	366	8	N.E.	..
24	30.149	57.2	40.6	48.9	106.4	29.0	92	5	N.	18
25	30.129	63.6	54.8	59.2	112.0	50.2	112	8	N.E.	5
26	30.089	62.6	54.8	58.7	110.6	48.4	106	7	N.E.	14
27	30.063	66.2	52.8	59.5	114.2	51.6	144	10	S.E.	16
28	30.129	63.8	53.6	58.7	105.6	50.8	238	8	S.E.	..
29	30.289	59.6	52.8	56.2	90.4	51.4	344	7	S.E.	..
30	30.079	61.8	41.6	51.7	104.8	33.6	76	2	N.	8
31	..	..	..	..	..	..	..	..	..	..
*	29.907	62.9	52.8	57.8	112.0	47.7	293	6.4	..	256
†	30.044	62.7	51.2	56.8	106.5	43.9	281	..	..	402

* Means, &c. † Means previous years.

DIRECTION OF WIND.

	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
12	4	..	..	3	4	..	..	6	1

NOTE.—The weather during the month was unsettled and showery, with moderate northerly winds prevailing. Total bright sunshine, 150 h. 15 m., and no sunless days. Two frosts were recorded on the grass. Mean earth temperature at 1 ft. was 59.1°, and 60.5° at 3 ft. Mean dew-point, 50.0°; mean elastic force of vapour, 0.361 in.; and mean relative humidity, 76 per cent. of saturation.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM THE CHIEF STATIONS.

April, 1914.

Ft.	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.		
NORTH ISLAND.						
20	DARGAVILLE ..	Deg. 64.5	Deg. 70.8	Deg. 58.3	Points. 513	Dys. 13
	Dr. H. M. Levinge					
125	AUCKLAND ..	60.7	66.9	54.5	421	20
	T. F. Cheeseman					
	TE AROHA ..	56.6	67.3	45.9	604	19
	G. F. McGirr					
925	ROTORUA ..	54.5	61.9	47.1	640	19
	J. F. Robieson					
	TAURANGA ..	59.0	69.3	48.7	906	14
	C. J. Butcher					
63	NEW PLYMOUTH ..	61.1	72.4	49.9	542	17
	W. D. Fletcher					
250	MOUMAHAKI ..	56.7	63.9	49.6	556	16
	A. S. Huntington					
2080	TAIHAPE ..	51.7	58.9	44.6	395	18
	A. R. Fannin					
	PALMERSTON NORTH	56.3	65.7	47.0	497	17
	J. E. Vernon					
186	GREYTOWN ..	55.2	64.6	45.9	499	18
	W. C. Davies					
377	MASTERTON ..	55.4	66.2	44.7	468	20
	Wm. Hood					
	GISBORNE ..	58.2	67.9	48.5	439	16
	C. H. Ferris					
14	GREENMEADOWS, NA-PIER	59.4	67.6	51.3	314	7
	Very Rev. Dean Smyth					
10	WELLINGTON ..	57.8	62.9	52.8	256	21
	F. W. Simms					
SOUTH ISLAND.						
34	NELSON ..	Deg. 58.8	Deg. 65.9	Deg. 48.8	Points. 486	Dys. 17
	Rev. J. P. Kempthorne					
1218	HANMER SPA ..	51.6	61.6	41.6	335	15
	Dr. J. C. Duncan					
25	CHRISTCHURCH ..	54.7	63.6	45.9	250	13
	H. F. Skey					
42	LINCOLN ..	55.7	64.5	46.8	254	14
	G. Gray					
349	RAKAI* ..	58.7	69.5	48.0	159	7
	G. S. Hardy					
130	TIMARU ..	53.3	62.5	44.2	134	14
	Caretaker of Domain					
90	WAIMATE ..	52.5	61.3	43.7	234	11
	W. M. Hamilton					
300	DUNEDIN ..	52.2	58.9	45.5	346	14
	D. Tannock					
245	GORE ..	48.8	58.2	39.3	362	18
	H. Dolamore					
12	HOKITIKA ..	53.8	61.0	46.5	1,165	23
	F. T. Sandford					
18	INVERCARGILL ..	50.6	59.6	41.7	556	19
	L. Lennie					

* For March, 1914.

SUMMARY FOR THE MONTH OF APRIL, 1914.

The atmospheric disturbances prevailing during the month were more remarkable for their frequency than for their intensity.

On the 8th a cyclone passed in the south, and from then on until the 16th a low barometer ruled in the southern districts, culminating in boisterous conditions on the 16th and 17th.

On the 21st, and again between the 27th and 29th, a depression passed in the northern districts, causing dull and wet conditions, especially along the eastern coast.

Heavy rain fell at isolated stations in conjunction with electrical disturbances between the 24th and 27th, and also in the mountainous country between Canterbury and Westland during the first half of the month. Usually, however, frequent showers formed the striking feature of the month, but fair and mild weather was also prevalent.

With the exception of the extreme north and south of the North Island, nearly the whole of New Zealand had more than the average rainfall.

D. C. BATES, Director.