

when strong southerly winds set in. General rain fell, culminating on the 6th in very heavy falls over most of the North Island and the Nelson and Westland provinces. Some flooding was caused on the West Coast, especially at Greymouth.

On the 17th another deep depression developed in the South Tasman Sea and became cyclonic before reaching New Zealand. The centre crossed northern Otago on the evening of the 19th, and the floods mentioned above were associated with it. Southerly gales followed in its wake. In addition to the specially heavy falls described, rain was general in other districts. Snow fell on the ranges of the South Island. The weather was cold between the 20th and the 22nd, and frosts occurred at southern inland stations.

The storm of the 19th was followed by an intense anti-cyclone which did not move finally away eastward until the 25th. On this date another intense depression developed in the South Tasman Sea and caused unsettled weather until the end of the month. There were northerly gales on the 26th and 27th, especially about Cook Strait. Rain was again general with many heavy falls. The change to southerlies came on the 30th, when snow fell on the high country of the South Island and low temperatures were experienced. The 31st was still more severe, and frosts were recorded at many places. The southerlies were of gale force at many places on the 30th and 31st.

There was again a relative absence of westerly winds and a prevalence of southerlies during the month.

EDWARD KIDSON, Director.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM CHIEF STATIONS.

March, 1929.

Altitude above sea-level.	Name of Station and Observer.	Mean Temp. Air in Shade.	Extremes.		Total Rainfall (100 Points to the Inch).	Days with Rain ( $\frac{1}{4}$ Point or more).	Altitude above Sea-level.	Name of Station and Observer.	Mean Temp. Air in Shade.	Extremes.		Total Rainfall (100 Points to the Inch).	Days with Rain ( $\frac{1}{4}$ Point or more).
			Mean Max. Temp.	Mean Min. Temp.						Mean Max. Temp.	Mean Min. Temp.		
Ft.	NORTH ISLAND.	Deg.	Deg.	Deg.	Points.		Ft.	NORTH ISLAND.— <i>ctd.</i>	Deg.	Deg.	Deg.	Points.	
225	WAIPOUA, DONNELLY'S CROSSING E. Newton	65.2	73.5	56.9	512	13	186	GREYTOWN W. Allan	62.6	72.9	52.3	213	10
65	RIVERHEAD W. J. McKibbon	64.0	72.6	55.5	496	17	415	WELLINGTON	59.8	65.5	54.2	492	13
152	AUCKLAND H. M. Vincent	66.8	72.1	61.5	562	16		SOUTH ISLAND.					
131	RUAKURA FARM, HAMILTON EAST A. Stuart	63.6	74.0	53.2	460	9	34	NELSON O. B. Pemberton	61.8	69.9	53.7	544	10
..	CAMBRIDGE H. Sturgeon	63.9	73.7	54.2	498	13	743	BALMORAL, CULVERDEN D. D. Dunn	59.3	70.2	48.4	252	11
211	MATAMATA W. Halligan	63.8	74.1	53.5	371	9	1220	HANMER SPRINGS W. Montgomery	58.2	69.2	47.2	274	14
46	TE AROHA C. E. Christensen	67.2	77.4	57.1	411	11	25	CHRISTCHURCH H. F. Skey	57.5	64.8	50.2	349	11
340	WAIHI F. Haszard	65.6	73.3	57.9	983	14	42	LINCOLN D. J. Sidey	57.9	66.5	49.4	312	11
100	TAURANGA Miss K. Butcher	64.0	74.0	54.0	468	12	1220	LAKE COLERIDGE H. E. M. Hart	58.8	69.3	48.3	313	10
925	ROTORUA G. R. Ewing	62.8	71.0	54.6	588	9	1200	"RUDSTONE," METHVEN James Carr	56.7	65.5	47.9	342	13
1000	ROTORUA NURSERY, WHAKAREWAREWA W. T. Morrison	62.1	71.6	52.7	604	13	323	ASHBURTON H. P. Clayton	57.7	66.4	49.0	247	12
60	NEW PLYMOUTH G. H. Dolby	62.7	69.2	56.3	469	15	1000	FAIRLIE J. Fraser	56.0	68.0	44.1	374	10
2125	KARIOI H. E. Fache	55.1	66.3	44.0	250	8	2510	THE HERMITAGE, MOUNT COOK C. C. Woolley	..	..	..	..	..
2080	TAIHAPE A. R. Fannin	58.5	66.5	50.5	242	15	2350	LAKE TEKAPO R. R. Beauchamp	55.7	67.5	43.9	306	7
100	PALMERSTON NORTH J. A. Colquhoun	63.0	71.3	54.7	257	13	56	TIMARU Caretaker of Domain	57.6	66.1	49.2	362	10
..	MASSEY AGRIC. COL., PALMERSTON N. I. P. E. Sulser	62.0	70.4	53.7	300	14	200	WAIMATE F. Akhurst	56.7	66.0	47.4	502	14
8	TANGIMOANA E. Belworthy	61.8	71.6	52.1	269	15	1550	SANATORIUM, WAIPIATA Dr. A. Kidd	55.4	67.3	43.5	265	9
119	CENTRAL DEVELOPMENT FARM, WERAROA J. E. Sharp	60.9	68.6	53.2	565	15	1000	OPHIR Rev. A. Don	56.2	69.1	43.4	215	6
5	NAPIER R. Thomas	64.1	71.3	56.9	381	16	..	MANORBURN DAM J. C. Buchanan	50.8	61.7	39.9	237	7
45	HASTINGS H. N. Fowler	62.5	72.7	52.3	301	8	520	ALEXANDRA Geo. Smith	58.1	69.5	46.7	102	6
384	MANGAMUTU, PAHIATUA A. W. Hamilton	60.7	70.4	51.1	289	14	300	DUNEDIN D. Tannock	56.2	65.0	47.5	747	14
377	MASTERTON R. Brown	62.1	73.1	51.2	186	13	245	GORE A. T. Newman	..	..	..	..	..
							12	HOKITIKA J. A. Chesney	58.2	65.6	50.9	1190	18
							12	INVERCARGILL L. Lennie	54.2	62.5	46.0	436	21