

The month began with a series of small and irregular depressions operating over the Dominion. By the 4th these had moved off to the eastward, where they increased in depth. This condition persisted practically continuously until the 12th, there being only slight fluctuations, due to pressure waves moving from the westward. Strong southerly winds prevailed, and gale force was experienced at times in many places. The 7th was a particularly unpleasant day, snow being very widespread on the high country of both Islands, and extending to the low levels in the South Island. Snow and hail were, indeed, of frequent occurrence in some part or other of the Dominion throughout this period. On the 10th, Gisborne had its first fall of snow for many years. Precipitation was heavy in Canterbury and Otago, and there were considerable losses of lambs.

During the 14th and 15th a rather deep depression moved past the Dominion from the westward, its centre crossing Foveaux Strait. On the 16th a cyclone developed in the northward extension of this depression, and crossed the Auckland Peninsula during the night. Between the 14th and the 17th rain was experienced in practically all parts of the country. The eastern districts of the North Island recorded heavy falls on the 16th and 17th.

The above-mentioned storm passed away gradually, and from the 23rd to the 29th a series of depressions of the westerly type followed one another across the Tasman Sea and New Zealand. It was during this interval that the west coast of the South Island received most of its rainfall for the month. The mild temperatures brought by the westerlies were a very welcome change. The last of this series of depressions passed on the 29th, and was followed by severe southerly gales which continued until the 1st October. In the North Island and Nelson the 29th was a very bitter day with frequent hail storms, but on the east coast the 30th and the 1st October were more severe. In addition to the widespread hail storms, there were heavy snowfalls on the ranges.

EDWARD KIDSON, Director.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM CHIEF STATIONS.
September, 1930.

Altitude above Sea-level.	Name of Station and Observer.	Extremes.		Total Rainfall (100 Points to the Inch).	Days with Rain (‡ Point or more).	Altitude above Sea-level.	Name of Station and Observer.	Extremes.		Total Rainfall (100 Points to the Inch).	Days with Rain (‡ Point or more).		
		Mean Temp. Air in Shade.	Mean Max. Temp.					Mean Min. Temp.	Mean Temp. Air in Shade.			Mean Max. Temp.	Mean Min. Temp.
NORTH ISLAND.						SOUTH ISLAND.							
Ft.		Deg.	Deg.	Deg.	Points.	Ft.		Deg.	Deg.	Deg.	Points.		
225	WAIPOUA, DONNELLY'S CROSSING D. Grant	50.8	58.4	43.3	726	26	34	NELSON	48.2	57.2	39.3	149	7
65	RIVERHEAD W. J. McKibbin	50.6	58.5	42.7	610	24	..	O. B. Pemberton GOLDEN DOWNS, NELSON Forest Ranger	46.0	57.3	34.8	363	11
152	AUCKLAND H. M. Vincent	53.5	59.7	47.3	471	25	1220	HANMER SPRINGS .. H. Roche	42.4	51.5	33.2	467	16
340	WAIHI M. F. Haszard	50.0	59.1	40.8	476	21	743	BALMORAL, CULVERDEN.. W. Staveley	44.6	53.3	35.9	158	12
46	TE AROHA C. E. Christensen	51.2	61.3	41.1	498	21	12	HOKITIKA J. A. Chesney	47.4	55.6	39.3	803	16
100	TAURANGA Miss K. Butcher	48.4	60.4	36.4	300	19	1220	LAKE COLERIDGE .. H. E. M. Hart	44.2	53.2	35.2	302	13
131	RUAKURA FARM, HAMILTON EAST G. K. McPherson	49.4	60.2	38.6	288	21	1200	"RUDSTONE," METHVEN James Carr	43.0	50.7	35.3	473	18
..	CAMBRIDGE H. Sturgeon	49.1	60.0	38.2	395	15	25	CHRISTCHURCH .. H. F. Skey	45.7	52.5	38.9	224	14
925	ROTOBUA G. R. Ewing	47.7	57.2	38.2	295	12	42	LINCOLN M. C. Franklin	45.8	52.5	38.9	312	14
1000	ROTOBUA NURSERY, WHAKAREWAREWA W. T. Morrison	47.4	58.5	36.3	288	14	2510	THE HERMITAGE, MOUNT COOK G. G. Woolley	40.5	49.4	31.6	654	9
60	NEW PLYMOUTH .. G. H. Dolby	50.8	57.5	44.0	402	18	323	ASHBURTON H. P. Clayton	44.5	52.4	36.6	400	14
3670	CHA TEAU TONGARIRO, NATIONAL PARK A. T. Salmon	37.4	45.0	29.8	604	13	2350	LAKE TEKAPO Miss D. C. Trott	39.7	47.4	32.0	325	13
2125	KARIOI S. Trask	42.7	51.3	34.1	446	18	1000	FAIRLIE D. Jeune	43.3	53.3	33.3	292	13
5	NAPIER R. Thomas	50.4	57.1	43.7	362	14	56	TIMARU Caretaker of Domain	45.0	51.5	38.5	243	14
45	HASTINGS H. N. Fowler	48.8	58.2	39.3	310	16	200	WAIMATE F. Akhurst	45.6	53.5	37.8	301	15
2080	TAIHAPE A. R. Fannin	43.1	50.0	36.2	393	20	1110	QUEENSTOWN H. O. Barker	43.8	51.1	36.4	269	15
8	TANGIMOANA G. W. Braddell	48.8	57.7	40.0	136	11	1000	OPHIR Rev. A. Don	44.3	53.8	34.8	123	12
100	PALMERSTON NORTH .. E. J. Werry	48.2	55.6	40.8	229	17	1550	SANATORIUM, WAIPI- ATA Dr. A. Kidd	42.4	50.9	34.0	219	15
..	MASSEY AGR. COL., PAL- MERSTON NORTH L. Whelan	47.8	55.5	40.1	242	17	520	ALEXANDRA Geo. Smith	46.2	54.5	37.8	86	11
384	MANGAMUTU, PAHIATUA.. A. W. Hamilton	48.2	57.1	39.3	407	18	..	MANORBURN DAM	37.9	45.3	30.5	221	18
44	KAPITI ISLAND A. S. Wilkinson	45.6	54.5	36.7	213	19	300	DUNEDIN D. Tannock	45.8	51.8	39.9	398	18
377	MASTERTON Miss R. Robinson	47.6	55.0	40.2	311	18	245	GORE A. T. Newman
415	WELLINGTON	47.5	52.7	42.4	482	19	12	INVERCARGILL L. Lennie	46.2	54.0	38.4	282	21