

Numbers of thunderstorms occurred on the 18th in association with the passage of a westerly depression, which brought very low pressures and westerly gales to the far South. These storms were particularly severe in north Taranaki (where at one station a cow was electrocuted), and at Murchison. Following this depression there was a severe cold snap, with snow again in many parts of the South Island. Some was seen, also, on the hills near Wellington. On the 21st a cyclone, coming from the North, appeared to the north-east of East Cape. South-easterly gales were experienced in parts of the North Island and more snow fell in the South Island. The most severe period of the cold snap—from the 20th to the 22nd—became later the further northward one proceeded. A very severe frost was felt in the Auckland and Thames districts on the 22nd, and great damage was done to potato and tomato plants.

A fine interval followed, but between the 24th and the 27th a series of cyclones moved from the Tasman Sea across the Dominion. Southerly gales set in from Cook Strait southwards on the 27th while the last centre was crossing the Auckland Peninsula. A cold snap, reminiscent of that of a week previous, resulted. Snowfalls were again reported from the South Island and hail in places. There was considerable mortality amongst lambs in Canterbury. Thereafter mild and fair conditions developed.

EDWARD KIDSON, Director.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM CHIEF STATIONS.

September, 1929.

Altitude above sea-level.	Name of Station and Observer.	Extremes.			Total Rainfall (100 Points to the inch.)	Days with Rain (½ Point or more.)	Altitude above Sea-level.	Name of Station and Observer.	Extremes.			Total Rainfall (100 Points to the inch.)	Days with Rain (½ 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.		
	<b>NORTH ISLAND.</b>												
225	WAIPOUA, DONNELLY'S CROSSING	50.4	58.4	42.5	347	18	..	<b>SOUTH ISLAND.</b>					
	D. Grant						34	GOLDEN DOWNS, NELSON	44.6	55.0	34.2	438	9
65	RIVERHEAD ..	50.3	59.4	41.2	277	18		J. P. McEnany					
	W. J. McKibbin						743	NELSON ..	49.2	58.5	39.9	378	5
152	AUCKLAND ..	53.2	59.9	46.6	236	16		O. B. Pemberton					
	H. M. Vincent						743	BALMORAL, CULVERDEN	46.9	58.9	34.9	194	9
131	R U A K U R A F A R M, HAMILTON EAST	48.8	60.4	37.2	221	16	1220	HANMER SPRINGS ..	46.8	57.1	36.6	539	14
	A. Stuart							H. Roche					
..	CAMBRIDGE ..	49.3	60.4	38.2	228	14	25	CHRISTCHURCH ..	47.1	56.5	37.7	140	12
	H. Sturgeon							H. F. Skey					
211	MATAMATA ..	48.3	60.6	36.1	189	11	42	LINCOLN ..	47.9	58.0	37.8	168	11
	W. Halligan							D. J. Sidey					
46	TE AROHA ..	51.8	62.2	41.5	197	12	1220	LAKE COLERIDGE ..	47.2	59.1	35.4	374	14
	C. E. Christensen							H. E. M. Hart					
340	WAIHI ..	50.3	60.1	40.6	272	14	1200	"RUDSTONE," METHVEN	46.3	55.6	37.1	467	15
	F. Haszard							James Carr					
100	TAURANGA ..	48.4	60.4	36.4	252	12	323	ASHBURTON ..	46.9	57.9	35.9	230	12
	Miss K. Butcher							H. P. Clayton					
925	ROTORUA ..	47.6	57.7	37.6	220	9	1000	FAIRLIE ..	43.9	56.6	31.2	341	9
	G. R. Ewing							J. Fraser					
1000	ROTORUA NURSERY, WHAKAREWAREWA	47.3	58.8	35.8	189	11	2510	THE HERMITAGE, MOUNT COOK	*	*	*	*	*
	W. T. Morrison							J. A. Steadman					
60	NEW PLYMOUTH ..	50.6	57.4	43.8	419	18	2350	LAKE TEKAPO ..	*	*	*	*	*
	G. H. Dolby							Miss D. C. Trott					
2125	KARIOI ..	42.6	52.5	32.7	461	12	56	TIMARU ..	47.1	57.0	37.2	65	9
	S. Trask							Caretaker of Domain					
2080	TAIHAPE ..	43.1	50.8	35.4	233	16	200	WAIMATE ..	46.0	56.7	35.3	56	7
	A. R. Fannin							F. Akhurst					
100	PALMERSTON NORTH ..	50.0	58.4	41.6	271	16	1550	SANATORIUM, WAIPIATA	43.5	53.9	33.1	88	9
	J. A. Colquhoun							Dr. A. Kidd					
..	MASSEY AGRI. COL., PALMERSTON NORTH	48.2	57.0	39.4	296	16	1000	OPHIR ..	44.1	55.1	33.1	117	8
	L. Whelan							Rev. A. Don					
8	TANGIMOANA ..	†	59.0	†	260	10	..	MANORBURN DAM	38.6	47.4	29.8	108	12
	E. Belworthy							J. C. Buchanan					
119	LEVIN ..	†	60.6	†	933	13	520	ALEXANDRA ..	45.6	55.9	35.3	79	7
	H. A. Donaldson							Geo. Smith					
44	KAPITI ISLAND ..	47.3	55.8	38.8	292	8	300	DUNEDIN ..	47.8	56.6	39.0	199	15
	A. S. Wilkinson							D. Tannock					
5	NAPIER ..	51.1	59.6	42.7	101	9	245	GORE ..	..	..	..	..	..
	R. Thomas							A. T. Newman					
45	HASTINGS ..	48.4	60.8	36.0	82	9	12	HOKITIKA ..	47.0	54.9	39.0	658	19
	H. N. Fowler							J. A. Chesney					
384	MANGAMUTU, PAHIATUA	47.9	57.7	38.2	325	16	12	INVERCARGILL	47.3	56.1	38.6	403	23
	A. W. Hamilton							L. Lennie					
377	MASTERTON ..	47.7	58.7	36.7	264	13		LATE RETURNS.					
	R. Brown						119	LEVIN, August, 1929	†	55.1	†	1206	17
186	GREYTOWN ..	48.3	59.1	37.6	351	12	384	MANGAMUTU, PAHIATUA, August, 1929	45.4	54.2	36.6	460	19
	W. Allan												
415	WELLINGTON ..	48.4	54.5	42.3	329	13	743	BALMORAL, CULVERDEN, July, 1929	39.0	48.0	30.0	273	11
							743	BALMORAL, CULVERDEN, August, 1929	41.7	51.8	31.7	334	14
							..	MANORBURN DAM, August, 1929	34.6	42.7	26.6	30	8

\* Incomplete

† Unreliable.