

A second and rather similar series of depressions in the middle of the month caused heavy rains over most of the North Island, especially on the 15th. On this day a very sudden and severe flood occurred in Auckland City.

The wettest period in the month commenced in a similar way on the 19th and continued till the 24th. On the 22nd the rains were general and the greater part of the country recorded very heavy falls. Portions of the eastern districts of the South Island, however, again escaped lightly. On the 19th Hokitika had the worst flood it had ever recorded. The same fate was experienced by Taranaki and parts of North Auckland on the 22nd. The heavy rains during this period were associated with a strong invasion of cold air from the south which forced up the warm and damp air over the Dominion, causing it to drop a large part of its moisture.

High pressures again ruled to the east of the Dominion throughout most of the month, but there was a considerable fall on the 15th and again on the 23rd in association with the disturbances which produced the most rainfall.

From the 8th to the 12th the Cook Islands experienced continuous gales which frequently rose to hurricane force. These were associated with two tropical cyclones of which the second was the more violent. The storms were unusually extensive, and this accounted for the persistence of the gales. Very serious damage resulted.

EDWARD KIDSON, Director.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM CHIEF STATIONS.

February, 1935.

Altitude above Sea-level.	Name of Station and Observer.	Mean Temp. Air in Shade.	Extremes.				Days with Rain (½ Point or more).	Altitude above Sea-level.	Name of Station and Observer.	Mean Temp. Air in Shade.	Extremes.				Days with Rain (½ Point or more).
			Mean Max. Temp.	Mean Min. Temp.	Total Rainfall (100 Points to the Inch).	Points.					Mean Max. Temp.	Mean Min. Temp.	Total Rainfall (100 Points to the Inch).	Points.	
Ft.	NORTH ISLAND.	Deg.	Deg.	Deg.	Points.		Ft.	SOUTH ISLAND.	Deg.	Deg.	Deg.	Points.			
200	TE PAKI, TE HAPUA .. R. J. Harrison	68.2	76.1	60.4	683	16	24	NELSON .. O. B. Pemberton	67.2	75.0	59.4	296	9		
225	WAIPOUA STATE FOREST A. D. McKinnon, B.Sc.	68.2	76.9	59.6	1156	18	57	APPLEBY, NELSON .. W. J. Biggar	66.7	75.0	58.4	281	8		
110	RIVERHEAD .. J. Johnson	67.8	76.7	59.0	810	14	60	BLENHEIM .. P. J. Galliers	67.8	78.0	57.5	48	7		
160	AUCKLAND .. S. M. Yallop	70.4	76.6	64.2	962	11	860	WAIHOPAI, BLENHEIM .. J. Stanwell	65.5	75.9	55.1	251	12		
404	WAIHI .. M. F. Haszard	66.8	75.3	58.2	928	12	800	GOLDEN DOWNS, NELSON Forest Ranger	63.8	75.7	51.9	297	9		
46	TE AROHA .. C. E. Christensen	70.7	81.4	60.0	709	14	1225	HANMER SPRINGS .. H. Roche	63.0	75.8	50.3	385	15		
100	TAURANGA .. Miss K. L. Butcher	68.4	77.4	59.3	369	13	743	BALMORAL, CULVERDEN .. J. E. Fletcher	..	..	..	..	..
131	RUAKURA FARM, HAMILTON EAST E. H. Arnold	69.8	81.3	58.4	429	14	12	HOKITIKA .. J. A. Chesney	65.3	73.9	56.7	1116	9		
230	CAMBRIDGE .. E. McDonnell	69.8	80.6	58.9	785	15	1220	LAKE COLERIDGE .. H. E. M. Hart	63.3	73.4	53.2	282	10		
925	ROTORUA .. W. E. Penno	67.8	76.7	58.8	596	16	1200	"RUDSTONE," MERTHVEN James Carr	62.8	71.8	53.7	452	14		
1000	ROTORUA NURSERY, WHA- KAREWAREWA W. T. Morrison	66.4	75.4	57.3	613	14	22	CHRISTCHURCH .. H. F. Skey	63.5	70.3	56.7	104	12		
60	NEW PLYMOUTH .. G. H. Dolby	68.6	76.7	60.5	947	9	36	LINCOLN .. D. J. Sidey	63.8	71.8	55.8	109	12		
3670	CHATEAU TONGARIRO, NATIONAL PARK W. J. Stevens	..	..	..	..	..	2510	THE HERMITAGE, MOUNT COOK C. Elms	61.4	72.5	50.2	1143	7
2125	KAROI .. L. H. Bailey	60.6	72.3	48.9	619	14	323	ASHBURTON .. H. P. Clayton	63.2	71.8	54.5	246	11		
5	NAPIER .. T. R. Hutton	67.6	73.8	61.5	587	12	2350	LAKE TEKAPO .. Miss D. C. Trott	62.3	75.5	49.1	144	7		
45	HASTINGS .. H. N. Fowler	67.8	77.0	58.7	428	16	1000	FAIRLIE .. C. Searle	61.6	72.1	51.0	242	8		
2157	TAIHAPE .. A. R. Fannin	63.0	71.9	54.1	550	12	56	TIMARU .. A. W. Anderson	63.2	70.7	55.8	230	10		
8	TANGIMOANA .. G. W. Braddell	67.1	76.3	57.9	417	5	200	WAIMATE .. F. Akhurst	62.8	72.3	53.4	175	12		
100	PALMERSTON NORTH .. E. J. Werry	68.8	78.2	59.4	600	8	20	MILFORD SOUND J. B. Cormack	62.8	71.7	53.9	799	9		
110	MASSEY AGRIC. COL., PAL- MERSTON NORTH Meteorological Observer	..	77.2	..	575	9	1110	QUEENSTOWN .. F. W. Bailey	65.2	76.6	53.7	192	6		
384	PAHIATUA .. A. W. Hamilton	66.5	77.0	56.0	364	12	1000	OPHIR .. H. J. Sandle	64.6	78.2	51.1	252	9		
44	KAPITI ISLAND .. R. J. Wilkinson	67.4	74.1	60.6	290	8	1550	SANATORIUM, WAIPIATA .. Dr. A. Kidd	62.4	74.4	50.5	208	9		
387	MASTERTON .. Miss R. Robinson	66.6	76.6	56.6	368	14	520	ALEXANDRA .. Geo. Smith	66.2	77.9	54.6	140	7		
415	WELLINGTON ..	65.7	72.4	59.0	340	9	2448	MANORBUEN DAM .. S. Wragge	59.8	71.1	48.4	81	8		
							240	DUNEDIN .. D. Tannock	61.1	69.1	53.1	240	11		
							245	GORE .. A. T. Newman	..	..	..	..	..
							12	INVERCARGILL .. L. Lennie	61.6	71.8	51.4	153	10		
								LATE RETURNS.							
							230	CAMBRIDGE, Dec., 1934	62.8	79.2	46.4	255	6		
								" Jan., 1935	66.6	82.1	51.2	124	8		