

A second deep cyclone developed in the New Hebrides on the 6th, and by the 12th was centred east of Norfolk Island. H.M.S. "Diomedé" experienced severe weather while passing through it on the way to the Tonga Islands. On the following day, again at the critical stage for New Zealand, it commenced to fill up rapidly, and by the 14th had petered out. It therefore affected only the northern and north-eastern portions of the North Island.

During the 8th and 9th widespread rain was caused by a double westerly depression. The falls were very heavy in the North Island, and many thunderstorms were reported.

The outstanding feature of the month, however, was a very intense anticyclone which covered the whole of Australia, practically continuously, from the 12th to the 26th. Anticyclones of this type are not unusual in the autumn, but seldom occur so early as this. The consequence of this high pressure to the westward was that New Zealand experienced a severe spell of westerly weather. From the 14th to the 27th there was scarcely a day without strong and squally winds from a westerly quarter. They were especially boisterous in the ranges, the night of the 18th to 19th and the 23rd being the roughest periods. On the 23rd a very deep depression crossed the Dominion, and the strong southerly winds which followed it brought a severe cold snap. On this day and the next there was heavy snow in the ranges, and many places experienced hail showers. The whole period was a very wet one for districts with a westerly aspect.

Thunderstorms occurred in some part of the country on the 18th, 19th, and 21st to 23rd. A small tornado was reported from near Opotiki on the 22nd.

From the 28th to the 30th finer weather was experienced.

EDWARD KIDSON, Director.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM CHIEF STATIONS.
April, 1933.

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 (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 (4 Point or more).
		Deg.	Deg.	Max. Temp. Deg.	Min. Temp. Deg.					Deg.	Deg.	Points.	Points.		
NORTH ISLAND.								SOUTH ISLAND.							
200	TE PAKI, TE HAPUA ..	..	..	..	..	..	..	24	NELSON ..	55.2	64.5	45.9	303	7
	B. H. Morrison								O. B. Pemberton						
225	WAIPOUA, DONNELLY'S CROSSING	59.0	68.1	50.0	486	13		57	APPELEBY, NELSON ..	55.0	64.0	46.1	148	8	
	A. Bodle								W. J. Biggar						
110	RIVERHEAD ..	58.3	66.7	49.9	413	16			BLenheim ..	57.6	68.7	46.6	252	9	
	J. Johnson								P. J. Galliers						
160	AUCKLAND ..	61.8	68.2	55.5	239	16		860	WAIHOPAI, BLENHEIM ..	54.8	63.7	45.8	258	7	
	S. M. Yallop								J. Stanwell						
404	WAIHI ..	57.6	66.0	49.3	418	14		800	GOLDEN DOWNS, NELSON	51.8	61.7	41.9	355	9	
	M. F. Haszard								Forest Ranger						
46	TE AROHA ..	59.8	69.3	50.2	336	15		1225	HANMER SPRINGS ..	51.4	61.9	40.8	357	14	
	C. E. Christensen								H. Roche						
100	TAURANGA ..	58.4	67.7	49.2	239	11		743	BALMORAL, CULVERDEN ..	53.4	63.0	43.9	274	14	
	Miss K. Butcher								J. E. Fletcher						
131	R U A K U R A F A R M, HAMILTON EAST	56.8	67.7	45.9	393	15		12	HOKITIKA ..	52.2	58.8	45.7	1111	20	
	G. K. McPherson								J. A. Chesney						
230	CAMBRIDGE ..	..	..	..	..	..		1220	LAKE COLERIDGE ..	51.4	60.8	42.0	476	14
	H. McArthur								H. E. M. Hart						
925	ROTORUA ..	55.8	64.4	47.1	354	12		1200	"RUDSTONE," METHVEN	52.1	60.0	44.2	295	14	
	W. E. Penno								James Carr						
1000	ROTORUA NURSERY, WHAKAREWAREWA	54.6	66.3	43.0	347	11		22	CHRISTCHURCH ..	53.7	63.7	43.7	75	11	
	W. T. Morrison								H. F. Skey						
617	ONGARUE ..	53.5	63.7	43.3	643	16		36	LINCOLN ..	53.8	64.8	42.8	52	7	
	D. J. Gardiner								E. W. Hullett						
60	NEW PLYMOUTH ..	58.2	65.1	51.4	375	17		2510	THE HERMITAGE, MOUNT COOK	46.0	53.5	38.5	3296	20	
	G. H. Dolby								C. Elms						
3670	CHATEAU TONGARIRO, NATIONAL PARK	43.5	50.9	36.1	1339	21		323	ASHBURTON ..	52.2	63.0	41.3	85	11	
	F. B. Duff								H. P. Clayton						
2125	KARIOI ..	48.9	59.1	38.7	505	17		2350	LAKE TEKAPO ..	48.0	56.7	39.3	295	11	
	L. H. Bailey								Miss D. C. Trott						
5	NAPIER ..	59.3	68.2	50.4	134	5		1000	FAIRLIE ..	..	..	..	..	..
	T. R. Hutton								C. Searle						
45	HASTINGS ..	57.6	70.2	44.9	85	8		56	TIMARU ..	52.6	62.7	42.6	83	9	
	H. N. Fowler								A. W. Anderson						
2157	TAIHAPE ..	52.0	59.9	44.2	369	17		200	WAIMATE ..	51.3	62.0	40.6	105	10	
	A. R. Fannin								F. Akhurst						
8	TANGIMOANA ..	57.1	64.1	50.1	325	12		1110	QUEENSTOWN ..	49.0	56.2	41.8	675	17	
	G. W. Braddell								F. W. Bailey						
100	PALMERSTON NORTH ..	56.2	63.6	48.8	489	17		1000	OPHIR ..	48.6	57.5	39.6	295	11	
	E. J. Werry								Rev. A. Don						
110	MASSEY AGRIC. COL., PALMERSTON NORTH	55.6	63.3	48.4	495	17		1550	SANATORIUM, WAIPIATA ..	47.6	57.0	38.3	262	13	
	Meteorological Observer								Dr. A. Kidd						
384	PAHIATUA ..	55.4	63.3	47.4	665	17		520	ALEXANDRA ..	50.0	59.2	40.7	225	12	
	A. W. Hamilton								Geo. Smith						
44	KAPITI ISLAND ..	57.4	62.5	52.2	364	13		2448	MANORBURN DAM ..	42.4	51.2	33.6	368	14	
	A. S. Wilkinson								S. Wragge						
387	MASTERTON ..	56.6	66.7	46.5	423	14		240	DUNEDIN ..	50.8	58.8	42.9	412	17	
	Miss R. Robinson								D. Tannock						
415	WELLINGTON ..	56.6	62.2	50.9	407	11		245	GORE ..	48.5	58.0	39.0	663	20	
									A. T. Newman						
								12	INVERCARGILL ..	50.3	56.8	43.8	796	24	
									L. Lennie						
									LATE RETURNS.						
								1000	FAIRLIE ..						
									January, 1933	61.2	75.4	47.0	482	14	
									February, 1933	60.6	74.2	47.1	115	9	
									March, 1933	57.9	73.6	42.2	49	6	