

A most interesting phenomenon associated with the strong winds between the 6th and 8th was that they transported enormous quantities of dust from Australia. Deposits of varying thickness were reported from almost all districts south from New Plymouth and Napier. In Otago and Southland the deposition occurred mainly on the 6th, and was particularly heavy. Snow on the mountains was tinted to a pale chocolate colour. The time of arrival of the dust clouds became later and later as the distance from the southern extremity increased. Dust transported from Australia has been noted previously in New Zealand, but on this occasion the phenomenon was on a far greater scale and a special investigation of it is being undertaken.

First northerly, and then southerly gales were associated with an intense depression which crossed the Dominion on the 13th. Hail fell in places, and the ranges of the South Island received falls of snow.

From the 21st to the 26th and during the last three days of the month the weather was controlled by intense cyclonic disturbances. Except on the 28th, conditions were extremely unsettled, with general rains. South to south-east gales and very cold weather occurred at many places on the 30th and 31st. Heavy rains fell in the East Coast districts, and there was some flooding in the North Island and in Canterbury North and Marlborough. In the Manawatu and Wairarapa districts the floods assumed serious proportions, and much of the low-lying country was under water. The cold temperatures were responsible for some losses of shorn sheep.

EDWARD KIDSON, Director.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM CHIEF STATIONS.

October, 1928.

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 (½ 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 (½ Point or more).
			Mean Max. Temp.	Mean Min. Temp.						Mean Max. Temp.	Mean Min. Temp.		
Ft.	NORTH ISLAND.	Deg.	Deg.	Deg.	Points.		Ft.	SOUTH ISLAND.	Deg.	Deg.	Deg.	Points.	
225	WAIPOUA, DONNELLY'S CROSSING E. Newton	54.7	64.0	45.4	620	19	34	NELSON .. O. B. Pemberton	54.5	62.5	46.6	456	17
65	RIVERHEAD .. W. J. McKibbon	..	64.4	*	550	16	..	BALMORAL, CULVERDEN D. D. Dunn	52.5	61.7	43.4	402	13
152	AUCKLAND .. H. M. Vincent	57.8	64.1	51.6	524	23	1220	HANMER SPRINGS .. W. Montgomery	..	*	*	1158	17
131	R U A K U R A FARM, HAMILTON EAST A. Stuart	53.8	64.0	43.7	625	17	25	CHRISTCHURCH .. H. F. Skey	54.4	63.0	45.8	227	12
..	CAMBRIDGE .. H. Sturgeon	54.5	64.5	44.6	728	16	42	LINCOLN .. D. J. Sidey	54.3	63.8	44.8	205	11
211	MATAMATA .. W. Halligan	54.0	64.9	43.1	882	17	1200	LAKE COLERIDGE .. H. E. M. Hart	52.3	60.9	43.7	628	18
46	TE AROHA .. C. E. Christensen	56.6	66.7	46.5	676	16	323	"RUDSTONE," METHVEN James Carr	51.2	58.3	44.1	748	18
340	WAIHI .. F. Haszard	54.9	63.9	46.0	817	16	1000	ASHBURTON .. H. P. Clayton	52.3	61.6	43.1	401	15
100	TAURANGA .. Miss K. Butcher	54.4	66.1	42.7	1061	18	2510	FAIRLIE .. J. Fraser	44.1	52.1	36.2	3928	22
925	ROTORUA .. G. R. Ewing	53.1	62.5	43.8	1184	16	2350	THE HERMITAGE, MOUNT COOK C. C. Woolley	..	..	..	..	..
1000	ROTORUA NURSERY, WHAKAREWAREWA W. T. Morrison	52.6	63.9	41.3	1126	19	56	LAKE TEKAPO .. R. R. Beauchamp	52.8	61.2	44.5	175	16
60	NEW PLYMOUTH .. G. H. Dolby	54.0	60.0	48.0	597	21	200	TIMARU .. Caretaker of Domain	52.5	61.7	43.4	223	17
2125	KARIOI .. H. E. Fache	47.7	58.7	36.8	575	12	1550	WAIMATE .. F. Akhurst	48.7	57.8	39.7	318	19
2080	TAIHAPE .. A. R. Fannin	49.4	57.1	41.8	570	22	1000	SANATORIUM, WAIPIATA Dr. A. Kidd	50.8	60.5	41.1	331	16
100	PALMERSTON NORTH J. A. Colquhoun	55.0	62.0	48.0	550	20	520	OPHIR .. Rev. A. Don	52.6	60.8	44.5	225	16
..	MASSEY AGRIC. COL., PALMERSTON N. I. P. E. Sulser	55.1	62.3	47.9	630	23	300	ALEXANDRA .. Geo. Smith	51.2	59.0	43.5	580	20
8	TANGIMOANA .. E. Belworthy	56.0	64.7	47.3	503	17	142	DUNEDIN .. D. Tannoek	52.2	57.9	46.5	503	18
119	CENTRAL DEVELOPMENT FARM, WERAROA J. E. Sharp	55.0	61.4	48.6	442	18	245	BURNSIDE, DUNEDIN P. W. Piper	..	..	..	..	..
5	NAPIER .. Chas. L. Thomas	57.5	65.4	49.7	304	13	12	GORE .. A. T. Newman	52.5	58.9	45.6	1521	23
45	HASTINGS .. H. N. Fowler	55.0	66.2	43.9	244	9	12	HOKITIKA .. J. A. Chesney	51.8	59.5	44.1	666	24
384	M A N G A M U T U, PAHIATUA A. W. Hamilton	54.5	62.3	46.7	751	24							
377	MASTERTON .. R. Brown	55.0	63.6	46.5	587	18	2510	THE HERMITAGE, MOUNT COOK September, 1928 ..	38.6	46.1	31.2	1811	19
186	GREYTOWN .. W. Allan	56.1	65.0	47.3	502	15	1000	OPHIR September, 1928 ..	45.8	57.2	34.4	41	7
415	WELLINGTON ..	53.7	58.8	48.7	532	16							

LATE RETURNS.

\* Thermometer out of order.