

From the 19th to the 27th the pressure systems were much more slowly-moving and irregular in form. They culminated in a rather shallow cyclone which crossed North Auckland on the 25th. Useful rains fell, especially in the northern half of the North Island. Temperatures were unusually warm for the time of year.

During the last three days the westerly type of weather again became established. The persistent westerlies were responsible for frequent rains throughout the month in western districts of the South Island, but to the northward the amounts fell off rapidly, and eastern districts were, of course, to a large extent shielded from the rains.

EDWARD KIDSON, Director.

CLIMATOLOGICAL TABLE.

SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR OCTOBER, 1936.

Station.	Height of Station above M.S.L.	Air Temperatures in Degrees (Fahrenheit).								Rainfall in Inches.				Bright Sunshine (Hours).	
		Means of		Mean of A and B.	Difference from Normal.	Absolute Maximum and Minimum.				Total Fall.	No. of Wet Days.	Difference from Normal.	Most in a Day.		
		A Max.	B Min.			Maximum.	Date.	Minimum.	Date.				Amount.		Date.
	Ft.	°F.	°F.	°F.	°F.	°F.	°F.		In.		In.	In.			
Te Pahi, Te Hapua	200	..	..	..	..	..	..	..	..	..	..	..	..	..
Waipoua State Forest	225	64.6	48.8	56.4	(+1.5)	74.0	30	36.0	6	5.51	18	..	2.31	23	
Riverhead	105	64.1	48.3	56.2	(+2.6)	72.0	30	32.0	6, 12	2.85	14	..	0.60	23	
Auckland	160	..	..	..	..	..	..	..	..	..	..	..	..	..
Waihi	404	64.6	50.2	57.4	+1.7	74.0	29	36.0	12	6.30	11	-1.00	2.60	24	
Te Aroha	46	67.3	51.6	59.4	+2.2	75.5	21	38.0	2	3.64	15	-0.86	1.50	24	
Morrinsville	87	66.4	47.3	56.8	..	75.8	30	30.7	15	1.72	15	..	0.46	24	
Tauranga	100	66.5	48.0	57.2	+1.3	75.0	21	30.6	8	2.58	12	-2.53	0.74	22	
Ruakura Farm, Hamilton	131	64.8	47.4	56.1	+1.1	73.8	30	32.8	15	2.00	14	-2.10	0.49	26	
Rotorua	925	65.6	47.2	56.4	+2.2	76.8	21	29.8	15	2.54	11	-2.65	0.86	25	
Whakarewarewa	1,000	65.4	46.0	55.7	(+2.0)	74.8	29	28.8	15	2.52	11	-3.00	0.89	25	
Onepoto, Lake Waikaremoana	2,110	60.2	46.4	53.3	..	70.2	30	34.0	15	3.84	14	..	2.08	25	
New Plymouth	60	62.6	50.8	56.7	+1.7	75.1	25	39.3	5	2.89	16	-2.57	0.57	11	
Chateau Tongariro	3,670	52.8	..	..	..	68.5	22	..	..	6.17	21	..	1.70	9
Karioi	2,125	60.9	40.2	50.6	(+3.1)	71.2	22	24.9	15	2.21	11	..	1.13	9	
Napier	5	67.3	50.6	59.0	+2.3	82.0	30	32.3	15	1.23	11	-0.66	0.85	25	
Hastings	45	70.0	47.1	58.6	(+3.8)	82.0	30	28.2	15	1.12	8	..	0.47	26	
Taihape	2,157	60.2	44.7	52.4	+2.6	70.2	30	32.2	15	1.79	16	-1.71	0.39	9	
Tangimoana	8	63.4	49.1	56.2	+1.5	73.0	24	34.8	15	2.86	11	-0.53	1.11	12	
Palmerston North	100	64.9	50.0	57.4	+3.1	74.0	20, 22, 30	36.0	15	2.58	11	-1.08	0.96	13	
Massey College, P.N.	110	..	..	..	..	..	..	..	..	2.57	13	(-1.55)	0.90	12
Pahiatua	384	63.7	48.4	56.0	(+2.2)	73.0	20, 30	33.6	15	3.72	12	(-1.70)	0.90	12	
Kapiti Island	44	61.1	52.2	56.6	+3.0	71.0	25	42.0	15	1.39	14	-2.55	0.30	31	
Masterton	387	66.2	45.9	56.0	+2.0	76.0	20	28.6	15	3.08	10	-0.16	1.32	12	
Wellington	415	60.3	48.8	54.6	+1.1	70.1	21	38.0	15	3.33	14	(-0.18)	1.15	11	
Nelson	24	63.6	47.7	55.6	+1.1	73.7	25	37.8	5	4.10	9	+0.60	1.19	11	
Appleby, Nelson	57	63.7	48.0	55.8	(+1.8)	71.8	24	38.1	5	4.32	8	..	1.77	11	
Blenheim	30	66.4	47.3	56.8	(+2.1)	73.5	29	33.2	15	1.95	12	(-0.29)	0.62	9	
Golden Downs	900	62.3	42.5	52.4	(+0.9)	71.0	24, 25	31.4	4	6.06	12	..	1.72	9	
Waihopai	860	64.1	45.8	55.0	(+1.7)	73.9	29	35.8	13	2.51	12	..	0.63	11	
Hammer Springs	1,225	63.1	42.1	52.6	+1.6	73.3	28	29.2	5	5.38	14	+1.46	2.43	9	
Balmoral	743	63.8	44.6	54.2	(+1.5)	73.5	28	30.0	2	4.22	10	..	2.65	9	
Hokitika	12	58.9	46.7	52.8	+0.6	70.5	23	35.0	9	11.40	21	-0.41	2.34	30	
Lake Coleridge	1,220	61.8	44.0	52.9	+0.1	70.0	29	31.5	13	5.17	14	+2.24	1.60	9	
Rudstone, Methven	1,217	61.9	44.6	53.2	(+2.2)	70.0	20, 30	32.0	12	3.59	9	+0.07	1.24	9	
Christchurch	22	64.1	46.4	55.2	+1.9	77.6	30	32.0	13	0.98	10	-0.99	0.31	11	
Lincoln	36	65.2	45.8	55.5	+2.0	80.2	30	38.6	13	0.93	8	-0.80	0.34	11	
Hermitage, Mount Cook	2,510	..	..	..	..	..	..	..	..	..	..	..	..	..
Ashburton	323	64.7	42.7	53.7	(+2.1)	77.5	30	28.9	13	1.06	10	-1.27	0.32	11	
Lake Tekapo	2,350	59.1	40.8	50.0	(+2.3)	69.8	25	28.0	17	3.08	7	..	1.00	8	
Fairlie	1,000	64.0	40.7	52.4	(+2.0)	76.0	30	26.0	6	1.83	8	..	0.49	8	
Timaru	56	65.1	45.0	55.0	+2.2	78.2	30	34.8	5	0.64	6	-1.34	0.29	8	
Waimate	200	64.9	44.5	54.7	+2.9	76.0	20	34.1	12	0.76	6	-1.35	0.35	8	
Milford Sound	23	..	..	..	..	..	..	..	..	..	..	..	..	..
Queenstown	1,110	60.4	42.4	51.4	(+0.6)	72.2	24	32.4	17	4.79	16	+1.48	1.07	10	
Ophir	1,000	63.5	42.1	52.8	+2.2	76.8	24	23.5	17	1.20	6	-0.24	0.68	31	
Waipiata	1,550	61.7	41.6	51.6	+2.8	73.0	28	24.8	17	1.27	7	..	0.49	31	
Alexandra	520	65.1	43.5	54.3	(+2.0)	76.0	24	29.2	17	1.13	5	-0.14	0.48	31	
Manorburn Dam	2,448	56.3	36.5	46.4	(+1.3)	68.8	24	23.5	12	1.56	6	-0.35	0.69	31	
Dunedin	240	62.7	44.5	53.6	+2.0	76.9	30	33.0	12	2.86	11	-0.23	1.51	31	
Gore	245	..	..	..	..	..	..	..	..	..	..	..	..	..
Invercargill	12	60.0	44.6	52.3	+1.3	70.0	29	36.0	2	4.46	18	+0.11	1.00	8	
LATE RETURNS.															
Te Pahi, Te Hapua, September, 1936	200	61.1	47.3	54.2	+0.3	68.0	28	35.0	25	2.99	12	..	0.75	26	
Hermitage, Mount Cook, August, 1936	2,510	45.2	32.8	39.0	+1.3	57.0	21	15.2	2	20.83	26	+10.01	2.61	13	
Hermitage, Mount Cook, September, 1936	2,510	50.4	33.6	42.0	-0.2	60.1	19	21.9	4	11.66	19	-1.21	2.47	12	

ERRATUM.

* Means for 28 days only. Christchurch September rainfall should read 2.13 in. for 12 days.

NOTE.—At stations where departures from normal are in parentheses the record has been maintained for less than ten years in the case of temperatures and for less than twenty years in the case of rainfall, and the normals are partly interpolated.