

Under the influence of a low-pressure centre in the north, winds from easterly directions prevailed. Heavy rain extended gradually from the extreme north down to Hawke's Bay and some minor flooding occurred in Auckland City on the 24th. The slow eastward movement of this depression kept the weather dull on the east coast and showery in Hawke's Bay.

More settled conditions resulted from an anticyclone which covered the Dominion on the 27th, slight disturbances in the south producing only weak southerly changes, so that the closing days of the month were mainly fair with moderate to mild temperatures.

M. A. F. BARNETT, Director.

CLIMATOLOGICAL TABLE.

SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR SEPTEMBER, 1939.

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.	°F.	In.	In.	In.			
Te Pahi, Te Hapua ..	200	60.7	47.2	54.0	(+0.1)	64.5	23	35.0	19	4.08	10	..	1.06	23	200.9
"Ramote," Kerikeri ..	400	62.0	45.0	53.5	..	66.4	24	39.3	20	4.08	15	..	1.19	12	192.2
Waipoua State Forest..	225	60.6	44.3	52.4	(+0.4)	68.0	22	37.0	11, 18, 21	3.81	18	..	0.86	23	156.6
Riverhead	105	60.1	41.4	50.8	(+0.1)	65.0	12, 26	31.0	17, 18	5.26	19	..	1.12	23	..
Auckland	160	60.2	49.2	54.7	+0.3	64.2	26	44.8	17	4.73	16	+0.68	1.51	23	178.7
Waihi	404	59.8	44.1	52.0	+0.1	66.0	26	29.0	18	6.85	15	+0.00	1.60	12	171.2
Wharekawa Nursery, Whangamata	50	62.2	43.6	52.9	..	67.3	26	32.8	18	6.61	15	..	2.63	12	..
Te Aroha	46	62.4	44.0	53.2	-0.4	69.5	26	33.0	18	4.32	13	-0.66	0.85	11	..
Tauranga	100	61.8	43.2	52.5	+0.2	67.0	30	35.2	15	4.07	13	-0.22	1.39	12	200.9
Ruakura Farm, Hamilton	131	60.5	41.1	50.8	-0.9	65.5	25	32.4	18	3.45	13	-0.30	0.82	3	167.4
Rotoehu Plantation ..	235	62.4	38.5	50.4	..	68.0	30	29.2	17	2.63	9	..	1.10	12	..
Rotorua	925	61.7	40.5	51.1	+0.8	67.8	30	32.8	8	3.96	15	-1.01	1.45	12	180.2
Whakarewarewa ..	1,000	60.2	38.2	49.2	(-0.6)	68.5	30	30.8	16	3.70	10	-0.82	1.40	12	..
Gisborne	25	60.5	43.0	51.8	..	68.5	22	31.3	9	4.77	14	..	1.57	24	189.5
Onepoto, Lake Waikaremoana	2,110	52.6	39.8	46.2	..	61.2	22	32.9	8	7.46	18	..	1.93	25	..
New Plymouth ..	190	57.9	46.5	52.2	+0.4	62.3	23	36.1	18	4.52	19	-0.40	0.99	3	162.3
Chateau Tongariro ..	3,670	46.1	..	..	..	58.9	30	..	..	3.76	12	..	0.80	14	..
Dawson Falls	3,100	..	..	..	..	..	..	..	..	16.12	14	..	4.29	2	..
Karioi	2,125	52.6	34.7	43.6	(+0.2)	60.8	23	21.5	15	6.35	20	..	1.40	14	..
Napier	5	61.1	43.6	52.4	+0.6	70.5	11	30.9	15	2.41	13	+0.48	1.02	24	209.4
Hastings	45	62.9	40.1	51.5	(+1.7)	71.0	12	29.0	15	2.05	12	..	0.80	24	..
Taihape	2,157	52.9	38.1	45.5	-0.2	60.0	22	30.0	15, 17	3.36	20	+0.32	0.80	13	..
Wanganui	72	58.6	44.5	51.6	..	66.9	22	35.0	18	3.37	14	..	1.39	13	191.3
Tangimoana	8	58.9	43.6	51.2	+0.5	64.5	12	32.0	8, 15	1.75	10	-0.88	0.50	3	..
Palmerston North ..	100	58.7	43.6	51.2	+0.4	66.0	30	32.0	15, 17	2.61	17	-0.32	0.70	12	..
Massey College, P.N.	110	57.6	43.1	50.4	(+0.1)	63.0	30	32.3	15	2.69	19	(-0.62)	0.70	12	149.5
Pahiatua	384	58.1	42.6	50.4	(+0.5)	65.0	22, 30	28.6	18	4.49	20	(+0.22)	1.33	4	..
Kapiti Island	44	56.7	46.2	51.4	+0.1	60.0	7	40.0	4	2.42	10	-0.88	0.48	4	..
Masterton	387	59.2	39.4	49.3	-0.8	66.4	11	27.7	18	1.77	17	-1.23	0.59	4	183.1
Wellington	415	56.3	44.3	50.3	-0.4	61.8	23	36.1	18	2.86	11	(-0.34)	1.26	13	172.4
Nelson	24	59.1	41.5	50.3	+0.0	64.9	24	35.7	6	1.89	8	-1.69	1.13	3	218.5
Appleby, Nelson ..	57	58.5	41.1	49.8	(+0.1)	64.9	24	34.8	8	1.97	10	..	0.69	4	..
Blenheim	30	60.8	39.7	50.2	(+0.3)	70.2	11	31.0	8, 15, 18	1.59	10	(-0.66)	0.57	3	220.4
Golden Downs	900	57.7	33.5	45.6	(-1.4)	62.6	25	27.0	17	3.29	12	..	1.10	4	..
Waihopai	860	59.0	36.9	48.0	(-0.9)	66.7	29	30.4	8	2.71	9	..	0.80	3	..
Westport	23	54.6	43.9	49.2	..	62.0	24	37.0	4	5.93	18	..	1.31	12	154.4
Hamner Springs	1,225	58.9	34.7	46.8	+0.4	69.7	18	23.9	16	2.93	14	-1.50	0.39	15	169.6
Balmoral	743	58.1	35.9	47.0	(-1.1)	68.0	18	25.5	15	1.03	11	..	0.35	12	..
Hokitika	12	56.3	40.5	48.4	-1.0	66.5	24	31.5	14	10.57	21	+1.55	3.11	22	144.6
Lake Coleridge	1,220	56.6	36.4	46.5	-0.9	69.5	18	27.0	16	3.28	10	+0.17	1.12	12	..
Darfield	640	57.3	36.2	46.8	..	68.0	11	29.6	17	1.31	11	..	0.43	12	..
Christchurch	22	55.7	39.7	47.7	-1.1	68.2	12	31.8	15	0.64	7	-1.29	0.23	6	179.6
Wigram Aerodrome, Sockburn	74	55.9	39.1	47.5	..	69.0	21	32.4	17	0.97	7	..	0.29	12	..
Rudstone, Methven ..	1,217	54.9	39.1	47.0	(+0.1)	65.3	18	32.1	13	2.41	13	-1.03	0.66	12	172.5
Lincoln	36	56.6	39.0	47.8	-1.4	68.0	21	31.7	6	1.22	9	-0.66	0.38	12	161.0
Onawe, Duvauchelle's Bay	150	56.1	40.9	48.5	..	65.4	12	30.9	1	1.36	11	..	0.45	13	..
Hermitage, Mount Cook	2,510	49.1	33.4	41.2	(-1.0)	61.0	18	24.4	14	14.72	13	+1.85	3.35	22	123.4
Ashburton	323	56.7	37.3	47.0	(+0.2)	68.5	21	29.9	9	1.32	11	-1.13	0.49	12	..
Lake Tekapo	2,350	52.0	34.1	43.0	(+0.9)	62.8	9	27.1	16	1.60	7	..	0.83	12	174.2
Jacksons Bay	22	54.4	42.2	48.3	..	62.0	24	31.8	14	16.22	17	..	3.53	22	..
Fairlie	1,000	57.0	33.6	45.3	(+0.1)	67.7	11	24.7	11	1.96	12	..	0.89	12	151.5
Timaru	56	55.9	37.6	46.8	-1.2	68.8	12	32.4	11	1.13	11	-0.77	0.45	12	162.7
Waimate	200	56.0	37.9	47.0	-0.6	66.2	21	34.0	28	1.25	11	-0.92	0.45	12	138.3
Milford Sound	23	53.5	38.8	46.2	..	62.1	24	31.2	14	17.87	22	..	3.39	11	..
Queenstown	1,110	54.5	37.4	46.0	(+0.0)	61.8	18	30.8	14	3.89	12	+1.35	0.90	12	155.1
Ophi	1,000	55.5	35.1	45.3	+0.2	62.7	9	25.3	14	2.90	9	+1.80	1.07	21	..
Waipiata	1,550	53.8	34.8	44.3	+0.3	62.2	25	28.6	27	2.89	12	..	1.30	21	158.8
Alexandra	520	56.8	37.4	47.1	(+0.5)	65.1	9	31.0	14, 16	2.08	9	+1.39	0.93	12	172.1
Manorburn Dam	2,448	47.2	30.7	39.0	(-0.2)	55.0	21	24.5	7, 8	2.56	13	+1.21	0.77	21	..
Dunedin	240	57.5	41.2	49.4	+0.6	70.0	21	35.4	6	1.90	12	-0.85	0.61	21	143.8
Gore	245	56.3	37.4	46.8	-0.4	65.0	11, 27	32.0	9, 11, 13	2.97	15	+0.18	0.58	12	150.9
Invercargill	12	55.2	39.0	47.1	-0.5	63.0	27	32.0	13	3.52	19	+0.28	0.51	4	142.9

LATE RETURNS.

Dawson Falls, August, 1939	3,100	..	..	..	..	..	..	..	..	33.32	22	..	6.00	7	..
Karioi, August, 1939	2,125	48.8	32.9	40.8	(+0.5)	58.1	24	19.8	3	9.93	21	..	1.51	16	..
Balmoral, August, 1939	743	50.5	31.2	40.8	(-2.1)	63.0	24	17.0	3	4.61	11	..	1.58	26	..

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