

A disturbance crossed the Auckland Province on the 16th and caused wet weather, and there were some heavy downpours in the Poverty Bay - East Cape area.

After the 17th pressure persisted high in the north and fine weather prevailed with no appreciable rain till the 23rd, when a westerly depression resulted in rain in the south and west. Thereafter heavy showers advanced up the east coast of the South Island, and during the 26th and 27th heavy rain fell in central provinces, with torrential falls along the southern edge of the North Island.

By the 29th an advancing anti-cyclone took control, so that the year closed with warm and settled weather.

M. A. F. BARNETT, Director.

CLIMATOLOGICAL TABLE.

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

Station.	Height of Station above M.S.L.	Air Temperatures in Degrees (Fahrenheit).								Rainfall in Inches.					Bright Sunshine (Hours).
		Means of				Absolute Maximum and Minimum.				Total Fall.	No. of Wet Days.	Difference from Normal.	Most in a Day.		
		A Max.	B Min.	Mean of A and B.	Difference from Normal.	Maximum.	Date.	Minimum.	Date.				Amount.	Date.	
Te Pahi, Te Hapua ..	200	69.0	54.7	61.8		71.5	30	47.0	5	3.77	8		2.39	9	268.3
"Ramote," Kerikeri ..	400														
Waipoua State Forest ..	225	70.0	51.8	60.9	(+0.6)	76.0	15	42.0	5, 28	4.12	14		1.59	10	240.3
Riverhead ..	105	69.3	50.5	59.9	(+0.6)	73.5	25	37.5	29	4.42	11		1.53	10	
Auckland ..	160	70.1	57.6	63.8	+0.6	76.4	25	52.4	9	3.40	12	+0.22	0.99	10	268.7
Waihi ..	404	71.4	53.5	62.4	+0.3	77.8	14	44.0	29	5.46	10	+0.10	2.51	10	264.3
Wharekawa Nursery, Whangamata ..	50	72.8	54.1	63.4		80.2	31	45.2	29	4.08	9		1.30	10	
Te Aroha ..	46	74.9	54.7	64.8	+1.3	85.0	25	46.0	9	3.77	9	+0.40	1.12	10	
Tauranga ..	100	72.6	53.9	63.2	+1.6	81.0	31	47.0	8	4.95	13	+1.48	2.50	10	268.2
Ruakura Farm, Hamilton ..	131	71.2	48.2	59.7	-1.9	76.1	22	41.0	5	2.95	10	-0.21	0.76	10	241.2
Rotoehu Plantation ..	235	72.1	52.1	62.1		80.0	31	43.3	8	4.99	9		2.01	10	
Rotorua ..	925	74.0	52.4	63.2	+2.1	84.9	31	44.1	29	3.89	13	+0.24	1.13	10	234.9
Whakarewarewa ..	1,000	72.8	52.1	62.4	(+1.8)	83.8	31	42.2	5	3.84	10	+0.01	0.92	10	
Gisborne ..	25	72.7	50.1	61.4		82.0	22			1.87	7		0.87	16	271.9
Orepotahi, Lake Waikaremoana ..	2,110	67.2	50.9	59.0		76.4	31	44.6	5, 29	7.90	12		1.77	12	
New Plymouth ..	190	66.8	52.8	59.8	-0.1	71.2	13	44.1	9	4.36	11	+0.15	1.06	9	239.2
Chateau Tongariro ..	6,670														
Dawson Falls ..	3,100														
Karioi ..	2,125	67.8	44.3	56.0	(+2.5)	75.0	31	32.0	13	5.15	10		1.49	11	
Napier ..	5	71.6	55.3	63.4	+0.9	80.5	15	46.1	29	1.55	9	-0.39	0.40	10	291.3
Hastings ..	45	76.7	51.9	64.3	(+3.1)	84.0	24	42.6	5	3.13	9		1.04	25	
Taihape ..	2,157	67.7	49.6	58.6	+2.8	76.0	31	42.8	27	2.88	12	-0.38	0.78	11	
Wanganui ..	72	69.4	54.9	62.2		75.7	31	46.2	17	3.08	12		0.68	27	253.9
Tangimoana ..	8	69.2	54.0	61.6	+1.2	75.0	16	44.5	17	4.57	13	+1.87	1.29	11	
Palmerston North ..	100														
Massey College, P.N. ..	110	69.6	54.3	62.0	(+2.3)	76.9	19	44.0	29	3.86	13	(+0.50)	1.92	11	203.6
Pahiatua ..	384	70.1	52.4	61.2	(+0.8)	78.2	19	38.4	17	3.55	11	(-0.10)	1.08	11	
Kapiti Island ..	44	66.4	55.5	61.0	+1.9	71.0	18	49.0	27	5.68	14	+2.60	1.60	26	
Masterton ..	387	75.1	49.9	62.5	+1.9	84.5	23	37.2	9	3.06	9	+0.29	1.37	10	277.2
Wallaceville ..	195	69.5	52.7	61.1	+1.7	76.5	18	36.2	17	9.34	10		4.32	11	241.5
Wellington ..	415	66.0	53.8	59.9	+0.5	73.1	31	46.1	27	15.21	11	(+12.28)	6.00	11	220.2
Nelson ..	24	70.3	53.5	61.9	+1.3	78.2	12	42.4	4	2.85	10	-0.11	0.70	9	255.2
Appleby, Nelson ..	57	70.2	53.1	61.6	(+1.4)	79.2	12	44.6	28	2.46	8		0.62	9	
Blenheim ..	30	73.8	52.8	63.3	(+1.1)	88.5	22	43.2	28	3.25	11	+1.52	1.06	26	274.3
Golden Downs ..	900	69.9	47.6	58.8	(+1.6)	81.8	31	37.1	28	4.32	11		0.94	4, 6	
Waihopai ..	860	72.0	49.7	60.8	(+0.8)	83.1	23	37.6	28	4.22	10		1.05	25	
Westport ..	23	64.4	54.1	59.2		69.5	11	45.0	4	3.41	11		1.13	2	233.0
Hanmer Springs ..	1,225	70.7	48.1	59.4	+1.9	80.0	14	35.0	4	7.39	11	+3.59	2.49	10	235.9
Balmoral ..	743	72.0	50.9	61.4	(+2.2)	82.4	14	40.0	17	3.28	7		1.02	26	
Hokitika ..	12	66.4	52.8	59.6	+2.0	71.0	28	43.0	4	7.45	13	-2.92	2.18	6	178.6
Lake Coleridge ..	1,220	69.7	50.5	60.1	+2.1	82.0	21	39.5	28	2.13	8	-0.30	1.06	26	
Darfield ..	640	73.5	49.8	61.6		84.2	14	38.5	16	3.16	7		1.84	26	
Christchurch ..	22	70.6	52.8	61.7	+1.9	84.5	20	42.8	16	2.12	8	-0.34	0.95	25	198.9
Wigram Aerodrome, Sockburn ..	74	71.7	52.2	62.0		85.5	20	40.2	16	2.72	8		1.24	25	
Rudstone, Methven ..	1,217	68.9	50.6	59.8	(+2.8)	77.8	19	41.4	16	2.93	7	-0.88	1.79	26	255.0
Lincoln ..	36	72.4	52.0	62.2	+2.5	85.2	23	40.0	3	4.42	6	+2.25	2.27	25	253.0
Akaroa (Onawe, Duvau-chelle's Bay) ..	150	72.1	54.8	63.4		86.0	22	45.1	16	4.25	7		1.96	26	228.3
Hermitage, Mount Cook ..	2,510														
Ashburton ..	323	72.6	51.2	61.9	(+3.9)	85.5	14	35.6	16	3.39	8	+0.68	1.68	26	217.5
Lake Tekapo ..	2,350	68.6	45.9	57.2	(+2.2)	80.8	30	33.8	16	1.31	3		1.06	26	259.3
Jacksons Bay ..	22	63.6	51.5	57.6		74.4	11	45.0	3, 28	22.31	17		4.77	22	
Fairlie ..	1,000	71.7	46.0	58.8	(+0.2)	87.0	20	35.0	4	1.06	4		0.93	25	198.9
Timaru ..	56	71.4	52.0	61.7	+3.1	84.6	6, 20	42.0	16	1.29	2	-1.13	0.70	25	203.9
Waimate ..	200	70.8	52.0	61.4	+3.9	85.0	20	43.0	28	0.99	6	-1.83	0.45	25	173.5
Milford Sound ..	23	64.1	50.8	57.4		77.2	11	41.5	2	37.22	22		8.55	23	
Queenstown ..	1,110	69.7	49.6	59.6	(+1.9)	83.2	30	44.2	4	1.69	8	-0.82	0.97	6	243.9
Ophir ..	1,000	71.5	49.0	60.2	+1.8	82.0	30	35.9	12	1.17	7	-0.37	0.42	25	
Waipiatra ..	1,550	70.0	47.1	58.6	+2.8	85.0	30	36.8	11, 12	1.00	6		0.55	25	206.2
Alexandra ..	520	73.1	52.1	62.6	(+2.7)	89.0	30	42.0	12	0.80	8	-0.61	0.31	25	228.5
Manorburn Dam ..	2,448	64.1	43.7	53.9	(+2.6)	80.0	30	33.0	11	0.70	8	-1.48	0.35	25	
Dunedin ..	240	69.4	51.5	60.4	+4.3	79.4	23	42.0	4	1.34	8	-2.13	0.81	25	200.7
Gore ..	245														
Invercargill ..	12	67.6	49.7	58.6	+3.2	82.0	19	41.0	16	3.80	14	-0.20	1.30	7	199.8
LATE RETURN.															
Balmoral, Nov., 1939 ..	743	67.5	45.5	56.5	(+1.1)	79.0	28	26.0	13	1.94	10		1.02	22	

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.