

NEW ZEALAND METEOROLOGICAL SERVICE

CLIMATOLOGICAL TABLE

Summary of the Records of Temperature, Rainfall, and Sunshine for December, 1944

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.	
	Ft.	°F.	°F.	°F.	(+/-)	°F.	°F.	In.			In.			
Te Pahi, Te Hapua ..	200	68.5	57.6	63.0	(+1.0)	73.5	29 51.0	5 2.78	13	..	1.05	13	220.5	
Waipapakauri ..	6	68.8	53.1	61.0	..	75.1	29 41.5	11 2.94	16	..	0.54	23	..	
Waipoua State Forest ..	225	67.8	50.3	59.0	-2.5	77.2	12 41.6	20 5.31	18	(+1.38)	1.18	4	201.2	
Dargaville ..	3	69.4	51.9	60.6	..	80.1	12 41.8	20 5.27	14	..	1.70	17	..	
Riverhead ..	105	67.6	48.4	58.0	-1.4	77.5	28 36.8	8 4.10	20	..	0.76	16	..	
Auckland ..	160	67.6	55.1	61.4	-2.2	74.8	31 47.0	5,6 5.35	18	+2.16	1.34	13	237.3	
Paerata ..	166	67.7	51.5	59.6	..	76.2	28 41.3	10 4.41	18	..	0.81	24	..	
Maioro ..	172	..	..	..	..	..	..	..	..	..	..	..	..	
Waihi ..	404	67.7	52.6	60.2	-2.1	77.0	29 42.0	7 5.23	14	-0.24	1.20	14	253.6	
Wharekawa Nursery, Whangamata	50	70.3	50.8	60.6	(-2.3)	79.0	30 40.0	7 2.14	13	..	0.33	24	..	
Te Aroha ..	46	72.1	53.2	62.6	-1.3	82.0	24 44.0	7,31 5.51	18	+2.06	1.23	14	..	
Tauranga ..	10	69.7	50.3	60.0	-1.9	78.3	23 38.4	7 2.47	13	-1.37	0.65	14	259.2	
Ruakura Farm, Hamilton	131	67.9	48.9	58.4	-3.1	78.8	13 38.5	31 4.08	18	+0.82	0.67	12	228.6	
Rotoehu Plantation ..	235	69.2	46.5	57.8	(-2.8)	78.4	22 32.0	7 4.72	17	..	0.94	24	..	
Rotorua ..	931	69.5	49.2	59.4	-2.0	79.3	13 35.6	8 3.88	17	+0.13	0.73	14	230.9	
Whakarewarewa ..	1,000	70.1	46.8	58.4	-2.3	78.7	27 32.8	6 3.74	17	-0.19	0.80	13	..	
Gisborne ..	12	73.5	50.4	62.0	(-0.8)	87.4	28 38.7	8 1.60	11	(-0.32)	0.57	17	283.3	
Onepoto, Lake Waikaremoana	2,110	64.5	47.9	56.2	(-1.4)	74.1	31 37.9	7 4.72	19	(+0.68)	1.06	14	..	
New Plymouth (Marshall Hill)	160	63.1	51.3	57.2	-3.4	67.5	31 39.0	7 5.93	18	+1.53	1.20	13	226.9	
Chateau Tongariro ..	3,670	54.4	38.5	46.4	(-3.3)	65.0	13 28.0	7 13.76	23	..	2.51	13	..	
Karioi ..	2,125	62.0	41.7	51.8	-3.0	74.0	13 29.0	7 4.83	19	(+0.75)	0.70	13	..	
Napier ..	5	72.1	52.6	62.4	-0.8	86.4	23 42.8	7 2.59	12	+0.60	1.77	17	270.7	
Hastings ..	45	75.6	49.1	62.4	-0.5	89.5	12,28 38.0	6 3.03	11	+1.18	1.44	17	..	
Taihape ..	2,157	63.1	45.6	54.4	-1.9	75.1	13 36.2	7 3.88	18	+0.69	1.10	17	..	
Wanganui ..	72	66.1	52.3	59.2	(-2.5)	80.0	28 43.0	7 4.43	14	+1.71	1.02	4	256.2	
Tangimoana ..	8	67.6	52.1	59.8	-0.8	76.0	27 42.0	7,8 5.03	14	+2.33	1.42	13	..	
Ohakea ..	167	65.5	51.4	58.4	..	77.2	13 42.2	7 5.23	15	..	1.32	13	..	
Plant Research Bureau, Palmerston North	110	65.1	50.3	57.7	-2.8	77.3	13 41.0	8 7.23	19	(+4.00)	2.05	13	198.5	
Pahiatua ..	384	66.2	50.1	58.2	-2.2	79.0	13 38.6	19 8.52	20	+4.78	1.82	13	..	
Kapiti Island ..	44	..	..	..	..	..	..	..	..	..	..	..	..	
Waingawa, Masterton ..	350	68.8	45.9	57.4	-3.8	77.0	12 37.0	6 3.24	15	+0.52	0.82	17	239.5	
Wallaceville ..	195	65.3	49.2	57.2	..	76.0	13 37.1	3 6.36	18	(+2.44)	1.73	13	231.5	
Wainui-o-mata ..	40	63.0	48.1	55.6	..	73.0	13 37.2	3 7.63	20	..	1.39	2	..	
Wellington ..	415	63.6	50.6	57.1	-1.9	72.0	13 43.0	6 6.51	17	+3.35	1.88	1	252.3	
Nelson ..	24	67.9	49.7	58.8	-2.1	75.7	23 38.8	6 4.07	13	+1.03	1.07	13	266.1	
Appleby, Nelson ..	57	67.8	48.8	58.3	(-2.4)	76.2	27 36.9	6 2.53	17	-0.39	0.91	28	..	
Blenheim ..	60	69.5	47.8	58.6	(-3.7)	82.0	12 35.2	7 5.14	15	+3.36	1.17	1	252.0	
Woodbourne Aerodrome	89	69.3	48.5	58.9	..	82.9	12 37.5	7 5.38	14	..	1.52	1	..	
Golden Downs ..	900	66.1	42.2	54.2	-3.7	74.3	12 30.1	7 5.34	13	..	1.50	28	..	
Waihopai ..	860	..	..	..	..	..	..	..	..	..	..	..	..	
Westport ..	23	60.9	49.8	55.4	(-2.8)	66.0	13 42.0	5,6 6.19	20	-0.55	1.11	1	226.2	
Molesworth Station ..	2,930	61.9	41.0	51.4	..	75.0	31 30.0	8 4.56	12	..	1.36	1	..	
Hanmer Springs ..	1,225	65.7	43.6	54.6	-3.2	76.2	13 34.0	5,8 6.08	17	+2.21	1.85	1	201.1	
Balmoral ..	743	65.5	43.9	54.7	-4.8	75.0	27 31.0	3 4.75	18	+2.49	0.93	1	..	
Hokitika ..	12	63.1	48.9	56.0	-1.8	68.0	17 38.8	7 14.46	20	+4.19	2.74	14	183.9	
Lake Coleridge ..	1,220	64.8	44.8	54.8	-2.9	76.0	27 31.7	7 5.77	16	+3.32	1.15	14	..	
Darfield ..	640	65.6	45.2	55.4	(-4.3)	78.0	31 34.5	4 7.18	19	+4.47	1.16	16	..	
Christchurch ..	22	65.0	49.0	57.0	-2.9	76.0	11 37.0	4 5.82	18	+3.46	1.58	16	..	
Wigram Aerodrome, Sockburn	74	64.9	47.4	56.2	(-3.4)	76.8	28 31.9	4 5.42	18	..	1.18	16	157.1	
Rudstone, Methven ..	1,217	64.0	45.1	54.6	-3.4	76.5	27 33.0	6 9.32	20	+5.44	1.54	5	170.2	
Lincoln ..	36	64.2	46.6	55.4	-4.3	75.6	31 32.3	4 5.41	20	+3.15	1.03	1	169.3	
Akaroa (Onawe, Duvau-chelle's Bay)	150	65.1	49.6	57.4	(-3.5)	78.0	29,31 42.0	3,4 9.37	19	..	2.88	16	145.8	
Hermitage, Mount Cook	..	..	..	..	..	..	..	..	..	..	..	..	..	
Ashburton ..	323	63.5	46.7	55.1	-2.9	78.3	11 35.0	4,7 9.57	20	+6.77	2.33	16	163.4	
Lake Tekapo ..	2,350	62.6	41.7	52.2	-3.4	78.4	26 32.0	6,8 2.63	12	..	1.25	17	192.0	
Jacksons Bay ..	22	60.0	48.1	54.0	(-2.7)	64.8	17 40.2	5 15.14	21	..	3.43	31	..	
Fairlie* ..	1,000	61.2	42.9	52.0	..	78.3	11 33.7	4 6.34	14	..	1.62	16	..	
Timaru ..	56	63.5	47.7	55.6	-3.3	79.2	31 38.2	7 6.64	19	+4.10	1.98	16	162.4	
Waimate ..	200	64.0	48.5	56.2	-1.8	77.5	28 38.0	7 5.01	22	+2.18	0.85	13	112.0	
Milford Sound ..	20	60.9	46.9	53.9	(-1.4)	68.3	17 38.6	5 15.83	22	..	2.57	31	..	
Queenstown ..	1,110	64.6	45.9	55.2	-3.7	74.6	11 39.0	5 2.48	16	+0.07	0.49	14	232.2	
Ophir ..	1,000	65.4	45.3	55.4	-3.8	76.0	28 34.2	8 3.47	13	+1.81	0.56	14	..	
Waipiata ..	1,550	60.4	43.4	51.9	-4.9	74.0	27 32.5	7 4.05	20	(+1.94)	0.88	23	174.3	
Alexandra ..	520	67.3	47.8	57.6	-2.8	80.0	27 36.3	8 2.13	15	+0.79	0.62	22	200.0	
Manorburn Dam ..	2,448	56.6	39.4	48.0	-4.1	68.0	11,27 31.2	4 3.23	18	+1.14	0.75	16	..	
Dunedin (Beta Street Reservoir)	690	59.0	45.9	52.4	-2.7	74.9	11 37.8	7 6.48	26	+2.95	1.63	4	130.3	
Taieri ..	80	62.0	45.9	54.0	..	80.5	27 35.9	19 4.44	27	..	0.76	14	..	
East Gore ..	245	63.5	44.4	54.0	-2.4	82.0	27 34.0	6 3.72	26	+0.49	1.06	27	..	
Gore ..	240	64.0	46.2	55.1	..	78.0	11 35.0	6 3.17	25	..	0.65	27	174.6	
Invercargill ..	32	63.1	45.8	54.4	-1.3	79.0	27 34.0	18 3.49	25	-0.48	0.38	4	187.5	
Invercargill (City Engineer)	8	62.2	46.8	54.5	..	79.0	27 36.6	6 3.22	23	..	0.43	4	..	

LATE RETURNS

Auckland, Nov., 1944	160	66.2	53.8	60.0	-0.3	73.8	12 46.6	1 1.25	13	-2.35	0.55	18	214.7
Rotorua, Nov., 1944	931	68.2	46.6	57.4	-0.1	78.7	9 34.3	29 2.03	11	-2.26	0.78	16	252.3

\* Fairlie observations 1st to 23rd December only.

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.