

CLIMATOLOGICAL TABLE.

SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR DECEMBER, 1942.

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.	(+0.4)	°F.	°F.		In.			In.			
Te Pahi, Te Hapua ..	200	70.5	54.2	62.4	(+0.4)	77.0	10	43.0	2	1.81	10	..	0.42	2	206.8
Waipapakauri ..	6	70.7	51.9	61.3	..	77.8	30	39.6	23	1.11	10	..	0.37	8	..
Waipoua State Forest ..	225	70.6	51.3	61.0	-0.5	80.0	12	41.0	10	2.59	14	(-1.34)	0.50	9	217.6
Riverhead ..	105	69.4	49.6	59.5	+0.1	78.0	12	38.9	2, 3	1.44	14	..	0.52	3	..
Auckland ..	160	70.2	57.1	63.6	+0.0	76.9	31	48.0	10	2.34	9	-0.85	0.87	3	234.7
Maioro ..	172	68.0	54.3	61.2	..	76.2	12	45.5	10	3.19	11	..	0.89	3	..
Waihi ..	404	70.7	53.6	62.2	-0.1	81.0	30	43.0	10	4.24	11	-1.23	1.06	12	211.3
Wharekawa Nursery, Whangamata	50	74.4	54.5	64.4	(+1.5)	84.0	30	41.0	2	3.87	14	..	1.50	3	..
Te Aroha ..	46	73.7	56.0	64.8	+0.9	86.0	30	45.0	10	2.06	13	-1.39	0.61	8	..
Tauranga ..	10	..	52.5	..	..	..	..	39.6	2	2.56	10	-1.28	0.93	3	228.9
Ruakura Farm, Hamilton	131	70.4	51.8	61.1	-0.4	79.1	30	41.1	23	3.36	9	+0.10	1.14	11	185.8
Rotoehu Plantation ..	235	72.0	49.6	60.8	(+0.2)	83.6	20	37.0	18	3.19	11	..	1.33	3	..
Rotorua ..	931	72.6	52.3	62.4	+1.0	83.0	30	41.4	1	8.26	7	+4.51	2.60	13	207.6
Whakarewarewa*	1,000	72.2	49.6	60.9	+0.2	85.2	30	39.5	1	11.46	9	+7.53	6.17	13	..
Gisborne ..	12	75.6	53.3	64.4	(+1.6)	85.7	19	42.6	26	1.10	8	-0.82	0.53	9	275.7
Onepoto, Lake Waikaremoana	2,110	66.9	50.1	58.5	(+0.9)	74.9	18	40.5	10	2.53	10	-1.51	0.78	9	..
New Plymouth ..	190	65.4	52.4	58.9	-1.7	77.0	30	39.8	10	5.24	14	+0.84	1.35	12	..
New Plymouth (Marsland Hill)	160	65.6	53.0	59.3	..	76.3	30	42.1	10	5.37	15	..	1.31	12	232.7
Chateau Tongariro ..	3,670	59.6	40.1	49.8	(+0.1)	72.0	28, 30	31.0	7, 10	8.79	14	..	1.83	12	..
Karioi ..	2,125	67.6	40.5	54.0	-0.8	75.0	31	28.0	7, 10	2.89	11	(-1.19)	1.28	28	..
Napier ..	5	73.2	51.8	62.5	-0.7	83.0	21	42.0	10	2.84	6	+0.85	2.01	4	291.8
Hastings ..	45	76.0	51.2	63.6	+0.7	84.0	21	38.0	10	2.69	12	(+0.84)	1.63	4	..
Taihape ..	2,157	67.1	47.3	57.2	+0.9	76.0	31	37.2	10	2.31	11	-0.88	1.07	12	..
Wanganui ..	72	68.8	52.7	60.8	-0.9	82.1	29	38.2	10	1.25	8	-1.47	0.44	4	263.0
Tangimoana ..	8	69.2	52.0	60.6	+0.0	79.0	30	36.0	10	2.48	10	-0.22	0.93	14	..
Ohakea ..	167	69.2	51.5	60.4	..	80.5	29	37.2	10	1.65	12	..	0.50	4	..
Plant Research Bureau, Palmerston North	110	68.1	51.5	59.8	-0.7	78.5	28	38.5	10	1.65	13	(-1.58)	0.29	3, 14	171.8
Pahiatua ..	384	67.5	50.1	58.8	-1.6	81.2	31	32.2	10	4.32	15	+0.58	0.83	3	..
Kapiti Island ..	44	66.0	54.5	60.2	+0.7	74.0	30	44.0	10	3.13	12	-0.17	1.23	3	..
Waingawa, Masterton ..	350	71.2	46.9	59.0	..	82.0	31	35.5	7	2.19	6	..	0.77	3	265.8
Wallaceville ..	195	66.8	48.9	57.8	..	76.0	28	31.4	10	3.19	11	-0.73	0.97	3	224.6
Wellington ..	415	64.4	51.3	57.8	-1.2	75.0	28	40.8	10	2.97	9	-0.19	1.01	3	246.0
Nelson ..	24	68.4	49.7	59.0	-1.9	74.9	8	41.0	25	1.91	5	-1.13	1.27	3	283.4
Appleby, Nelson ..	57	68.3	50.0	59.2	(-1.5)	76.3	31	40.8	10	2.42	6	(-0.50)	1.27	3	..
Blenheim ..	60	72.0	48.2	60.1	(-2.2)	80.9	8	34.8	10	1.71	5	(-0.07)	0.59	3	266.1
Woodbourne Aerodrome	89	71.3	50.2	60.8	..	80.7	8	39.2	10	1.73	5	..	0.65	3	..
Golden Downs ..	900	67.5	45.0	56.2	-1.7	77.0	31	34.5	10	4.91	7	..	2.74	5	..
Waihopai ..	860	71.4	47.8	59.6	-0.1	82.6	21	37.2	10	2.83	8	(-0.02)	1.58	3	..
Westport ..	23	60.7	50.5	55.6	(-2.6)	67.0	28	44.0	10	8.83	16	+2.09	1.52	18	200.3
Hanmer Springs ..	1,225	70.4	44.2	57.3	-0.5	81.8	28	32.5	10	2.78	5	-1.09	1.50	3	218.8
Balmoral ..	743	68.4	44.1	56.2	-3.3	77.0	13, 29	31.5	10	2.50	8	(+0.24)	1.46	3	..
Hokitika ..	12	61.7	48.2	55.0	-2.8	66.0	5, 7	40.0	17	14.25	15	+3.98	3.04	3	159.7
Lake Coleridge ..	1,220	68.1	43.8	56.0	-2.7	83.0	28	29.9	25	3.87	7	+1.42	2.29	3	..
Darfield ..	640	67.7	43.0	55.4	(-4.3)	85.3	29	33.5	15	3.73	9	+1.02	1.43	3	..
Christchurch ..	22	66.1	48.5	57.3	-2.6	83.2	29	40.5	15	1.59	9	-0.77	0.77	3	194.6
Wigram Aerodrome, Sockburn	74	67.1	47.2	57.2	(-2.4)	83.7	29	37.9	15	1.43	7	..	0.84	3	..
Rudstone, Methven ..	1,217	65.8	44.5	55.2	-2.8	79.1	29	35.0	4	4.85	11	+0.97	2.15	3	228.6
Lincoln ..	36	66.3	46.8	56.6	-3.1	85.3	29	39.2	15	1.91	10	-0.35	1.03	3	202.8
Akaroa (Onawe, Duvau-chelle's Bay)	150	68.0	49.5	58.8	(-2.1)	82.8	8	41.5	10	2.36	4	..	0.58	5	219.2
Hermitage, Mount Cook†	2,510	60.5	40.8	50.6	(-5.0)	78.5	25	30.5	22, 23	12.44	11	+1.56	5.05	3	..
Ashburton ..	323	66.3	45.9	56.1	-1.9	87.2	28	37.2	25	3.05	10	+0.25	1.46	3	195.4
Lake Tekapo ..	2,350	67.0	42.2	54.6	-1.0	80.5	28	30.3	25	2.73	5	..	2.01	4	247.6
Jacksons Bay ..	22	59.0	46.7	52.8	(-3.9)	65.0	31	39.4	25	22.81	21	..	3.47	18	..
Fairlie ..	1,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Timaru ..	56	66.1	47.2	56.6	-2.3	83.0	8	37.2	25	2.65	11	+0.11	1.16	4	201.7
Waimate ..	200	66.2	47.7	57.0	-1.0	76.0	29	42.0	15, 16	3.86	9	+1.03	1.40	3	162.2
Milford Sound ..	20	59.5	46.8	53.2	(-2.1)	70.4	28	39.0	14	25.55	26	..	3.78	11	..
Queenstown ..	1,110	65.0	45.5	55.2	-3.7	79.2	28	38.0	25	2.28	11	-0.13	0.53	2	272.0
Ophir ..	1,000	66.6	44.2	55.4	-3.8	83.9	28	29.2	25	2.04	8	+0.38	0.74	3	..
Waipiata ..	1,550	62.8	43.1	53.0	-3.8	81.2	28	35.2	10	2.62	12	(+0.51)	0.79	3	224.6
Alexandra ..	520	68.4	47.1	57.8	-2.6	87.9	28	35.4	25	1.60	9	+0.26	0.64	3	243.4
Manorburn Dam ..	2,448	58.5	39.0	48.8	-1.3	76.0	28	31.2	10	2.08	13	-0.01	0.64	3	..
Dunedin (Beta Street Reservoir)	690	62.2	45.3	53.8	..	75.5	29	38.5	25	3.06	21	..	0.76	11	181.7
Gore ..	245	64.5	44.5	54.5	-1.9	83.0	28	36.0	4, 23	2.36	18	-0.87	0.47	11	186.4
Invercargill ..	12	62.0	45.9	54.0	-1.7	82.0	28	39.0	6	3.13	24	-0.84	0.46	13	215.4
Invercargill (City Engineer)	8	61.3	46.0	53.6	..	82.5	28	39.5	6	2.69	22	..	0.44	13	..

LATE RETURNS.

Gisborne, Nov., 1942 ..	25	71.9	50.1	61.0	(+2.2)	84.0	16	34.8	6	1.09	12	(-1.37)	0.31	28	201.6
Karioi, Nov., 1942 ..	2,125	65.0	..	..	..	78.0	27, 28	..	..	3.86	18	(-0.62)	1.01	29	..

\* Whakarewarewa observations for twenty-eight days only; rainfall complete. † Hermitage, Mount Cook, observations for twenty-five days only; rainfall complete.

Masterton and Botanical Gardens, Dunedin, stations discontinued.

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.