

NEW ZEALAND METEOROLOGICAL SERVICE

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for September 1963

Station	Height of Station Above M.S.L.	Air Temperatures in Degrees (Fahrenheit)							Rainfall in Inches				Bright Sunshine		
		Means of		Mean of A and B	Difference From Normal	Absolute Maximum and Minimum				Total Fall	No. of Rain Days	Difference From Normal		Maximum Fall	
		A Max.	B Min.			Maximum	Date	Minimum	Date					Amount	Date
	Ft.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	In.	In.	In.	In.	Hrs.		
Te Pahi, Te Hapua ..	190	62.7	48.9	55.8	+1.4	65.4	1, 22	35.3	7	2.83	16	-1.7*	0.82	13	188
Kaitaia ..	261	62.6	49.8	56.2	+2.4*	67.6	13	42.0	7	3.96	19	-1.1*	1.03	13	179
Waitangi Forest ..	180	64.5	47.7	56.1	..	68.8	26, 28	39.5	26	4.47	13	..	1.16	19	..
Umawera ..	380	62.2	48.2	55.2	..	68.1	26	40.4	7	4.51	19	..	0.98	18	..
Kerikeri ..	240	64.5	45.6	55.0	+1.2	69.3	27	36.9	26	4.10	16	-1.4*	1.11	18	174
Waipoua Forest ..	225	62.1	45.8	54.0	+1.6	71.2	29	36.2	7	5.43	20	-0.1	1.27	13	134
Dargaville ..	64	61.5	48.2	54.8	+1.4*	68.0	1	38.3	7	4.52	17	+0.5*	0.86	13	..
Glenbervie, Whangarei ..	350	61.8	42.0	51.9	-0.1*	66.0	1	30.2	17	4.56	12	-0.9*	1.81	19	166
Riverhead ..	105	62.0	43.6	52.8	+1.8	67.9	20	31.8	7	5.22	18	+0.8*	2.31	19	..
Woodhill ..	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whenuapai ..	102	61.8	45.0	53.4	+1.3	68.0	1, 20	34.8	7	4.85	17	+0.6*	1.85	19	171
Auckland ..	160	62.8	49.1	56.0	+1.5	68.5	1	42.7	26	2.78	13	-1.0	0.78	19	180
Oratia, Henderson ..	135	62.2	43.1	52.6	+1.0	68.0	20	34.1	7	5.24	17	+0.4*	1.96	19	..
Owairaka ..	133	61.5	47.1	54.3	+0.8*	67.7	1	40.2	7	2.84	15	-1.3*	1.02	19	..
Ota ..	40	61.3	45.0	53.2	+0.4*	67.1	1	36.0	7	3.48	16	-0.1*	1.46	19	..
Auckland Airport ..	26	62.2	47.1	54.6	..	71.0	4	38.0	19	3.22	16	..	1.22	19	..
Thames ..	10	62.2	48.2	55.2	..	68.6	20	40.2	18	3.22	14	..	1.39	19	158
Whangapoua Forest ..	20	64.2	42.4	53.3	..	69.2	1	31.5	4	4.28	8	..	2.39	19	..
Port Fitzroy, Great Barrier ..	13	63.3	48.8	56.0	..	66.8	20	40.5	6, 7	4.54	15	..	2.42	19	..
Tairua Forest ..	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maio ..	172	61.0	47.1	54.0	+1.0	65.0	1, 20	37.5	26	6.61	20	+2.5	1.70	19	..
Paeroa ..	27	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ngatea ..	5	62.0	43.5	52.8	..	66.9	20	32.2	26	3.26	10	..	1.26	19	..
Maramarua ..	124	61.5	41.9	51.7	+0.6*	66.4	20	31.5	7	3.55	17	-0.3*	0.76	13	..
Waihi ..	300	60.7	43.4	52.0	+0.0	68.1	1	31.0	7	4.54	14	-2.1	1.36	19	160
Te Kauwhata ..	105	61.8	45.9	53.8	..	68.2	1	37.2	18	2.73	12	..	1.14	13	151
Te Aroha ..	40	62.6	45.3	54.0	+0.1	69.0	20	35.0	18	3.53	17	-1.1	1.01	13	..
Tauranga ..	12	61.6	45.0	53.3	+0.7	65.1	22	35.1	26	5.66	15	+1.9	2.50	19	172
Ruakura, Hamilton ..	131	61.5	41.9	51.7	+0.8	67.3	1	32.4	7	3.45	14	-0.3	1.15	13	153
Whatawhata ..	340	60.5	44.2	52.4	+0.5*	68.2	21	34.5	18	4.74	17	-0.3*	1.03	13	138
Rukuhia ..	215	60.8	43.5	52.2	+0.4	67.5	21	35.2	26	3.34	15	-0.6*	1.25	13	144
Rotoehu Forest ..	235	61.4	41.3	51.4	+1.2	69.2	28	32.8	26	5.69	11	+0.8*	1.63	7	..
Whakatane ..	6	62.2	44.3	53.2	+0.4	68.0	22	36.0	26	3.70	11	+0.0*	0.83	19	178
Opotiki ..	20	60.1	44.1	52.1	+0.3*	63.0	27	36.0	30	2.29	10	-1.8*	0.48	8	165
Ruatoria ..	200	61.5	44.0	52.8	..	68.0	24	35.1	18	3.70	10	..	0.97	20	..
Te Teko ..	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kawerau ..	100	63.2	42.8	53.0	+0.3*	68.5	28	34.0	7	7.31	13	+2.4*	1.81	19	..
Arapuni ..	350	62.2	42.8	52.5	+1.4*	68.9	21	34.0	18	4.78	15	+0.2	1.96	13	..
Waikeria, Te Awamutu ..	156	61.3	42.7	52.0	..	69.5	21	31.0	26	4.42	15	..	1.03	13	..
Tarawera Forest ..	200	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Te Kuiti ..	202	59.5	43.5	51.5	..	67.1	21	33.6	18	5.53	16	..	1.25	13	123
Whakarewarewa ..	1,006	59.2	41.8	50.5	+1.5	65.9	28	33.8	7, 18	6.34	13	+1.9	1.40	19	142
Kaingaroa ..	1,785	56.6	37.7	47.2	+1.5	64.6	13	27.4	5	7.06	15	+2.4	1.95	20	..
Waiotapu ..	1,250	59.2	37.6	48.4	+1.6	67.7	28	27.0	26	5.48	15	+1.4	1.71	19	..
Wairapukao ..	1,600	58.6	36.7	47.6	+1.6*	70.0	28	26.5	7, 18	5.53	18	+1.5*	1.80	19	..
Pureora Forest ..	1,435	53.0	39.3	46.2	+0.9*	61.5	27	27.0	26	6.92	11	+0.7*	1.80	13	..
Mangatu Forest ..	570	61.0	42.9	51.9	..	69.0	28	35.0	16	4.11	15	..	0.59	8	..
Gisborne ..	13	61.1	43.1	52.1	+1.0	67.8	1	34.0	16	2.08	15	-0.8*	0.38	25	147
Manutuke, Gisborne ..	100	60.9	43.3	52.1	+0.1	66.7	1	37.1	18	2.50	15	-0.3*	0.84	25	..
Waerenga-o-Kuri ..	1,030	57.1	43.0	50.0	+0.6*	62.9	30	34.6	26	2.81	16	-1.1*	0.88	25	..
Wairakei (Soil Con.) ..	1,320	57.8	39.5	48.6	..	67.9	28	28.5	26	5.47	15	..	1.25	13	..
Wairakei ..	1,122	59.3	40.4	49.8	..	69.7	28	31.3	26	5.00	17	+0.9*	1.26	13	..
Taupo ..	1,232	57.7	39.7	48.7	+0.0	65.0	21	31.1	26	5.69	15	+1.8*	1.38	13	140
Minginui Forest ..	1,650	58.9	37.4	48.2	+1.6*	71.8	28	22.0	18	6.53	17	+2.1*	1.63	13	..
Lake Waikaremoana ..	2,110	55.6	40.6	48.1	+1.6	67.9	29	30.8	26	5.18	16	-0.8	1.07	20	..
Waimibia ..	2,400	54.2	35.6	44.9	+0.1*	65.3	28	27.5	28	7.27	18	+2.3*	2.02	13	..
Taumarunui ..	562	60.3	42.1	51.2	+1.6	69.0	21	33.8	26	7.27	20	+2.5	1.59	1	103
New Plymouth Airfield ..	142	58.7	44.9	51.8	+0.9	62.2	21	36.1	26	3.85	18	-0.9*	0.90	13	..
New Plymouth ..	160	58.5	46.5	52.5	+0.8	62.8	21	38.3	28	3.32	14	-1.5	0.97	13	130
Te Wera Forest ..	590	57.2	41.3	49.2	+1.8*	63.0	21	29.0	7	5.98	18	-0.1*	1.47	13	..
Chateau Tongariro ..	3,670	47.0	33.5	40.2	+0.5	61.5	28	28.5	16, 27	11.54	18	+2.6	2.24	13	..
Ohakune ..	1,964	52.5	39.6	46.0	..	59.0	20	27.2	26	6.87	19	..	1.86	13	91
Karioi ..	2,125	53.5	37.4	45.4	+0.4	60.0	21	26.2	26	4.36	17	+0.5	1.43	13	..
Waiouru ..	2,700	50.6	35.6	43.1	..	56.3	1	23.8	26	3.86	17	+0.0*	0.77	13	..
Esk Forest ..	1,400	56.9	41.0	49.0	+2.1*	63.0	23, 28	32.4	26	3.92	14	-0.4*	0.71	13	..
Tangoio ..	980	57.8	44.4	51.1	+0.9*	65.2	23	35.0	26	3.12	13	-0.5*	0.90	13	..
Kuripapanga ..	1,600	56.8	37.2	47.0	+0.1*	66.6	28	27.3	23	4.68	14	-0.7*	1.01	24	..
Napier ..	5	60.2	45.7	53.0	+1.0	70.0	12	37.2	16	2.50	14	+0.6	0.51	24	154
Taradale ..	18	61.3	43.8	52.6	..	68.7	1	35.2	28	2.35	14	..	0.63	24	..
Hastings ..	45	61.7	43.0	52.4	+1.4	69.0	12	36.8	11	2.17	14	+0.2	0.57	24	..
Havelock North ..	30	60.4	41.2	50.8	+1.3*	69.2	1	34.4	11	2.67	12	+0.7*	0.53	24	..
Gwavas Forest ..	1,100	56.2	38.0	47.1	+0.7	64.0	22, 23	30.1	18	3.41	17	+0.2*	0.91	24	..
Stratford ..	950	55.7	41.7	48.7	..	60.0	21	30.9	18	7.10	15	..	2.01	1	111
Manaia ..	320	57.3	44.3	50.8	..	63.0	1	33.1	18	3.52	18	..	1.34	4	..
Wanganui ..	72	58.9	45.8	52.4	+0.3	66.1	1	36.0	7	2.20	15	+0.3	0.48	13, 24	106
Waipukurau ..	450	58.5	40.9	49.7	+0.7	66.8	13	30.9	18	2.43	14	+0.3*	0.72	24	125
Kopua ..	1,020	55.8	41.7	48.8	..	63.1	13	33.0	26	3.39	18	..	1.26	24	..
Marton ..	462	56.7	43.2	49.9	+0.9	64.0	1	31.9	26	2.87	17	-0.3*	0.60	13	..
Ohakea ..	155	58.6	44.8	51.7	+0.6	65.9	1	35.2	26	3.15	15	+0.5*	0.64	8	114
Flock House, Bulls ..	30	58.0	44.6	51.3	+1.3	64.5	1	29.5	15	2.84	14	+0.3	0.59	8	..
Milson, Palmerston North ..	140	58.8	43.8	51.3	..	65.0	1	31.0	26	3.55	16	..	0.80	8	..
Palmerston N., D.S.I.R. ..	110	58.0	44.9	51.4	+0.9	64.8	1	34.0	26	4.12	19	+1.2	0.92	23	101
Dannevirke ..	680	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rata Farm, Te Uri ..	1,600	52.2	41.3	46.8	..	60.1	13	31.2	26	3.83	19	..	0.75	23	..
Mangamutu, Pahiatua ..	380	56.7	43.9	50.3	..	64.2	1	32.0	7	6.77	20	+2.6*	1.83	23	..
Waitare, Levin ..	10	55.3	44.9	50.1	..	64.1	10	30.7	7	2.40	13	..	0.79	8	..
Levin ..	100	58.0	45.5	51.8	+1.3*	64.1	19	34.9	26	4.05	22	+0.7*	0.88	2	97
Kapiti Island ..	40	57.1	44.9	51.0	-0.3	64.0	20	37.9	7	3.31	..	+0.5	0.71	8	..