

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for October 1960—continued

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.			Maxi- mum	Date	Mini- mum	Date				Amount		Date
Ft.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	In.	In.	In.	In.	Hrs.		
Woodbourne	89	64.8	46.9	55.8	+2.8*	73.7	25	35.1	15	1.83	7	-0.89*	0.83	13	..
Blenheim	14	65.5	48.0	56.8	+3.1*	75.1	25	35.7	15	1.55	7	-0.65*	0.75	13	220
Lake Grassmere	15	62.3	49.5	55.9	..	71.3	9	40.0	17	1.56	7	..	1.10	13	220
Golden Downs	900	62.3	42.9	52.6	+2.5	69.8	25	31.6	15	3.36	15	-0.78	0.59	5	..
Waihopai	860	63.0	43.2	53.1	+0.3	71.6	26	32.8	15	2.71	8	-0.04	0.69	12	..
Westport	7	60.8	47.2	54.0	+1.5	69.0	4	40.0	15	6.39	13	-1.23*	1.07	7	162
Molesworth	2,930	58.6	37.0	47.8	+1.6*	70.0	27	26.0	15	1.91	7	-0.47*	0.64	29	..
Reefton	630	62.7	44.9	53.8	..	70.0	26	32.0	16	5.29	19	..	1.11	11	..
Totara Flat	254	64.4	44.6	54.5	..	79.0	6	33.0	16	5.30	16	..	1.47	12	..
Greymouth	13	61.4	50.0	55.7	+3.1*	71.8	4	39.3	15	10.19	16	+0.09*	2.57	12	156
Hanmer Forest	1,270	62.9	41.4	52.2	+1.6	72.5	26	29.5	15	3.77	12	-0.13	1.40	29	187
Hokitika South	15	60.4	47.0	53.7	+2.7*	67.9	4	37.2	31	9.70	16	-1.32*	1.94	7	180
Balmoral	650	64.4	42.1	53.2	+2.7*	74.5	27	28.9	15	1.29	6	-1.17	0.53	29	..
Lake Coleridge	1,195	61.6	43.1	52.4	+1.0	72.0	18, 26	31.2	15	2.28	10	-0.75	0.81	12	..
Eyrewell	520	63.0	42.7	52.8	..	76.8	27	31.3	15	2.66	10	-0.61*	0.60	1	..
Franz Josef	392	60.7	44.8	52.8	..	73.2	4	34.9	14	15.29	21	..	2.27	9	..
Ashley Forest	350	61.4	45.8	53.6	+1.6*	75.4	28	38.0	14	1.56	10	-1.08*	0.87	13	..
Darfield	640	64.0	43.7	53.8	+2.2	80.1	27	32.4	15	2.43	10	-0.26	0.61	13	..
Christchurch Airport	94	62.0	45.7	53.8	..	78.3	28	35.0	15	1.27	10	..	0.25	12, 13	161
Christchurch	22	63.3	46.4	54.8	+1.7	78.2	6	35.8	15	1.50	8	-0.45	0.47	29	..
Hororata	631	63.5	42.7	53.1	..	78.6	27	31.0	15	2.27	11	..	0.59	29	..
Onawe, Akaroa	150	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lincoln	36	61.5	44.4	53.0	+1.1	74.8	28	32.0	22	2.02	10	+0.30	0.52	12	187
Highbank	1,102	59.3	44.5	51.9	..	72.0	27	32.0	15	3.08	12	..	1.16	29	179
The Hermitage	2,510	59.7	40.7	50.2	+2.9	68.0	25	31.0	13	7.91	13	+9.32	1.85	11	160
Winchmore	526	61.6	42.9	52.2	+1.2*	77.2	27	31.0	15	1.75	9	-0.47*	0.75	13	..
Haast	15	59.7	46.7	53.2	+1.6*	66.7	30	37.8	21	8.31	14	-6.73*	1.98	18	166
Ashburton	323	65.2	44.4	54.8	+2.4	83.6	27	33.2	15	2.03	7	-0.39	0.83	13	163
Temuka	80	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fairlie	1,004	61.6	40.6	51.1	+1.0	78.0	27	29.0	15	2.46	10	-0.46	0.76	29	..
Timaru	56	63.6	45.9	54.8	+2.1	75.7	28	31.2	16	2.56	10	+0.63	1.07	13	172
Adair	200	59.0	45.5	52.2	+1.6*	71.1	28	36.2	15	2.51	10	-0.52*	0.92	29	..
Tara Hills, Omarama	1,600	63.7	39.8	51.8	+2.8*	72.2	25	27.3	15	1.57	7	-0.21*	0.47	11, 29	196
Benmore, Otematata	920	65.7	44.2	55.0	..	75.5	27	31.6	15	1.65	9	..	0.70	29	..
Lake Hawea	1,147	61.8	44.7	53.2	..	67.5	22	32.0	15	1.61	12	..	0.59	11	..
Milford Sound	20	59.3	45.7	52.5	+2.8	66.9	4	36.7	15	11.45	14	+14.39	2.08	9	..
Waimate	200	63.3	45.4	54.4	+2.2	75.2	28	37.2	16	2.00	10	-0.11	1.03	13	153
Naseby Forest	2,300	60.9	36.8	48.8	..	73.0	27	24.4	15, 31	2.08	9	..	0.67	13	..
Queenstown	1,100	61.9	42.8	52.4	+2.0	68.9	26	34.2	15	1.35	11	-2.01	0.49	11	189
Cromwell	720	66.3	44.3	55.3	+4.2*	74.2	26	31.4	15	0.60	8	-0.76*	0.21	13	..
Ophir	1,000	65.0	39.8	52.4	+1.9	72.7	27	25.8	15	0.86	4	-0.83	0.40	29	..
Moa Creek	1,400	63.1	38.0	50.6	..	70.7	26	23.0	15	1.10	5	..	0.38	29	..
Earnsleugh	500	67.5	40.7	54.1	+2.4*	77.2	27	27.0	15	0.70	5	-0.51*	0.36	29	..
Waipiata	1,550	60.9	39.8	50.4	+1.5	72.5	27	31.2	18	1.08	8	-0.55	0.41	28	207
Alexandra	520	67.1	44.3	55.7	+3.3	77.0	27	31.2	15	0.75	5	-0.47	0.41	29	203
Garston	1,009	64.5	40.6	52.6	..	71.9	4	28.0	15	1.18	8	..	0.43	29	..
Roxburgh Hydro	350	66.1	43.5	54.8	..	77.5	27	33.0	15	1.40	8	-0.14*	0.72	29	..
West Arm, Lake Manapouri	593	57.8	42.8	50.3	..	66.8	31	32.0	13, 15	6.55	21	..	1.89	11	..
Mid Dome	1,252	64.3	42.6	53.4	..	73.0	26	27.7	17	1.65	9	..	0.76	29	..
Cherry Farm, Waikouaiti	21	60.5	43.2	51.8	..	75.0	28	36.2	17	0.88	8	..	0.20	13	..
Moa Flat, West Otago	1,345	60.1	42.1	51.1	..	70.6	18	32.5	14	1.58	9	-0.71*	0.73	29	..
Taieri	80	62.6	44.0	53.3	+2.3*	79.8	27	33.7	20	1.24	11	-0.82*	0.43	13	156
Musselburgh, Dunedin	5	59.8	47.2	53.5	+0.9*	73.7	28	40.0	14, 15	1.09	14	-1.28	0.36	13	160
Riversdale	419	65.2	40.8	53.0	..	74.0	27	32.0	17	1.04	8	..	0.39	28	..
Tapanui	550	62.9	42.9	52.9	..	75.5	27	32.5	14	1.66	9	..	0.50	29	..
East Gore	245	64.4	42.3	53.4	+2.7	77.2	26	33.0	17	1.38	9	-1.47	0.27	29	..
Gore	240	64.8	42.0	53.4	+2.4*	75.0	26	33.0	14	1.34	9	-1.51*	0.30	9	168
Otautau	180	62.3	42.5	52.4	+2.3*	74.0	26	33.4	31	2.38	10	-1.03*	0.96	29	167
Pebble Hills	150	63.6	41.9	52.8	..	76.0	26	32.0	17	2.13	13	-0.80*	0.47	13	..
Invercargill Airfield	0	61.1	42.7	51.9	+2.9*	73.9	26	33.6	17	1.56	13	-1.92*	0.37	28	165

LATE RETURNS

Kuripapanga, Sep 1960	1,600	57.0	40.5	48.8	..	61.2	5, 26	29.2	4	6.37	..	..	2.51	14	..
Wallaceville, Sep 1960	195	57.9	41.7	49.8	+1.3*	67.0	30	30.0	27	4.00	17	-0.05*	1.35	9	122
Eyrewell, Sep 1960	520	56.0	37.3	46.6	..	70.9	9	25.2	11	1.79	10	-1.65*	0.61	9	..
East Gore, Sep 1960	245	56.6	36.1	46.4	-0.9	69.0	26	29.0	11, 22	2.12	7	-0.34	0.62	9	..

NOTE—At stations where departures from normal have an asterisk, the temperature record has been maintained for less than 10 years, the rainfall record for less than 20 years. Rainfall normals have been revised and now refer to the standard period 1921–50. Where observations are not available for the whole period, or where the site of the rain gauge has been changed, the normals are partly interpolated.

NOTES ON THE WEATHER FOR OCTOBER 1960

General: Warmer weather than usual with adequate rainfall provided very favourable conditions for stock and crops in most districts during October. However, a spell of comparatively dry weather from the 15th to the 27th was rather unwelcome in a few areas, causing some setback in growth.

Rainfall: Rainfall was somewhat below normal over the greater part of the country. Greatest departures were recorded in Taranaki, southern Hawke's Bay, and Southland, which all received only half the average.

In Canterbury, North Westland, the Nelson Province, and the Auckland Province rainfall was mainly close to normal. The only areas which received appreciably more than average (by about 50 per cent) were parts of Coromandel and eastern Northland.

Some flooding was reported in parts of Northland, Coromandel, and Bay of Plenty following heavy rain on the 4th and 5th. Waitekauri, near Waihi, received 8 in. during these two days.

Unusually heavy hail affected parts of Taranaki during the passage of cold fronts on the 14th and 30th. On the 14th parts of Auckland and Bay of Plenty were also affected.

Temperatures: It was warmer than usual, except in Northland. The departure exceeded two degrees over the greater part of the South Island and also in middle areas of the North Island enclosed by a line through New Plymouth, Taupo, Whakatane, Wairoa, Taihape, and Wanganui. Frosts were noticeably fewer than usual at this time of the year.

Sunshine: The North Island was favoured with more sunshine than average, mainly by about 20 hours. The highest sunshine recorded was 243 hours, at Te Pahi, in the far north, and this was a record for October in 30 years of observations. The other main area with more than 30 hours surplus included western and inland areas bounded by New Plymouth, Taupo, and Auckland.

In the South Island sunshine was close to normal.