

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for October 1973—continued

Station	Height of Station Above M.S.L.	Air Temperatures in Degrees (Celsius)								Rainfall in Millimetres					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	
	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs.
Kairanga, DSIR, September 1973	15	16.1	6.9	11.5	..	22.5	29	-0.5	10	127	17	..	30	15	154
Massey University, September 1973	61	15.4	8.0	11.7	..	21.5	29	0.6	9	153	17	+82	29	16	..
Cape Egmont, September 1973	8	15.2	..	..	..	18.5	18	..	..	143	16	+26	26	17	..
Ohakune, September 1973	610	13.1	4.3	8.7	+1.5	21.0	30	-3.0	9	163	19	+46	43	15	107
Kahui, Taihape, September 1973	518	13.6	5.9	9.8	..	20.0	29	0.9	9	120	15	..	36	15	..
Greymouth, September 1973	4	14.2	7.2	10.7	+0.5	19.7	18	2.0	8	166	20	-35	47	14	152
Black Birch Range, September 1973	1,396	7.2	1.1	4.2	+1.3	19.5	30	-5.5	8	81	..	..	..	..	..
Ski Basin, Craigieburn, September 1973	1,554	5.4	-1.8	1.8	+1.3	14.6	30	-8.7	8	..	..	..	..	..	..
Craigieburn Forest, September 1973	914	13.5	0.3	6.9	+1.5	24.3	30	-5.2	8	49	12	-88	17	14	..
Camp Stream, August 1973	1,433	..	..	..	..	..	..	..	..	165	..	..	..	..	..
Camp Stream, September 1973	1,433	7.5	0.5	4.0	+0.5	17.8	30	-5.2	8	127	..	..	..	..	..
Lake Pukaki No. 2, August 1973	556	6.7	-2.2	2.3	..	15.1	30	-5.6	9	75	14	..	16	30	..
Lake Pukaki No. 2, September 1973	556	14.5	1.9	8.2	..	24.0	30	-2.1	8	10	6	..	2	1	..
Otiake Farm, September 1973	183	15.3	4.4	9.9	..	25.8	30	-0.7	13	18	4	..	6	1	..
Raoul Island, July 1973	38	18.9	14.1	16.5	+0.5	21.8	23	11.1	31	140	24	-23	50	11	154
Raoul Island, August 1973	38	19.3	14.1	16.7	+0.7	21.7	18	11.5	1	201	23	+64	74	7	163
Raoul Island, September 1973	38	20.1	15.5	17.8	+1.5	22.7	28	11.2	4	65	21	-52	20	21	120
Campbell Island, February 1973	15	11.3	6.7	9.0	-0.2	13.1	1	3.1	8	71	21	-43	16	6	59
Campbell Island, March 1973	15	11.8	6.5	9.2	+0.7	15.8	29	-0.4	2	194	24	+64	54	6	58
Campbell Island, April 1973	15	9.0	3.9	6.5	-0.7	12.5	20	-2.6	17	118	27	-4	13	25	39
Campbell Island, May 1973	15	6.8	2.1	4.5	-1.5	10.5	15	-2.6	4	147	27	+7	31	9	19
Campbell Island, June 1973	15	7.4	3.1	5.3	+0.3	12.5	3	-4.7	11	83	29	-47	18	3	2
Campbell Island, July 1973	15	7.5	3.8	5.7	+0.9	11.2	20	1.1	7	97	29	-10	44	23	15
Campbell Island, August 1973	15	6.9	3.0	5.0	-0.2	11.6	29	-1.3	12	108	27	-1	21	3	9
Campbell Island, September 1973	15	8.2	3.7	6.0	+0.5	11.3	5	-1.4	3	129	30	+27	21	30	30
Scott Base, Antarctica, July 1973	16	-21.2	-32.5	-26.9	+2.8	-7.8	9	-49.1	19	..	..	..	..	..	..
Scott Base, Antarctica August 1973	16	-19.3	-33.6	-25.6	+4.6	-6.0	15	-46.1	9	..	..	..	..	..	..

The "normal" refers to the present site of the instruments. Standard periods for normals are: Temperature 1931-60, Rainfall 1941-70, Sunshine 1935-60. No normals are available for stations with only short records.

*Indicates that the sunshine recorder is not located at the station but is in the near vicinity.

A rain day is a day with rainfall equal to or greater than 0.1 mm.

Where the extremes of temperature and rainfall have occurred more than once during the month, the date of the first occurrence is given.

NOTES ON THE WEATHER FOR OCTOBER 1973

General—October was a dry and warm month for most of the country. The dry weather was already beginning to have a serious effect in Marlborough, where some farmers were selling off cows for lack of feed. Other areas affected, but less seriously, were Nelson, Canterbury, and Wairarapa.

Gales were widespread, especially in eastern districts, on the 1st.

Rainfall—Rainfall was below normal, mainly by 50 percent, except in South Westland, Fiordland, Southland, and Otago, where it was somewhat above normal. Greatest deficiencies were recorded in Bay of Plenty, most of which received less than a quarter of the normal rainfall.

Temperatures—Temperatures were mainly above normal and the departure amounted to more than 1°C in north-eastern areas of both islands.

The coldest days were the 4th, the 17th, the 25th, and the 26th.

Sunshine—Sunshine was close to normal over the greater part of the country. However, it was 30 to 50 hours below normal in Southland, over a considerable part of the West Coast, and in coastal districts of Otago and South Canterbury.

Weather Sequence—At the beginning of the month a trough of low pressure associated with a deep depression to the south was crossing New Zealand. North-westerly gales were reported in many areas, especially in eastern districts and about Cook Strait. Moderate amounts of rain were reported over a considerable area of the South Island and in Wellington and southern Wairarapa, but elsewhere the rain was mainly light. On the 2nd a weak ridge brought improved weather to some districts, but rain persisted in the west and south of the South Island. On the following day another trough associated with a depression far to the south crossed the country. More gales were reported and some snow in the South Island high country. Scattered rain affected most of the South Island and the southern half of the North Island. From the 4th to the 6th a large anticyclone crossed the North Island and the weather was mainly fine. However, rain commenced on the West Coast on the 6th with the approach of a trough of low pressure. During the following 2 days this trough crossed the country with the formation of a small depression over the North Island. Rain was reported mainly on the West Coast and in northern districts of the North Island.

From the 9th to the 11th another anticyclone moved eastward across the North Island with warm and mainly fine weather. However, by the 11th rain had commenced on the West Coast