

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for September 1979—continued
LATE RETURNS AND CORRECTIONS—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.			Maxi- mum	Date	Mini- mum	Date				Amount	Date	
	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs
Lower Retaruke, May 1979	223	14.6	5.2	9.9	+0.3	19.7	11	-2.2	30	177	14	..	39	14	..
Lower Retaruke, June 1979	223	14.3	3.2	8.8	+1.6	19.4	25	-2.2	5	34	9	..	23	1	..
Lower Retaruke, July 1979	223	12.1	3.2	7.7	+1.1	16.9	2	-5.4	7	90	20	..	28	25	..
Lower Retaruke, August 1979	223	12.9	3.6	8.3	+0.5	17.2	1	-2.9	17	126	21	..	20	1	..
Gladstone, Arahura, August 1979	116	12.1	3.9	8.0	+0.0	17.1	1	-3.5	11	149	22	+37	45	24	..
Ruatoria, August 1979 ..	61	15.4	4.6	10.0	-0.1	18.4	31	-2.0	10	255	17	+37	75	1	..
Wharerata Forest, August 1979	439	11.1	4.4	7.8	..	14.6	13	1.2	10	228	..	..	36	22	..
Makaretu, August 1979 ..	335	12.3	3.6	8.0	+0.4	16.9	13	-2.7	17	124	20	..	30	14	..
Ohakea, August 1979 ..	48	12.8	5.7	9.3	+0.0	17.4	2	0.4	17	119	22	+38	36	25	107
Foxton, August 1979 ..	3	..	..	..	..	..	..	..	..	101	22	+20	18	1	103
Porirua, August 1979 ..	94	..	5.2	..	..	..	..	0.4	10	195	23	+77	46	24	..
Taita, Lower Hutt, August 1979	65	11.6	4.8	8.2	-0.6	14.7	13	-1.3	11	164	26	+32	33	14	79
Wanganui Airport, August 1979	9	13.5	6.0	9.8	..	19.0	23	1.3	17	97	21	..	17	24	..
Springs Junction, August 1979	421	9.4	0.0	4.7	..	15.6	28	-6.0	16	160	20	-28	42	13	..
Puysgur Point, August 1979	43	..	4.8	..	..	..	..	0.5	8	141	24	-37	17	5	..
Balmoral Forest, August 1979	198	11.1	0.5	5.8	-0.1	16.4	31	-6.6	16	113	15	+55	29	25	..
Mount John, August 1979	1,027	4.8	-1.7	1.6	-1.1	13.7	31	-7.5	8	87	12	+49	45	25	147
Winchmore, August 1979 ..	160	9.6	1.5	5.6	-0.6	16.4	31	-2.4	8	113	16	+52	36	25	..
Eyrewell Forest, August 1979	158	9.9	1.0	5.5	-0.5	16.5	31	-3.5	16	112	15	+43	27	25	..
Fairlie, August 1979 ..	304	9.8	-2.0	3.9	..	19.9	31	-8.8	8	102	15	..	58	25	..
Invermay, Taieri, August 1979	30	10.1	1.2	5.7	..	18.9	31	-2.9	21	91	17	..	48	25	93
Cromwell, August 1979 ..	213	9.6	-2.1	3.8	-1.4	17.7	31	-6.6	21	30	13	+7	13	12	132
Milton, June 1979 ..	18	10.3	0.5	5.4	+0.5	15.6	22	-4.0	27	22	4	-44	11	22	..
Milton, July 1979 ..	18	10.1	1.0	5.6	+1.3	15.7	18	-3.7	22	51	16	+0	11	14	..
Milton, August 1979 ..	18	9.8	0.3	5.1	-0.8	16.0	31	-4.5	21	70	17	+32	27	25	..
Tautuku, August 1979 ..	61	10.0	2.5	6.3	..	16.5	31	-1.4	15	94	21	..	18	9	..
Rarotonga Airport, August 1979	7	24.8	18.8	21.8	+0.3	27.0	29	14.1	14	141	19	+19	54	6	156
Raoul Island, June 1979 ..	38	20.2	16.1	18.2	+0.9	22.3	14	12.3	1	122	20	-28	52	13	67
Raoul Island, July 1979 ..	38	19.1	13.6	16.4	+0.2	21.5	29	11.4	6	290	24	+127	153	9	134
Raoul Island, August 1979	38	19.6	13.6	16.6	+0.6	21.5	2	11.2	12	129	23	-8	28	22	190
Nandi Airport, Fiji, August 1979	15	28.1	18.1	23.1	-0.5	31.8	1	14.4	7	25	7	..	15	18	191
Totokoitu, Rarotonga, August 1979	9	24.1	18.5	21.3	..	27.1	22	14.6	14	318	16	..	112	6	..
Scott Base, Antarctica, February 1979	16	-7.1	-12.5	-9.8	+0.8	-1.8	16	-19.3	24	..	..	..	..	..	..
Scott Base, Antarctica, March 1979	16	-16.0	-25.4	-20.7	-0.5	-3.8	4	-39.6	27	..	..	..	..	..	..
Scott Base, Antarctica, April 1979	16	-15.9	-27.1	-21.5	+2.8	..	..	-41.7	19	..	..	..	..	..	..
Scott Base, Antarctica, May 1979	16	-24.0	-34.5	-29.3	-0.9	-17.2	1	-40.7	23	..	..	..	..	..	..
Scott Base, Antarctica, June 1979	16	-18.3	-29.9	-24.1	+2.1	-8.4	24	-45.0	19	..	..	..	..	..	..
Scott Base, Antarctica, July 1979	16	-27.2	-39.4	-33.3	-3.5	..	..	-52.7	30	..	..	..	..	..	..

The "normal" refers to the present site of the instruments. Standard period for normals is 1941-1970. 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.

WEATHER NOTES FOR SEPTEMBER 1979

General—In September pressures were below normal over the whole of New Zealand for the second month in succession. There was a greater frequency of westerly winds throughout the country, and in central districts a high frequency of gusts was recorded. At Kelburn, Wellington, there were 12 days in the month with gusts of at least 96 km/h (52 knots), and this is the greatest number recorded in any September since records began at this station in 1953. Cloudy conditions prevailed in most districts with above normal temperatures.

Ground conditions were still wet and muddy until late in the month, and cooler temperatures during the last week prevented good grass growth in most areas. Although lambing progressed fairly well, lack of sunshine and cooler wet conditions did cause some lamb losses in Wairarapa and Hawke's Bay. Stock on the whole was reported to be in good condition, but waterlogged ground in some districts has had its effect on cattle and dairy cows.

Rainfall—The only areas with below normal rainfall for the month were Nelson, Marlborough, and Canterbury, and parts of Northland, Waikato, Taranaki, and Manawatu. In Hawke's Bay and Wairarapa some places were above average by more than 100