

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for April 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.			Maximum	Date	Minimum	Date				Amount		Date
Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs	
Te Wera Forest, March 1979	180	21.6	12.6	17.1	+2.4	26.0	9	4.3	1	131	15	+19	43	16	..
Lower Retaruke, January 1979	223	24.6	11.4	18.0	+1.1	29.8	20	3.0	6	37	10	..	13	13	..
Lower Retaruke, February 1979	223	22.6	10.9	16.8	-0.2	29.4	2	5.0	24	146	13	..	34	17	..
Lower Retaruke, March 1979	223	23.2	13.2	18.2	+2.6	28.7	8	7.5	1	144	12	..	40	20	..
Pakaraka, January 1979 ..	152	23.6	13.9	18.8	..	31.5	10	8.4	6	16	3	..	8	13	..
Pakaraka, February 1979 ..	152	22.4	13.1	17.8	..	31.4	3	7.6	21	52	9	..	18	22	..
Gladstone, Arapura, March 1979	116	21.5	12.1	16.8	+1.4	27.0	7	4.5	1	224	..	+155	54	30	..
Ruatoria, March 1979 ..	61	23.7	15.0	19.4	+1.9	27.8	7	6.9	2	386	17	+234	85	20	..
Wharerata Forest, March 1979	439	19.8	13.2	16.5	..	24.7	18	8.6	1	438	..	..	95	19	..
Makaretu, February 1979 ..	335	23.4	9.9	16.7	-0.1	29.4	3	4.8	21	65	14	..	34	22	..
Makaretu, March 1979 ..	335	21.0	12.0	16.5	+1.3	27.7	7	7.8	3	295	23	..	67	20	..
Kapiti Island, February 1979	16	20.7	14.4	17.6	+0.5	25.2	4	10.7	21	90	11	+14	19	16	..
Kapiti Island, March 1979	16	19.9	14.6	17.3	+1.0	24.4	22	9.7	1	118	21	+42	27	29	..
Foxton, March 1979 ..	3	..	..	..	..	..	..	..	..	83	9	+27	16	21	..
Waiouru, February 1979 ..	823	18.3	..	..	..	25.2	3	..	..	65	12	-16	33	17	..
Waiouru, March 1979 ..	823	18.5	10.2	14.4	+2.3	23.4	8	3.1	1	131	16	+55	19	15	..
Kahui, Taihape, March 1979	518	20.9	12.1	16.5	+1.6	25.7	8	5.6	31	135	..	..	..	..	..
Lake Rotoroa, March 1979	443	18.8	8.9	13.9	..	23.0	8	0.4	1	45	..	..	20	29	..
Springs Junction, March 1979	421	18.7	10.1	14.4	..	26.0	23	2.6	12	55	17	-95	20	15	..
Hari Hari, March 1979 ..	45	20.2	12.3	16.3	+2.1	25.7	20	3.4	31	798	19	+458	222	6	..
Rai Valley, March 1979 ..	79	20.9	..	..	..	25.2	23	..	..	177	12	+37	43	27	..
Waihopai Power Station, March 1979	262	21.3	..	..	..	28.0	7	..	..	99	14	+35	19	20	..
Molesworth, March 1979 ..	893	19.4	7.1	13.3	+1.4	27.1	7	-1.6	1	80	..	+32	33	30	..
Hawarden, March 1979 ..	244	19.4	10.6	15.0	..	28.6	10	2.3	18	157	14	..	38	29	..
Craigieburn Forest, March 1979	914	15.9	6.8	11.4	-0.1	23.1	9	0.6	29	115	19	+13	27	15	..
Lake Coleridge, March 1979	364	18.1	..	..	..	27.0	9	..	..	105	20	+47	37	29	..
Darfield, March 1979 ..	195	18.5	10.1	14.3	-0.2	28.4	9	3.3	12	184	15	+110	40	21	..
Christchurch, March 1979	7	18.3	11.6	15.0	+0.0	28.1	9	5.4	1	187	12	+129	90	20	..
Lincoln, February 1979 ..	11	23.4	10.2	16.8	+0.4	32.5	3	4.0	24	48	7	-8	16	28	204
Lincoln, March 1979 ..	11	18.6	11.0	14.8	+0.4	28.4	3	3.6	12	133	14	+67	34	21	74
Akaroa, March 1979 ..	3	19.5	11.6	15.6	..	27.5	3	4.5	12	161	18	..	34	20	..
Adair, March 1979 ..	85	16.8	10.4	13.6	-0.2	28.4	6	6.0	18	147	18	+89	43	21	..
Oamaru Aerodrome, March 1979	30	16.6	10.5	13.6	+0.0	28.0	6	5.4	1	82	18	+29	18	10	75
Herbert Forest, March 1979	61	16.8	9.2	13.0	-0.2	28.0	6	4.4	3	73	23	-5	17	13	..
Te Anau, March 1979 ..	215	18.8	8.6	13.7	+0.9	35.4	13	2.4	17	35	..	-64	..	..	125
Queenstown Aerodrome, March 1979	349	18.4	9.0	13.7	+0.7	24.9	8	3.7	12	39	8	-30	11	28	..
Alexandra, February 1979	141	22.5	10.2	16.4	-0.4	32.0	3	3.2	10	14	10	-24	5	16	212
Alexandra, March 1979 ..	141	20.5	9.8	15.2	+0.6	26.7	6	4.5	12	45	14	+7	17	13	146
Roxburgh Power Station, March 1979	110	19.8	8.8	14.3	+0.1	29.0	6	2.0	30	45	9	-3	13	13	..
Tautuku, March 1979 ..	61	15.7	9.1	12.4	..	24.2	6	4.7	12	36	..	..	7	15	..
Nandi Airport, Fiji, March 1979	15	31.6	22.5	27.1	+0.3	33.3	23	20.5	14	358	22	..	125	27	189
Totokoitu, Rarotonga, March 1979	9	28.8	23.2	26.0	..	30.6	23	20.8	21	301	22	..	119	25	..

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 SEQUENCE APRIL 1979

The depression and cold front that crossed the North Island at the end of March continued to move north-east, and an anticyclone had moved onto New Zealand by the morning of the 1st. This anticyclone persisted until the 4th when it began to move eastwards, but a ridge of high pressure covered most of the country until the morning of the 5th. A cold front associated with a depression to the south of the country moved onto the West Coast early on the 5th and brought heavy rain to Fiordland, Westland, and parts of Buller, with light showers being recorded west of the main ranges in other parts of both Islands. Temperatures were above or near normal in most eastern districts of New Zealand.

On the morning of the 6th a depression which had formed near Tasmania began to move eastwards towards New Zealand, and by the 7th was lying to the west of the South Island. As the cold front ahead of this depression moved north-east across the country heavy rain was recorded in Westland, with light to moderate falls throughout most of the South Island and parts of the North Island. Some areas on the West Coast had more than 200 mm in 48 hours and many stations in Westland and Buller had between 50 mm and 150 mm in this period. The only areas without rainfall were east of the main ranges in the North Island.

By the 10th a cold front had moved onto the South Island, and a small wave depression had formed on a front in the North