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CLIMATOLOGICAL TABLE

FOR OCTOBER 1987

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for October 1987—continued

Station	Height of Station Above M.S.L.	Air Temperature 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	°C	mm	mm	mm	Hrs		
LATE RETURNS AND CORRECTIONS															
Kaikōhe Dsir Edr 09/1987	204	14.5	9.0	11.8	..	17.3	3	5.1	1	127	21	..	25	8	..
Kumeu 09/1987	32	16.2	9.4	12.8	+0.9	18.2	30	1.0	1	142	17	..	25	14	..
Te Puke 09/1987	91	16.9	6.7	11.8	+0.2	19.7	29	2.8	26	81	15	-99	18	2	174
Galatea 08/1987	190	15.3	2.8	9.1	..	19.6	24	-4.0	13	56	8	..	30	4	..
Pukekohe Maf 09/1987	82	15.6	8.9	12.3	+0.6	18.5	30	4.2	1	156	24	..	25	15	..
Pukekohe Edr 09/1987	82	..	..	..	..	..	..	..	..	..	..	..	..	..	..
New Plymouth 09/1987	55	15.2	8.5	11.9	+0.4	17.5	27	3.8	1	133	21	+23	27	2	..
Lower Retaruke 09/1987	223	14.6	5.9	10.3	+0.3	18.6	26	-0.2	6	137	20	+16	29	11	..
Hastings Civic Sq. 09/1987	16	17.6	5.4	11.5	..	25.0	30	0.8	7	11	6	..	5	9	..
Makaretu 04/1987	335	17.4	7.7	12.6	+0.1	23.1	21	1.4	25	104	15	+7	50	10	..
Makaretu 05/1987	335	15.2	4.6	9.9	+0.2	19.7	28	0.0	4	50	15	-37	15	20	..
Makaretu 06/1987	335	12.7	2.3	7.5	+0.0	17.4	15	-3.2	17	50	15	-51	11	29	..
Makaretu 07/1987	335	11.2	2.7	7.0	+0.2	15.5	8	-2.6	7	107	17	+8	32	18	..
Ongaonga Thornton 09/1987	190	15.7	3.7	9.7	..	19.9	28	-1.0	1	26	12	..	6	9	..
Westport Te Kuha Edl 09/1987	680	8.7	3.9	6.3	..	12.4	26	1.6	16	510	26	..	66	12	..
Deep Cove 2 09/1987	3	11.7	4.5	8.1	..	15.0	1	1.4	23	534	..	..	78	29	..
Pelorus Sd Crail Bay 08/1987	13	14.3	6.1	10.2	..	16.1	1	1.5	25	111	..	..	..	..	..
Brancott Valley 09/1987	64	16.9	5.0	11.0	..	25.6	28	0.1	16	21	..	..	11	11	..
Craigieburn Forest 09/1987	914	12.8	0.3	6.6	+1.0	18.2	28	-4.2	16	106	16	-35	39	30	..
Fairlie Riverview Tce 09/1987	304	..	1.8	..	..	..	..	-4.2	6	28	11	..	8	11	..
Timaru 2 09/1987	17	14.4	5.2	9.8	..	26.5	28	-0.6	6	24	10	..	9	10	123
Kurow 09/1987	207	14.5	4.0	9.3	..	21.9	27	-1.2	8	30	11	..	10	11	..
Knobs Flat 07/1987	375	7.3	-1.6	2.9	..	11.2	8	-5.5	26	180	..	+14	67	20	..
Knobs Flat 08/1987	375	10.2	2.2	6.2	..	14.5	23	-3.5	1	146	..	-13	29	6	..
Lake Hawea 09/1987	350	12.7	2.9	7.8	-0.5	19.1	26	-0.6	6	59	15	-15	21	2	..
Tapanui 09/1987	215	12.5	2.8	7.7	-0.7	19.5	27	-1.4	8	131	..	+70	..	..	..
Balclutha Finegand 09/1987	6	13.8	..	..	..	20.0	1	..	..	55	14	+13	21	20	..
Ci Raro Totokoitu 08/1987	9	23.1	18.0	20.6	-0.8	26.2	31	13.3	20	135	18	..	34	16	..

The "normal" refers to the present site of the instruments. Standard period for normals is 1951-1980. 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 rainday 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.

THE WEATHER IN NEW ZEALAND IN OCTOBER 1987

General—October was generally warmer, with drier than usual conditions in eastern regions of the North Island.

North-easterlies predominated over the north of the North Island, with strong winds more frequent than usual. North-westerlies prevailed over the South Island, with strong winds being less frequent than usual. Some high wind gusts recorded in October were 82 knots (152 kmph) from the south, and 73 knots (135 kmph) from the west, at Kaikoura and at Invercargill Airport respectively, on the 2nd.

Heavy snow occurred in inland Canterbury on the 13th and 14th. On the afternoon of the 13th maximum temperatures in Canterbury were 10°C or more below average in the cold southerly conditions. Fresh snow was seen on the Rimutaka Range and on the tops of the Orongoronga's in the North Island on the 16th.

Rainfall—Rainfall was about twice normal for October at Blenheim, Lake Coleridge and Haast. Rainfall totals of 120 to 160 percent of normal were recorded in Marlborough, Nelson, Canterbury, Westland, Otago, and Southland.

Large amounts of rain, totalling 265 and 235 mm were recorded in the 24 hours to 9 a.m. on the 7th at Milford Sound and Franz Josef respectively. A total of just over 900 mm was recorded for the month at Milford Sound.

Rainfall was below normal along the east coast of the North Island. In Gisborne rainfall was only half normal. Very little rain was recorded in Hawke Bay. Only 10 mm (16 percent of normal) was recorded at Napier Airport, and was the lowest recorded in October (equal with 10 mm in 1984) since records began there in 1950. The 3 months from August to October 1987 was also the driest August to October period there since records began, with only 68 mm (31 percent of normal rainfall).

Temperature—Mean daily temperatures were 0.5 to 1°C above normal over much of the North Island, and near, to 0.5°C above normal in the South Island.

Sunshine—Hours of bright sunshine were 110 to 115 percent of normal for October in Wellington, Horowhenua and Wairarapa. It was cloudier in Taranaki, Waikato, over the Auckland Peninsula and in Otago, where sunshine hours were 80 to 90 percent of normal.

J. S. HICKMAN, Director.

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THESE MAPS ARE MEAN SEA LEVEL ANALYSES
FOR 0000 HOURS. THEY WERE PREPARED BY
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