



SUPPLEMENT  
TO THE  
**NEW ZEALAND GAZETTE**  
OF  
THURSDAY, 24 JULY 1986

*Published by Authority*

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WELLINGTON: FRIDAY, 25 JULY 1986

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**CLIMATOLOGICAL TABLE**  
FOR MAY 1986

NEW ZEALAND METEOROLOGICAL SERVICE

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for May 1986

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	mm	mm	mm	Hrs					
Cape Reinga	191	..	..	..	..	..	..	94	..	-5	36	17	..		
Kaitaia Airport	80	..	..	..	..	..	..	..	..	..	..	..	..		
Aupouri Forest	69	18.9	12.1	15.5	+0.2	21.2	20	1.5	30	96	19	-20	38	20	
Kaitaia	8	19.5	10.3	14.9	..	22.0	12	3.3	29	100	19	..	38	25	
Kaitaia	85	18.7	11.0	14.9	..	20.7	20	3.8	29	99	20	..	38	25	
Kerikeri M A F	79	19.2	..	..	..	21.6	26	..	..	155	26	..	51	25	
Kerikeri Downs	74	..	..	..	..	..	..	..	..	..	..	..	..	..	
Kerikeri Downs 2	74	18.8	9.8	14.3	..	21.0	17	2.9	29	136	22	..	43	25	
Kerikeri Aerodrome	150	18.5	9.6	14.1	..	20.8	17	3.2	29	131	19	..	49	25	
Panguru	9	..	..	..	..	..	..	..	..	..	..	..	..	..	
Waiootemarama	229	17.0	10.5	13.8	+0.1	19.5	16	4.6	28	152	18	..	42	25	
Waipoua Forest	88	18.4	9.1	13.8	+0.6	21.5	20	1.5	29	216	20	+50	39	17	
Dargaville	20	..	..	..	..	..	..	..	..	..	..	..	..	..	
Waitangi Forest	55	19.0	10.4	14.7	+0.3	22.0	17	3.2	29	143	15	+5	55	20	
Glenbervie Forest	107	18.0	7.7	12.9	+0.6	21.0	17	-1.5	29	122	20	-54	50	25	
Whangarei Airport	37	18.6	10.6	14.6	+0.4	21.5	17	3.5	29	102	21	-45	36	25	
Whangarei	29	19.3	9.6	14.5	+0.5	23.0	17	1.7	29	125	19	..	37	20	
Marsden Power Stn	3	19.6	10.5	15.1	+0.6	21.8	17	3.5	29	118	16	+15	39	25	
Pouto	97	17.8	11.3	14.6	..	20.9	10	4.9	29	124	19	..	31	25	
Leigh	27	18.3	13.1	15.7	+1.0	20.6	12	8.4	29	91	17	-14	26	20	
Warkworth	72	18.0	8.3	13.2	+0.2	20.8	17	-0.2	29	120	18	-31	36	25	
Woodhill Forest	30	18.2	8.7	13.5	+0.2	21.9	1	-0.9	29	139	18	+0	28	17	
Riverhead Forest	28	18.4	7.6	13.0	+0.3	20.6	26	-1.5	29	115	14	-33	22	25	
Kumeu	32	18.3	7.5	12.9	+0.3	20.7	26	-2.2	29	124	17	..	24	26	
Whenuapai	26	18.0	8.5	13.3	+0.3	20.9	11	-0.7	29	99	16	-39	22	25	
River Park Henderson	4	18.5	7.4	13.0	..	21.5	26	-1.6	29	110	19	..	23	25	
Albert Park Auckland	49	18.3	11.1	14.7	+0.4	20.9	12	5.1	29	93	17	-31	36	25	
Owairaka, Auckland	41	17.9	9.6	13.8	+0.4	20.7	12	1.7	29	97	15	-37	32	25	
Port Fitzroy	4	18.9	10.4	14.7	+0.2	21.1	17	3.8	29	176	22	-21	83	20	
Little Barrier Is	2	18.5	12.2	15.4	..	20.4	17	6.9	29	138	20	-12	60	20	
Rotoroa Is	30	17.9	12.7	15.3	..	19.9	16	8.4	29	68	..	..	18	25	
Awaroa Valley	30	18.3	9.7	14.0	..	20.5	12	1.5	29	100	15	..	28	25	
Manukau Heads	244	16.2	10.7	13.5	..	19.1	11	5.4	29	102	16	+3	18	17	
Coromandel	43	18.6	9.1	13.9	..	22.2	17	1.2	28	121	17	..	45	25	
Whangapoua Forest	4	19.3	7.3	13.3	+0.3	23.1	17	-0.6	29	136	..	-41	45	20	
Thames	3	17.9	9.5	13.7	+0.4	21.2	17	1.6	29	86	19	-34	19	21	
Tairua Forest	3	18.1	7.5	12.8	+0.0	21.3	17	-0.2	29	125	15	-59	40	20	
Ngatea	1	18.3	5.9	12.1	..	21.5	12	-3.5	29	81	17	..	18	17	
Paeroa	4	18.1	7.3	12.7	+0.8	21.2	26	-2.4	29	79	17	-45	19	17	
Waihi	91	16.8	6.2	11.5	-0.3	21.1	17	-2.8	25	106	16	-100	24	20	
Te Aroha	18	18.1	7.3	12.7	+0.3	20.5	9	-2.3	29	68	16	-82	14	20	
Katikati	2	18.2	7.3	12.8	..	21.2	14	0.3	29	99	13	..	34	26	
Waharoa	60	17.6	6.0	11.8	..	20.5	12	-2.0	29	65	10	..	20	20	
Tauranga	2	17.8	9.1	13.5	+0.4	20.8	12	3.4	29	88	9	-44	42	20	
Tauranga Airport	4	17.6	7.6	12.6	+0.2	20.5	12	2.3	29	83	13	-47	28	20	
Te Puke	91	17.4	6.0	11.7	-0.2	19.9	8	-0.4	29	125	11	-79	61	20	
Rotoehu Forest	72	17.0	3.4	10.2	-0.6	19.3	8	-1.8	29	109	11	-50	53	20	
Whakatane Airport	6	17.4	4.9	11.2	+0.0	19.7	15	-0.8	29	82	10	-25	37	20	
Te Kaha	6	18.3	9.3	13.8	..	21.0	13	5.1	29	244	11	..	124	20	
Port Ohope	9	18.1	8.9	13.5	+0.7	20.6	8	3.0	29	95	11	..	32	20	
Kinleith	383	14.2	..	..	..	16.5	11	..	..	126	14	-21	45	20	
Tikitere	338	15.1	..	..	..	18.2	11	..	..	107	12	..	39	20	
Kawerau	30	17.6	6.1	11.9	-0.1	21.0	13	-3.0	29	168	11	-6	76	26	
Te Teko	8	17.3	6.0	11.7	-0.2	20.1	21	0.5	28	146	10	-8	50	26	
Rotorua Airport	287	15.4	5.4	10.4	+0.0	17.6	11	-1.3	29	123	15	-14	50	26	
Waiotapu Forest	435	14.1	4.1	9.1	-0.1	16.9	17	-2.2	24	105	14	-24	35	26	
Atiamuri Power Stn	253	16.1	3.9	10.0	+0.0	26.5	12	-1.2	24	116	13	+0	43	20	
Kaingaroa Forest	544	13.0	2.6	7.8	-0.9	15.5	1	-3.2	29	139	13	-1	36	20	
Murupara	198	15.7	2.8	9.3	-0.3	18.2	9	-2.4	29	117	10	-3	53	26	
Ohaaki	350	14.8	3.0	8.9	..	17.4	17	..	..	126	18	..	48	20	
Wairapukao Forest	437	14.2	0.7	7.5	-0.5	16.7	9	-5.4	24	101	13	-29	30	20	
Taupo	376	14.5	3.8	9.2	-0.4	17.2	17	-2.0	24	112	17	+10	60	20	
Wairakei Power Stn	342	14.8	3.4	9.1	-0.6	17.5	8	-5.5	9	121	15	+14	55	20	
Wairakei Research Stn	402	15.2	2.9	9.1	+0.0	18.9	8	-3.7	29	133	13	+28	62	20	
Minginui Forest	366	14.4	2.8	8.6	+0.1	17.4	7	-3.5	24	141	13	+8	37	20	
Taupo Airport	400	14.0	4.0	9.0	-0.3	17.1	17	-2.6	24	119	11	+36	60	20	
Waimihia Forest	743	10.9	3.0	7.0	+0.1	13.7	11	-3.7	24	212	17	+56	85	20	
Opotiki	6	17.6	7.6	12.6	+0.3	19.7	2	1.7	29	122	10	-8	49	20	
Waimana	37	..	..	..	..	..	..	..	..	142	10	-28	59	20	
Matawai Maf Edl	580	..	..	..	..	..	..	..	..	..	..	..	..	..	
Mangere Auckland	4	17.8	9.9	13.9	+0.5	20.5	17	3.1	28	146	16	+23	43	25	
Otara Auckland	12	18.1	8.4	13.3	+0.4	21.1	14	-0.1	29	106	16	-12	30	25	
Auckland Airport	8	17.8	10.1	14.0	+0.6	20.1	11	3.5	29	115	15	+4	29	25	
Ardmore	30	18.1	7.4	12.8	+0.3	20.7	15	1.3	29	112	18	-14	24	25	
Pukekohe	82	17.5	8.8	13.2	+0.5	19.7	11	1.5	29	120	19	..	35	25	



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Station	Height of Station Above M.S.L.	Air Temperature in Degrees Celsius								Rainfall in Millimetres					Bright Sun-shine Hrs
		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			
Wellington Airport	6	15.6	9.7	12.7	+0.9	18.5	12	5.4	28	51	17	-63	10	20	..
Rimutaka Forest	37	..	6.4	..	..	..	..	1.2	20	88	15	..	24	13	..
Kaitoke	223	14.3	5.2	9.8	+0.5	18.1	12	-2.6	20	198	20	-26	68	20	107
Wallaceville	56	15.7	5.9	10.8	+0.7	19.1	12	-0.6	20	84	20	-54	22	30	125
Cape Egmont	8	16.4	9.9	13.2	+0.4	19.0	15	3.7	20	129	18	-14	25	30	..
Stratford Mtn House	846	..	3.6	..	..	..	..	-1.0	8	343	21	-307	106	16	..
Stratford Dem Farm	311	14.5	6.3	10.4	+0.3	17.5	15	0.9	24	203	18	+1	58	20	138
Kapuni	173	15.8	8.4	12.1	..	19.6	18	2.0	26	132	20	..	27	30	..
Manaia Dem Farm	98	15.5	7.4	11.5	+0.2	20.0	17	1.0	24	140	16	+3	34	21	126
Normanby Edr	122	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Normanby	122	15.6	7.0	11.3	+0.9	18.8	15	-2.2	28	115	22	..	21	21	..
Patea	43	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pipiriki	80	15.7	6.8	11.3	..	18.8	9	0.9	24	134	18	..	31	20	..
Ohakune Junction	629	..	..	..	..	..	..	..	..	124	..	-32	..	..	..
Karioi	648	..	3.3	..	..	..	..	-3.0	24	100	16	-21	21	30	..
Waiouru	823	11.7	2.9	7.3	+0.5	18.7	20	-3.1	24	88	18	-19	21	30	..
Waiouru Military Camp	823	11.2	2.3	6.8	+0.2	..	..	-4.1	24	84	18	-33	17	30	..
Ahu Ahu Valley	85	16.1	5.9	11.0	..	19.1	11	0.4	24	142	18	..	26	21	..
Taihape	433	14.6	2.4	8.5	+0.0	18.0	11	-3.1	24	74	21	-19	17	21	..
Kahui, Taihape	518	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wanganui	22	16.4	8.2	12.3	+0.4	21.0	17	2.2	28	85	17	+0	19	30	131
Wanganui Airport	9	16.3	8.1	12.2	..	20.3	17	3.2	20	82	17	-2	25	30	..
Kotinga Takaka	25	16.5	5.1	10.8	..	21.0	1	-0.3	28	215	16	..	73	16	165
Totaranui	10	16.2	6.9	11.6	..	20.0	4	2.1	28	238	14	+98	51	20	..
Westport Airport	2	14.7	7.2	11.0	+0.1	17.4	26	4.5	28	165	22	-55	22	20	102
Cobb Dam	823	11.0	2.3	6.7	+0.4	16.2	12	-1.5	7	184	17	-63	44	16	..
Arapito	20	15.7	6.8	11.3	..	19.7	11	1.5	30	210	20	..	48	30	86
Lake Rotoroa	443	11.8	3.1	7.5	..	16.9	12	-3.6	28	160	..	..	40	30	..
Lake Rototiti	634	11.8	1.4	6.6	+0.4	17.0	12	-5.0	28	116	17	-35	30	30	..
Hokitika Airport	39	14.3	5.9	10.1	+0.2	17.6	13	1.9	19	188	18	-83	42	29	108
Punakaiki	4	14.9	9.2	12.1	..	18.4	11	6.2	27	227	20	..	34	29	..
Reefton	198	..	3.6	..	..	..	..	-4.0	28	190	16	-10	37	30	..
Barrytown	30	14.8	8.9	11.9	..	18.5	16	5.8	28	229	18	+1	39	20	..
Totara Flat	77	13.7	3.8	8.8	+0.2	19.4	13	-3.6	28	181	19	-13	36	30	..
Greymouth	4	..	7.4	..	..	..	..	3.5	28	177	18	-49	35	20	78
Otira Substation	383	12.1	3.5	7.8	+0.3	18.4	13	-1.8	28	434	17	-46	103	20	..
Springs Junction	421	10.5	..	..	..	18.0	13	..	..	193	29	-73	22	30	..
Pukekura	86	14.2	3.7	9.0	..	18.5	13	-0.9	28	189	17	..	33	30	..
Hari Hari	45	14.7	3.0	8.9	+0.2	19.0	13	-5.3	31	281	19	-36	67	20	..
Okarito	10	..	..	..	..	..	..	..	..	191	14	..	33	21	..
Franz Josef	155	13.6	5.7	9.7	..	18.2	13	1.8	31	319	14	..	56	20	94
Fox Glacier	152	13.7	4.8	9.3	+0.4	18.2	13	1.4	31	304	15	-86	50	3	..
Milford Sound	3	11.7	3.7	7.7	-0.8	15.8	12	-0.2	23	400	16	-124	114	29	..
Deep Cove	30	..	..	..	..	..	..	..	..	412	..	..	..	..	..
Puyssegur Point	43	12.3	7.9	10.1	..	16.5	10	..	..	226	25	+15	41	17	..
Stephens Is	187	14.3	10.2	12.3	+0.6	17.0	11	6.0	28	70	14	-14	15	20	..
Riwaka Motueka	8	16.0	4.3	10.2	+0.1	21.7	12	-1.5	28	131	12	-20	53	16	156
Tapawera	146	15.4	2.3	8.9	..	21.3	12	-3.3	28	79	13	..	16	30	..
Crail Bay Pelorus Sd	13	15.8	9.2	12.5	..	19.5	12	4.6	28	166	13	..	47	20	..
Appleby	17	15.8	5.5	10.7	+0.3	19.9	17	-0.5	28	79	11	-26	30	16	..
Nelson Airport	2	15.5	4.8	10.2	+0.4	19.0	14	-0.9	28	82	11	-29	27	16	179
Rai Valley	79	16.0	4.3	10.2	+0.7	21.2	12	-3.5	28	243	12	+32	60	20	..
Moutere Hills	110	15.4	7.7	11.6	+0.7	20.5	12	3.5	28	76	11	-31	20	20	..
Blenheim Research	4	16.4	5.5	11.0	..	21.2	12	-1.1	28	61	10	..	19	20	175
Wairau Valley	162	15.6	4.3	10.0	..	22.0	12	-4.2	28	66	7	..	23	16	..
Blenheim Airport	27	16.6	5.0	10.8	+0.9	21.6	4	-2.3	28	103	10	+21	25	16	..
Brancott Valley	64	16.4	5.1	10.8	..	21.6	12	-1.6	28	80	9	..	23	20	..
Wither Hills Blenheim	32	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Duntroon	350	15.7	4.3	10.0	..	..	..	-1.7	28	71	11	-14	18	30	..
Lake Grassmere	2	15.9	6.8	11.4	+0.7	20.7	1	1.1	28	44	7	-18	11	16	157
Cape Campbell	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Boyle River Lodge	600	12.2	1.8	7.0	..	18.8	12	-3.9	28	183	..	..	42	30	..
Hanmer Forest	387	14.0	1.3	7.7	+0.4	20.5	11	-4.0	24	63	11	-52	28	30	110
Molesworth	893	..	-0.9	..	..	..	..	-6.5	7	35	..	-34	14	30	..
Kaikoura Flats	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kaikoura	108	14.4	8.1	11.3	+0.8	19.6	1	3.2	28	23	13	-74	12	18	147
Arthurs Pass	738	9.2	1.2	5.2	..	15.0	13	-4.5	28	376	17	-7	93	20	..
Culverden	174	15.1	1.8	8.5	..	21.0	15	-6.0	7	29	7	..	13	30	..
Balmoral Forest	198	14.9	1.9	8.4	+0.6	21.0	12	-4.7	26	48	11	-12	15	30	..
Waiou	137	16.6	1.7	9.2	..	23.9	12	-4.4	26	28	7	..	11	30	..
Cheviot	85	15.4	2.6	9.0	..	21.6	11	-3.7	28	29	9	..	11	18	128
The Hermitage Mt Cook	765	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mt John	1027	8.8	1.5	5.2	+0.3	15.4	7	-3.9	19	62	7	+5	25	20	..
Ski Basin Edl	1554	5.2	-0.8	2.2	..	13.3	7	-7.3	28	134	17	..	33	30	..
Craigieburn Forest.	914	9.8	0.4	5.1	+0.0	16.0	9	-4.6	28	96	14	-62	34	30	..

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	Hrs			
Lake Coleridge	364	14.0	2.6	8.3	+0.9	21.0	12	-2.8	24	93	14	+9	31	20	..
Highbank Power Stn	336	13.4	4.8	9.1	+0.6	19.6	11	-1.0	28	73	10	-13	25	20	142
Hororata Substation	192	14.6	1.6	8.1	+0.2	21.1	11	-4.4	26	56	10	-16	17	20	133
Winchmore	160	13.7	3.0	8.4	+0.5	19.3	12	-2.0	24	51	9	-18	20	18	..
Peel Forest	274	13.7	1.0	7.4	+0.2	19.9	3	-4.1	24	95	21	+35	36	18	..
Ashburton	101	14.3	2.2	8.3	-0.3	21.5	12	-3.0	24	35	9	-34	10	18	147
Waipara	64	14.7	3.9	9.3	-0.1	21.5	11	-2.7	24	35	9	-22	11	30	..
Ashley Forest	107	14.0	4.9	9.5	+0.1	21.0	11	0.6	28	37	9	-37	11	30	..
Rangiora	46	14.9	2.4	8.7	-0.1	21.8	11	-3.4	26	32	11	-35	9	16	..
Darfield	195	14.5	3.7	9.1	+0.7	22.5	11	-1.6	28	55	11	-24	16	18	..
Eyrewell Forest	158	14.1	1.8	8.0	-0.1	21.2	11	-3.6	26	50	11	-30	11	16	..
Christchurch Airport	30	14.7	2.5	8.6	-0.3	21.6	11	-3.4	24	29	10	-38	6	30	162
Templeton	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Christchurch	7	15.1	3.8	9.5	+0.3	20.1	11	-1.8	29	31	10	-43	5	20	..
Bromley Christchurch	9	14.9	5.2	10.1	+0.4	19.7	4	0.4	25	28	11	-46	9	18	..
Mt Pleasant	137	14.5	8.3	11.4	+0.9	20.0	11	3.5	28	27	11	-59	5	27	..
Lincoln	11	14.3	2.9	8.6	-0.2	19.6	11	-2.4	24	36	12	-32	11	18	139
Quail Island	75	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Akaroa	3	15.7	4.7	10.2	+0.3	22.5	11	0.0	28	49	10	..	27	18	..
Lake Tekapo	683	10.3	0.3	5.3	-0.7	16.8	12	-8.0	20	92	8	+32	32	18	..
Fairlie	304	12.8	-1.5	5.7	..	18.9	3	-7.0	24	62	7	..	29	18	..
Twizel	457	11.0	-1.4	4.8	-0.7	18.2	12	-6.2	24	55	10	-3	16	20	..
Twizel Substation	451	10.9	0.4	5.7	..	18.0	12	-4.5	24	54	9	..	15	20	..
Ikawai	70	13.4	1.3	7.4	-0.4	21.0	3	-4.0	24	110	3	+69	79	17	..
Geraldine	119	13.8	1.9	7.9	-0.2	20.6	12	-2.5	20	49	9	-16	30	18	..
Orari Estate	81	12.8	1.7	7.3	-0.4	19.3	12	-2.2	20	45	8	-16	26	18	..
Temuka	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Timaru Airport	26	13.7	1.5	7.6	-0.2	20.6	3	-2.7	26	66	6	+19	37	18	..
Adair	85	13.0	4.7	8.9	+0.1	19.6	3	0.6	20	54	9	+7	31	18	..
Timaru 2	17	13.1	3.6	8.4	..	21.0	3	-1.0	26	56	9	..	26	18	145
Waimate	61	13.7	3.1	8.4	-0.8	21.2	3	-1.6	24	112	5	+57	74	17	..
Aviemore	241	12.5	3.1	7.8	..	17.6	3	-4.0	23	44	8	+7	18	18	..
Kurov	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Oamaru Airport	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Knobs Flat	375	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lake Hawea	350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wanaka	296	12.6	1.4	7.0	+0.1	19.0	12	-4.0	24	81	11	+14	26	29	..
Queensberry	277	12.1	2.1	7.1	..	17.8	12	-4.8	24	98	13	..	35	29	..
Bendigo	200	12.6	1.8	7.2	..	19.6	12	-3.7	26	51	10	..	21	20	..
Naseby	607	10.5	0.1	5.3	..	18.2	11	-5.6	24	54	10	..	18	20	..
Oamaru	5	13.0	4.2	8.6	..	20.2	3	-0.4	20	94	4	..	68	17	..
Ranfurly	427	10.5	-0.5	5.0	-0.3	19.1	12	..	..	51	10	+19	27	17	116
Herbert Forest	61	13.1	1.9	7.5	-0.5	20.0	3	-4.0	24	123	10	+73	72	17	..
Palmerston	21	13.0	1.3	7.2	-0.4	19.6	3	-4.2	24	115	8	+59	88	17	127
Cherry Farm Hospital	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Taiaroa Head	72	11.9	6.5	9.2	+0.0	17.2	3	..	..	72	16	+2	37	17	..
Invermay Edr	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Berwick Forest	18	12.3	2.8	7.6	+0.0	17.8	12	-3.5	24	83	22	+12	26	17	..
Dunedin Airport	1	12.8	1.5	7.2	-0.3	18.1	12	..	..	73	18	+14	37	17	116
Musselburgh Dunedin	2	12.0	5.8	8.9	-0.2	17.8	29	0.0	24	60	16	-20	38	17	111
Te Anau	215	12.2	3.2	7.7	+0.8	18.1	4	-3.2	23	75	11	-26	19	3	89
West Arm. Manapouri	232	9.6	..	..	..	13.5	11	..	..	245	20	-140	60	3	..
Borland Burn	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Queenstown	329	12.0	3.2	7.6	+0.5	18.1	3	-1.1	24	112	11	+26	63	29	93
Queenstown Airport	349	11.4	1.3	6.4	+0.3	16.2	3	-4.2	24	87	11	+17	49	29	..
Gibbston	354	12.1	2.2	7.2	..	17.5	3	-4.8	24	60	8	..	18	20	..
Cromwell Sub Stn	213	12.1	1.3	6.7	..	19.2	12	-4.4	24	55	8	+24	17	20	..
Cromwell	213	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Northburn	210	12.6	1.7	7.2	..	19.6	3	-3.8	24	54	9	..	18	20	..
Cromwell 2	213	12.0	0.9	6.5	..	18.9	12	-5.0	26	52	9	..	17	20	135
Lauder	370	12.3	0.4	6.4	..	18.9	12	-6.0	24	46	9	..	20	20	..
Clyde Dam	160	12.5	1.6	7.1	..	19.8	3	-4.1	24	59	11	..	16	30	..
Ophir	305	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poolburn Edl	412	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Clyde(Dsr)	171	12.4	0.4	6.4	..	19.5	3	-6.4	24	56	14	..	20	30	..
Alexandra	141	13.3	0.7	7.0	..	20.5	3	-4.5	24	39	9	..	13	20	..
Roxburgh Power Stn	110	12.4	3.3	7.9	+0.2	18.5	12	-3.0	19	69	12	+26	28	30	..
Etrrick No 1	83	13.2	..	..	..	20.0	3	..	..	61	14	..	18	17	..
Etrrick No 2	91	12.7	1.5	7.1	..	19.2	3	-4.5	24	70	15	..	22	17	..
Beaumont	46	13.2	2.9	8.1	..	19.8	11	-3.6	24	140	18	+32	24	17	..
Mahinerangi Dam	396	10.4	1.7	6.1	+0.0	17.7	12	-4.0	24	139	15	+35	56	17	..
Tapanui	226	11.9	3.3	7.6	+0.1	18.8	11	-1.7	23	119	18	+20	44	17	..
Taieri Mouth	15	12.1	4.0	8.1	-0.2	17.4	3	-1.4	24	82	15	+2	27	17	..
Tuatapere	27	12.4	3.6	8.0	..	18.0	11	-0.6	24	147	22	..	37	17	..
Otautau	55	12.2	3.1	7.7	+0.3	16.8	4	-2.6	24	218	20	+92	43	17	33

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for May 1986—continued

Station	Height of Station Above M.S.L.	Air Temperature in Degrees Celsius								Rainfall in Millimetres					Bright Sun-shine
		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	mm	Hrs			
Winton	44	12.7	3.5	8.1	+0.5	17.8	10	-2.2	24	142	19	+51	50	17	92
Gore	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hokonui Forest	46	12.3	3.4	7.9	+0.2	17.6	12	-3.5	24	163	20	+57	65	17	..
Woodlands	47	12.1	4.2	8.2	+0.7	17.8	12	-1.6	24	173	29	+63	38	17	..
Invercargill Airport	0	12.4	3.8	8.1	+0.6	17.4	10	-1.8	24	133	23	+26	27	17	73
Tiwai Point, Bluff	5	12.0	5.6	8.8	+0.3	17.2	10	0.4	24	118	24	+14	20	1	..
Stewart Is	3	11.4	5.1	8.3	+0.2	15.6	11	-0.1	20	215	31	+99	25	1	..
Clinton School	120	..	..	..	..	..	..	..	..	152	..	..	..	..	..
Finegand Balclutha	6	12.0	3.6	7.8	+0.0	18.0	12	-2.6	24	80	18	+16	23	17	96
Owaka	5	12.6	3.2	7.9	+0.2	17.5	12	-2.2	20	132	21	+55	40	17	..
Nugget Point	129	10.9	5.4	8.2	+0.1	14.9	15	1.5	24	102	21	+13	22	17	..
Tautuku	40	11.7	4.8	8.3	+0.2	17.3	15	0.2	28	153	22	+26	24	1	..
Nadi Airport Fiji	15	29.0	19.0	24.0	-1.0	32.2	5	14.5	26	35	5	-44	13	6	204
Rarotonga Airport	7	26.1	20.9	23.5	-0.2	29.0	1	17.0	13	219	19	+36	72	10	146
Totokoitu, Rarotonga	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Raoul Is	38	21.2	16.1	18.7	-0.1	23.2	20	12.5	25	140	18	-2	70	21	171
Campbell Is	15	8.1	3.2	5.7	-0.2	12.8	11	-1.8	2	93	28	-41	8	5	18
Waitangi, Chatham Is	44	13.6	8.5	11.1	+0.8	16.5	1	4.0	28	49	24	-65	8	17	59
Kaingarua, Chatham Is	41	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scott Base Antarctica	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
LATE RETURNS AND CORRECTIONS															
Dargaville 04/1986	20	21.4	11.4	16.4	+0.5	25.1	21	4.0	16	28	9	-66	10	13	156
Kumeu 04/1986	32	21.3	10.3	15.8	+0.7	24.9	22	2.0	16	49	12	..	19	28	..
Te Puke 04/1986	91	20.6	9.0	14.8	-0.1	23.7	6	3.9	16	56	8	-89	21	28	184
Rotoehu Forest 04/1986	72	..	7.2	..	..	..	..	1.6	16	61	8	-67	18	28	..
Wairakei Research Stn 04/1986	402	19.1	6.2	12.7	+0.5	22.0	11	-2.2	16	78	9	-8	46	28	..
Huntly 04/1986	34	20.9	10.8	15.9	..	24.5	27	5.3	16	34	..	..	10	28	..
New Plymouth 04/1986	55	19.3	11.1	15.2	+0.4	20.8	24	4.6	16	75	12	-64	17	6	..
Lower Retaruke 04/1986	223	18.7	7.4	13.1	+0.0	21.8	26	-0.4	16	59	12	-47	16	6	..
Wharerata Forest 03/1986	439	18.0	11.1	14.6	..	24.3	17	5.5	31	132	15	..	27	22	..
Wharerata Forest 04/1986	439	17.6	9.5	13.6	..	22.0	6	6.2	17	122	9	..	75	1	..
Ahu Ahu Valley 04/1986	85	19.6	8.6	14.1	..	22.9	26	4.0	14	57	11	..	17	6	..
Springs Junction 04/1986	421	15.3	..	..	..	..	..	..	..	192	..	-7	32	5	..
Okarito 04/1986	10	..	..	..	..	..	..	..	..	209	20	..	29	25	..
Ashley Forest 04/1986	107	20.1	8.7	14.4	+2.0	25.0	26	5.0	10	17	4	-59	14	2	210
Templeton 04/1986	46	20.1	7.8	14.0	+2.1	25.6	24	1.8	10	16	6	..	11	2	..
Kurow 01/1986	207	23.3	13.2	18.3	..	28.8	21	4.7	29	62	15	..	28	12	..
Kurow 02/1986	207	21.8	11.2	16.5	..	28.1	10	8.0	9	103	16	..	34	25	..
Kurow 03/1986	207	19.3	10.2	14.8	..	26.5	8	3.6	26	115	14	..	64	12	..
Kurow 04/1986	207	20.8	6.8	13.8	..	26.1	1	3.0	29	11	9	..	5	26	..
Knobs Flat 03/1986	375	..	..	..	..	..	..	..	..	110	..	-80	..	..	..
Lake Hawea 03/1986	350	19.1	9.6	14.4	-0.2	24.2	22	2.9	26	55	12	-9	14	11	..
Ranfurlly 04/1986	427	17.7	4.5	11.1	+2.0	22.5	25	-2.0	29	18	8	-23	6	5	149
Herbert Forest 04/1986	61	19.0	5.9	12.5	+1.4	25.0	26	3.0	10	23	8	-30	11	7	..
Poolburn Edl 02/1986	412	21.7	7.5	14.6	..	29.7	3	-0.5	24	87	9	..	25	26	..
Poolburn Edl 03/1986	412	19.9	6.1	13.0	..	24.6	23	-2.0	26	31	9	..	12	13	..
Gore 04/1986	123	16.3	7.9	12.1	+1.9	23.4	26	3.8	29	114	19	+40	24	9	124
Tautuku 04/1986	40	16.9	8.4	12.7	+1.9	24.7	26	3.0	1	191	19	+83	29	13	..
Rarotonga Airport 04/1986	7	28.1	23.4	25.8	+0.6	29.8	12	19.5	28	344	23	+142	136	24	106
Totokoitu, Rarotonga 04/1986	9	28.0	22.7	25.4	+0.3	30.2	2	19.6	28	481	20	..	184	24	..
Kaingarua, Chatham Is 04/1986	41	16.5	11.0	13.8	..	19.0	6	7.9	17	41	23	..	9	27	..
Scott Base Antarctica 01/1986	16	-1.2	-8.4	-4.8	+0.2	3.0	7	-13.6	30	..	..	..	..	..	..

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 MAY 1986

*General*—May was another mild, and sunny month in most regions. Westerlies prevailed over the North Island with less strong winds than usual. Westerlies also prevailed over the South Island. South-westerlies had their normal frequency over the South Island this month, and this was their highest frequency since November last year.

Mean sea level pressures were one hectopascal above normal over the south of the South Island, and almost 3 hPa higher than normal over the North Island.

Most farmers reported stock in good condition. There was a shortage of feed on some farms in Hawke Bay, and there was little pasture growth in Canterbury, Otago and Southland this month.

*Rainfall*—Total monthly rainfall was above average in the Waikato, being 130 percent of normal at Hamilton Airport. Elsewhere in the North Island it was near or below average. Rainfall was only 56 percent of normal at Waingawa, Wairarapa and about 70 percent of normal in Wellington and most east coast regions.

Over the South Island rainfall was above average in most places in Inland Canterbury, Otago and Southland. For areas on the West Coast and in Fiordland it was drier, with monthly rainfall being

between 75 to 80 percent of normal. It was very dry on the east coast from Kaikoura to Banks Peninsula and also in North Otago. The total monthly rainfalls at Kaikoura, Christchurch Airport, and Oamaru Airport were only 21, 29 and 22 mm respectively. There was no rain in Whakatane, Christchurch and Timaru until the 17th.

*Temperatures*—Over most of the country the mean daily maximum temperature was near normal. Daily maximum temperatures were 1°C above average on the east coast of the North Island, in Waikato, Wellington, Marlborough and North Canterbury. A maximum of 24.5°C was recorded at Napier Airport on the 4th, which is the highest temperature there for May for at least 16 years.

Mean daily minimum temperatures were near normal over the whole of New Zealand. Some severe frosts were recorded in Canterbury and Otago between the 5th and the 8th and from the 23rd to the 28th due to cold south-westerly flows which had covered the country, followed by fine cold nights.

*Sunshine*—May was another sunny month in most places, particularly in Auckland and in North Canterbury. This May was the sunniest on record at Auckland Airport for at least 17 years. There was less sunshine than usual for May in Southland.

J. S. HICKMAN, Director.

THESE MAPS ARE MEAN SEA LEVEL ANALYSES  
FOR 0000 HOURS. THEY WERE PREPARED BY  
NEW ZEALAND METEOROLOGICAL SERVICE  
MINISTRY OF TRANSPORT  
P.O. BOX 722  
WELLINGTON











