



LAND & DEEDS OFFICE
30 JUL 1985
CANTONMENT

SUPPLEMENT
TO THE
NEW ZEALAND GAZETTE
OF
THURSDAY, 18 JULY 1985

Published by Authority

WELLINGTON: FRIDAY, 19 JULY 1985

CLIMATOLOGICAL TABLE
FOR MAY 1985

NEW ZEALAND METEOROLOGICAL SERVICE

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for May 1985

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	mm	Hrs		
Cape Reinga	191	..	..	..	..	..	..	..	..	..	..	..	..	..
Aupouri Forest	69	18.1	9.9	14.0	-1.3	20.0	4	6.4	15	106	13	-10	46	22	
Kaitaia	8	19.0	8.9	14.0	..	21.2	8	2.6	18	113	11	..	50	22	
Kaitaia	85	18.0	10.1	14.1	..	20.2	9	4.7	19	98	11	..	46	22	
Kerikeri M A F	79	17.8	8.5	13.2	..	20.1	7	3.1	19	233	23	..	84	22	
Kerikeri Downs	74	17.1	9.0	13.1	..	19.5	8	3.6	18	228	21	..	88	22	
Kerikeri Downs 2	74	17.6	8.7	13.2	..	19.8	6	3.6	19	204	22	..	75	22	
Kerikeri Aerodrome	150	16.8	8.3	12.6	..	20.7	8	3.7	18	216	21	..	78	22	
Umawera	9	..	..	..	..	..	..	..	..	..	..	..	..	..
Panguru	9	17.7	..	..	..	21.0	3	..	..	176	19	..	90	22
Kaikohe	204	15.9	8.8	12.4	-1.2	18.6	8	5.1	15	271	18	+62	65	22	
Waitemarama	229	17.4	8.6	13.0	-0.7	20.2	3	5.1	19	130	12	..	45	22	
Waipoua Forest	88	17.4	6.4	11.9	-1.3	20.5	9	2.0	19	161	9	-5	45	22	
Dargaville	20	17.6	5.8	11.7	-1.9	21.0	10	0.0	19	144	8	+18	42	25	
Waitangi Forest	55	17.6	9.4	13.5	-0.9	20.2	7	3.7	18	235	18	+97	63	22	
Glenbervie Forest	107	16.8	6.2	11.5	-0.8	20.1	8	-0.7	18	288	19	+112	114	22	
Whangarei Airport	37	17.0	8.6	12.8	-1.4	20.2	10	3.4	14	228	17	+81	94	22	
Whangarei	29	17.2	8.3	12.8	-1.2	21.0	8	3.0	18	279	17	..	92	22	
Marsden Power Stn	3	17.6	9.6	13.6	-0.9	21.0	10	4.3	18	248	17	+145	115	22	
Pouo	97	16.5	9.9	13.2	..	20.2	9	4.8	28	179	10	..	65	22	
Leigh	27	17.5	12.0	14.8	+0.1	20.8	8	7.6	15	271	16	+166	158	22	
Warkworth	72	16.7	6.8	11.8	-1.2	20.0	8	1.2	18	298	13	+147	200	22	
Oyster Point	0	..	..	..	..	..	..	..	..	..	..	..	..	..
Woodhill Forest	30	..	..	..	..	..	..	..	..	..	..	..	..	..
Riverhead Forest	28	17.4	5.2	11.3	-1.4	20.1	8	-0.7	18	194	6	+46	111	22	
Kumeu	32	17.3	5.2	11.3	-1.3	20.6	10	-1.3	18	151	8	..	78	22	
Whenuapai	26	16.9	6.1	11.5	-1.5	20.0	8	-0.1	18	200	7	+62	132	22	
Albert Park Auckland	49	17.3	10.0	13.7	-0.6	21.0	8	6.3	18	218	10	+94	157	22	
Owairaka, Auckland	41	16.9	8.1	12.5	-0.9	20.2	8	3.6	18	250	8	+116	165	22	
Port Fitzroy	4	17.5	9.3	13.4	-1.1	20.5	10	5.3	18	293	21	+96	112	22	
Little Barrier Is	2	..	..	..	..	..	..	..	..	..	..	..	..	..
Rotorua Is	30	16.2	11.3	13.8	..	19.7	8	7.9	14	154	6	..	125	22	
Awaroa Valley	30	..	..	..	..	..	..	..	..	..	..	..	..	..
Manukau Heads	244	..	..	..	..	..	..	..	..	..	..	..	..	..
Coromandel	43	17.8	7.4	12.6	..	20.8	10	2.3	17	194	11	..	151	22	
Whangapoua Forest	4	..	..	..	..	..	..	..	..	..	..	..	..	..
Thames	3	..	..	..	..	..	..	..	..	..	..	..	..	..
Tairua Forest	3	16.9	6.6	11.8	-1.0	20.5	8	2.1	19	115	9	-69	74	22	
Ngatea	1	17.6	4.7	11.2	..	21.0	8	-1.6	17	98	7	..	50	22	
Paeroa	4	17.5	4.7	11.1	-0.8	21.1	10	-0.2	19	91	8	-33	48	23	
Waihi	91	16.0	5.1	10.6	-1.2	19.2	12	-1.2	19	150	8	-56	108	22	
Te Aroha	18	17.3	5.8	11.6	-0.8	20.2	8	0.6	19	115	6	-35	73	22	
Katikati	2	17.2	6.5	11.9	..	20.6	8	2.6	19	111	8	..	71	22	
Waharoa	60	17.2	5.1	11.2	..	20.2	8	-1.4	17	105	5	..	63	22	
Tauranga	2	17.2	9.0	13.1	+0.0	20.3	8	6.0	15	120	7	-12	79	22	
Tauranga Airport	4	17.1	7.7	12.4	+0.0	20.1	8	4.2	19	105	7	-25	66	22	
Te Puke	91	16.9	6.9	11.9	+0.0	20.4	8	2.8	15	146	6	-58	87	22	
Rotoehu Forest	72	..	3.7	..	..	..	..	0.1	30	141	5	-18	80	22
Whakatane Airport	6	16.9	4.5	10.7	-0.5	19.9	7	0.3	15	139	4	+32	67	22	
Te Kaha	6	17.9	8.9	13.4	..	20.6	9	5.0	15	154	4	..	107	24	
Port Ohope	9	17.3	9.2	13.3	+0.5	20.0	11	4.7	15	120	5	..	58	23	
Kinleith	383	14.1	4.9	9.5	-0.1	17.9	8	-0.9	17	57	5	-90	31	22	
Tikitere	338	14.6	6.5	10.6	+0.0	17.7	8	3.3	15	98	10	..	64	22	
Kawerau	30	17.5	6.2	11.9	-0.1	20.4	8	2.1	15	163	4	-11	91	23	
Te Teko	8	17.8	5.8	11.8	-0.1	23.1	10	2.3	15	142	4	-12	79	23	
Rotorua Airport	287	15.1	5.4	10.3	-0.1	19.2	8	1.5	18	83	4	-54	55	22	
Waioapu Forest	435	13.7	3.3	8.5	-0.7	17.5	24	-0.2	13	86	8	-43	58	22	
Atiamuri Power Stn	253	..	..	..	..	..	..	..	..	..	..	..	..	..
Kaingaroa Forest	544	13.0	2.9	8.0	-0.7	16.3	8	-1.0	5	66	5	-74	38	22	
Murupara	198	15.8	4.2	10.0	+0.4	19.5	7	-1.5	15	72	4	-48	42	23	
Wairapakao Forest	437	13.7	1.7	7.7	-0.3	17.3	8	-3.5	18	53	7	-77	33	22	
Taupo	376	14.1	4.0	9.1	-0.5	17.2	8	0.3	13	45	6	-57	30	22	
Wairakei Power Stn	342	14.6	4.0	9.3	-0.4	18.5	8	-0.4	20	53	4	-54	38	22	
Wairakei Research Stn	402	15.1	2.6	8.9	-0.2	18.8	8	-2.2	18	51	3	-54	36	22	
Minginui Forest	366	14.0	3.7	8.9	+0.4	18.5	8	-2.1	28	51	12	-82	29	23	
Taupo Airport	400	13.7	2.7	8.2	-1.1	16.1	7	-1.6	27	46	4	-37	32	22	
Waimihia Forest	743	10.6	3.3	7.0	+0.1	14.9	8	-0.4	15	50	5	-106	27	22	
Opotiki	6	17.0	7.8	12.4	+0.1	19.6	11	2.0	15	123	5	-7	69	23	
Waimana	37	17.1	4.7	10.9	+0.1	20.9	8	-0.3	18	134	4	-36	87	23	
Mangere Auckland	4	..	..	..	..	..	..	..	..	..	..	..	..	..
Otara Auckland	12	17.2	6.3	11.8	-1.1	20.1	10	-0.1	18	202	9	+84	138	22	
Auckland Airport	8	16.5	8.2	12.4	-1.0	20.0	10	3.2	18	164	6	+53	113	22	
Ardmore	30	17.1	6.0	11.6	-0.9	20.5	9	0.0	18	175	7	+49	133	22	
Pukekohe	82	
Maioiro Forest	52	17.7	7.3	12.5	-0.7	20.6	11	2.3	19	134	5	-2	76	22	

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		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	mm	Hrs				
Hunua	122	16.5	4.6	10.6	..	19.6	8	-1.2	18	160	6	..	127	22	..
Maramarua Forest	38	16.8	3.4	10.1	-1.6	20.0	4	-1.1	19	185	5	+64	150	22	..
Te Kauwhata	32	16.5	4.9	10.7	-1.5	19.4	10	-0.1	18	139	12	+20	100	22	167
Huntly	34	16.6	7.1	11.9	..	19.8	5	1.1	19	103	..	..	73	22	..
Ruakura Hamilton	40	16.4	5.0	10.7	-0.7	19.8	8	-1.6	19	112	6	-4	85	22	160
Whatawhata	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hamilton Airport	50	16.9	3.8	10.4	-0.5	19.6	12	-2.5	19	97	6	-14	73	22	..
Cambridge	76	16.7	4.7	10.7	-0.5	19.3	8	0.1	19	111	7	+14	86	22	..
Mohakatino Stn Mokau	46	16.2	8.3	12.3	-0.3	18.9	11	4.2	29	41	4	-132	27	22	..
Arapuni Power Stn	123	16.4	5.0	10.7	-0.4	19.5	5	0.2	17	80	5	-53	61	22	..
Waikeria	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Te Kuiti	61	16.6	4.5	10.6	-0.5	19.5	8	0.5	30	73	6	-86	56	22	141
Wairere	122	15.9	3.5	9.7	..	18.9	4	-2.0	28	65	6	-116	42	22	..
Pureora Forest	549	13.0	3.2	8.1	-0.3	16.0	1	-2.3	17	68	11	-110	49	22	..
Mangakahu Valley	397	14.2	4.0	9.1	..	18.4	8	0.5	30	64	7	..	36	22	..
Taumarunui	171	16.0	2.5	9.3	-0.9	20.0	23	-2.5	28	48	9	-101	39	22	121
Tokirima	152	16.0	2.1	9.1	..	19.2	8	-2.0	13	29	4	..	24	22	..
Omata	61	..	..	..	..	..	..	..	..	..	..	..	..	..	..
New Plymouth	55	16.7	8.5	12.6	+0.2	19.1	4	3.3	13	77	10	-83	38	13	..
New Plymouth Airport	27	15.9	8.3	12.1	+0.1	18.4	11	3.7	28	26	11	-141	7	5	163
North Egmont	955	9.9	3.8	6.9	..	13.7	8	0.2	14	358	16	..	146	21	..
Te Wera Forest	180	14.8	3.1	9.0	-0.7	18.5	7	-3.1	28	26	9	-161	10	13	..
Lower Retaruke	223	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Turangi	366	14.1	2.5	8.3	-1.0	18.2	8	-2.1	28	46	5	-128	33	22	164
Chateau, Mt Ruapehu	1097	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hukanui	235	13.4	5.8	9.6	..	18.7	10	0.0	25	93	19	-99	45	21	..
Mt Bruce Res	305	13.1	5.3	9.2	+0.3	19.6	8	-0.3	25	102	15	-145	50	21	..
Waingawa Masterton	114	14.6	6.0	10.3	+0.1	21.5	10	0.8	26	80	15	-16	14	14	93
Kopua	311	12.9	5.8	9.4	-0.3	18.8	10	0.8	26	110	17	+13	25	30	..
Waipukurau	137	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dannevirke	207	14.0	5.7	9.9	-0.3	20.6	10	0.4	26	92	14	-7	27	30	84
Porangahau	8	15.5	7.8	11.7	..	20.6	8	3.9	25	151	14	..	36	15	..
Castlepoint	3	15.1	10.4	12.8	+0.3	20.2	8	6.1	25	105	17	+4	19	14	..
Ngaumu Forest	244	13.6	5.1	9.4	+0.1	20.1	8	-0.5	4	195	15	+67	60	14	..
Tauherenkau, Alloa	43	14.9	6.7	10.8	+0.1	20.0	9	0.3	26	82	11	-22	23	14	..
Waiorongomai	21	14.3	6.9	10.6	+0.0	18.5	9	0.4	26	187	13	+19	56	14	..
Cape Palliser	10	14.7	10.1	12.4	-0.2	21.0	8	5.0	26	136	18	+25	34	23	..
East Cape	17	16.5	10.6	13.6	-0.4	19.9	7	4.5	15	143	21	+9	38	23	..
Ruatoria	61	16.4	8.2	12.3	-0.3	20.5	9	0.9	15	244	17	+51	90	23	..
Mangatu Forest	182	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Manutuke Gisborne	9	16.3	7.1	11.7	-0.2	21.0	7	2.9	6	143	18	+53	36	23	..
Gisborne Airport	4	16.3	7.5	11.9	-0.2	20.5	8	2.8	10	152	20	+60	43	23	113
Onepoto, Waikaremoana	643	11.0	5.9	8.5	-0.8	16.9	7	3.0	15	233	22	+51	37	23	..
Wharerata Forest	439	12.4	7.2	9.8	..	17.7	7	3.7	15	335	22	..	76	15	..
Esk Forest	427	12.5	7.1	9.8	-0.2	19.8	8	3.4	15	187	20	+46	40	31	..
Ngamatea	885	8.9	1.6	5.3	..	15.5	23	-3.5	15	155	16	..	31	15	..
Kaweka Forest	414	13.1	7.3	10.2	-0.2	19.1	9	3.9	25	125	16	+24	34	22	..
Napier Airport	2	15.9	7.8	11.9	+0.2	21.0	7	2.2	5	67	14	-4	11	29	..
Napier	2	16.2	7.7	12.0	-0.1	21.4	7	3.7	5	74	15	+7	13	22	123
Hastings	16	16.0	6.9	11.5	..	22.0	7	2.0	10	68	13	..	17	22	..
Whakatu	6	15.9	6.5	11.2	..	21.4	7	1.5	10	65	14	..	13	15	..
Gwas Forest	335	13.4	5.2	9.3	+0.2	19.2	8	1.2	25	116	14	+24	29	22	..
Makaretu	335	14.0	5.1	9.6	-0.1	19.5	8	0.7	25	92	19	+5	26	22	..
Mohaka Forest	286	13.8	7.3	10.6	-0.2	19.9	7	3.8	15	188	19	+64	24	31	..
Frasertown, Wairoa	8	15.8	8.1	12.0	+0.0	22.4	7	4.7	20	182	22	+53	33	23	..
Wairoa	20	15.8	8.4	12.1	+0.4	22.0	7	4.7	20	181	20	+63	31	23	101
Kapiti Is	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Paraparaumu Airport	7	15.0	6.7	10.9	-0.3	18.5	23	1.0	28	75	12	-34	23	14	136
Flockhouse Bulls	9	15.5	5.7	10.6	-0.4	19.3	10	0.9	17	25	7	-65	15	21	..
Ohakea	48	15.3	7.1	11.2	-0.1	19.9	10	1.4	26	14	9	-72	7	21	146
Wharite Peak	914	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kairanga Palmerston N	15	15.5	5.8	10.7	+0.1	19.7	10	0.5	18	19	7	-71	10	21	..
Palmerston N Airport	45	15.6	6.6	11.1	+0.5	21.1	8	0.5	19	23	8	-63	8	21	..
Palmerston N D S I R	34	15.1	7.6	11.4	+0.2	20.0	10	3.4	5	27	11	-66	14	21	109
Tiritia	100	14.6	8.0	11.3	..	19.8	10	3.9	18	39	13	..	23	21	..
Waitare Forest	3	15.4	4.8	10.1	-0.7	18.8	8	-2.5	27	47	7	-46	14	21	..
Levin	46	15.2	7.0	11.1	-0.1	18.4	3	2.4	25	53	10	-62	14	14	131
Titahi Bay	31	..	..	..	..	..	..	..	..	129	8	..	50	14	..
Avalon, Lower Hutt	15	14.8	7.2	11.0	-0.2	18.4	6	1.7	26	157	13	-1	50	14	..
Highland Pk Wgtn	120	12.9	8.4	10.7	..	17.3	7	3.7	26	91	12	..	40	14	..
Kelburn, Wellington	125	13.4	8.9	11.2	+0.0	18.7	7	4.8	25	105	14	-31	43	14	123
Somes Is	43	14.0	9.2	11.6	+0.1	18.5	7	4.0	28	112	10	-10	35	14	..
Gracefield Lower Hutt	34	14.3	7.8	11.1	-0.3	18.0	7	2.2	26	153	9	+0	47	14	..
Wainuiomata	82	14.1	6.0	10.1	-0.3	17.9	7	-1.0	27	213	15	+14	57	14	..
Wellington Airport	6	14.9	9.3	12.1	+0.3	19.4	7	2.5	26	66	12	-48	22	14	..

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		A Max.	B Min.			Maxi—mum	Date	Mini—mum	Date				Amount		Date
Metres	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	Hrs				
Peel Forest	274	13.3	1.6	7.5	+0.3	22.0	6	-2.3	24	48	12	-12	15	14	..
Ashburton	101	13.9	2.7	8.3	-0.3	22.0	10	-2.1	12	51	7	-18	23	13	125
Waipara	64	14.3	4.7	9.5	+0.1	23.3	7	-0.9	26	24	9	-33	5	15	..
Ashley Forest	107	13.8	5.6	9.7	+0.3	24.0	7	1.5	27	42	10	-32	12	14	110
Rangiora	46	14.4	3.2	8.8	+0.0	23.6	9	-1.2	27	44	10	-23	13	13	..
Darfield	195	14.3	3.7	9.0	+0.6	22.8	10	-0.3	18	68	10	-11	36	13	..
Eyrewell Forest	158	14.0	3.0	8.5	+0.4	22.4	7	-2.5	27	59	10	-21	23	13	..
Christchurch Airport	30	14.5	3.2	8.9	+0.0	24.7	7	-2.0	27	40	10	-27	23	13	134
Templeton	46	14.0	4.1	9.1	+0.2	24.0	7	-2.0	2	26	7	..	9	13	..
Christchurch	7	14.8	4.6	9.7	+0.5	23.6	7	-0.6	25	66	9	-8	41	13	..
Bromley Christchurch	9	13.6	5.0	9.3	-0.4	23.0	7	0.5	25	39	8	-35	15	13	..
Mt Pleasant	137	14.0	8.2	11.1	+0.6	22.5	7	4.5	14	41	8	-45	18	13	..
Lincoln	11	14.2	3.4	8.8	+0.0	23.8	9	-1.6	24	32	9	-36	19	13	118
Quail Island	75	13.7	7.5	10.6	..	23.4	7	4.0	25	53	7	..	25	13	..
Akaroa	3	15.0	5.1	10.1	+0.2	23.0	6	1.5	4	88	11	..	45	13	..
Lake Tekapo	683	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fairlie	304	13.5	-1.0	6.3	..	24.1	6	-4.8	24	20	6	..	6	13	..
Twizel	457	10.2	-1.6	4.3	-1.2	20.0	7	-6.7	23	16	8	-42	7	9	..
Twizel Substation	451	10.8	..	..	..	19.8	7	..	..	15	8	..	8	9	..
Ikawai	70	14.5	2.7	8.6	+0.8	22.5	6	-2.0	27	19	6	-22	9	14	..
Geraldine	119	14.1	2.5	8.3	+0.2	23.0	6	-2.7	24	42	9	-23	20	12	..
Orari Estate	81	13.4	2.5	8.0	+0.3	21.7	6	-1.3	24	45	10	-16	16	12	..
Temuka	24	14.3	3.7	9.0	+0.9	22.9	6	-1.6	25	31	7	-17	10	14	..
Timaru Airport	26	14.0	3.0	8.5	+0.7	22.5	6	-0.7	23	18	7	-29	9	14	..
Adair	85	13.5	5.7	9.6	+0.8	21.8	6	2.1	23	25	8	-22	11	14	..
Timaru	17	12.9	4.6	8.8	+0.2	20.5	6	0.0	24	24	8	-25	10	14	..
Timaru 2	17	13.3	5.0	9.2	..	21.0	6	0.3	24	23	8	..	9	14	129
Waimate	61	14.1	4.2	9.2	+0.0	23.3	6	-0.6	23	21	9	-34	7	14	..
Aviemore	241	12.5	2.5	7.5	..	19.6	6	-3.0	26	13	6	-24	9	12	..
Kurou	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Oamaru Airport	30	13.5	4.0	8.8	+0.7	22.0	6	-0.6	23	14	11	-32	3	10	140
Knobs Flat	360	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tara Hills Omarama	488	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lake Hawea	350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wanaka	296	11.0	1.6	6.3	-0.6	18.3	6	-3.7	30	15	6	-52	7	8	..
Queensberry	277	10.4	1.6	6.0	..	20.5	7	-4.8	30	19	7	..	13	9	..
Bendigo	200	11.3	0.7	6.0	..	20.7	7	-4.5	29	15	7	..	8	9	..
Naseby	607	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Windsor	88	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Oamaru	5	13.8	4.9	9.4	..	22.4	6	-1.9	12	16	8	..	3	12	..
Ranfurly	427	11.5	-0.5	5.5	+0.2	18.1	9	-6.5	29	27	5	-5	13	14	115
Herbert Forest	61	14.0	3.1	8.6	+0.6	20.6	10	-0.5	23	36	11	-14	12	14	..
Palmerston	21	13.7	1.7	7.7	+0.1	21.2	5	-2.7	31	38	9	-18	13	13	128
Cherry Farm Hospital	6	13.6	2.8	8.2	+0.0	18.5	2	-2.0	22	52	15	-3	17	10	..
Taiaroa Head	72	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invermay, Taieri	30	13.3	2.5	7.9	+0.0	19.5	5	-3.0	26	34	21	-47	9	14	112
Berwick Forest	18	13.0	2.5	7.8	+0.2	16.6	9	-2.5	31	46	12	-25	13	13	..
Dunedin Airport	1	13.2	0.5	6.9	-0.6	17.0	5	-5.4	31	42	13	-17	15	13	117
Musselburgh Dunedin	2	12.6	6.1	9.4	+0.3	17.0	5	2.5	23	35	12	-45	8	13	116
Te Anau	215	10.5	3.0	6.8	-0.1	16.7	9	-2.5	16	66	14	-35	24	13	76
West Arm, Manapouri	232	8.1	3.1	5.6	-0.9	13.2	4	-1.5	31	242	16	-143	50	5	..
Borland Burn	183	11.7	-0.3	5.7	-0.9	18.2	4	-4.8	30	90	..	-41	..	..	..
Queenstown	329	11.4	2.4	6.9	-0.2	17.3	5	-2.3	31	24	11	-62	7	13	95
Queenstown Airport	349	10.4	0.6	5.5	-0.6	19.5	9	-5.0	31	22	9	-48	5	12	..
Gibbston	354	10.6	0.7	5.7	..	18.0	9	-4.5	31	24	10	..	8	14	..
Otama	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cromwell Sub Stn	213	11.0	0.3	5.7	..	20.2	7	-5.8	30	10	7	-21	4	14	..
Cromwell	213	11.3	-0.3	5.5	-1.1	21.0	7	-6.2	30	15	13	-22	6	14	..
Northburn	210	11.2	1.0	6.1	..	20.0	7	-3.8	30	12	12	..	7	14	..
Cromwell 2	213	10.8	-0.2	5.3	..	20.5	7	-6.3	30	15	12	..	6	14	88
Lauder	370	10.4	-0.1	5.2	..	19.6	9	-7.0	31	13	14	..	4	10	..
Clyde Dam	160	11.4	0.6	6.0	..	20.2	9	-4.8	30	6	10	..	2	8	..
Ophir	305	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Clyde(Dsir)	171	11.3	-0.5	5.4	..	20.4	9	-6.9	30	6	11	..	2	8	..
Alexandra	141	11.7	-0.3	5.7	..	20.9	9	-6.5	30	6	7	..	2	8	103
Roxburgh Power Stn	110	12.2	2.3	7.3	-0.4	21.0	9	-4.5	29	26	9	-17	16	14	..
Ettrick No 1	83	12.7	0.2	6.5	..	21.5	9	-5.0	29	42	7	..	20	15	..
Ettrick No 2	91	12.2	0.7	6.5	..	20.7	9	-5.5	30	37	9	..	16	14	..
Deep Stream	396	12.0	-1.3	5.4	..	19.0	6	-10.0	31	58	10	..	33	14	..
Beaumont	46	12.3	1.9	7.1	..	20.4	9	-3.8	31	73	16	-35	24	14	..
Mahinerangi Dam	396	10.6	1.9	6.3	+0.2	15.9	9	-2.6	27	71	15	-33	29	14	..
Tapanui	226	12.0	3.4	7.7	+0.2	18.4	9	-0.9	31	85	15	-14	32	13	..
Taieri Mouth	15	12.5	3.9	8.2	-0.1	16.7	9	-0.9	31	29	14	-51	6	6	..
Tuatapere	27	12.8	3.1	8.0	..	20.3	9	-1.1	29	91	19	..	25	5	..
Otautau	55	12.2	2.0	7.1	-0.3	18.9	9	-4.5	30	89	15	-37	19	6	50

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for May 1985—continued

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	Differ-ence From Normal	Absolute Maximum and Minimum				Total Fall	No. of Rain Days	Differ-ence From Normal	Maximum Fall		
		A Max.	B Min.			Maximum	Date	Mini-mum	Date				Amount	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	mm		
Winton	44	12.9	2.3	7.6	+0.0	20.7	9	-3.4	31	68	15	-23	14	13	107
Gore	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hokonui Forest	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Woodlands	47	12.4	2.7	7.6	+0.1	19.2	9	-2.5	31	106	26	-4	26	6	..
Invercargill Airport	0	12.6	2.5	7.6	+0.1	19.9	9	-4.7	30	112	18	+5	31	6	97
Tiwai Point, Bluff	5	12.5	5.2	8.9	+0.4	18.9	9	-0.4	31	122	18	+18	49	6	..
Stewart Is	3	12.2	4.9	8.6	+0.5	16.5	9	-1.9	31	109	23	-7	30	5	..
Milton	18	13.0	1.6	7.3	+0.0	17.9	5	-5.6	31	43	11	-35	15	14	..
Clinton School	120	12.2	2.9	7.6	..	19.2	9	-5.1	31	44	17	..	10	6	..
Finegand Balclutha	6	13.0	3.3	8.2	+0.4	18.3	9	-4.0	31	38	15	-26	13	13	127
Owaka	5	13.1	2.1	7.6	-0.1	17.0	10	-5.5	31	34	14	-43	9	6	..
Nugget Point	129	12.0	5.9	9.0	+0.9	17.0	9	1.5	31	33	15	-56	8	6	..
Tautuku	40	12.6	4.9	8.8	+0.7	17.7	9	-1.2	31	60	16	-67	28	6	..
Nadi Airport Fiji	15	29.7	20.2	25.0	+0.0	32.4	23	16.2	11	142	6	+63	37	2	225
Rarotonga Airport	7	26.9	21.5	24.2	+0.5	28.8	9	15.5	17	165	13	-18	49	9	147
Totokoitu, Rarotonga	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Raoul Is	38	20.1	15.8	18.0	-0.8	22.3	15	8.8	19	130	23	-12	33	14	110
Campbell Is	15	8.7	3.9	6.3	+0.4	12.5	9	-1.9	24	81	24	-53	15	9	21
Waitangi, Chatham Is	44	13.8	8.3	11.1	+0.8	17.2	9	4.0	8	116	14	+2	26	15	91
Scott Base Antarctica	16	-19.4	-30.1	-24.8	+2.4	-9.5	25	-39.8	10	..	..	..	..	..	..
LATE RETURNS AND CORRECTIONS															
Panguru 01/1985	9	24.7	13.7	19.2	..	29.2	30	9.6	7	106	..	..	39	2	..
Panguru 02/1985	9	23.4	13.2	18.3	..	26.4	2	7.7	21	104	9	..	60	28	..
Panguru 03/1985	9	22.7	..	..	..	27.0	3	..	..	178	24	..	95	26	167
Panguru 04/1985	9	20.6	..	..	..	24.0	18	..	..	115	29	..	35	2	90
Waiotemarama 03/1985	229	21.2	13.9	17.6	-0.3	25.2	5	11.2	23	104	16	..	30	26	..
Waiotemarama 04/1985	229	19.2	12.1	15.7	+0.0	22.0	19	7.5	23	129	..	..	..	..	..
Waitangi Forest 04/1985	55	19.9	13.9	16.9	+0.0	24.0	4	5.4	23	223	19	+106	60	19	105
Little Barrier Is 04/1985	2	19.5	13.5	16.5	..	22.5	4	9.5	23	166	..	+28	43	3	..
Paeroa 04/1985	4	20.2	11.1	15.7	+0.7	22.8	18	3.6	23	80	13	-33	34	20	..
Opotiki 04/1985	6	19.2	10.1	14.7	-0.5	21.1	16	3.0	24	185	8	+70	140	20	180
Huntly 04/1985	34	19.6	11.4	15.5	..	22.8	4	5.4	23	58	..	..	..	..	..
Waikeria 04/1985	46	19.8	7.7	13.8	-0.3	22.9	17	0.6	23	68	8	..	42	20	..
Turangi 04/1985	366	17.1	5.6	11.4	-1.2	18.7	21	-1.4	1	103	8	-8	65	20	161
Hukanui 04/1985	235	17.2	6.0	11.6	..	24.0	19	-0.8	7	84	13	-45	31	21	..
Waingawa Masterton 04/1985	114	19.2	7.0	13.1	+0.0	26.0	19	1.0	7	27	13	-54	9	21	138
East Cape 04/1985	17	18.4	12.3	15.4	-0.9	20.3	2	3.6	23	158	17	+34	88	3	..
Ngamatea 04/1985	885	12.7	2.4	7.6	..	17.8	18	-1.7	11	22	7	..	8	20	..
Wharite Peak 03/1984	914	14.2	9.0	11.6	+0.7	19.8	3	5.2	23	272	17	+70	51	22	..
Wharite Peak 05/1984	914	7.2	3.0	5.1	-0.6	15.7	10	-2.0	23	137	..	-50	48	24	..
Wharite Peak 01/1985	914	16.2	9.9	13.1	+1.5	21.0	10	7.0	5	166	..	+15	..	..	..
Wharite Peak 02/1985	914	15.9	8.3	12.1	+0.2	20.0	10	4.0	13	96	..	-53	42	16	..
Stratford Dem Farm 04/1985	311	17.6	7.2	12.4	-0.1	20.7	17	0.9	1	127	8	-28	56	19	162
Manaiia Dem Farm 04/1985	98	18.6	8.5	13.6	-0.1	23.2	18	0.9	1	74	9	-25	33	19	155
Kahui, Taihape 04/1985	518	17.8	7.1	12.5	+0.4	23.7	17	1.0	1	21	7	-59	6	20	..
Stephens Is 04/1985	187	16.0	11.4	13.7	+0.6	19.8	12	1.6	1	62	6	-10	43	19	..
Riwaka Motueka 04/1985	8	19.0	7.7	13.4	+0.3	23.3	3	2.6	27	156	7	+22	98	19	179
Boyle River Lodge 04/1985	600	16.7	4.2	10.5	..	21.1	17	-1.0	26	136	..	..	..	..	..
Kaikoura Flats 04/1985	24	17.2	6.8	12.0	..	23.2	3	1.5	26	35	13	..	12	5	..
Arthurs Pass 03/1985	738	17.0	5.6	11.3	..	23.0	2	-1.5	31	61	9	-245	22	13	..
Culverden 04/1985	174	18.8	5.4	12.1	..	26.5	18	-1.0	27	42	8	..	13	21	..
Ashley Forest 03/1985	107	19.5	9.7	14.6	-0.2	30.5	5	5.0	21	46	6	-33	16	13	188
Ashley Forest 04/1985	107	18.5	7.9	13.2	+0.8	26.2	3	3.0	1	30	4	-46	16	3	176
Orari Estate 04/1985	81	19.4	6.0	12.7	+1.5	27.2	2	-0.5	1	17	5	-61	6	5	..
Adair 04/1985	85	18.6	8.5	13.6	+1.8	26.6	2	2.9	1	6	5	-52	2	5	..
Kurow 03/1985	207	20.6	8.4	14.5	..	30.2	5	2.0	21	7	5	..	5	12	..
Windsor 03/1985	88	19.1	7.6	13.4	..	28.3	6	1.0	21	11	2	..	7	1	..
Windsor 04/1985	88	18.3	6.5	12.4	..	25.3	20	0.0	1	1	1	..	1	7	..
Ranfurlu 04/1985	427	..	..	..	..	..	..	..	..	9	5	-32	5	20	..
Invermay, Taieri 03/1985	30	18.5	7.6	13.1	+0.0	28.5	4	2.0	21	32	16	-29	10	29	144
Invermay, Taieri 04/1985	30	17.5	5.3	11.4	+0.6	25.0	2	-1.8	14	17	13	-54	8	21	138
West Arm, Manapouri 04/1985	232	12.7	6.5	9.6	+0.3	17.6	13	0.7	23	329	12	-57	76	18	..
Borland Burn 04/1985	183	17.0	3.7	10.4	+0.8	23.1	13	-3.0	4	146	11	+47	41	18	..
Cromwell Sub Stn 04/1985	213	18.8	5.1	12.0	..	24.1	2	-2.5	27	11	6	-18	6	18	..
Roxburgh Power Stn 04/1985	110	19.0	5.2	12.1	+0.9	25.0	13	-1.0	27	10	7	-30	4	21	..
Ettrick No 1 04/1985	83	18.9	4.3	11.6	..	25.5	13	-2.0	27	12	4	..	7	21	..
Ettrick No 2 04/1985	91	18.5	4.4	11.5	..	24.5	13	-2.5	27	14	6	..	6	21	..
Deep Stream 02/1984	396	..	..	..	..	..	..	..	..	45	..	..	..	..	..
Deep Stream 04/1985	396	17.0	2.1	9.6	..	23.0	2	-7.0	27	10	5	..	6	21	..
Beaumont 04/1985	46	17.6	5.5	11.6	..	24.6	11	0.0	1	30	12	-59	14	21	..
Hokonui Forest 04/1985	46	16.1	5.5	10.8	+0.0	22.5	11	-1.4	1	65	..	-29	14	21	..
Milton 04/1985	18	17.2	4.5	10.9	+0.5	23.1	12	-2.1	1	24	9	-39	13	21	..
Tautuku 04/1985	40	15.3	7.4	11.4	+0.6	20.3	1	2.2	1	73	15	-35	22	21	..
Nadi Airport Fiji 04/1985	15	31.6	21.6	26.6	+0.5	33.3	28	19.2	21	92	8	-83	30	12	223
Rarotonga Airport 04/1985	7	28.2	22.1	25.2	+0.0	30.0	6	20.1	29	327	23	+125	191	20	175
Totokoitu, Rarotonga 03/1985	9	29.6	23.9	26.8	+1.3	30.8	15	21.6	29	182	23	..	28	31	..

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for May 1985—continued

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.			Maximum	Date	Minimum	Date				Amount	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	mm		
Totokoitu, Rarotonga 04/1985	9	27.0	22.1	24.6	-0.5	30.4	8	19.0	15	472	20	..	291	20	..

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 FOR MAY 1985

General—May was dry in most regions, with mean temperatures below normal in northern North Island areas, but about average elsewhere.

Over northern districts of the North Island winds from the easterly quarterly prevailed, with south-easterlies being most frequent for May since at least 1956. Over the South Island south-westerlies were a little more frequent than usual. Very high winds occurred in the Wellington and Kaikoura areas during a very severe southerly storm from the 14th to the 16th. Some of the maximum gusts recorded during this storm were (kilometres per hour):

Wellington Airport	132	Kelburn (Wellington)	141
Castlepoint	135	Kaikoura	139

A hill station (Beacon Hill), situated above the Wellington Heads recorded a maximum gust on the 15th of 193 kph.

Considerable damage to suburbs adjacent to Cook Strait was reported and the high winds resulted in the closure of Wellington Airport and the cancellation of Cook Strait ferry sailings.

On the 28th fog delayed flights for 2000 passengers at Auckland Airport.

Very dry conditions continued this month in parts of Canterbury and Otago until the 13th when some welcome rain fell. This made some improvement in pasture growth, although some paddocks are still very bare and grass growth has been stopped by frosts. Some farmers report winter feed reserves as being low and some stock had to be sold because of the drought. In Taranaki, Manawatu and Nelson rather dry conditions meant little grass growth and early feeding out of hay to sheep and cattle. Over the rest of the country pasture and stock condition has been good.

Some light snow fell in parts of Otago during the 13th to the 16th.

Mean sea level pressures were above average over the whole country with Christchurch and Invercargill being 10 hectopascals higher than normal. On the 29th and 30th an unusually intense anticyclone was situated to the east of the South Island and a mean sea level pressure of 1043.6 hectopascals was recorded at Christchurch Airport on the 29th. This is the highest recorded pressure in Christchurch during the past 24 years.

Rainfall—Rainfall was below average for much of New Zealand except in parts of Northland, Gisborne, and in Southland.

In North Otago and South Canterbury very dry conditions were alleviated a little during the 14th and 15th with the first substantial rain since February this year.

Oamaru recorded 35 percent of normal, Queenstown 30 percent and Alexandra 15 percent of normal.

Other very dry places were:

New Plymouth	15 percent	Blenheim	30 percent
Ohakea	16 percent	Nelson	22 percent
Palmerston North	27 percent	Farewell Spit	20 percent
		Lake Rototiti	15 percent

During the 22nd and 23rd some very heavy falls of rain fell in parts of Auckland and Southern Northland resulting in flooding. This was due to a stationary depression situated off Cape Reinga. Warkworth recorded a total of 200 mm, 141 mm fell in Auckland City and 113 mm at Auckland Airport in the 24-hour period. Warkworth recorded 193 percent, Auckland City 164 percent and Gisborne 165 percent of normal for the months rainfall. The total for Auckland City this month is the highest for May since records began in 1963.

Temperatures—Over the North Island mean temperatures were about normal except for areas north of about Hamilton where they were 1°C below normal. In some Auckland and southern Northland places night time temperatures were 1.5°C below normal.

Over the South Island mean temperatures were near normal, apart from Otago where they were 0.5°C colder and night time temperatures were between 0.5°C and 1.0°C colder than normal. On the West Coast temperatures were warmer by about 1°C.

Sunshine—Sunshine was above average over most of the country apart from Rotorua, Gisborne and Marlborough. Among those stations which had the greatest departures this month are:

Hokitika (+54 hours, the largest for May since 1943).
Auckland City (+51 hours, the greatest since records began in 1930),
Ruakura (+47 hours, the greatest since 1946),
Westport (+47 hours, the greatest since 1947),
Gisborne (-28 hours),
Blenheim (-32 hours).

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









