



SUPPLEMENT
TO THE
NEW ZEALAND GAZETTE
OF
THURSDAY, 28 MARCH 1985

Published by Authority

WELLINGTON: TUESDAY, 2 APRIL 1985

CLIMATOLOGICAL TABLE
FOR JANUARY 1985

NEW ZEALAND METEOROLOGICAL SERVICE

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

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	°C	mm	mm	mm			
Cape Reinga	191	23.2	16.3	19.8	+1.2	24.7	11	14.1	6	46	13	-17	19	1	..
Kaitaia Airport	80	24.4	15.4	19.9	+0.5	26.2	18	11.9	7	80	9	-7	31	2	237
Aupouri Forest	69	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kaitaia	8	25.1	14.7	19.9	..	27.4	18	10.7	7	82	9	..	46	2	..
Kerikeri M A F	79	24.4	14.3	19.4	..	26.9	30	11.0	8	95	..	..	..	..	..
Kerikeri Downs	74	24.1	14.5	19.3	..	26.5	30	11.5	19	94	..	..	..	..	..
Kerikeri Downs 2	74	24.4	14.4	19.4	..	26.1	4	11.0	8	82	12	..	44	2	..
Kerikeri Aerodrome	150	24.6	14.2	19.4	..	27.2	4	11.5	8	57	9	..	39	2	..
Umawera	9	25.7	13.6	19.7	+0.8	29.0	17	9.0	16	123	12	+40	33	2	..
Panguru	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kaikohe	204	23.5	14.8	19.2	+0.4	25.9	9	12.0	16	84	10	-7	37	2	207
Waiotemarama	229	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Waipoua Forest	88	23.6	14.2	18.9	+0.9	27.4	11	9.5	6	96	14	+24	26	2	..
Dargaville	20	24.9	14.6	19.8	+1.1	27.4	12	10.0	6	73	10	+2	16	2	228
Waitangi Forest	55	24.7	15.0	19.9	+0.3	27.8	3	11.8	16	76	11	-5	33	2	233
Glenbervie Forest	107	24.2	12.8	18.5	+0.8	27.9	4	7.4	16	90	15	-6	45	2	..
Whangarei Airport	37	24.9	15.4	20.2	+0.5	28.3	4	12.3	16	111	10	+34	58	2	..
Whangarei	29	25.6	14.8	20.2	+0.9	29.1	11	9.0	27	145	9	..	40	20	223*
Marsden Power Stn	3	25.7	15.7	20.7	+0.9	29.8	11	12.7	16	85	13	+5	41	2	..
Pouto	97	23.7	16.6	20.2	..	27.1	11	13.1	26	108	12	..	25	25	..
Leigh	27	23.1	16.8	20.0	+1.0	25.3	8	13.4	13	124	11	+60	39	2	258
Warkworth	72	23.9	13.8	18.9	+0.5	26.6	11	10.2	16	178	10	+93	72	2	..
Oyster Point	0	..	..	..	..	..	..	..	..	85	..	+17	26	2	..
Woodhill Forest	30	23.7	15.2	19.5	+1.0	26.7	11	10.5	16	103	12	+33	46	2	..
Riverhead Forest	28	24.5	14.1	19.3	+1.1	28.0	11	9.9	16	106	10	+34	38	2	..
Kumeu	32	24.6	14.0	19.3	+1.3	27.7	18	9.1	16	101	12	..	38	2	..
Whenuapai	26	24.6	14.4	19.5	+0.9	27.8	11	10.6	7	108	12	+40	39	2	..
Albert Park Auckland	49	24.6	17.1	20.9	+1.1	27.6	30	14.6	7	98	15	+33	39	2	253*
Owairaka, Auckland	41	23.9	15.7	19.8	+0.8	26.7	19	12.2	7	103	11	+31	27	2	..
Port Fitzroy	4	24.2	15.4	19.8	+0.6	26.4	18	12.8	18	130	12	+22	70	2	..
Little Barrier Is	2	23.6	16.6	20.1	..	25.3	9	14.5	16	102	14	+24	49	2	..
Rotorua Is	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Awaroa Valley	30	24.1	15.6	19.9	..	27.9	17	10.7	7	144	13	..	78	2	..
Manukau Heads	244	23.4	16.2	19.8	..	27.2	17	14.5	26	73	13	+17	34	2	..
Coromandel	43	25.0	15.1	20.1	..	28.9	11	11.9	16	153	12	..	79	2	..
Whangapoua Forest	4	25.3	14.3	19.8	+1.1	28.2	11	10.6	7	204	12	+97	109	2	..
Thames	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tairua Forest	3	..	14.2	..	..	..	..	10.2	7	96	14	+0	37	2	..
Ngatea	1	26.0	13.3	19.7	..	30.0	30	8.1	30	86	13	..	31	2	..
Paeroa	4	..	..	..	..	..	..	..	..	92	..	+19	..	..	..
Waihi	91	25.0	14.2	19.6	+1.0	27.6	11	10.8	7	132	11	+21	35	2	243
Te Aroha	18	25.7	15.3	20.5	+0.9	29.5	30	11.2	7	130	11	+45	40	25	..
Katikati	2	25.4	14.4	19.9	..	29.0	30	11.1	27	101	11	..	33	21	..
Waharoa	60	25.6	13.5	19.6	..	29.0	10	9.1	7	146	10	..	58	11	..
Tauranga	2	24.1	16.2	20.2	+1.1	27.2	7	13.2	7	121	9	+40	32	21	..
Tauranga Airport	4	24.6	14.9	19.8	+0.9	28.8	10	9.5	30	94	11	+15	29	25	266
Te Puke	91	24.0	..	..	..	26.9	9	..	..	167	12	+54	39	25	256
Rotoehu Forest	72	24.0	12.7	18.4	+0.5	27.9	16	8.9	14	130	13	+35	37	25	..
Whakatane Airport	6	24.5	13.5	19.0	+0.6	27.9	3	9.3	14	97	12	+20	24	21	265
Te Kaha	6	24.1	15.9	20.0	..	27.5	30	13.5	15	127	12	..	32	25	..
Port Ohope	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kinleith	383	23.1	12.9	18.0	+0.9	26.2	31	9.6	7	118	10	+11	38	11	..
Tikitere	338	22.8	13.8	18.3	+1.0	25.6	17	11.0	27	137	12	..	52	21	..
Kawerau	30	25.7	13.9	19.8	+0.3	28.5	3	6.0	28	129	13	+13	38	11	..
Te Teko	8	27.2	13.7	20.5	+1.3	30.7	17	9.2	14	179	12	+82	87	21	238
Rotorua Airport	287	23.6	13.7	18.7	+1.1	26.8	16	9.7	27	105	12	+15	27	21	257
Waiotapu Forest	435	22.9	11.9	17.4	+0.9	25.9	18	3.8	17	112	14	+24	30	11	..
Atiamuri Power Stn	253	24.5	12.8	18.7	+0.9	28.2	19	8.5	14	96	12	+5	33	11	..
Kaingaroa Forest	544	22.5	11.8	17.2	+0.9	26.5	18	7.5	14	104	13	+1	23	21	..
Murupara	198	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wairapukao Forest	437	23.5	10.6	17.1	+0.7	27.6	18	5.9	14	125	15	+27	30	25	..
Taupo	376	23.8	12.7	18.3	+1.0	28.1	18	8.7	28	95	15	+14	29	11	231
Wairakei Power Stn	342	24.5	12.2	18.4	+0.9	28.2	19	7.8	18	91	14	+11	43	11	..
Wairakei Research Stn	402	24.9	11.9	18.4	+1.7	29.0	19	7.2	28	88	14	+10	40	11	..
Minginui Forest	366	24.1	10.9	17.5	+0.7	28.7	18	5.1	18	153	13	+41	32	21	..
Taupo Airport	407	23.1	12.5	17.8	+0.6	26.9	18	7.3	18	124	12	+51	44	11	..
Waimihia Forest	743	20.5	10.3	15.4	+0.8	24.6	18	6.4	15	156	15	+44	43	11	..
Opotiki	6	24.0	14.9	19.5	+1.0	26.3	17	11.7	14	75	11	-7	16	25	251
Waimana	37	25.0	13.2	19.1	+0.5	29.0	4	9.2	18	138	11	+27	55	21	..
Mangere Auckland	4	24.3	16.8	20.6	+1.3	27.6	17	12.0	28	75	11	+14	24	2	235
Otara Auckland	12	24.4	15.1	19.8	+1.1	27.6	30	10.6	7	84	12	+20	26	2	..
Auckland Airport	8	24.0	16.5	20.3	+1.0	27.1	17	13.5	7	83	12	+17	27	2	275
Ardmore	30	24.3	14.2	19.3	+0.9	27.5	17	10.1	15	98	12	+31	30	2	..
Pukekohe	82	23.7	14.5	19.1	+0.9	27.8	17	11.0	16	107	15	..	34	2	199
Maioro Forest	52	23.3	15.6	19.5	+0.9	26.4	20	12.2	10	109	13	+32	39	24	..

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		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.			Maxi—mum	Date	Mini—mum	Date				Amount		Date
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	Hrs			
Hunua	122	23.8	13.2	18.5	..	27.6	30	8.8	7	120	12	..	39	11	..
Maramarua Forest	38	24.8	12.8	18.8	+0.7	28.3	30	9.0	8	95	12	+28	41	11	..
Te Kauwhata	32	24.7	14.0	19.4	+0.7	28.8	17	11.0	7	81	18	+16	21	11	231
Huntly	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Taupiri	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ruakura Hamilton	40	24.4	13.6	19.0	+1.1	28.1	30	9.4	7	67	14	-9	17	11	231
Whatawhata	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hamilton Airport	50	25.0	12.8	18.9	+1.3	30.0	17	8.1	7	70	12	-3	14	4	..
Cambridge	76	24.7	13.7	19.2	+1.2	29.3	17	10.0	28	92	12	+11	23	11	..
Mohakatino Stn Mokau	46	22.4	15.7	19.1	+1.3	24.7	17	11.6	17	178	16	+79	27	21	..
Arapuni Power Stn	123	25.6	12.9	19.3	+0.7	29.5	17	10.0	6	98	12	+16	35	11	..
Waikeria	46	24.7	13.1	18.9	+0.8	29.3	17	9.1	7	110	11	..	29	11	..
Te Kuiti	61	24.7	13.5	19.1	+0.9	29.6	17	10.4	28	144	14	+51	33	24	206
Wairere	122	23.5	13.2	18.4	..	29.3	17	8.9	28	151	16	+55	34	21	..
Pureora Forest	549	21.5	11.6	16.6	+1.2	25.1	17	7.0	28	167	14	+58	27	4	..
Mangakahu Valley	397	22.1	12.6	17.4	..	26.0	30	9.8	9	152	17	..	23	11	..
Taumarunui	171	25.3	13.0	19.2	+0.8	31.4	17	9.0	28	145	16	+49	31	11	185
Tokirima	152	24.6	12.0	18.3	..	31.3	17	7.2	16	239	19	..	82	21	..
Omata	61	22.3	15.6	19.0	+1.3	25.6	30	12.8	9	174	17	+80	33	10	..
New Plymouth	55	22.8	14.5	18.7	+1.3	26.0	17	9.4	9	220	16	+122	44	20	..
New Plymouth Airport	27	22.2	14.9	18.6	+1.3	24.7	30	10.6	9	223	15	+126	59	21	245
North Egmont	955	17.0	10.0	13.5	..	22.6	17	5.3	9	579	21	..	96	21	..
Te Wera Forest	180	22.5	12.3	17.4	+1.1	28.4	17	7.6	16	253	16	+120	68	11	..
Lower Retaruke	223	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Turangi	366	23.2	12.1	17.7	+0.4	27.3	16	7.2	28	112	14	-9	41	11	185
Chateau, Mt Ruapehu	1097	17.5	8.3	12.9	..	23.2	16	3.0	10	281	12	..	102	11	..
Hukanui	235	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mt Bruce Res	305	24.1	12.2	18.2	+2.5	30.0	19	5.5	9	190	14	+38	53	11	..
Waingawa Masterton	114	26.4	13.8	20.1	+2.8	31.8	31	6.6	9	36	12	-29	8	22	259
Kopua	311	23.0	12.7	17.9	+1.4	27.5	31	7.5	16	60	11	-21	19	2	..
Waipukurau	137	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dannevirke	207	23.9	13.4	18.7	+1.6	28.2	31	8.3	16	59	12	-16	12	11	225
Porangahau	8	25.3	13.9	19.6	..	29.5	25	8.3	1	33	6	..	15	11	..
Castlepoint	3	23.4	16.3	19.9	+1.9	27.6	31	12.8	1	30	9	-26	8	13	..
Ngaumu Forest	244	25.5	12.2	18.9	+2.8	31.0	19	6.7	1	32	11	-27	7	11	..
Tauherenikau, Alloa	43	26.0	14.0	20.0	+2.6	31.4	18	7.9	9	62	12	-19	13	21	..
Waiorongomai	21	23.9	14.4	19.2	+2.4	29.0	18	7.6	1	136	10	+33	30	22	..
Cape Palliser	10	23.3	15.9	19.6	+1.7	26.3	3	9.8	1	69	10	+0	24	24	..
East Cape	17	23.0	16.3	19.7	+0.9	26.1	8	12.6	16	109	12	+30	46	2	..
Ruatoria	61	25.8	14.6	20.2	+1.2	30.9	6	9.9	16	81	10	-29	28	2	..
Mangatu Forest	182	25.6	13.2	19.4	+1.0	29.9	7	9.0	16	112	12	+29	44	27	..
Manutuke Gisborne	9	25.4	13.5	19.5	+1.0	28.5	4	9.2	16	37	9	-32	13	11	..
Gisborne Airport	4	26.2	13.6	19.9	+1.1	29.5	4	8.0	16	30	13	-40	10	11	276
Onepoto, Waikaremoana	643	22.7	..	..	..	28.6	31	..	..	82	15	-65	17	27	..
Wharerata Forest	439	..	13.2	..	..	..	..	8.5	16	55	10	..	27	11	..
Esk Forest	427	23.1	13.0	18.1	+1.5	26.6	7	8.4	15	70	14	-52	20	11	..
Ngamatea	885	20.4	8.4	14.4	..	24.5	31	3.7	15	73	15	..	30	1	..
Kaweka Forest	414	23.7	13.4	18.6	+1.3	27.2	10	9.6	27	44	10	-47	12	14	..
Napier Airport	2	25.0	14.2	19.6	+1.1	30.8	4	8.9	16	32	8	-24	8	13	..
Napier	2	26.3	15.9	21.1	+1.9	30.6	6	10.6	16	24	7	-26	8	11	272
Hastings	16	26.0	14.8	20.4	..	31.8	4	8.5	16	58	10	..	14	27	..
Whakatu	6	25.1	14.5	19.8	..	31.0	25	9.1	16	39	10	..	12	13	..
Gwavas Forest	335	24.0	11.6	17.8	+1.7	29.2	15	6.5	16	121	12	+32	59	27	..
Makaretu	335	24.2	12.1	18.2	+1.3	28.9	10	6.8	18	86	15	+5	23	2	..
Mohaka Forest	286	24.4	13.3	18.9	+1.4	28.4	10	9.3	16	115	9	+17	49	27	..
Frasertown, Wairoa	8	25.8	14.2	20.0	+1.0	30.5	31	10.2	16	35	13	-59	11	11	..
Wairoa	20	25.5	..	..	..	29.6	31	..	..	27	10	-67	10	1	266
Kapiti Is	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Paraparaumu Airport	7	22.2	14.8	18.5	+1.5	25.5	20	10.3	1	157	13	+82	47	11	262
Flockhouse Bulls	9	23.2	13.7	18.5	+1.3	27.6	10	8.9	1	151	14	+86	35	25	..
Ohakea	48	23.4	14.4	18.9	+1.2	28.5	10	10.3	1	125	15	+55	26	21	251
Wharite Peak	914	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kairanga Palmerston N	15	23.6	13.2	18.4	+1.3	28.4	10	8.8	9	171	14	+97	32	11	235
Palmerston N Airport	45	23.5	13.9	18.7	+1.4	28.8	20	9.9	9	126	14	+56	28	24	..
Palmerston N D S I R	34	23.5	14.3	18.9	+1.2	28.9	20	10.5	1	124	15	+47	23	25	200
Tiritea	100	22.8	13.8	18.3	..	27.7	20	10.9	14	123	12	..	24	22	..
Waitarere Forest	3	22.5	14.5	18.5	+1.2	27.5	17	7.9	1	107	13	+40	21	11	..
Levin	46	22.4	14.3	18.4	+1.2	27.4	17	10.8	28	160	17	+75	32	22	214
Titahi Bay	31	22.5	15.8	19.2	..	25.8	17	10.4	1	136	10	..	36	21	..
Avalon, Lower Hutt	15	23.3	15.1	19.2	+1.9	27.0	17	10.7	9	129	10	+26	31	22	..
Highland Pk Wgtn	120	22.2	14.9	18.6	..	25.7	17	10.5	1	168	10	..	42	22	..
Kelburn, Wellington	125	21.9	15.3	18.6	+2.0	25.4	18	11.2	1	138	10	+52	32	10	286
Somes Is	43	21.9	15.8	18.9	+2.0	25.5	18	12.0	1	125	9	+55	39	24	..
Gracefield Lower Hutt	34	22.8	15.5	19.2	+2.1	26.2	20	10.5	1	127	9	+45	33	24	..
Wainuiomata	82	22.5	14.2	18.4	+1.9	27.5	17	8.8	1	122	9	+34	37	24	..

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		A Max.	B Min.			Maximum	Date	Minimum	Date				Amount	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	mm		
Wellington Airport	6	23.3	16.5	19.9	+2.5	26.6	18	12.1	1	141	10	+70	29	24	..
Rimutaka Forest	37	23.3	..	..	..	27.9	18	..	..	140	9	..	42	24	..
Kaitoke	223	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wallaceville	56	23.5	13.9	18.7	+2.0	28.0	18	7.5	1	166	12	+77	44	11	276
Cape Egmont	8	22.4	15.5	19.0	+1.6	24.9	20	10.5	13	176	19	+84	44	21	..
Stratford Mtn House	846	18.5	9.2	13.9	+0.9	24.4	17	5.6	28	471	17	+123	89	21	..
Stratford Dem Farm	311	21.8	12.1	17.0	+1.3	27.7	17	7.8	9	264	14	+135	73	21	237
Kapuni	173	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mania Dem Farm	98	22.0	13.6	17.8	+1.3	26.0	1	10.4	9	122	19	+39	22	21	241
Normanby	122	22.1	13.1	17.6	+1.4	24.8	1	8.9	9	102	21	..	24	21	..
Patea	43	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pipiriki	80	25.1	13.8	19.5	..	29.8	17	10.4	16	169	16	..	74	11	..
Ohakune Junction	629	20.6	10.9	15.8	+0.9	25.1	17	6.4	15	189	16	+96	44	11	..
Karioi	648	21.4	10.3	15.9	+0.7	25.0	17	5.2	16	112	15	+32	32	11	..
Waiouru	823	20.3	10.0	15.2	+1.5	24.0	18	5.0	16	70	15	-3	12	21	..
Waiouru Military Camp	823	19.9	9.6	14.8	+1.3	24.2	18	4.7	16	75	15	-2	11	21	..
Ahu Ahu Valley	85	24.7	12.7	18.7	..	29.3	17	8.8	6	113	15	..	27	26	..
Taihape	433	23.9	11.2	17.6	+1.2	28.1	20	6.5	16	91	18	+24	22	11	..
Kahui, Taihape	518	22.9	12.0	17.5	+1.3	27.5	31	8.4	15	77	..	+16	24	11	..
Wanganui	22	23.7	15.2	19.5	+1.5	30.0	17	12.0	15	116	12	+46	34	12	251
Wanganui Airport	9	23.5	14.6	19.1	..	29.3	17	10.8	1	101	12	+32	23	11	..
Totaranui	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Westport Airport	2	20.6	12.9	16.8	+0.7	23.3	1	10.5	9	207	19	+48	43	10	213
Cobb Dam	823	18.7	8.7	13.7	+0.4	25.3	18	5.7	9	262	17	+140	102	10	..
Arapito	20	21.7	12.6	17.2	..	25.6	1	10.0	9	320	17	..	56	7	187
Lake Rotoroa	443	21.0	10.1	15.6	..	28.2	18	5.8	6	249	20	..	45	10	..
Lake Rototiti	634	20.7	8.7	14.7	+0.3	28.7	18	3.4	14	214	21	+87	47	10	..
Hokitika Airport	39	19.9	12.6	16.3	+1.0	23.4	1	9.7	15	264	19	+43	42	22	177
Punakaiki	4	21.3	14.3	17.8	..	24.4	1	11.8	23	273	19	..	41	22	..
Reefton	198	22.2	11.5	16.9	+0.4	29.1	18	8.4	6	228	19	+93	45	10	..
Barrytown	30	20.5	14.2	17.4	..	24.1	1	11.5	23	296	19	+78	42	22	..
Totara Flat	77	22.7	11.5	17.1	+0.9	28.5	1	8.4	1	170	17	+26	20	10	..
Greymouth	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Otira Substation	383	19.6	10.3	15.0	+0.3	27.0	1	7.0	15	654	20	+264	122	10	..
Springs Junction	421	20.6	9.8	15.2	+0.1	29.2	18	5.0	9	266	21	+115	49	10	..
Pukekura	86	20.2	11.3	15.8	..	25.2	1	7.3	9	406	20	..	48	9	..
Hari Hari	45	20.5	12.0	16.3	+0.9	25.8	1	7.5	7	655	23	+327	114	10	..
Okarito	10	20.1	12.7	16.4	..	23.6	1	9.3	13	395	20	..	65	10	..
Franz Josef	155	19.1	11.1	15.1	..	26.2	1	8.6	13	707	21	..	113	10	73
Fox Glacier	152	19.4	11.4	15.4	+0.7	26.0	1	7.6	13	735	21	+371	151	10	..
Milford Sound	3	17.9	10.9	14.4	-0.3	24.5	1	6.7	9	1286	25	+759	165	10	..
Puysegur Point	43	17.0	11.7	14.4	..	22.1	18	9.1	27	331	24	+133	62	7	..
Stephens Is	187	20.0	14.6	17.3	+1.6	22.5	18	12.0	1	82	12	+23	27	21	..
Riwaka Motueka	8	23.3	12.3	17.8	+0.6	26.4	3	7.5	9	235	15	+161	126	10	263
Tapawera	146	23.7	11.1	17.4	..	29.3	16	6.5	14	125	17	..	37	10	..
Crail Bay Pelorus Sd	13	21.9	14.5	18.2	..	24.6	29	10.3	14	245	..	..	..	..	..
Appleby	17	22.1	13.4	17.8	+0.2	26.6	3	9.4	14	199	14	+137	116	10	..
Nelson Airport	2	22.3	13.5	17.9	+0.5	25.8	3	9.5	14	254	14	+185	138	10	266
Rai Valley	79	22.9	12.2	17.6	+0.8	28.2	16	6.0	9	347	14	+216	103	21	..
Moutere Hills	110	22.3	13.9	18.1	+0.4	26.5	3	10.4	14	173	15	+99	80	10	..
Wairau Valley	162	24.0	12.2	18.1	..	30.0	19	6.3	14	259	18	..	127	10	..
Blenheim Airport	27	25.1	13.4	19.3	+1.7	30.9	18	7.5	14	162	13	+108	52	10	..
Brancott Valley	64	24.2	12.4	18.3	..	28.8	19	6.8	14	153	13	..	61	10	..
Blenheim	4	25.2	13.6	19.4	+1.5	30.2	18	7.7	14	167	13	+116	59	10	284
Wither Hills Blenheim	32	24.5	13.6	19.1	+1.1	29.0	3	8.0	14	137	12	+87	52	10	..
Waihopai Power Stn	262	23.6	12.2	17.9	+0.7	30.0	31	8.2	14	226	14	+157	90	10	..
Duntroon	350	..	..	..	..	..	..	..	..	220	..	+156	76	10	..
Lake Grassmere	2	23.4	..	..	..	29.2	3	..	..	109	7	+63	46	10	266
Cape Campbell	3	20.9	14.9	17.9	+1.7	25.0	8	11.9	15	97	10	+48	36	10	..
Boyle River Lodge	600	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hanmer Forest	387	24.7	10.2	17.5	+1.8	32.3	18	4.9	9	56	12	-36	14	2	237
Molesworth	893	20.8	7.6	14.2	+0.2	27.8	18	3.2	9	94	12	+35	32	10	..
Kaikoura Flats	24	23.5	11.9	17.7	..	28.7	3	7.4	15	31	6	..	14	13	..
Kaikoura	108	22.5	14.7	18.6	+2.6	29.0	4	10.9	15	30	5	-36	15	13	264
Arthurs Pass	738	17.2	9.0	13.1	..	24.0	1	5.0	15	665	20	+348	135	10	..
Culverden	174	25.5	11.8	18.7	..	33.8	18	7.0	9	59	4	..	47	26	..
Balmoral Forest	198	25.7	12.4	19.1	+2.5	34.0	18	6.5	15	12	6	-40	6	25	..
Waiou	137	26.3	12.3	19.3	..	33.2	19	6.5	7	60	7	..	24	13	..
Cheviot	85	24.9	11.5	18.2	..	30.6	18	4.8	1	17	6	..	8	13	258
The Hermitage Mt Cook	765	..	8.8	..	..	..	..	5.4	9	596	21	+221	143	10	172
Mt John	1027	19.4	8.4	13.9	+0.3	25.7	28	4.4	11	38	8	-15	14	10	..
Craigieburn Forest	914	19.9	8.3	14.1	+0.8	27.2	31	3.5	10	163	21	+42	37	11	..
Lake Coleridge	364	23.0	10.6	16.8	+1.1	31.0	18	5.3	15	52	16	-12	15	10	..
Highbank Power Stn	336	22.9	11.8	17.4	+1.9	30.0	18	7.8	26	46	12	-43	20	25	250
Hororata Substation	192	26.2	12.0	19.1	+2.8	34.7	18	4.7	15	20	9	-57	8	25	259

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for January 1985—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	Differ-ence From Normal	Absolute Maximum and Minimum				Total Fall	No. of Rain Days	Differ-ence From Normal	Maximum Fall		
		A Max.	B Min.			Maxi-mum	Date	Mini-mum	Date				Amount	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Winchmore	160	24.5	11.9	18.2	+2.3	32.6	18	5.3	15	11	7	-53	3	13	..
Peel Forest	274	23.8	9.9	16.9	+1.9	32.0	18	3.9	7	94	17	-4	49	13	..
Ashburton	101	26.3	12.6	19.5	+2.4	35.6	18	6.3	15	15	6	-51	8	25	219
Waipara	64	..	..	..	..	..	..	..	..	21	..	-33	18	27	..
Ashley Forest	107	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rangiora	46	24.9	12.0	18.5	+2.1	32.0	3	4.4	15	6	6	-59	3	25	..
Darfield	195	26.9	11.9	19.4	+2.6	34.4	18	5.8	15	11	6	-61	4	25	..
Eyrewell Forest	158	25.4	12.3	18.9	+2.5	32.2	19	7.0	28	9	5	-60	4	16	..
Christchurch Airport	30	25.1	13.2	19.2	+2.4	33.2	3	5.4	15	9	4	-43	4	22	277
Templeton	46	25.1	12.9	19.0	+2.6	31.2	3	4.9	15	3	3	..	2	25	..
Christchurch	7	25.2	13.7	19.5	+2.5	32.7	3	7.4	15	4	4	-49	2	21	..
Bromley Christchurch	9	23.6	14.5	19.1	+2.0	32.5	3	8.0	15	4	4	-41	3	25	..
Mt Pleasant	137	23.2	14.6	18.9	+2.5	32.1	3	10.2	15	7	3	-48	6	25	..
Lincoln	11	24.9	12.6	18.8	+2.2	32.8	3	4.6	15	8	4	-51	5	25	271
Quail Island	75	23.4	14.1	18.8	..	31.5	3	5.4	15	4	4	..	2	25	..
Akaroa	3	25.5	12.5	19.0	+2.2	33.4	3	6.0	15	8	3	..	5	4	..
Lake Tekapo	683	21.6	10.0	15.8	+0.4	27.1	28	5.6	15	37	7	-15	13	10	..
Lake Pukaki	556	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fairlie	304	24.2	9.3	16.8	..	31.9	28	3.4	7	21	6	..	12	13	..
Twizel	457	23.4	9.2	16.3	+0.3	29.5	18	4.0	15	34	15	-35	9	10	..
Ikawai	70	22.2	12.1	17.2	+2.0	31.5	3	5.0	15	26	6	-30	13	22	..
Geraldine	119	24.9	12.0	18.5	+2.4	32.6	3	5.8	15	41	8	-39	16	13	..
Orari Estate	81	24.9	11.7	18.3	+2.4	33.5	3	5.3	15	25	10	-54	13	13	..
Temuka	24	24.1	11.8	18.0	+2.2	34.4	3	5.5	15	29	..	-37	9	13	..
Timaru Airport	26	23.5	11.5	17.5	+1.9	34.4	3	6.2	15	30	7	-28	10	26	..
Adair	85	23.3	12.5	17.9	+2.3	33.0	3	8.2	15	26	14	-31	8	13	..
Timaru	17	23.3	13.1	18.2	+1.7	33.4	3	7.5	15	23	13	-34	8	13	..
Timaru 2	17	22.8	13.0	17.9	..	33.5	3	7.3	15	23	12	..	8	13	225
Waimate	61	23.0	12.4	17.7	+1.5	33.0	3	7.6	15	35	9	-22	15	25	..
Aviemore	241	23.8	11.9	17.9	..	33.2	18	5.9	15	17	10	-35	12	25	..
Kurow	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Oamaru Airport	30	21.7	11.8	16.8	+1.7	31.3	3	8.5	15	19	6	-27	11	22	197
Knobs Flat	360	19.6	9.3	14.5	..	27.1	1	4.6	9	378	..	+203	..	..	..
Tara Hills Omarama	488	23.3	10.1	16.7	+0.8	29.6	30	4.9	15	38	13	-19	9	11	224
Lake Hawea	350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wanaka	296	23.1	11.2	17.2	+0.2	29.0	30	6.2	9	60	16	+8	9	20	..
Queensberry	277	23.3	11.4	17.4	..	29.2	1	5.7	9	44	15	..	7	11	..
Bendigo	200	24.4	11.8	18.1	..	30.2	1	5.5	9	25	14	..	5	25	..
Naseby	607	22.1	8.8	15.5	..	28.3	3	3.0	9	45	7	..	17	12	..
Windsor	88	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Oamaru	5	21.2	13.0	17.1	..	31.3	3	8.3	15	17	7	..	7	22	..
Ranfurly	427	23.4	9.3	16.4	+1.8	29.6	3	4.0	9	39	5	-19	20	12	186
Herbert Forest	61	22.3	..	..	..	32.5	3	..	..	43	8	-13	15	13	..
Palmerston	21	21.9	10.8	16.4	+1.7	32.9	3	4.4	15	34	8	-18	11	13	169
Cherry Farm Hospital	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Taiaroa Head	72	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invermay, Taieri	30	22.1	10.7	16.4	+1.7	31.5	3	6.0	15	55	14	-18	19	13	172
Berwick Forest	18	22.2	..	..	..	30.6	3	..	..	34	15	-41	10	13	..
Dunedin Airport	1	22.5	10.8	16.7	+2.0	31.4	3	6.1	15	42	12	-28	23	13	156
Musselburgh Dunedin	2	20.8	13.2	17.0	+1.9	28.4	4	10.6	15	28	11	-43	11	12	173
Te Anau	215	19.3	10.6	15.0	+0.8	27.2	1	6.1	9	209	19	+112	30	22	150
West Arm, Manapouri	232	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Borland Burn	183	20.0	8.7	14.4	+0.3	27.5	1	3.4	9	202	21	+100	34	22	..
Queenstown	329	21.7	11.1	16.4	+0.2	26.9	29	7.3	9	116	15	+47	35	22	182
Queenstown Airport	349	20.7	9.7	15.2	-0.1	26.0	3	4.9	9	92	13	+34	35	22	..
Gibbston	366	22.9	10.6	16.8	..	29.0	1	5.2	9	54	12	..	21	22	..
Otama	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cromwell Sub Stn	213	24.4	11.8	18.1	..	31.0	3	6.8	9	28	11	-7	8	22	..
Cromwell	213	25.1	11.3	18.2	+0.5	31.2	3	5.8	9	22	13	-20	5	22	..
Northburn	210	24.4	11.9	18.2	..	29.9	1	6.7	9	17	9	..	4	25	..
Cromwell 2	213	24.7	11.3	18.0	..	30.6	3	6.2	9	23	13	..	5	22	220
Lauder	370	23.9	10.2	17.1	..	28.8	31	3.9	9	31	10	..	10	25	..
Clyde Dam	160	24.6	11.9	18.3	..	31.1	3	7.8	15	32	11	..	11	25	..
Ophir	305	23.5	10.0	16.8	+0.8	29.4	1	3.0	9	32	7	-16	8	12	..
Clyde(Dsir)	171	25.1	11.4	18.3	..	32.0	3	6.2	15	25	11	..	9	25	..
Alexandra	141	25.3	11.2	18.3	..	33.0	3	7.0	25	31	10	..	6	12	213
Roxburgh Power Stn	110	24.0	10.5	17.3	+0.8	32.5	3	6.0	9	31	13	-19	8	19	..
Ettrick	83	23.8	10.7	17.3	..	32.5	3	6.0	25	42	12	..	14	12	..
Deep Stream	396	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Beaumont	46	22.5	10.3	16.4	..	31.5	3	5.8	9	97	14	+13	27	25	..
Mahinerangi Dam	396	19.4	9.5	14.5	+1.5	27.7	3	6.1	15	63	14	-26	15	25	..
Tapanui	226	20.5	9.8	15.2	+0.5	27.0	3	5.6	9	83	14	-6	13	12	..
Taieri Mouth	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tuatapere	27	20.1	10.5	15.3	..	27.6	3	5.0	9	209	21	..	56	22	..
Otautau	55	20.0	10.0	15.0	+1.0	27.2	3	4.1	9	133	21	+42	34	22	123

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for January 1985—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	Hrs				
Winton	44	20.6	10.1	15.4	+1.1	29.8	3	5.7	9	111	19	+31	21	19	125
Gore	123	20.1	10.5	15.3	+1.0	27.4	3	5.6	9	119	22	+19	24	22	151
Hokonui Forest	46	20.7	..	..	..	28.0	3	..	..	110	15	+15	26	4	..
Woodlands	47	20.2	10.2	15.2	+1.4	27.0	3	4.1	9	119	23	+20	33	4	..
Invercargill Airport	0	19.8	10.8	15.3	+1.6	25.8	3	4.5	9	175	19	+79	44	24	147
Tiwai Point, Bluff	5	19.1	11.9	15.5	+1.4	24.4	3	7.0	9	122	18	+36	23	4	..
Stewart Is	3	17.9	11.2	14.6	+1.7	23.7	31	7.4	15	174	24	+70	24	6	..
Milton	18	..	..	..	..	..	..	..	..	45	..	-26	11	25	..
Clinton School	120	20.6	..	..	..	28.0	3	..	..	118	..	..	56	25	..
Finegand Balclutha	6	21.8	11.0	16.4	+1.7	30.5	3	6.0	9	30	7	-34	10	25	163
Owaka	5	19.8	10.0	14.9	+1.1	27.4	31	4.3	9	59	18	+7	16	4	..
Nugget Point	129	18.8	11.3	15.1	+1.8	27.8	3	8.5	15	63	22	-13	13	25	..
Tautuku	40	19.7	10.4	15.1	+1.5	28.9	3	4.2	7	119	19	-12	53	4	..
Nadi Airport Fiji	19	32.2	22.3	27.3	+0.1	34.2	8	19.8	8	251	7	-59	140	17	280
Rarotonga Airport	7	28.5	23.6	26.1	+0.5	30.0	24	20.9	11	356	20	+93	85	12	190
Totokoitu, Rarotonga	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Raoul Is	38	25.8	20.0	22.9	+1.2	27.7	29	17.6	2	16	8	-103	6	18	265
Campbell Is	15	13.2	8.3	10.8	+1.4	18.2	11	3.0	17	199	27	+81	51	7	80
Waitangi, Chatham Is	44	20.6	13.6	17.1	+2.6	23.5	29	8.0	1	14	9	-43	4	14	234
Scott Base Antarctica	16	0.6	-5.6	-2.5	+2.5	3.9	25	-12.0	21	..	..	..	..	..	..
LATE RETURNS AND CORRECTIONS															
Aupouri Forest 12/1984	69	22.6	15.4	19.0	+1.0	25.6	22	12.0	19	135	12	+54	62	8	..
Kaitaia 12/1984	8	24.1	14.9	19.5	..	27.0	28	9.5	19	120	13	..	26	8	..
Umawera 08/1984	9	16.7	7.1	11.9	+0.6	19.0	19	3.2	8	129	15	-40	44	22	..
Umawera 09/1984	9	18.1	6.0	12.1	-0.3	20.5	23	1.0	19	92	17	-35	20	29	..
Umawera 10/1984	9	..	..	..	..	..	..	..	..	18	..	-110	5	18	..
Waiotemarama 10/1984	229	..	..	..	..	..	..	..	..	42	14	..	13	7	..
Waiotemarama 11/1984	229	..	..	..	..	..	..	..	..	148	16	..	55	15	..
Waiotemarama 12/1984	229	21.4	14.6	18.0	+2.0	24.6	30	11.6	19	114	14	..	32	11	..
Waitangi Forest 12/1984	55	23.5	15.0	19.3	+1.3	26.5	22	10.6	19	147	14	+63	52	21	214
Warkwroly 12/1984	72	22.8	13.6	18.2	+1.4	26.0	22	8.6	19	249	14	+136	82	10	..
Port Fitzroy 12/1984	4	23.3	14.8	19.1	+1.3	26.2	22	10.7	1	262	17	+149	125	21	..
Little Barrier Is 12/1984	2	23.0	15.6	19.3	..	26.0	21	11.8	7	164	13	+75	48	21	..
Awaroa Valley 12/1984	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Manukau Heads 11/1984	244	19.6	13.1	16.4	..	25.7	24	8.0	17	131	16	+58	57	2	..
Ngatea 12/1984	1	24.9	12.5	18.7	..	28.0	27	6.7	19	140	16	..	76	21	..
Paeroa 12/1984	4	..	..	..	..	..	..	..	..	126	14	+13	83	21	..
Waihi 12/1984	91	23.8	14.3	19.1	+1.9	27.3	26	8.8	20	116	14	-36	66	21	210
Mangere Auckland 12/1984	4	23.5	15.6	19.6	+1.8	27.0	28	11.3	2	119	12	+35	38	11	240
Pukekohe 09/1984	82	16.0	7.6	11.8	+0.1	18.5	2	4.6	15	98	15	..	19	3	149
Pukekohe 10/1984	82	17.4	8.9	13.2	+0.0	22.0	31	3.0	23	39	15	..	9	18	194
Pukekohe 11/1984	82	20.6	12.4	16.5	+1.5	24.0	15	7.5	21	129	13	..	46	15	132
Pukekohe 12/1984	82	22.9	13.9	18.4	+1.8	26.6	28	9.8	25	115	14	..	30	11	196
Te Kauwhata 12/1984	32	24.0	13.1	18.6	+1.3	27.3	31	8.5	19	130	15	+31	43	21	226
Whatawhata 10/1984	104	17.0	7.6	12.3	-0.7	21.6	28	-0.1	5	38	14	-100	7	18	218
Mohakatino Stn Mokau 12/1984	46	21.6	15.4	18.5	+2.1	25.4	30	12.2	25	176	..	+36	..	..	..
Mangakahu Valley 12/1984	397	21.9	12.1	17.0	..	25.8	28	9.0	19	221	19	..	48	16	..
Te Wera Forest 12/1984	180	22.0	12.1	17.1	+2.1	26.5	31	6.5	19	246	22	+94	38	11	..
Hukanui 12/1984	235	21.3	11.6	16.5	..	26.4	27	6.6	31	140	..	-13	33	16	..
Waipukurau 12/1984	137	24.4	12.3	18.4	+2.3	28.9	16	7.7	7	60	12	-32	22	11	175*
Dannevirke 12/1984	207	22.3	12.5	17.4	+1.8	28.9	16	7.2	24	80	17	-43	14	22	199
Ngaumu Forest 12/1984	244	22.8	11.4	17.1	+2.3	28.0	6	4.5	24	46	9	-40	32	11	..
Waiorongomai 12/1984	21	20.9	13.5	17.2	+1.6	25.2	26	7.6	24	67	9	-46	21	11	..
Cape Palliser 12/1984	10	21.1	15.0	18.1	+1.3	28.5	16	11.7	3	68	12	-8	20	12	..
Hastings 12/1984	16	24.7	14.7	19.7	..	29.0	16	10.5	19	65	10	..	22	11	..
Wallaceville 12/1984	56	21.5	13.0	17.3	+1.9	25.8	26	7.4	2	65	13	-31	18	5	249
Stratford Mtn House 12/1984	846	17.1	8.5	12.8	+1.4	22.5	27	3.8	19	454	18	+6	122	5	..
Kapuni 03/1984	173	..	..	..	..	..	..	..	..	162	..	..	..	..	..
Kapuni 04/1984	173	17.8	8.0	12.9	..	21.5	3	1.6	30	57	..	..	28	26	..
Kapuni 05/1984	173	14.8	6.5	10.7	..	18.2	9	-3.0	22	68	18	..	14	1	..
Normanby 12/1984	122	21.1	12.3	16.7	+1.8	24.8	27	8.3	31	85	20	..	27	13	..
Karioi 12/1984	648	20.9	10.3	15.6	+1.9	25.6	21	4.3	19	104	17	-15	25	16	..
Waiouru 12/1984	823	19.8	9.7	14.8	+2.6	24.6	27	3.5	19	116	17	+6	32	11	..
Westport Airport 12/1984	2	19.1	12.5	15.8	+1.0	23.7	30	8.9	23	261	16	+84	50	7	182
Arapito 12/1984	20	20.7	11.9	16.3	..	28.0	14	8.5	7	252	15	..	52	13	176
Otira Substation 12/1984	383	..	9.0	..	..	..	..	5.5	24	706	21	+323	175	19	..
Franz Josef 12/1984	155	18.2	10.0	14.1	..	26.0	31	5.5	8	1191	21	..	256	21	115
Stephens Is 12/1984	187	17.9	13.1	15.5	+1.2	20.3	21	..	..	124	15	+67	31	11	..
Tapawera 12/1984	146	22.4	10.3	16.4	..	27.0	25	4.9	7	184	13	..	46	11	..
Waihopai Power Stn 12/1984	262	20.8	10.5	15.7	+0.0	26.1	25	6.0	8	171	14	+98	58	16	..
Duntroon 12/1984	350	20.8	11.1	16.0	..	25.2	25	4.7	2	169	..	+102	68	11	..
Arthurs Pass 12/1984	738	16.2	7.3	11.8	..	27.0	31	2.2	24	666	18	+324	168	19	..
Culverden 12/1984	174	22.3	10.3	16.3	..	27.2	4	3.2	2	49	7	..	14	16	..
Waipara 12/1984	64	..	..	..	..	..	..	..	..	51	..	-1	27	11	..
Ashley Forest 08/1984	107	12.2	3.9	8.1	+0.8	19.2	4	-1.5	9	24	5	-46	8	30	139
Christchurch 12/1984	7	21.6	11.9	16.8	+1.0	28.6	20	6.4	8	60	10	+10	32	11	..

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for January 1985—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	Differ-ence From Normal	Absolute Maximum and Minimum				Total Fall	No. of Rain Days	Differ-ence From Normal	Maximum Fall		
		A Max.	B Min.			Maxi-mum	Date	Mini-mum	Date				Amount		Date
Metres	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	Hrs				
Lake Pukaki 12/1984	556	18.9	8.8	13.9	-0.6	26.1	31	4.4	8	136	17	+78	34	20	..
Twizel 12/1984	457	19.8	8.0	13.9	-0.5	27.5	31	2.2	2	141	17	+78	37	20	..
Kurow 10/1984	207	18.2	6.0	12.1	..	24.8	14	-0.1	23	5	8	..	2	8	..
Kurow 11/1984	207	20.2	9.0	14.6	..	28.4	28	2.5	17	63	12	..	21	16	..
Knobs Flat 12/1984	360	18.7	8.1	13.4	..	28.7	31	4.2	24	370	..	+173	..	..	..
Tara Hills Omarama 12/1984	488	19.6	8.5	14.1	-0.4	28.4	31	3.1	1	145	16	+96	39	20	153
Lake Hawea 12/1984	350	19.1	9.7	14.4	-1.0	28.9	31	4.7	1	142	17	+85	23	20	..
Naseby 11/1984	607	18.3	5.5	11.9	..	25.2	28	-0.4	26	71	10	..	21	16	..
Oamaru 12/1984	5	18.0	11.5	14.8	..	24.5	19	8.7	30	71	18	..	15	7	..
Ranfurly 10/1984	427	16.2	3.0	9.6	+0.0	22.4	14	-4.2	9	7	7	-37	4	8	168
Taiaroa Head 12/1984	72	16.3	10.7	13.5	+0.6	24.0	19	8.4	9	55	18	-8	12	12	..
Invermay, Taieri 12/1984	30	18.5	9.5	14.0	+0.2	29.0	4	4.8	2	72	23	-4	9	12	123
Berwick Forest 12/1984	18	18.8	..	..	..	25.1	20	..	..	86	16	+13	20	22	..
West Arm, Manapouri 12/1984	232	17.5	9.0	13.3	+0.3	28.5	31	5.5	2	379	21	+102	62	19	..
Queenstown Airport 11/1984	349	19.1	7.1	13.1	+1.5	23.5	3	0.2	17	56	10	+3	16	22	..
Gibbston 12/1984	366	20.3	9.1	14.7	..	29.3	31	3.1	1	100	16	..	23	18	..
Ophir 12/1984	305	20.8	8.6	14.7	+0.0	30.1	31	0.6	1	37	11	-10	8	6	..
Alexandra 10/1984	141	18.8	4.2	11.5	..	25.5	14	-2.1	2	13	12	..	4	16	215
Alexandra 11/1984	141	22.4	8.5	15.5	..	29.5	28	1.5	17	36	11	..	9	22	229
Alexandra 12/1984	141	22.5	9.3	15.9	..	32.2	31	5.0	2	40	14	..	7	8	173
Clinton School 12/1984	120	18.6	..	..	..	26.0	20	..	..	92	16	..	18	26	..
Tautuku 11/1984	40	17.0	7.4	12.2	+1.1	23.7	15	1.8	19	95	14	-21	25	24	..
Tautuku 12/1984	40	16.9	8.9	12.9	+0.2	23.1	20	4.5	1	109	21	+21	27	26	..
Nadi Airport Fiji 12/1984	19	32.7	22.6	27.7	+0.9	34.3	23	19.9	6	91	13	-77	33	28	244
Rarotonga Airport 11/1984	7	26.9	21.8	24.4	+0.3	28.4	29	17.6	3	159	20	+4	32	24	168
Scott Base Antarctica 02/1984	16	-9.1	-15.8	-12.5	-1.8	0.3	2	-29.4	29	..	..	..	..	..	..
Scott Base Antarctica 03/1984	16	-12.4	-22.9	-17.7	+2.7	-3.2	15	-32.0	31	..	..	..	..	..	..
Scott Base Antarctica 04/1984	16	-15.3	-25.8	-20.6	+3.5	-7.8	15	-35.7	23	..	..	..	..	..	..
Scott Base Antarctica 05/1984	16	-15.8	-27.6	-21.7	+5.5	-6.9	17	-39.3	12	..	..	..	..	..	..
Scott Base Antarctica 06/1984	16	-20.4	-30.4	-25.4	+0.9	-8.2	10	-41.0	20	..	..	..	..	..	..
Scott Base Antarctica 07/1984	16	-20.9	-33.1	-27.0	+2.3	-8.9	6	-47.0	15	..	..	..	..	..	..
Scott Base Antarctica 08/1984	16	-22.9	-38.4	-30.7	+0.1	-11.7	20	-49.6	7	..	..	..	..	..	..
Scott Base Antarctica 09/1984	16	-21.0	-35.2	-28.1	+0.0	-9.9	14	-42.0	26	..	..	..	..	..	..
Scott Base Antarctica 10/1984	16	-14.6	-23.6	-19.1	+3.6	-7.7	24	-42.4	4	..	..	..	..	..	..
Scott Base Antarctica 11/1984	16	-6.4	-15.1	-10.8	+1.1	-0.8	28	-23.8	2	..	..	..	..	..	..
Scott Base Antarctica 12/1984	16	0.8	-6.4	-2.8	+2.7	6.5	17	-13.5	1	..	..	..	..	..	..

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 JANUARY 1985

General—January was mild and generally sunny.

North-westerly winds were more frequent than usual in the north and there were more north-easterly winds than usual in the South. Although winds were close to average in strength in the north, there were fewer strong winds than usual in the south this month.

Pressures were low, especially in the South Island and south of the North Island.

Farmers in the North Island reported good stock condition with feed generally plentiful except in parts of Gisborne, Hawkes Bay and Wairarapa which continued to be very dry. In the South Island conditions were generally very favourable for stock and crops apart from areas of Canterbury and North Otago. Continuing dry weather in these areas has led to feed shortages and some poor grain harvests.

Rainfall—Rainfall was generally above normal except for parts of Northland, some central areas and the east of the North Island, the Kaikoura Coast, Canterbury and Otago. Some parts of Canterbury had between 10 and 25 percent of normal rainfall while other dry areas had generally between 40 and 80 percent of normal rainfall.

Western areas of both Islands and the north of the South Island were very wet, with many stations recording between 200 and 400 percent of normal. Frequent thunderstorms this month contributed significantly to the high rainfalls in these areas.

Heavy rain fell in Nelson and Marlborough regions on the 10th. Severe flooding affected parts of Nelson City and damaged the water supply system. Some homes were without water for 4 days. There were severe losses of stock and crops (hay) and damage to fences

in North-west Nelson and a bridge over the Aorere River was washed away, leaving 3 families stranded.

Among the heavier falls recorded in 24 hours were: Uruwhenua 206 mm, Bainham 150 mm, Nelson Airport 138 mm, Mapua 127 mm, Riwaka 126 mm and Wairau Valley 126 mm.

Temperatures—Temperatures were above normal over the whole country this month. The south of the North Island and the east of the South Island were particularly mild, with mean temperatures in these areas between 2° and 3°C above normal. Temperatures for the rest of the country were between normal and 2°C above.

There were two notably warm periods this month. Apart from some western areas, mean temperatures were between 4° and 9°C above average between the 3rd and 5th, with maximum temperatures of between 30° and 35°C in some eastern areas of both Islands.

Mean temperatures were between 4° and 7°C above average in many places during the last 3 days of the month with maximum again exceeding 30°C in some eastern areas.

There were some cool days during the month. Many areas had mean temperatures 2° to 6°C lower than average between the 11th and 14th and again between the 22nd and 24th.

Sunshine—The North Island and north and east of the South Island had average or above average sunshine but the south and west of the South Island were cloudier than usual. Among those stations recording the greatest departures this month were: Christchurch (+68 hours), Wellington (+49 hours), Kaikoura (+46 hours), Timaru (+40 hours), Invercargill (-33 hours), Hokitika (-26 hours), and Dunedin (-26 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







