



PRINTED BY THE GOVERNMENT
13 JUL 1987
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SUPPLEMENT
TO THE
NEW ZEALAND GAZETTE
OF
THURSDAY, 2 JULY 1987

Published by Authority

WELLINGTON: TUESDAY, 7 JULY 1987

CLIMATOLOGICAL TABLE
FOR MAY 1987

NEW ZEALAND METEOROLOGICAL SERVICE

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

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		
Cape Reinga	191	18.4	12.7	15.6	+0.7	21.5	4	10.0	8	26	16	-73	10	18	..
Kaitaia	8	19.4	9.6	14.5	..	21.2	19	3.8	3	55	14	..	19	18	..
Kaitaia Observatory	85	18.3	10.7	14.5	..	19.8	11	5.4	3	51	13	..	20	18	132
Kerikeri M A F	79	18.8	9.4	14.1	..	21.2	15	4.0	4	45	13	..	18	18	..
Kerikeri Aero 2	150	18.0	9.6	13.8	..	19.6	1	4.5	4	55	11	..	24	18	..
Panguru	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kaikohe Dsir Edr	204	16.8	10.4	13.6	..	18.4	9	5.5	3	32	11	..	12	18	..
Waioemarama	229	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Waipoua Forest	88	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dargaville Maf	20	18.0	8.5	13.3	-0.3	20.4	19	1.0	4	56	15	-70	13	29	120
Glentworth Forest	107	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whangarei Aero	37	18.0	10.0	14.0	-0.2	20.0	19	5.1	4	35	11	-112	23	18	..
Whangarei Hospital	29	18.4	9.2	13.8	-0.2	21.0	19	3.8	3	39	12	..	19	18	130*
Marsden Power Stn	3	18.5	10.1	14.3	-0.2	21.2	4	4.7	3	35	9	-68	18	18	..
Leigh 2	27	18.0	11.6	14.8	+0.1	20.6	18	7.7	2	29	12	-76	13	18	140
Warkworth	72	17.7	8.1	12.9	-0.1	19.9	15	2.8	3	50	14	-101	14	29	..
Woodhill Forest	30	17.4	..	..	..	20.5	19	..	..	87	16	-52	21	29	..
Riverhead Forest	28	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kumeu	32	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whenuapai Aero	26	17.4	8.1	12.8	-0.2	20.1	19	1.6	3	62	15	-76	17	29	..
Henderson, River Pk	4	18.1	7.4	12.8	..	21.1	19	1.2	3	87	18	..	20	29	..
Auckland Albert Park	49	..	..	..	..	..	..	..	..	59	16	-65	15	29	127*
Auckland Owairaka	41	17.3	9.5	13.4	+0.0	20.1	19	3.9	3	70	14	-64	18	29	..
Port Fitzroy	4	18.0	..	..	..	20.1	29	..	..	54	10	-143	31	18	..
Little Barrier Is	2	18.0	12.1	15.1	..	19.5	1	8.8	3	32	12	-118	22	18	..
Rotorua Is	30	16.8	12.1	14.5	..	19.3	19	9.0	2	30	10	..	11	18	..
Awaroa Valley	30	17.6	8.5	13.1	..	20.0	19	3.2	10	59	13	..	16	18	..
Manukau Heads 2	244	15.6	10.8	13.2	..	18.6	29	8.2	6	88	18	-11	25	30	..
Coromandel	43	17.9	8.3	13.1	..	21.0	19	3.4	3	46	13	..	25	18	..
Whangapoua Forest	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thames 2	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tairua Forest	3	17.6	7.2	12.4	-0.4	19.9	20	2.0	2	28	9	-156	11	18	..
Ngatea 3	1	17.5	5.7	11.6	..	20.0	19	-2.0	3	73	11	..	18	18	..
Paeroa	4	17.2	6.7	12.0	+0.1	20.5	19	-0.5	3	79	16	-45	18	30	..
Waihi	91	16.5	6.8	11.7	-0.1	20.5	19	0.0	9	47	12	-159	16	18	118
Te Aroha	18	17.1	7.2	12.2	-0.2	20.2	19	0.0	3	87	15	-63	19	18	..
Katikati	2	17.7	7.5	12.6	..	20.4	20	1.6	4	55	9	..	23	18	..
Waitoa	18	17.3	7.2	12.3	..	20.2	19	-2.0	9	86	12	..	20	18	..
Tauranga	2	17.3	9.5	13.4	+0.3	19.9	1	4.0	3	66	9	-66	38	18	..
Tauranga Aero	4	17.1	7.9	12.5	+0.1	19.6	1	1.4	2	64	10	-66	41	18	183
Te Puke	91	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Te Puke Edr	91	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whakatane Aero	6	16.8	..	..	..	19.3	10	..	..	107	9	+0	37	31	179
Te Kaha	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Port Ohope	9	17.1	8.7	12.9	+0.1	20.4	10	4.6	3	46	12	..	11	31	168
Kinleith 2	383	14.0	6.0	10.0	+0.4	17.1	10	-0.7	3	157	9	+10	36	18	..
Tikitere	338	14.6	7.2	10.9	+0.3	19.2	10	2.4	2	81	10	..	28	18	..
Kawerau	30	17.5	6.8	12.2	+0.2	21.0	10	1.0	3	103	9	-71	35	18	..
Te Teko	8	17.1	6.4	11.8	-0.1	20.4	20	1.1	17	83	10	-71	33	18	156
Rotorua Aero 2	287	15.2	5.9	10.6	+0.2	18.8	1	-0.4	4	76	10	-61	25	18	132
Atiamuri Power Stn	253	15.3	..	..	..	19.1	1	..	..	101	10	-15	31	18	..
Kaingaroa Forest	544	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Murupara	198	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ohaaki	350	14.4	4.6	9.5	..	17.5	10	-2.7	3	97	..	..	32	18	..
Taupo Nzed	376	13.9	5.3	9.6	+0.0	16.2	1	-1.0	3	91	11	-11	27	18	..
Wairakei Power Stn	342	14.7	5.2	10.0	+0.3	18.2	10	-2.2	3	84	11	-23	28	18	..
Wairakei Research Stn	402	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Minginui Forest	366	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Taupo Aero	400	13.3	4.4	8.9	-0.4	16.1	1	-2.0	3	79	11	-4	20	18	..
Waimihia Forest	762	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Opotiki	6	16.9	6.9	11.9	-0.4	19.9	21	1.1	2	87	11	-43	31	18	155
Waimana	37	17.5	4.2	10.9	+0.1	20.0	10	-1.2	4	118	11	-52	33	18	..
Matawai Maf Edl	580	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Auckland Mangere	4	17.3	10.0	13.7	+0.3	20.0	19	3.6	3	65	17	-58	15	29	132
Auckland Aero	8	16.9	9.6	13.3	-0.1	20.4	19	4.3	3	64	16	-47	12	29	126
Ardmore	30	17.2	7.4	12.3	-0.2	20.2	19	0.3	3	73	16	-53	15	29	..
Pukekohe Maf	82	16.7	8.7	12.7	+0.0	19.8	19	2.5	3	102	19	..	24	20	107
Pukekohe Edr	82	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maioro Forest	52	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hunua	122	16.8	6.4	11.6	..	19.1	19	-0.8	3	102	..	..	23	20	..
Maramarua Forest	38	16.3	6.6	11.5	-0.2	19.2	2	-0.5	4	90	12	-31	18	18	..
Te Kauwhata Maf	32	16.8	7.1	12.0	-0.2	20.5	19	0.0	3	87	18	-32	25	18	108
Ruakura	40	16.4	6.5	11.5	+0.1	19.3	19	-0.1	3	84	13	-32	27	18	120
Whatawhata	104	16.1	7.2	11.7	-0.1	18.8	19	0.7	3	115	16	-44	39	18	96
Hamilton Aero	50	16.8	5.6	11.2	+0.3	19.3	19	-1.0	8	88	11	-23	29	18	..

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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	°C	°C	mm	mm	mm	mm	Hrs	
Cambridge	76	16.4	6.6	11.5	+0.3	19.3	19	-1.7	3	82	13	-15	24	18	
Mokau Mohakatino Stn	46	15.6	8.9	12.3	-0.3	18.2	20	4.1	2	132	..	-41	..	..
Arapuni Power Stn	123	15.7	6.3	11.0	-0.1	19.0	19	-0.8	3	117	12	-16	35	18	
Waikeria	46	16.2	5.5	10.9	+0.4	19.0	10	-2.0	3	132	12	..	48	31	
Te Kuiti Wepb	61	15.8	6.7	11.3	+0.2	19.2	10	-0.2	3	137	16	-22	31	19	
Wairere	122	15.3	6.3	10.8	..	18.6	17	-0.6	3	150	19	-31	27	20	
Pureora Forest	549	12.2	4.3	8.3	-0.1	16.5	9	-4.0	24	115	16	-63	26	18	
Mangakahu Valley	397	..	..	..	..	..	..	..	..	..	..	..	..	..
Taumarunui	171	15.2	5.7	10.5	+0.3	18.0	3	-2.7	3	136	16	-13	24	20	
Tokirima	152	15.2	5.2	10.2	..	18.1	10	-3.2	3	146	13	..	30	19	
Omata	61	16.4	10.3	13.4	+0.2	18.9	17	6.4	3	130	14	-28	33	18	
New Plymouth	55	16.2	8.7	12.5	+0.1	18.2	19	2.8	3	133	14	-27	33	18	
New Plymouth Aero	27	15.7	8.8	12.3	+0.3	18.1	19	3.5	3	131	12	-36	30	19	
North Egmont	955	11.0	4.2	7.6	..	16.7	10	1.2	2	784	14	..	172	18	
Lower Retaruke	223	14.7	5.5	10.1	+0.4	19.7	10	-3.4	3	120	14	-25	22	18	
Turangi	366	14.1	3.2	8.7	-0.6	16.5	17	-3.0	8	123	11	-51	41	18	
Mt Ruapehu Chateau 2	1097	..	..	..	..	..	..	..	..	..	..	..	..	149
Ruapehu The Chalet	1941	..	..	..	..	..	..	..	..	..	..	..	..	..
Mt Bruce Res	305	14.1	5.2	9.7	+0.8	18.5	19	-1.0	24	123	13	-124	23	20	
Waingawa	114	15.9	4.9	10.4	+0.2	19.4	9	-1.0	2	36	11	-60	11	21	
Kopua	311	14.5	5.2	9.9	+0.2	19.1	28	0.0	24	64	11	-33	25	20	
Waipukurau Aero	137	15.7	4.4	10.1	+0.0	21.1	29	-1.5	28	44	8	-21	18	22	
Dannevirke	207	14.6	5.4	10.0	-0.2	19.8	19	-0.4	24	42	12	-57	9	1	
Porangahau	8	16.3	6.6	11.5	..	19.9	28	1.7	24	65	7	..	38	22	
Castlepoint Light	3	15.8	10.6	13.2	+0.7	19.8	19	5.7	2	66	10	-35	15	21	
Ngaumu Forest	244	..	..	..	..	..	..	..	..	..	..	..	..	..
Tauherenikau	43	16.4	6.1	11.3	+0.6	20.7	9	0.8	4	47	7	-57	17	1	
Waiorongomai	21	15.3	8.5	11.9	+1.3	18.0	9	2.2	9	122	11	-46	24	1	
Martinborough	30	16.4	6.0	11.2	..	20.0	9	-0.8	8	41	9	..	19	21	
Ruatoria	61	18.6	6.8	12.7	+0.1	22.0	1	0.5	4	60	6	-133	25	22	
Mangatu Forest	182	..	..	..	..	..	..	..	..	..	..	..	..	..
Gisborne, Manutuke	90	18.2	6.3	12.3	+0.4	21.7	30	0.9	4	30	9	-60	8	18	
Gisborne Aero	4	17.8	6.5	12.2	+0.1	21.6	30	-0.5	4	60	9	-32	26	22	
Waikaremoana Onepoto	643	14.2	6.1	10.2	+0.9	18.6	30	2.3	2	77	13	-105	23	22	
Wharerata Forest	439	..	..	..	..	..	..	..	..	..	..	..	..	..
Tokomaru Bay Maf Edl	244	..	..	..	..	..	..	..	..	..	..	..	..	..
Esk Forest	427	..	..	..	..	..	..	..	..	..	..	..	..	..
Ngamatea Nzfs	885	..	..	..	..	..	..	..	..	..	..	..	..	..
Kaweka Forest	414	..	..	..	..	..	..	..	..	..	..	..	..	..
Napier Aero	2	17.0	5.8	11.4	-0.3	21.7	29	0.1	4	41	8	-30	25	22	
Napier Nelson Pk	2	17.4	6.0	11.7	-0.4	23.0	19	0.7	4	49	8	-18	32	22	
Havelock Nth Dsir 2	9	17.4	3.6	10.5	..	22.4	29	-1.2	4	43	7	..	24	22	
Havelock Nth Edr	9	..	..	..	..	..	..	..	..	..	..	..	..	149
Hastings Civic Sq.	16	17.2	4.9	11.1	..	21.6	19	0.2	4	35	6	..	19	22	
Whakatu	6	16.7	4.5	10.6	..	21.3	29	-0.4	4	50	6	..	29	22	
Gwavas Forest	335	..	..	..	..	..	..	..	..	..	..	..	..	..
Makaretu	335	..	..	..	..	..	..	..	..	..	..	..	..	..
Ongaonga Thornton	190	15.7	2.9	9.3	..	20.0	19	-3.5	4	31	7	..	11	22	
Mohaka Forest	286	..	..	..	..	..	..	..	..	..	..	..	..	..
Wairoa Frasertown	8	17.7	6.6	12.2	+0.2	21.5	29	1.0	4	92	15	-37	47	22	
Wairoa Hospital	20	17.6	7.1	12.4	+0.7	22.0	29	1.0	4	84	9	-34	51	22	
Kapiti Is	16	..	..	..	..	..	..	..	..	..	..	..	..	150
Paraparaumu Aero	7	15.0	8.8	11.9	+0.7	18.5	20	1.3	3	77	11	-32	25	28	
Bulls Flockhouse	9	15.5	6.8	11.2	+0.2	19.3	20	0.0	3	73	16	-17	13	18	
Ohakea Aero	48	15.1	8.1	11.6	+0.3	19.5	20	2.9	3	70	11	-16	17	18	
Palmerston N Kairanga	15	15.3	6.5	10.9	+0.3	19.2	20	-0.4	3	52	15	-38	12	19	
Palmerston N Aero	45	15.2	6.9	11.1	+0.5	19.3	20	0.3	3	47	11	-39	14	19	
Palmerston N Dsir	34	15.2	7.5	11.4	+0.2	20.0	20	1.3	3	54	15	-39	13	21	
Foxton	9	15.5	7.2	11.4	..	19.4	20	0.0	3	77	19	..	16	19	
Waitarere Forest	3	..	..	..	..	..	..	..	..	..	..	..	..	78
Levin Maf	46	15.0	8.2	11.6	+0.4	19.1	20	0.7	3	79	16	-36	18	18	
Lower Hutt Avalon	15	15.4	8.8	12.1	+0.9	18.1	19	2.4	3	126	12	-32	33	28	
Wellington Kelburn	125	14.3	9.9	12.1	+0.9	16.7	19	5.4	3	123	12	-13	34	28	
Somes Is	43	14.6	10.3	12.5	+1.0	18.0	19	5.0	2	97	11	-25	27	28	
Lower Hutt Gracefield	34	14.9	9.4	12.2	+0.8	18.0	19	3.6	3	120	10	-33	31	28	
Wainuiomata Coast Rd	82	14.7	8.1	11.4	+1.0	17.8	19	2.3	2	105	11	-94	20	19	
Wellington Aero	6	15.1	10.4	12.8	+1.0	18.2	19	4.5	23	83	10	-31	22	19	
Rimutaka Forest	37	15.2	8.3	11.8	..	18.1	19	2.4	9	104	10	..	24	19	
Kaitoke	223	14.1	6.0	10.1	+0.8	17.6	19	-2.4	8	120	15	-104	25	28	
Wallaceville	56	15.3	7.5	11.4	+1.3	17.5	20	0.5	8	92	14	-46	26	28	
Stratford Dem Farm	311	14.0	5.9	10.0	-0.1	16.8	9	0.6	3	194	14	-8	45	19	
Kapuni	173	..	7.2	..	..	..	..	2.3	3	67	16	..	23	20
Manaia Dem Farm	98	15.1	8.3	11.7	+0.4	17.5	28	2.1	11	70	16	-67	19	20	
Normanby Edr	122	14.7	7.6	11.2	..	16.9	17	1.6	3	65	12	..	17	20	
Normanby Maf	122	15.3	6.9	11.1	+0.7	17.2	19	1.3	3	70	18	..	17	20	

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		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	
Patea Hospital	43	15.6	..	..	..	19.0	19	..	..	81	12	-30	19	19	..
Pipiriki 2	80	15.9	7.1	11.5	..	19.7	9	1.3	3	97	15	..	21	19	..
Ohakune Junction 2	629	..	..	..	..	..	..	..	..	76	..	-80	15	20	..
Waiouru Mwd	823	11.6	2.7	7.2	+0.4	16.0	9	-2.5	3	43	12	-64	8	18	..
Waiouru Military Camp	823	11.1	1.8	6.5	-0.1	15.5	19	-3.4	4	49	16	-68	9	18	..
Ahu Ahu Valley	85	15.5	6.8	11.2	..	19.3	19	-0.3	3	71	13	..	15	19	..
Taihape Rec	433	14.2	3.4	8.8	+0.2	18.6	20	-1.8	3	39	14	-54	7	18	..
Taihape Kahui	518	13.4	4.7	9.1	+0.2	19.9	19	-1.7	3	42	..	-47	8	20	..
Wanganui Cooks Gdns	22	16.0	8.8	12.4	+0.5	20.0	20	4.2	3	64	13	-21	13	20	92
Takaka Kotinga 2	25	15.8	5.3	10.6	..	19.6	16	0.6	2	353	13	..	133	18	136
Totaranui	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Westport Aero	2	15.2	8.6	11.9	+1.0	19.1	20	3.9	2	189	14	-31	42	18	96
Westport Te Kuha Edl	680	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cobb Dam	823	12.1	2.8	7.5	+1.2	17.3	9	-1.7	3	201	11	-46	57	19	..
Arapito	20	16.2	7.6	11.9	..	18.4	9	1.8	2	203	11	..	54	4	85
Lake Rotoroa	443	..	..	..	..	..	..	..	..	167	..	..	..	..	..
Lake Rototiti	634	12.0	2.5	7.3	+1.1	17.8	9	-2.8	3	153	15	+2	38	28	..
Hokitika Aero	39	14.3	7.6	11.0	+1.1	16.4	20	0.6	2	312	19	+41	66	16	83
Punakaiki Rocks	4	15.4	10.4	12.9	..	17.4	22	5.5	2	319	15	..	54	4	..
Reefton Nzfs	198	14.2	5.9	10.1	+2.0	16.4	25	-2.4	3	178	16	-22	57	28	..
Barrytown	30	15.2	9.9	12.6	..	17.5	27	5.5	2	267	13	+39	51	31	..
Totara Flat	77	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Greymouth Aero	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Otira Substation	383	12.2	5.5	8.9	+1.4	15.2	27	-0.3	2	641	19	+161	239	28	..
Springs Junction	421	12.2	3.1	7.7	+1.5	15.1	9	-4.5	3	230	13	-36	59	28	..
Pukekura	86	14.2	6.4	10.3	..	16.9	20	-1.0	2	374	20	..	84	16	..
Harihari Nzfs	45	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Okarito	10	..	..	..	..	..	..	..	..	335	21	..	60	15	..
Franz Josef	155	13.7	6.6	10.2	..	18.2	20	2.9	2	701	20	..	137	28	60
Fox Glacier Main Rd	152	13.6	6.2	9.9	+1.0	17.6	20	1.8	2	544	19	+154	142	28	..
Milford Sound	3	13.4	4.9	9.2	+0.7	17.5	27	-1.6	4	742	19	+218	127	28	..
Deep Cove 2	3	..	..	..	..	..	..	..	..	622	..	..	..	..	..
Stephens Is	187	14.0	9.8	11.9	+0.2	15.5	19	6.4	2	89	10	+5	20	19	..
Motueka Dsir	8	16.2	4.4	10.3	+0.2	19.8	25	-0.9	2	202	10	+51	96	19	160
Tapawera	146	16.0	2.2	9.1	..	20.0	9	-3.6	2	111	10	..	51	19	..
Pelorous Sd Craill Bay	13	15.7	9.6	12.7	..	17.9	15	3.8	2	304	..	..	109	19	..
Appleby	17	15.8	6.6	11.2	+0.8	17.9	26	2.2	3	149	9	+44	78	19	..
Nelson Aero	2	15.4	5.9	10.7	+0.9	17.7	16	1.6	2	170	10	+59	77	19	156
Rai Valley	79	15.7	5.8	10.8	+1.3	17.8	9	-1.6	25	402	11	+191	113	19	..
Blenheim Research	4	16.3	6.9	11.6	..	20.2	9	0.7	2	95	7	..	60	19	159
Wairau Valley	162	15.4	4.7	10.1	..	20.4	9	-2.0	3	104	6	..	57	19	..
Blenheim Aero	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Brancott Valley	64	16.4	5.9	11.2	..	21.3	9	-0.7	3	116	7	..	70	19	..
Spray Point Waihopai	457	14.8	2.5	8.7	..	19.8	25	-3.5	3	81	8	-20	39	19	..
Duntroon	350	..	..	..	..	..	..	..	..	91	..	+6	49	19	..
Grassmere Salt Works	2	15.8	8.0	11.9	+1.2	20.4	16	2.5	3	84	6	+22	59	19	142
Boyle River Lodge	600	13.6	3.3	8.5	..	19.5	10	-3.0	3	181	..	..	57	28	..
Hanmer Forest	387	15.3	2.8	9.1	+1.8	21.2	9	-3.8	3	79	9	-36	49	21	126
Molesworth	893	12.6	-1.0	5.8	+0.9	19.9	11	-6.8	3	38	6	-31	15	28	..
Kaikoura Weather Stn	108	15.0	8.9	12.0	+1.5	21.2	28	3.8	1	46	9	-51	29	21	143
Arthurs Pass	738	10.2	3.3	6.8	..	13.6	27	-3.0	2	471	16	+88	172	28	..
Culverden Mwd	174	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Balmoral Forest	198	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Waiiau Lyndon St 2	137	16.5	3.3	9.9	..	21.8	5	-3.1	3	65	8	..	42	21	..
Cheviot	85	16.2	4.8	10.5	..	21.4	27	-1.6	15	64	8	..	42	21	138
Mt Cook The Hermitage	765	11.8	2.8	7.3	+1.7	18.0	8	-2.0	2	478	22	+129	169	28	81
Mt John	1027	10.7	3.6	7.2	+2.3	17.0	10	-1.5	1	63	..	+6	17	18	..
Craigieburn Forest	914	12.6	2.7	7.7	+2.6	19.0	9	-2.5	3	199	19	+41	60	28	..
Lake Coleridge	364	15.4	5.1	10.3	+2.9	20.6	9	-1.4	3	81	10	-3	22	28	..
Highbank Power Stn	336	14.4	6.2	10.3	+1.8	20.0	15	0.9	2	74	10	-12	25	21	147
Hororata Substation	192	15.8	4.3	10.1	+2.2	21.8	28	-0.9	23	80	10	+8	45	21	142
Winchmore Maf	160	14.7	5.4	10.1	+2.2	20.4	26	0.3	24	93	10	+24	42	21	..
Peel Forest	274	15.1	4.0	9.6	+2.4	21.0	28	-0.5	14	95	19	+35	30	18	..
Ashburton Council	101	15.4	5.0	10.2	+1.6	20.9	26	0.1	25	90	10	+21	34	21	131
Ashley Forest 1	107	15.2	6.5	10.9	+1.5	20.5	26	2.5	15	73	7	-1	54	21	145
Rangiora Nzfs	46	15.9	4.9	10.4	+1.6	21.2	27	-0.8	3	66	8	-1	49	21	..
Darfield	195	16.2	5.8	11.0	+2.6	21.1	5	0.2	23	54	10	-25	29	21	..
Eyrewell Forest	158	..	..	..	..	..	..	..	..	48	..	-32	..	..	..
Christchurch Aero	30	15.7	5.0	10.4	+1.5	20.9	26	-0.5	3	54	8	-13	34	21	161
Christchurch Gardens	7	16.1	6.1	11.1	+1.9	21.9	26	-0.2	3	55	7	-19	33	21	..
Christchurch Bromley	9	15.5	7.2	11.4	+1.7	20.4	28	0.8	3	57	10	-17	28	21	..
Mt Pleasant	137	15.5	9.4	12.5	+2.0	21.0	26	5.5	2	62	9	-24	25	21	..
Lincoln	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Quail Is. L&S	75	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Akaroa Rue Lavaud	3	16.8	6.6	11.7	+1.8	22.5	26	2.5	3	102	8	..	38	21	..

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for May 1987—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		
Lake Tekapo Nzed	683	..	..	..	..	..	..	..	..	..	..	..	..	..
Fairlie Riverview Tce	304	14.8	2.3	8.6	..	21.2	4	-4.2	3	44	10	..	13	21	
Twizel Substation	451	..	2.8	..	..	..	..	-2.3	3	55	16	..	16	18
Ikawai	70	15.0	3.2	9.1	+1.3	20.5	4	-2.5	3	143	6	+102	61	18	
Geraldine Nzfs	119	15.4	5.0	10.2	+2.1	21.8	4	-0.2	24	124	8	+59	39	19	
Orari Estate	81	14.4	4.4	9.4	+1.7	21.6	30	-0.7	3	160	9	+99	55	18	
Temuka	24	15.0	4.7	9.9	+1.8	22.1	4	-0.5	13	143	8	+95	54	21	
Timaru Aero	26	14.5	4.4	9.5	+1.7	22.3	4	-0.5	13	134	8	+87	48	21	
Timaru 2	17	..	..	..	..	..	..	..	..	..	..	..	..	..
Waimate	61	14.7	5.9	10.3	+1.1	20.2	4	0.4	3	180	7	+125	81	18	
Benmore Power Stn	253	14.4	5.5	10.0	..	19.5	16	1.5	3	33	11	-3	14	18	
Aviemore 2	241	14.6	5.2	9.9	..	19.2	8	-2.0	3	52	10	+15	20	18	
Kurow	207	15.1	5.3	10.2	..	20.8	16	-1.2	3	52	9	..	26	18	
Knobs Flat	375	..	..	..	..	..	..	..	..	..	..	..	..	..
Tara Hills Edr	488	13.1	1.8	7.5	..	18.7	8	-5.8	3	37	16	..	14	18	
Lake Hawea	350	..	..	..	..	..	..	..	..	..	..	..	..	..
Wanaka	296	13.9	3.3	8.6	+1.7	19.0	4	-2.3	3	92	16	+25	29	25	
Queensbury Mwd	277	13.6	4.2	8.9	..	19.2	4	-2.3	3	73	14	..	37	25	
Bendigo 2	200	14.5	3.4	9.0	..	19.6	4	-4.0	3	43	14	..	14	25	
Naseby Forest 2	607	..	..	..	..	..	..	..	..	..	..	..	..	..
Oamaru Spey St	5	..	6.0	..	..	..	..	1.6	14	106	9	..	53	18
Ranfurlly Maniototo	427	..	..	..	..	..	..	..	..	..	..	..	..	..
Herbert Forest	61	14.8	..	..	..	22.5	14	..	..	209	9	+159	90	17
Palmerston	21	15.0	3.2	9.1	+1.5	22.5	4	-2.9	15	178	9	+122	74	18	
Cherry Farm Hospital	6	..	..	..	..	..	..	..	..	..	..	..	..	..
Taiaroa Head	72	13.8	7.1	10.5	+1.3	19.4	4	2.5	1	111	14	+41	40	18	
Invermay Edr	30	14.3	4.2	9.3	..	20.7	4	-1.4	24	122	16	..	55	20	
Berwick Forest	18	..	..	..	..	..	..	..	..	..	..	..	..	..
Dunedin Aero	1	14.6	3.3	9.0	+1.5	21.6	15	-3.4	24	85	13	+26	35	20	
Dunedin Musselburgh	2	14.3	7.3	10.8	+1.7	21.0	28	2.8	24	136	12	+56	39	18	
Te Anau Po	215	12.9	4.0	8.5	+1.6	18.5	27	-1.4	1	90	..	-11	20	28	
Manapouri West Arm 2	232	11.1	5.3	8.2	+1.7	15.4	27	0.7	23	341	21	-44	57	30	
Borland Burn	183	..	..	..	..	..	..	..	..	..	..	..	..	..
Queenstown	329	12.8	4.2	8.5	+1.4	18.4	4	0.4	3	82	15	-4	32	25	
Queenstown Aero	349	12.6	2.6	7.6	+1.5	17.8	27	-2.5	3	70	13	+0	25	25	
Gibbston Nevis Bluff	366	13.7	3.7	8.7	..	19.0	4	-2.8	3	73	10	..	23	25	
Burwood Bush	490	11.5	3.3	7.4	..	16.0	27	-4.0	14	106	16	..	24	30	
Cromwell Sub Stn	213	14.3	3.0	8.7	..	20.6	4	-4.8	3	51	10	+20	14	18	
Northburn	210	14.6	3.5	9.1	..	20.4	4	-3.1	3	50	13	..	14	18	
Cromwell 2	213	14.0	2.7	8.4	..	19.9	4	-4.7	3	57	15	..	16	25	
Lauder Edr	370	12.8	2.6	7.7	..	..	..	..	..	..	..	..	..	115
Clyde Dam	160	14.3	3.2	8.8	..	20.3	4	-2.5	3	66	17	..	25	25	
Clyde Dsr	171	14.5	2.4	8.5	..	20.5	4	-5.2	3	54	13	..	21	18	
Alexandra B Council	141	14.9	3.0	9.0	..	21.8	4	-3.8	14	42	11	..	22	18	
Roxburgh Power Stn	110	13.9	4.2	9.1	+1.4	21.0	4	-1.0	15	41	12	-2	19	18	
Ettrick No 1	83	14.3	2.8	8.6	..	20.5	4	-3.5	3	53	12	..	17	18	
Ettrick No 2	91	..	..	..	..	..	..	..	..	..	..	..	..	..
Beaumont Nzfs	46	..	..	..	..	..	..	..	..	..	..	..	..	..
Mahinerangi Dam	396	11.9	3.6	7.8	+1.7	17.0	28	-1.0	15	97	16	-7	35	20	
Tapanui	226	..	..	..	..	..	..	..	..	..	..	..	..	..
Taiari Mouth	15	..	..	..	..	..	..	..	..	..	..	..	..	..
Winton B Council	44	13.4	4.0	8.7	+1.1	18.8	27	-1.1	23	52	16	-39	9	20	
Gore Edr	123	..	..	..	..	..	..	..	..	..	..	..	..	81
Invercargill Aero	0	13.2	4.6	8.9	+1.4	19.5	28	-1.3	3	45	16	-62	13	6	
Tiwai Point	5	12.9	6.5	9.7	+1.2	18.5	28	1.6	3	49	14	-55	8	6	
Stewart Is	3	12.7	5.7	9.2	+1.1	18.5	27	0.1	24	112	27	-4	17	7	
Clinton School	120	12.5	4.1	8.3	..	18.7	28	-2.4	24	76	21	..	14	30	
Balclutha Finegand	6	13.7	4.7	9.2	+1.4	19.2	3	-1.0	24	48	..	-16	21	20	
Owaka	5	..	..	..	..	..	..	..	..	..	..	..	..	88
Nugget Point	129	12.2	5.9	9.1	+1.0	16.8	4	2.0	24	80	15	-9	23	20	
Tautuku	40	13.6	5.6	9.6	+1.5	19.2	15	1.6	22	79	..	-48	20	20	
Fiji Nadi Airport	15	30.1	19.1	24.6	-0.4	32.4	5	14.2	27	1	2	-78	0	204	
Cook Is Rarotonga Air	7	..	..	..	..	..	..	..	..	..	..	..	..	..
Cook Is Raro, Totokoit	9	..	..	..	..	..	..	..	..	..	..	..	..	..
Raoul Is	38	21.2	16.6	18.9	+0.1	23.8	21	14.3	17	45	16	-97	7	15	
Campbell Is	15	9.1	4.1	6.6	+0.7	12.9	26	-2.8	6	157	27	+23	41	28	
Chatham Is Waitangi	44	13.0	8.7	10.9	+0.6	15.4	5	3.3	3	29	20	-85	5	31	
Chatham Is Kaiangaroo	41	13.4	9.2	11.3	..	15.5	5	4.4	2	29	20	..	6	31	
Antarctica Scott Base	16	-19.3	-30.7	-25.0	+2.2	-7.0	15	-50.2	5	..	..	..	..	..

LATE RETURNS AND CORRECTIONS														
Kaikohe Dsr Edr 01/1987	204	22.7	14.8	18.8	..	26.3	17	9.4	1	75	12	..	20	7
Kaikohe Dsr Edr 02/1987	204	22.8	13.1	18.0	..	27.5	1	10.6	9	24	10	..	13	17
Kaikohe Dsr Edr 03/1987	204	20.3	12.4	16.4	..	..	..	..	..	..	..	..	..	..
Kaikohe Dsr Edr 04/1987	204	18.3	12.4	15.4	..	21.2	8	8.4	6	109	14	..	47	20
Waiotemarama 04/1987	229	17.9	12.6	15.3	-0.4	20.8	13	9.4	24	112	22	..	31	20
Riverhead Forest 03/1987	28	21.7	11.7	16.7	-0.8	26.0	9	5.5	29	132	12	+31	46	20

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for May 1987—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				
Kumeu 04/1987	32	20.6	10.7	15.7	+0.6	26.4	15	3.0	25	87	17	..	32	21	..
Te Puke 04/1987	91	20.0	9.5	14.8	-0.1	23.6	13	0.8	25	78	9	-67	32	21	188
Te Puke Edr 03/1987	91	20.8	9.7	15.3	..	..	..	3.2	27	..	..	..	..	..	..
Kaingaroa Forest 04/1987	544	16.4	6.3	11.4	-0.3	21.6	14	-2.0	26	100	9	-25	33	21	..
Wairakei Research Stn 04/1987	402	18.3	6.2	12.3	+0.1	23.8	14	-1.3	25	119	12	+33	49	21	..
Pukekohe Edr 12/1986	82	21.7	12.6	17.2	..	24.4	29	8.5	31	81	9	..	27	21	..
Pukekohe Edr 03/1987	82	20.9	12.1	16.5	..	24.1	9	7.5	27	209	14	..	40	11	..
Pukekohe Edr 04/1987	82	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maioro Forest 03/1987	52	20.9	14.5	17.7	-0.3	24.8	9	8.9	18	136	15	+45	46	11	..
Te Kauwhata Maf 04/1987	32	19.7	10.1	14.9	-0.3	23.5	14	2.9	25	50	..	-49	15	21	150
Turangi 03/1987	366	19.1	8.4	13.8	-1.8	21.8	8	1.0	27	264	17	+150	48	21	169
Turangi 04/1987	366	17.2	5.6	11.4	-1.2	21.0	13	-1.0	25	141	11	+30	55	10	167
Esk Forest 03/1987	427	18.0	9.4	13.7	-1.5	23.4	2	2.3	27	328	18	+172	154	21	..
Esk Forest 04/1987	427	..	..	..	..	..	..	..	..	174	13	+19	68	10	..
Havelock Nth Edr 03/1987	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hastings Civic Sq. 02/1987	16	24.2	11.3	17.8	..	31.2	2	7.1	19	33	8	..	15	15	..
Hastings Civic Sq. 03/1987	16	21.1	10.7	15.9	..	25.5	24	2.7	27	211	15	..	96	21	..
Hastings Civic Sq. 04/1987	16	19.4	9.4	14.4	..	23.9	21	0.9	25	68	11	..	25	10	..
Gwavas Forest 03/1987	335	19.0	7.7	13.4	-1.1	23.5	14	0.9	28	357	19	+234	176	21	..
Ongaonga Thornton 03/1987	190	19.8	7.8	13.8	..	24.1	9	-0.4	27	250	..	..	..	..	..
Ongaonga Thornton 04/1987	190	18.1	7.8	13.0	..	22.8	21	-1.4	25	84	..	..	49	10	..
Normanby Edr 03/1987	122	18.2	9.5	13.9	..	21.0	23	4.2	17	113	13	..	33	31	..
Normanby Edr 04/1987	122	16.6	8.3	12.5	..	20.5	21	1.1	18	80	13	..	19	21	..
Patea Hospital 11/1986	43	17.8	10.5	14.2	-0.1	20.0	23	3.5	21	41	7	-40	11	30	..
Ahu Ahu Valley 04/1987	85	18.8	8.2	13.5	..	25.8	14	0.9	25	129	16	..	57	10	..
Taihape Kahui 04/1987	518	16.5	7.0	11.8	-0.3	23.3	21	-0.2	25	65	..	-15	..	..	..
Greymouth Aero 04/1987	4	16.0	8.0	12.0	-1.2	17.6	17	3.2	24	191	20	-43	72	30	113
Deep Cove 2 04/1987	3	..	..	..	..	..	..	..	..	429	..	..	146	14	..
Appleby 04/1987	17	18.1	8.0	13.1	-0.4	21.9	21	3.1	11	104	7	+13	61	20	..
Rai Valley 04/1987	79	18.3	6.5	12.4	-0.3	21.4	27	1.4	25	155	4	-25	87	20	..
Wairau Valley 04/1987	162	18.2	5.9	12.1	..	24.5	14	-0.5	24	121	7	..	67	20	..
Brancott Valley 04/1987	64	19.0	6.8	12.9	..	23.9	14	0.5	24	80	8	..	38	20	..
Hanmer Forest 04/1987	387	18.5	3.3	10.9	-0.1	25.4	14	-4.2	11	84	10	-27	35	30	140
Culverden Mwd 04/1987	174	18.7	5.1	11.9	..	27.0	14	-1.2	11	61	..	..	25	30	..
Ashley Forest 1 04/1987	107	18.4	7.0	12.7	+0.3	25.6	21	0.3	11	15	..	-61	5	30	..
Orari Estate 04/1987	81	17.9	5.6	11.8	+0.6	25.6	28	-0.4	11	28	7	-50	19	30	..
Timaru 2 04/1987	17	17.4	7.4	12.4	..	26.0	15	1.0	11	42	8	..	14	30	174
Kurow 03/1987	207	18.2	8.5	13.4	..	26.5	8	3.9	26	155	13	..	67	10	..
Kurow 04/1987	207	17.6	6.3	12.0	..	23.7	8	0.1	11	16	7	..	11	30	..
Tara Hills Edr 03/1987	488	17.3	6.5	11.9	..	..	..	..	..	..	..	..	..	..	..
Invermay Edr 03/1987	30	17.3	8.1	12.7	..	..	..	..	..	..	..	..	..	..	..
Invermay Edr 04/1987	30	16.4	5.1	10.8	..	24.9	21	-1.2	11	29	14	..	11	21	..
Lauder Edr 03/1987	370	18.0	6.6	12.3	..	23.8	8	-0.5	26	121	12	..	41	9	..
Lauder Edr 04/1987	370	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gore Edr 03/1987	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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 rainy 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.

THE WEATHER IN NEW ZEALAND IN MAY 1987

General—May was warmer than usual over the whole country with rainfall below average in the North Island and above average in the South Island. Mean sea level pressures were considerably above average ranging from 8 hPa above in the north and west to 5 hPa above in the south and east of the country. Winds were lighter than usual in the north but with a strong westerly predominance. Speeds were high in the far south with the highest frequency of strong winds at Invercargill since 1973.

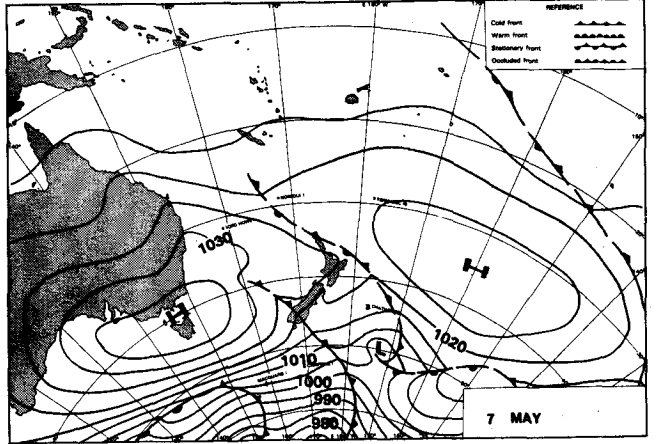
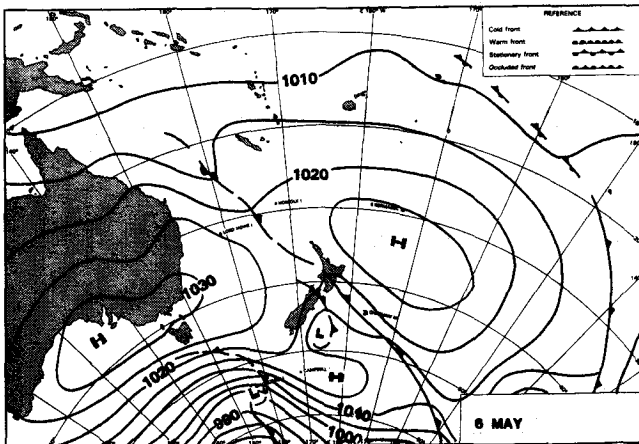
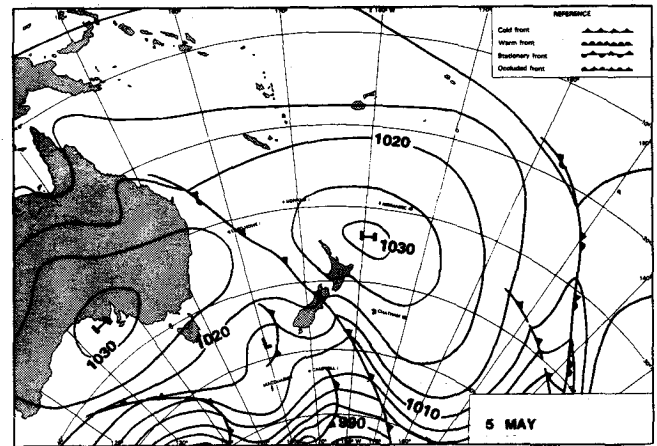
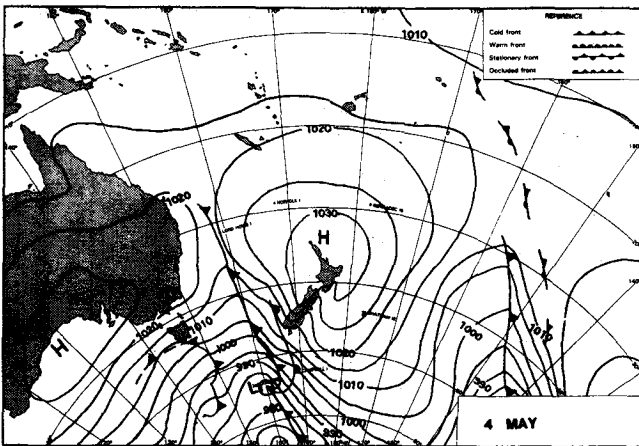
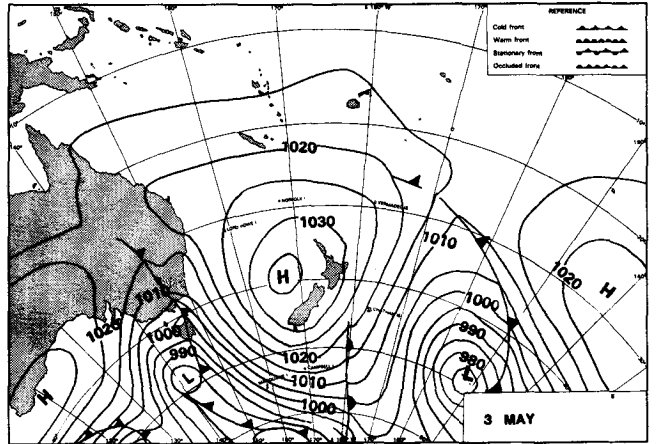
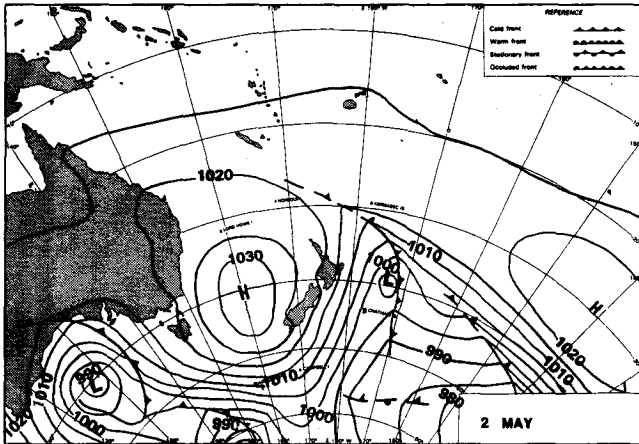
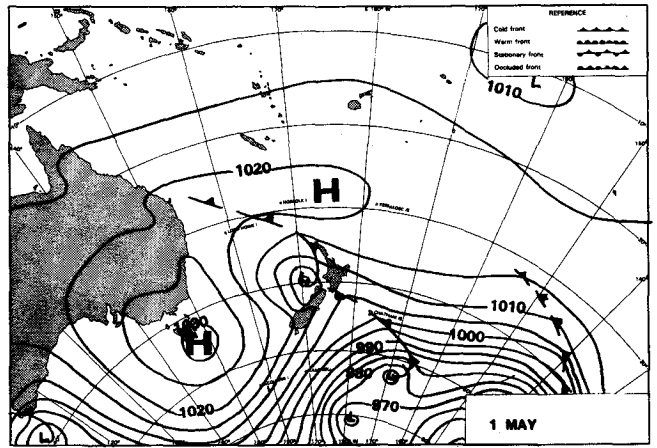
Rainfall—Northland had the lowest May rainfall for more than 10 years. Heavy rain on the 19th caused surface flooding and minor slips in Nelson. In South Canterbury and North Otago rainfall totals were more than twice the normal for the month. Block culverts and stormwater in sewers caused problems in Timaru city with persistent rain from 16th to 21st.

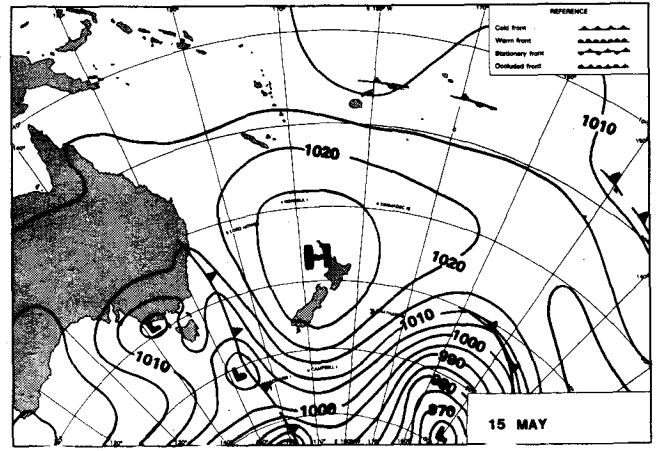
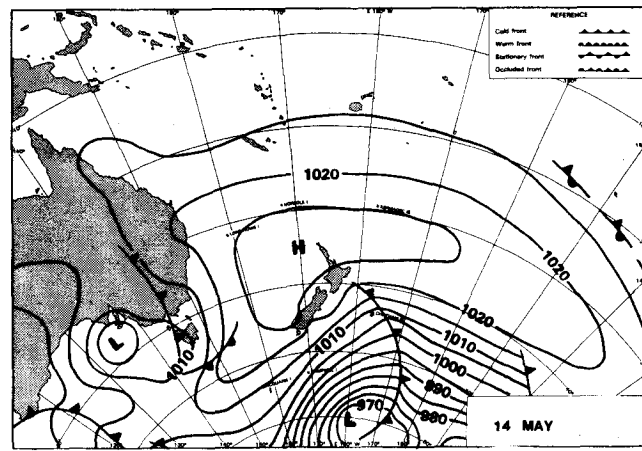
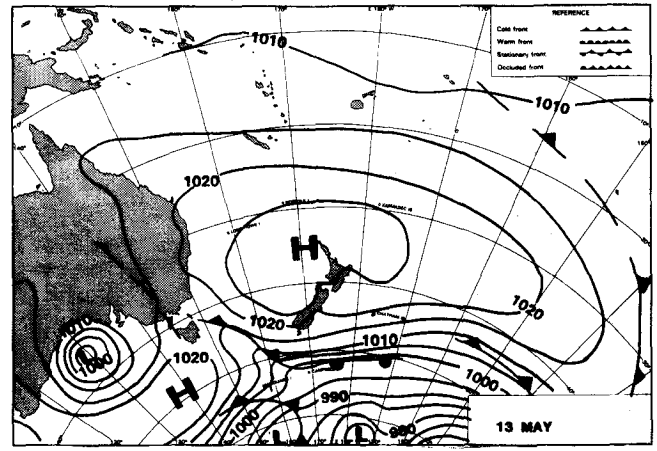
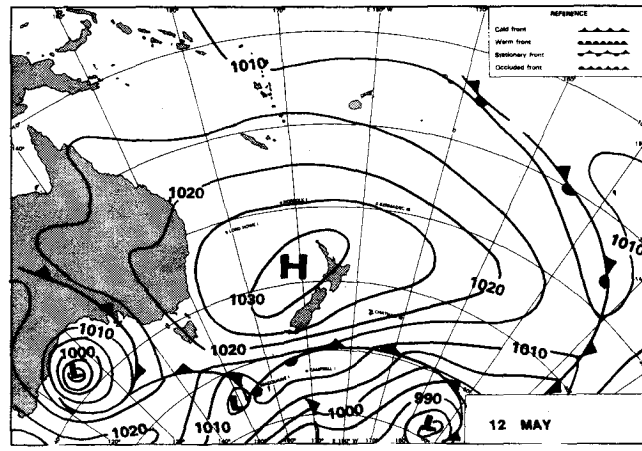
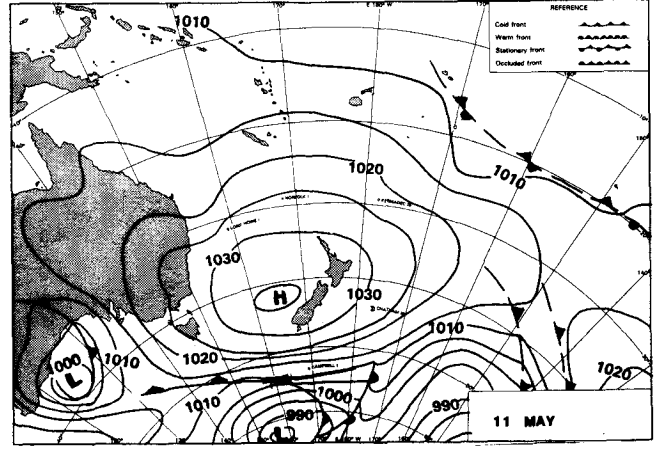
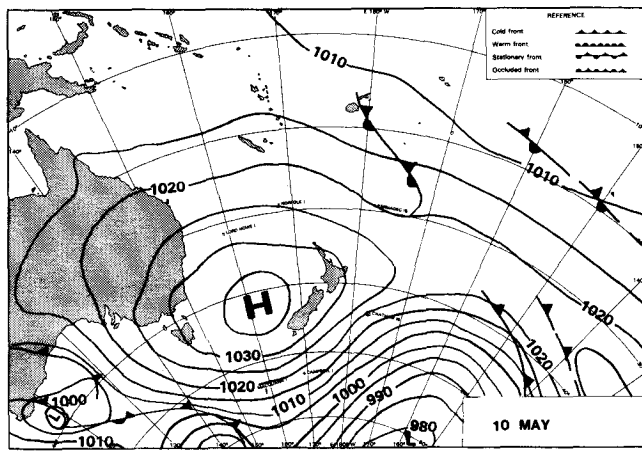
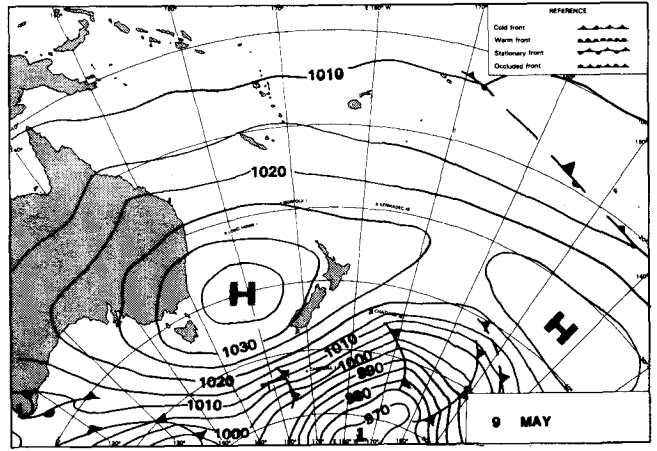
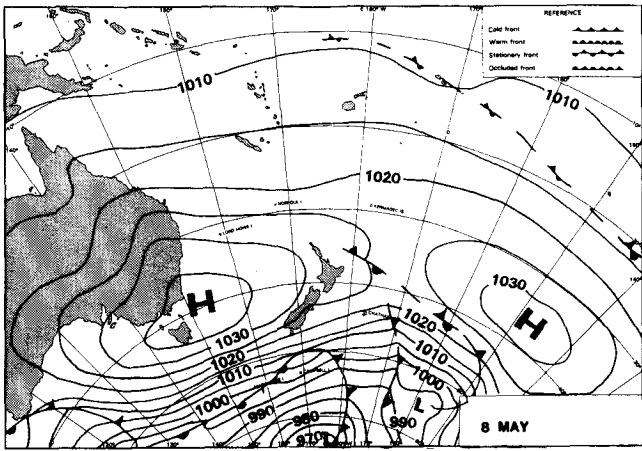
Temperature—Lower than usual minima resulted in below average mean temperatures from Coromandel north. Over the remainder of the country temperatures ranged up to 3°C above normal. Inland South Island from north Canterbury to Southland had mean temperatures more than 1.5°C above normal.

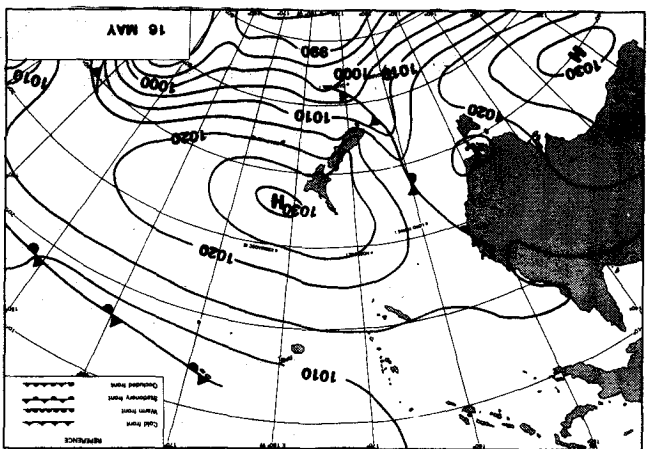
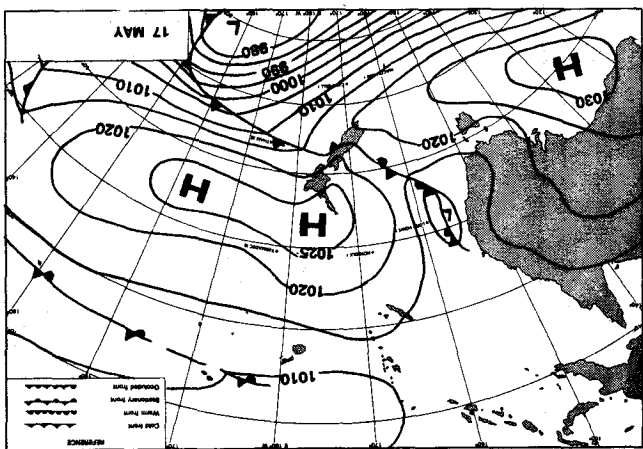
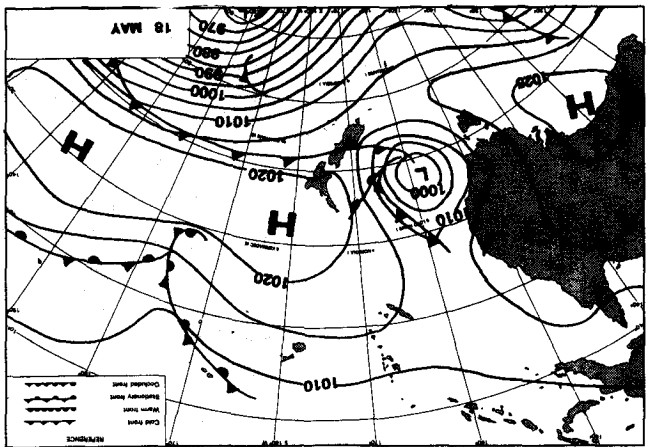
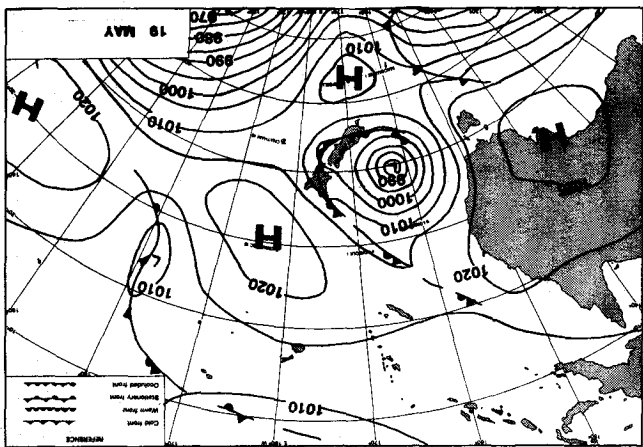
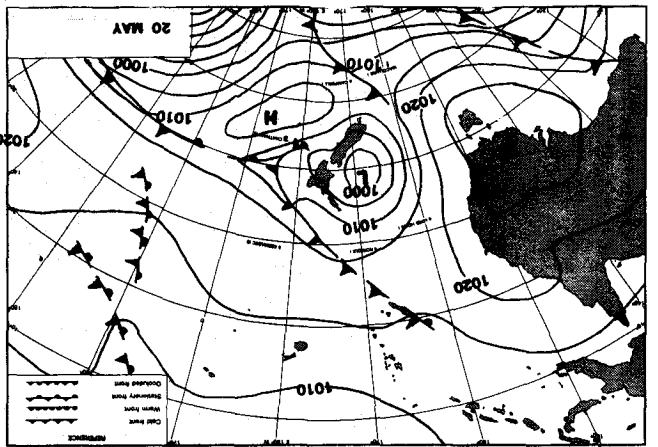
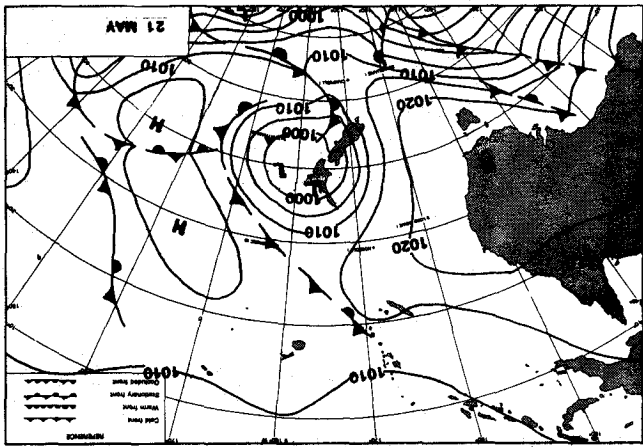
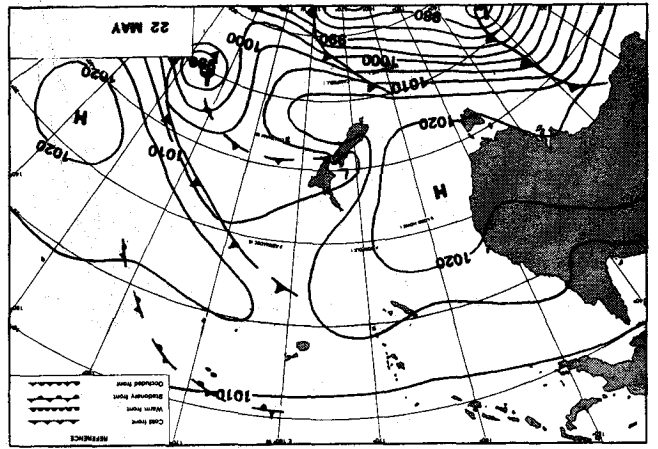
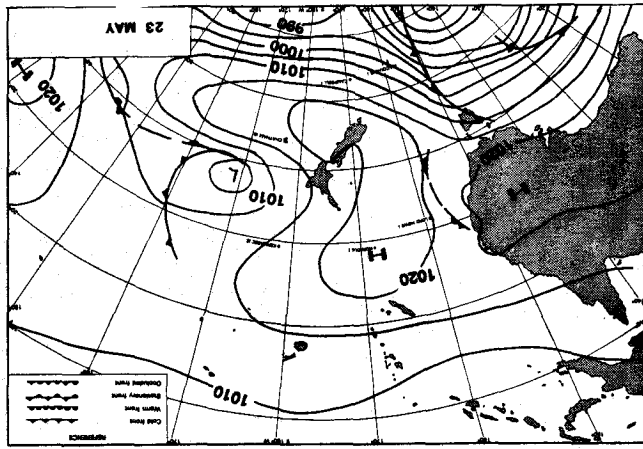
Sunshine—Eastern coastal stations from Bay of Plenty to Wairarapa and in Canterbury had more sunshine than usual. Elsewhere cloud conditions gave reduced sunshine to as low as two thirds normal in Manawatu and south Westland. Paraparaumu and Levin had lowest sunshine on record in May since observations began in 1953 and 1955 respectively.

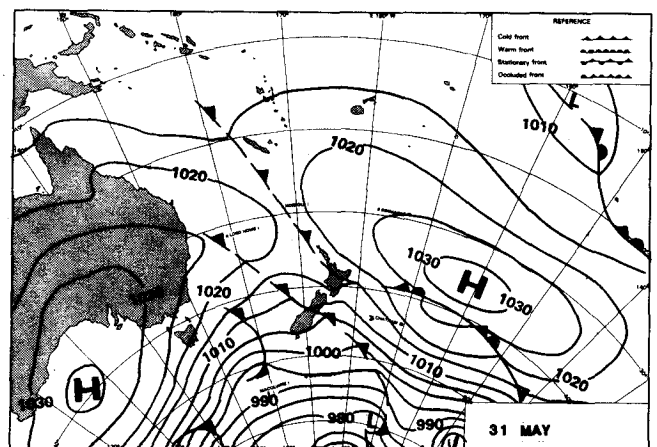
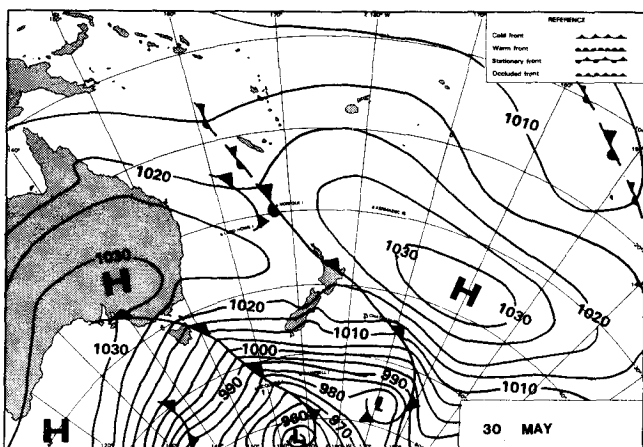
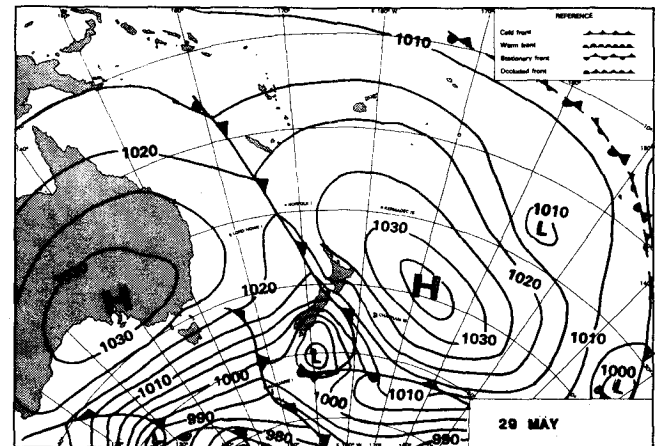
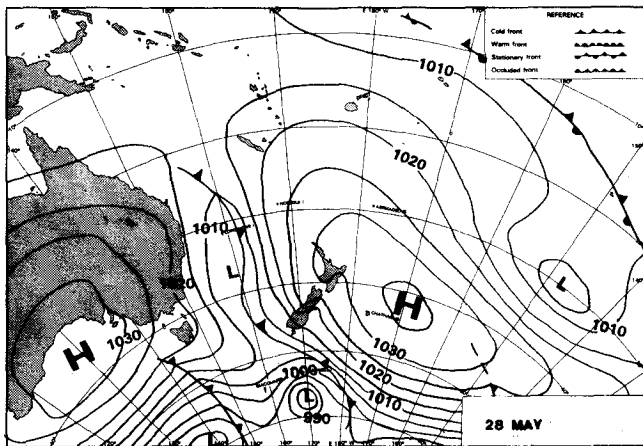
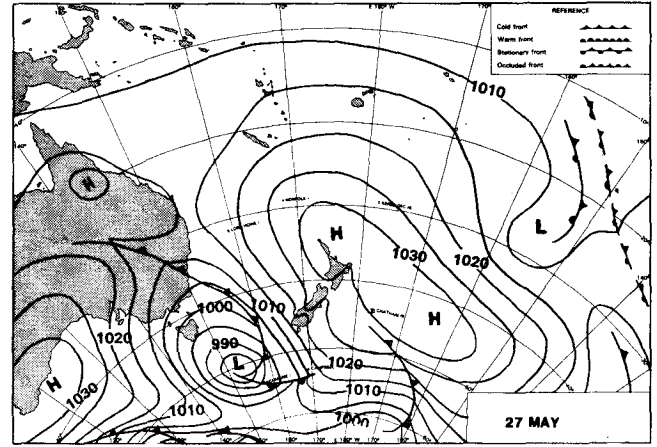
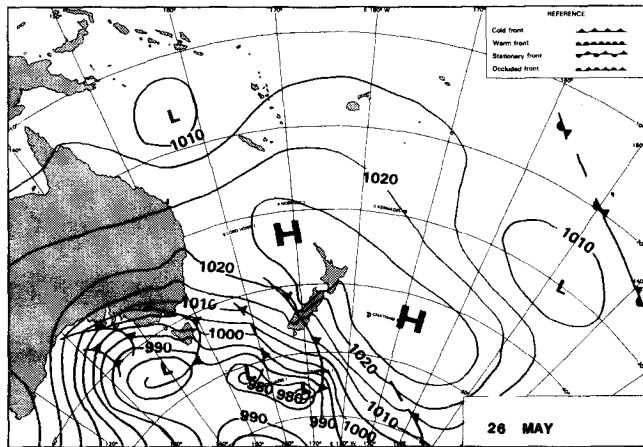
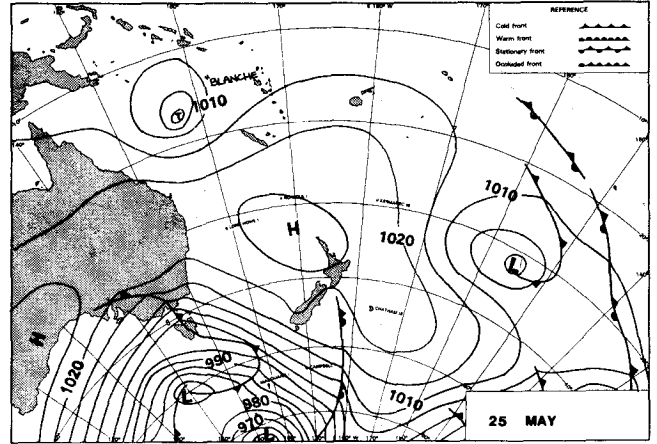
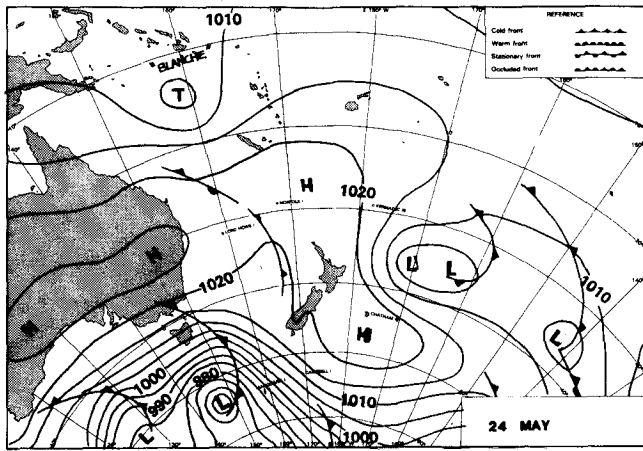
J. S. HICKMAN, Director.

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