



SUPPLEMENT

TO THE

NEW ZEALAND GAZETTE

OF

THURSDAY, 9 OCTOBER 1986

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CLIMATOLOGICAL TABLE  
FOR JULY 1986





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

Table with columns: Station, Height of Station Above M.S.L., Air Temperature in Degrees Celsius (Means of A and B, Difference From Normal, Absolute Maximum and Minimum), Rainfall in Millimetres (Total Fall, No. of Rain Days, Difference From Normal, Maximum Fall), and Bright Sun-shine. Rows list various stations such as Stratford Mtn House, Kapuni, and Waipara.



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

Station	Height of Station Above M.S.L.	Air Temperature in Degrees Celsius								Rainfall in Millimetres					Bright Sunshine
		Means of		Mean of A and B	Difference From Normal	Absolute Maximum and Minimum				Total Fall	No. of Rain Days	Difference From Normal	Maximum Fall		
		A Max.	B Min.			Maximum	Date	Minimum	Date				Amount	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Nugget Point	129	..	..	..	+0.3	15.5	16	-3.3	4	126	21	+43	26	28	..
Tautuku	40	9.6	2.5	6.1	+0.3	15.5	16	-3.3	4	126	21	+43	26	28	..
Nadi Airport Fiji	15	26.9	15.5	21.2	-2.3	30.5	12	12.5	5	0	0	-51	0	..	237
Rarotonga Airport	7	25.2	19.7	22.5	+0.7	28.0	12	15.6	6	124	17	+40	27	23	156
Totokoitu, Rarotonga	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Raoul Is	38	18.3	12.8	15.6	-0.7	21.1	11	8.8	25	195	23	+18	43	23	138
Campbell Is	15	6.6	1.9	4.3	-0.4	11.3	18	-3.8	31	126	30	+19	17	31	15
Waitangi, Chatham Is	44	11.0	6.1	8.6	+0.8	14.1	9	1.5	7	104	22	+18	20	1	85
Kaingaroo, Chatham Is	41	11.4	6.8	9.1	..	14.6	11	3.5	23	75	26	..	14	24	..
Scott Base Antarctica	16	-22.0	-36.0	0	+0.3	-9.6	30	-44.1	1	..	..	..	..	..	..
LATE RETURNS AND CORRECTIONS															
Pouo 06/1986	97	15.2	9.2	12.2	..	17.9	10	4.5	18	73	..	..	..	..	..
Kumeu 06/1986	32	15.6	5.3	10.5	-0.1	18.5	10	-4.4	18	103	20	..	16	25	..
Little Barrier Is 06/1986	2	16.0	9.8	12.9	..	18.1	10	5.1	18	70	20	-115	30	20	..
Te Puke 06/1986	91	14.4	3.7	9.1	-0.7	17.9	11	-1.2	17	115	13	-64	67	9	124
Wairakei Research Stn 06/1986	402	11.6	1.2	6.4	-0.4	15.1	11	-6.0	19	47	15	-66	11	28	..
Matawai Maf Edl 04/1986	580	18.3	4.4	11.4	..	21.1	18	-2.2	17	64	12	..	23	28	..
Matawai Maf Edl 05/1986	580	13.7	1.8	7.8	..	17.8	6	-3.6	28	139	15	..	44	20	..
Matawai Maf Edl 06/1986	580	11.8	0.6	6.2	..	17.1	12	-5.8	19	158	11	..	58	10	..
Pukekohe Maf 06/1986	82	14.7	6.6	10.7	+0.3	17.3	24	-0.3	17	88	25	..	21	25	99
Arapuni Power Stn 06/1986	123	13.3	4.3	8.8	+0.1	17.0	9	-3.5	17	71	18	-78	13	28	..
Wharerata Forest 05/1986	439	..	6.8	..	..	..	..	1.0	29	196	..	..	64	27	..
Wharerata Forest 06/1986	439	..	..	..	..	..	..	..	..	203	..	..	..	..	..
Tokomaru Bay Maf Edl 05/1986	244	16.6	8.2	12.4	..	21.3	11	3.6	29	114	14	..	39	20	..
Tokomaru Bay Maf Edl 06/1986	244	14.7	6.6	10.7	..	19.2	10	1.7	16	116	8	..	44	21	..
Hastings Civic Sq. 06/1986	16	15.2	2.2	8.7	..	19.7	6	-2.2	20	9	7	..	3	21	..
Kapiti Is 09/1985	16	15.8	8.9	12.4	+1.3	19.7	26	5.4	12	54	8	-36	16	3	..
Totaranui 06/1986	10	13.3	4.7	9.0	..	17.0	1	-0.2	16	223	16	+128	80	20	..
Deep Cove 2 06/1986	3	8.6	2.5	5.6	..	13.2	2	-1.1	18	700	..	..	..	..	..
Tapawera 06/1986	146	11.5	0.1	5.8	..	17.0	7	-6.0	18	120	15	..	32	21	..
Mt Cook The Hermitage 06/1986	765	7.2	-0.8	3.2	+0.3	14.4	6	-6.8	16	502	21	+261	55	21	47
Craigieburn Forest 06/1986	914	7.1	-1.9	2.6	+0.1	12.4	6	-8.0	16	195	22	+94	33	12	..
Ashley Forest 06/1986	107	12.2	3.6	7.9	+1.0	18.5	5	-1.0	24	61	..	+6	..	..	..
Cherry Farm Hospital 03/1986	6	17.7	9.9	13.8	+0.5	25.0	9	3.8	18	135	19	+71	54	13	..
Cherry Farm Hospital 04/1986	6	19.0	6.4	12.7	+1.6	26.4	26	1.6	29	16	10	-38	5	9	..
Cherry Farm Hospital 05/1986	6	13.4	3.0	8.2	+0.0	20.5	3	-2.0	23	77	14	+22	52	17	..
Cherry Farm Hospital 06/1986	6	11.5	1.0	6.3	+0.2	18.6	6	-3.3	19	47	18	-3	19	30	..
Otautau 06/1986	55	9.4	1.2	5.3	-0.1	14.6	6	-3.7	27	135	19	+20	28	12	30
Tautuku 06/1986	40	10.7	2.6	6.7	+0.1	16.6	10	-3.2	27	138	..	-4	28	29	..
Kaingaroo, Chatham Is 06/1986	41	12.4	8.1	10.3	..	15.2	8	3.9	18	116	26	..	33	29	..

The "normal" refers to the present site of the instruments. Standard period for normals is 1951-1980. No normals are available for stations with only short records.

\*Indicates that the sunshine recorder is not located at the station but is in the near vicinity.

A rainday is a day with rainfall equal to or greater than 0.1 mm.

Where the extremes of temperature and rainfall have occurred more than once during the month, the date of the first occurrence is given.

## THE WEATHER IN NEW ZEALAND IN JULY 1986

*General*—July was sunnier and slightly colder than normal throughout most of New Zealand.

South-westerlies prevailed over the whole of the country, and had their highest frequency for July at Invercargill Airport since 1976. Strong winds were much more frequent than usual for July, and their frequency at Invercargill Airport was the second highest on record (being over twice their normal frequency). Records began there in 1956.

Mean sea level pressures were well below average over the whole of New Zealand, and were 4 to 5 hPa below normal in most places. Very low mean sea level pressures were recorded throughout the country on the 11th. 970.9 hPa was recorded at New Plymouth Airport, which is the lowest recorded there for any month since records began in 1944.

Most farmers reported minimal pasture growth this month. Lambing has just started in some areas and most stock are in good condition, but some stock in Hawkes Bay were only just holding their condition.

On the 2nd of July the Police launch 'Lady Elizabeth' capsized just before noon in heavy seas during gale force southerly conditions near Barrett's Reef, just at the entrance to Wellington Harbour. Some waves were reported to be 10 metres high. Of the four crew, two were rescued by helicopter, one was missing, and one drowned.

About 1500 passengers were stranded at both Wellington and New Plymouth Airports as winds gusted to 110 kmph, causing Friendships and small aircraft to be grounded.

In Taranaki a large gum tree fell, due to strong winds, and killed fifteen dairy cows.

*Snow*—Snow fell to low levels in the South Island, and on the high country of the North Island on the 2nd, and again on the 6th in inland South Canterbury causing the closure of many roads.

*Rainfall*—Surface flooding occurred in Christchurch City after almost 30 hours of continuous rain on the 7th and 8th.

On the 25th and 26th heavy rain and gale force winds caused extensive damage in Ohura township (20 km west of Taumarunui). Some power lines were down, telephone lines cut, and roads closed due to land slips.

A state of emergency was declared after the Ohura river burst its banks and severe flooding resulted in the main street.

Over the North Island July's rainfall was above average in western regions from Manawatu to Auckland. Total monthly rainfall was just below 75 percent of average in Hawkes Bay. This was the eighth consecutive drier than normal month at Napier Airport. This is the driest year to date there since 1952, and total rainfall has been only 50 percent of normal.

Over the South Island total monthly rainfall for July was above average in all regions apart from Buller, Westland, Marlborough and Nelson. In parts of Canterbury and North Otago rainfall was over 200 percent of the normal for July. It was rather dry in Nelson where total monthly rainfall was 50 percent of normal.

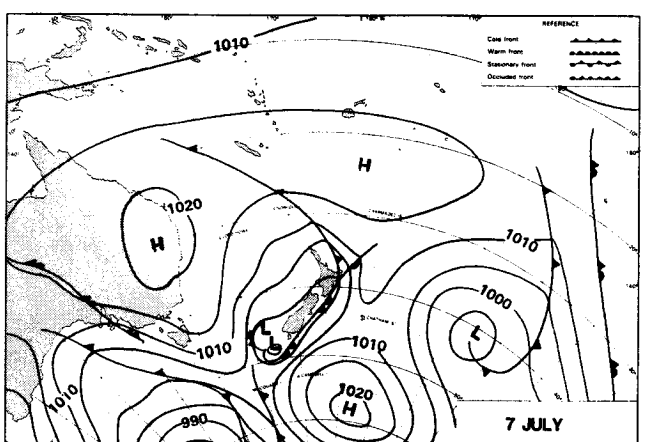
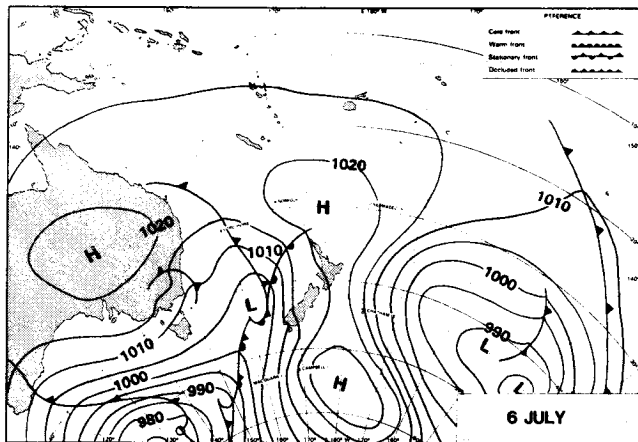
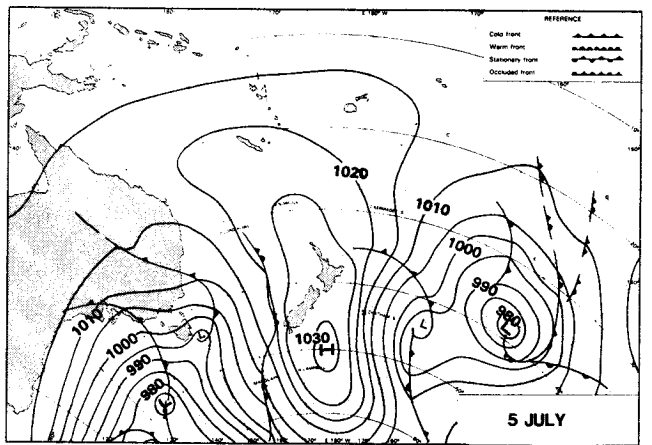
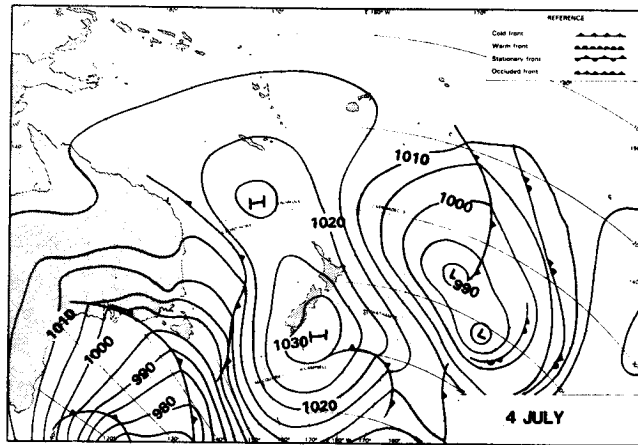
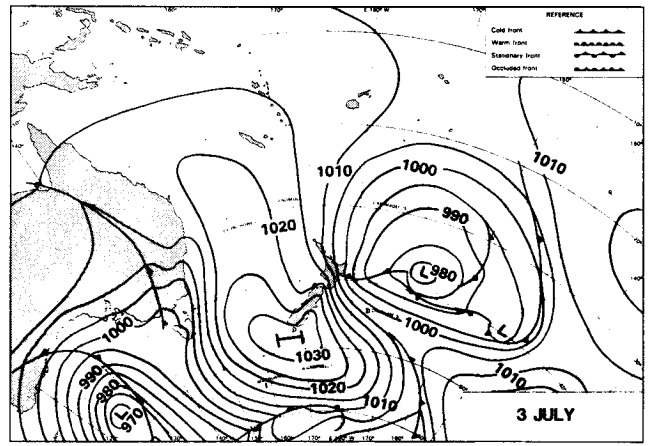
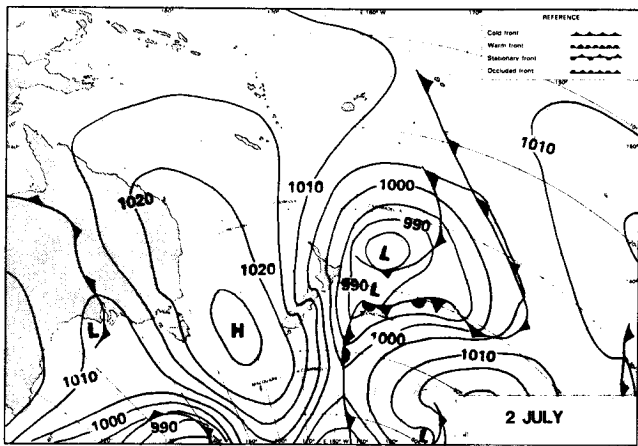
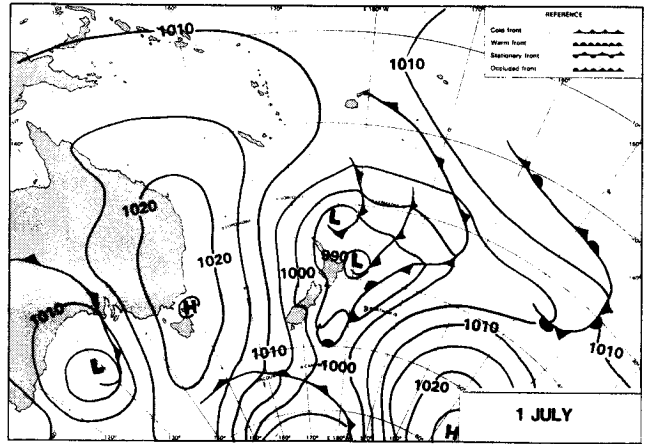
*Temperatures*—Mean daily temperatures were about 0.5°C above average over the South Island in most regions to the south of Christchurch. Over the remainder of the country mean daily temperatures were about 0.5°C below average.

*Sunshine*—July was again another sunny month in most east coast regions from Hawkes Bay to Canterbury where total hours of bright sunshine ranged between 115 to 130 percent of normal. It was also sunnier than usual for July in Northland, Auckland, Bay of Plenty, Taranaki and Wellington.

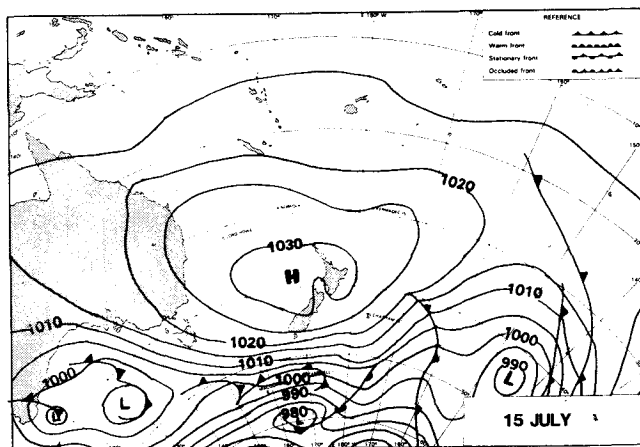
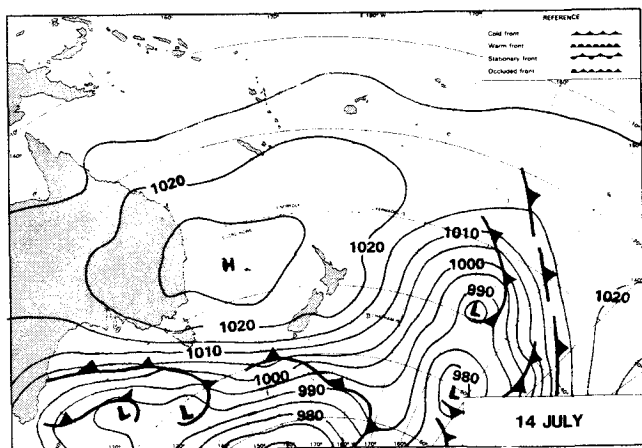
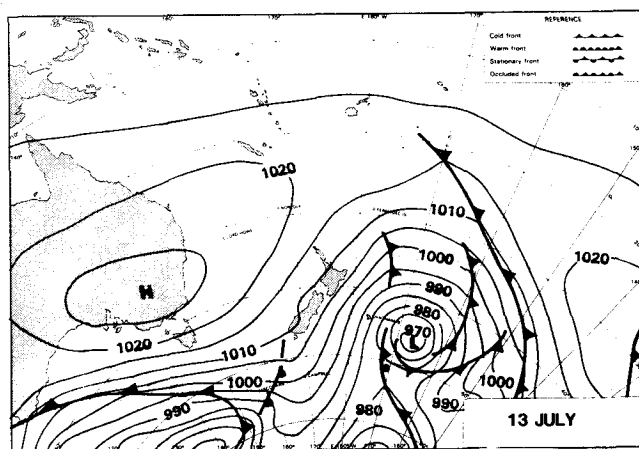
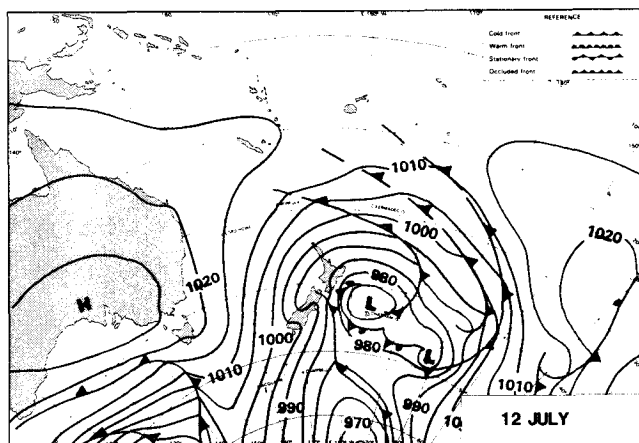
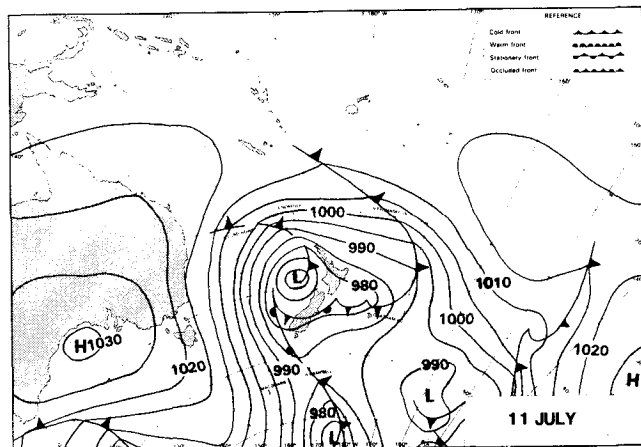
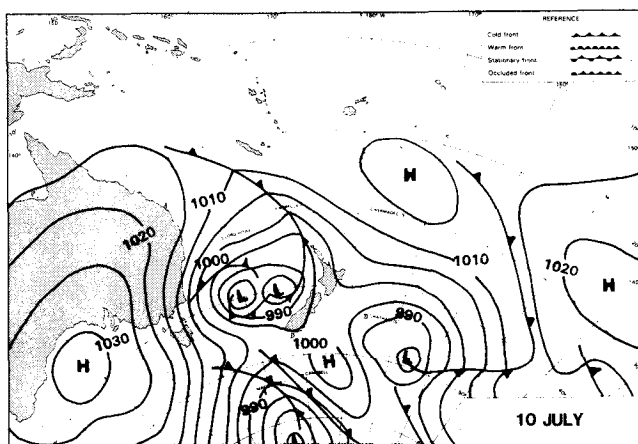
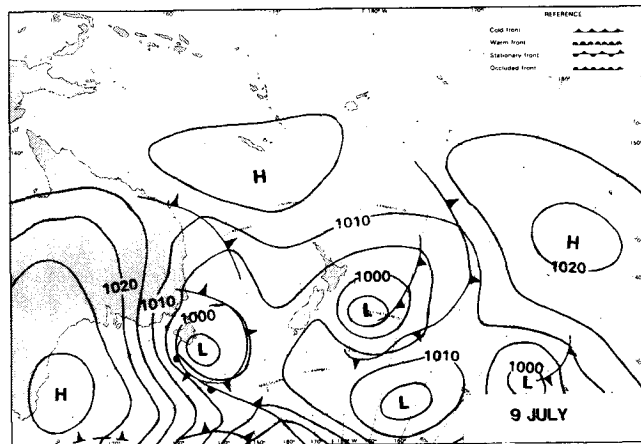
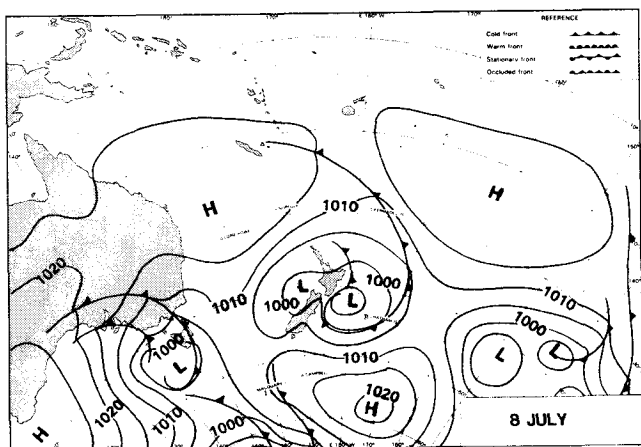
Elsewhere total hours of bright sunshine for July were near normal.

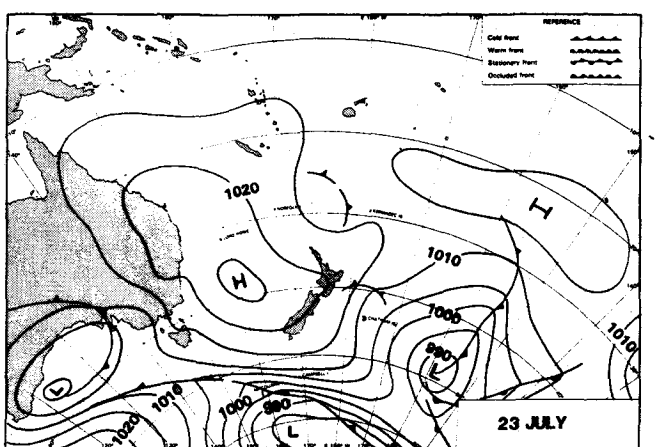
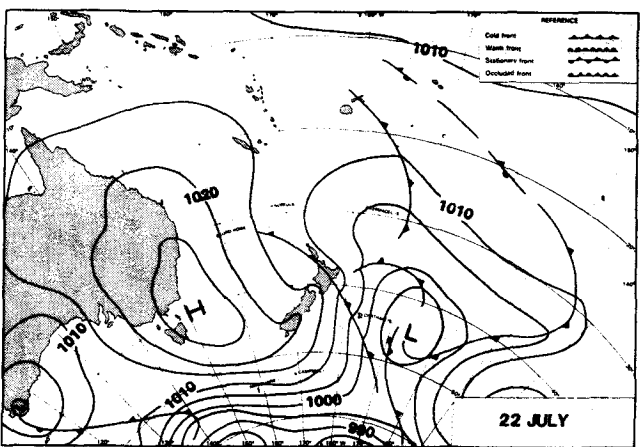
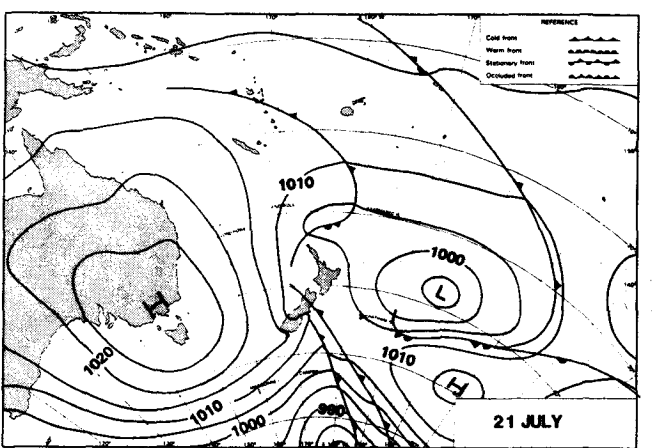
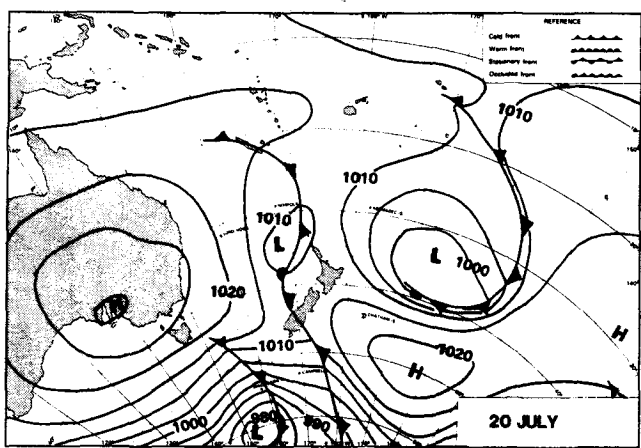
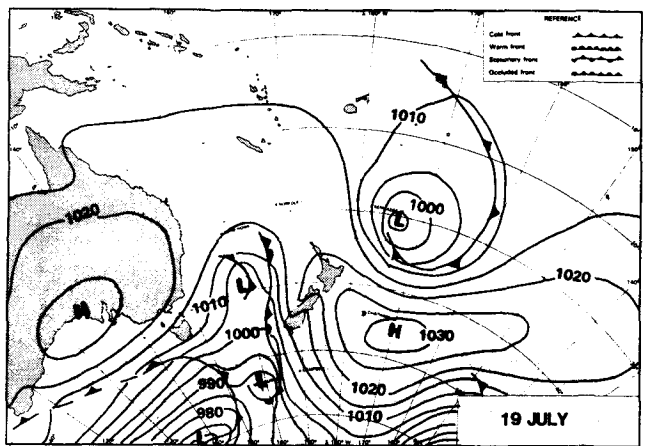
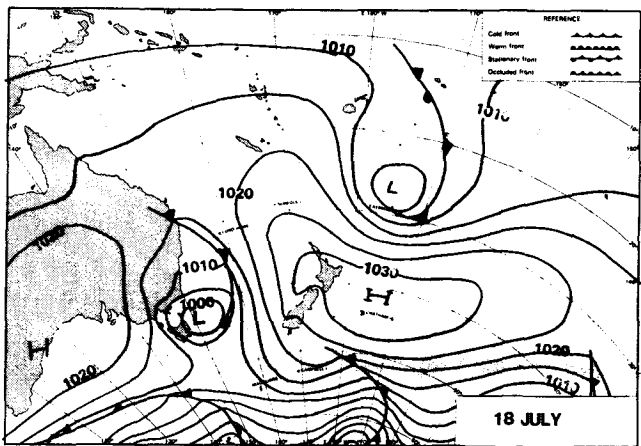
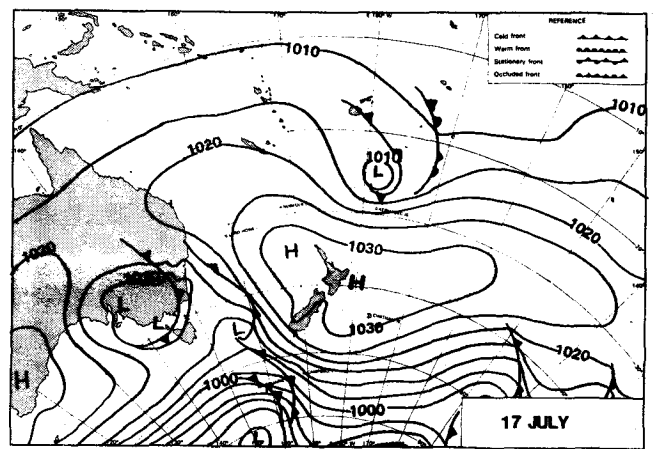
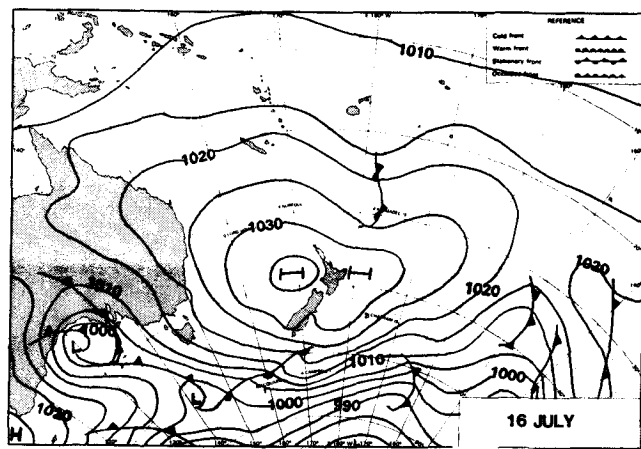
J. S. HICKMAN, Director.

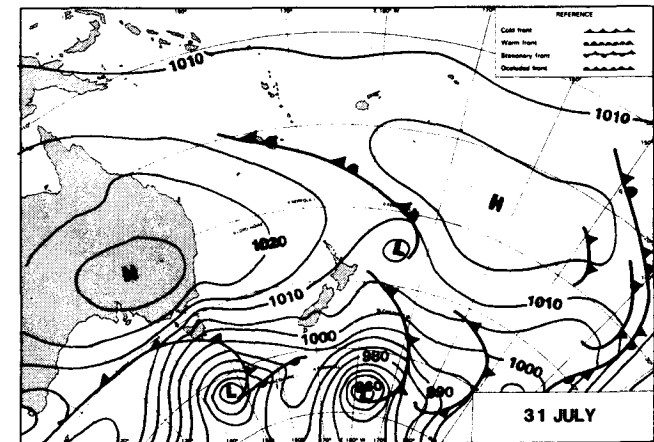
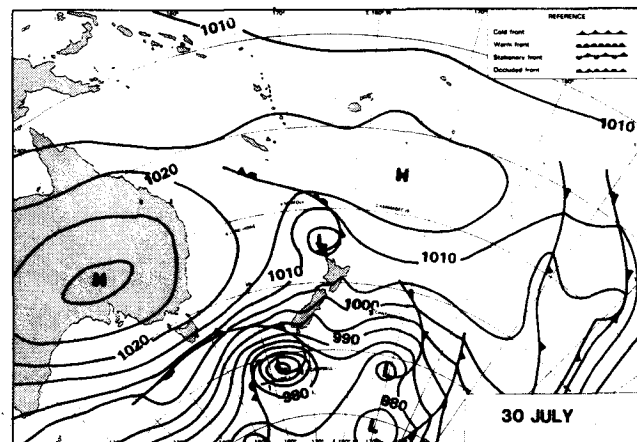
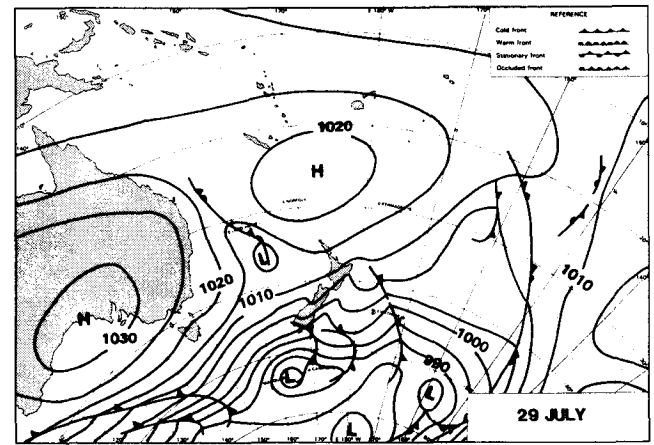
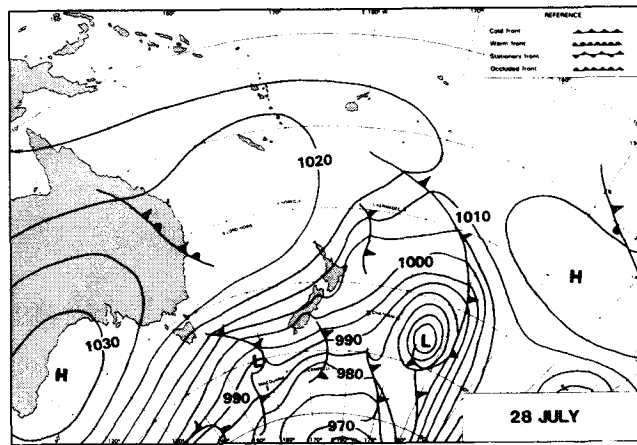
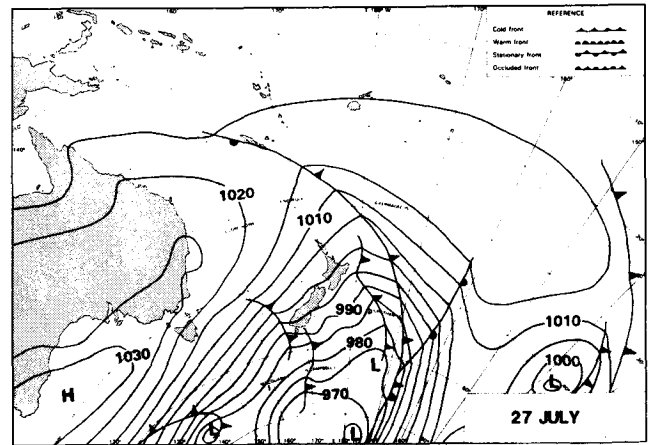
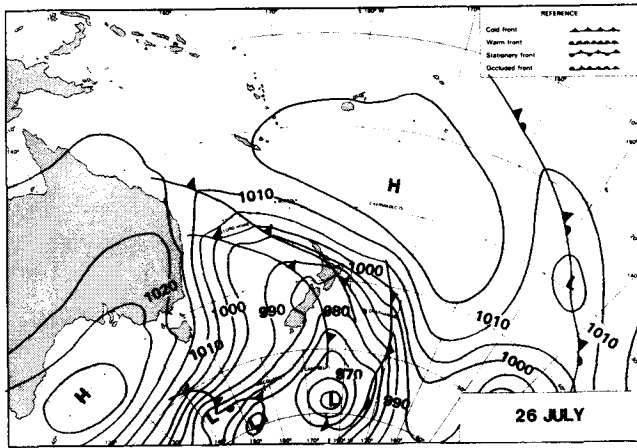
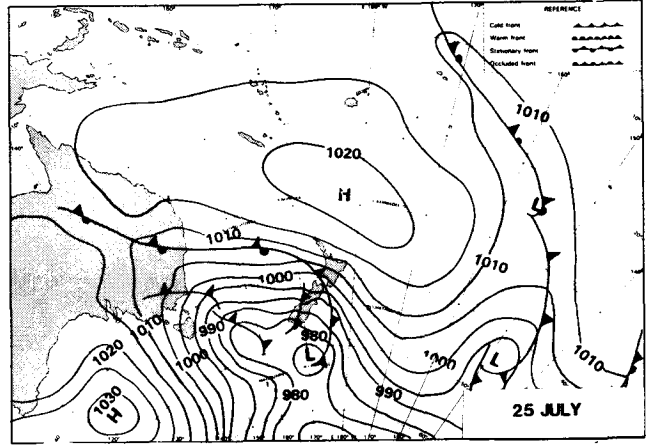
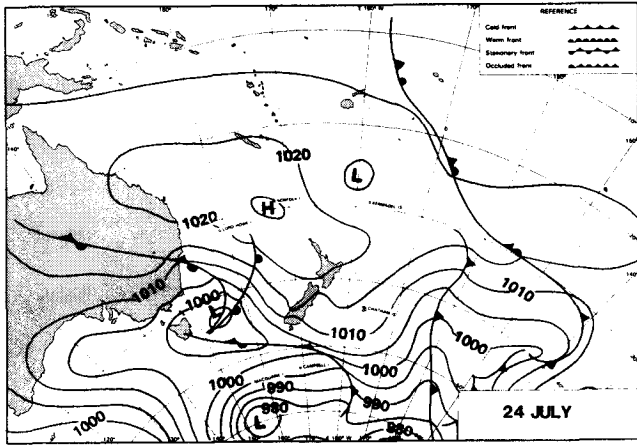
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