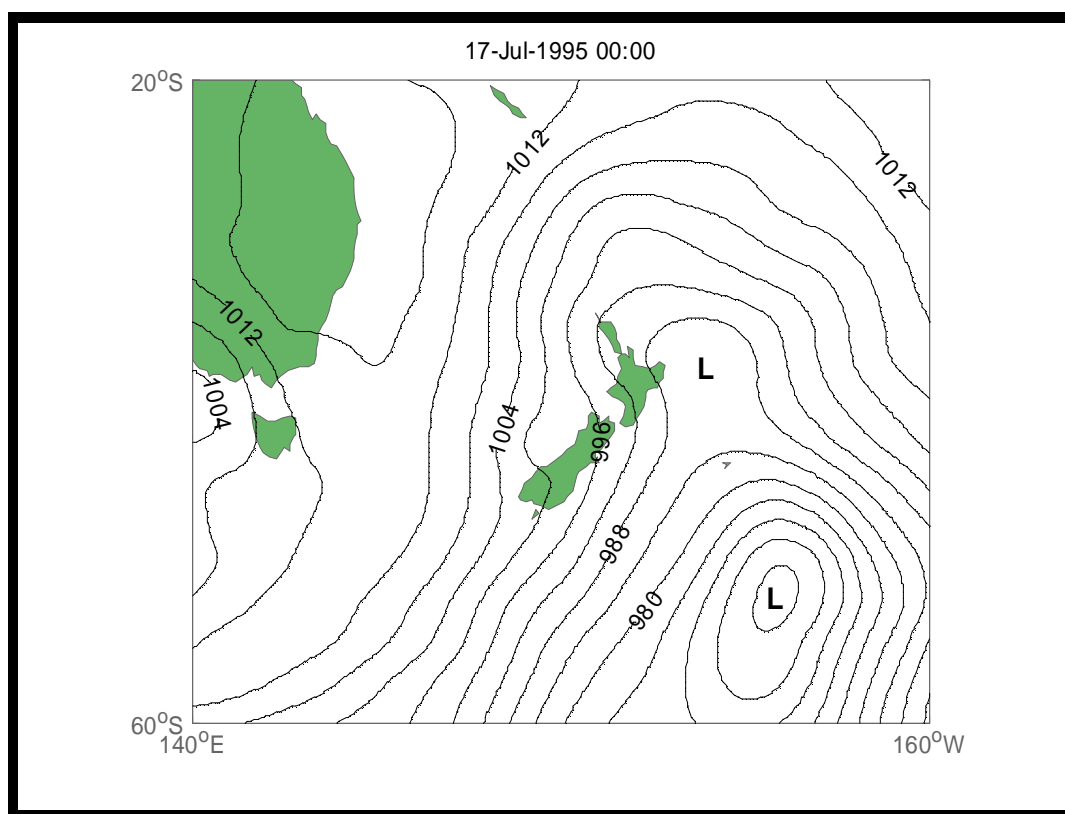


Coastal Storm Database - Event Summary

Date: 16-18 Jul 1995	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 38
Origin: Tasman Sea	Pressure Gradient: S to SSW
Type: Trough	



Synoptic Conditions

A large trough extending northward from a cyclone that had moved into the southern ocean completely covered the eastern Tasman sea, NZ and Chatham Islands on the 16th. On the western side of the trough was a strong SSW airstream that swept over the eastern South Island and through Cook Strait, and later swept over the eastern North Island as a southerly. The trough developed into a cyclone on the 17th north of the Chatham Islands and the southerly winds continued. These winds blew over a large fetch extending from near Cook Strait to 60S on the 16th.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	4.1	8
Napier	3.2	7
Gisborne	3.8	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
16-Jul-95			72 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
17-Jul-95			80 (S)
18-Jul-95			61 (S)

Impact Area

Gisborne
Wellington

Impacts and Damages

- Surrounding hill country blanketed with snow
- Power cuts in city
- Yacht pushed onto rocks at Ward Island by high winds
- Snow to sea level in city and on Rimutaka hills;

Data Source

- 1 Commuters Slide to Work as Rare Snow Blankets City: Evening Post, 18/07/1995, p3
 - 2 Snow and Ice Close Many Roads: Gisborne Herald, 17/07/1995, p2
 - 3 The Big Chill Bites: Dominion Post, 18/07/1995, p1
 - 4 [Picture - No Title]: Dominion Post, 17/07/1995, p3
 - 5 Hill Country in Grip of Heavy Overnight Snow: Gisborne Herald, 18/07/1995, p1
 - 6 Icy Blast Brings Much of Country to a Halt: Gisborne Herald, 18/07/1995, p1
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