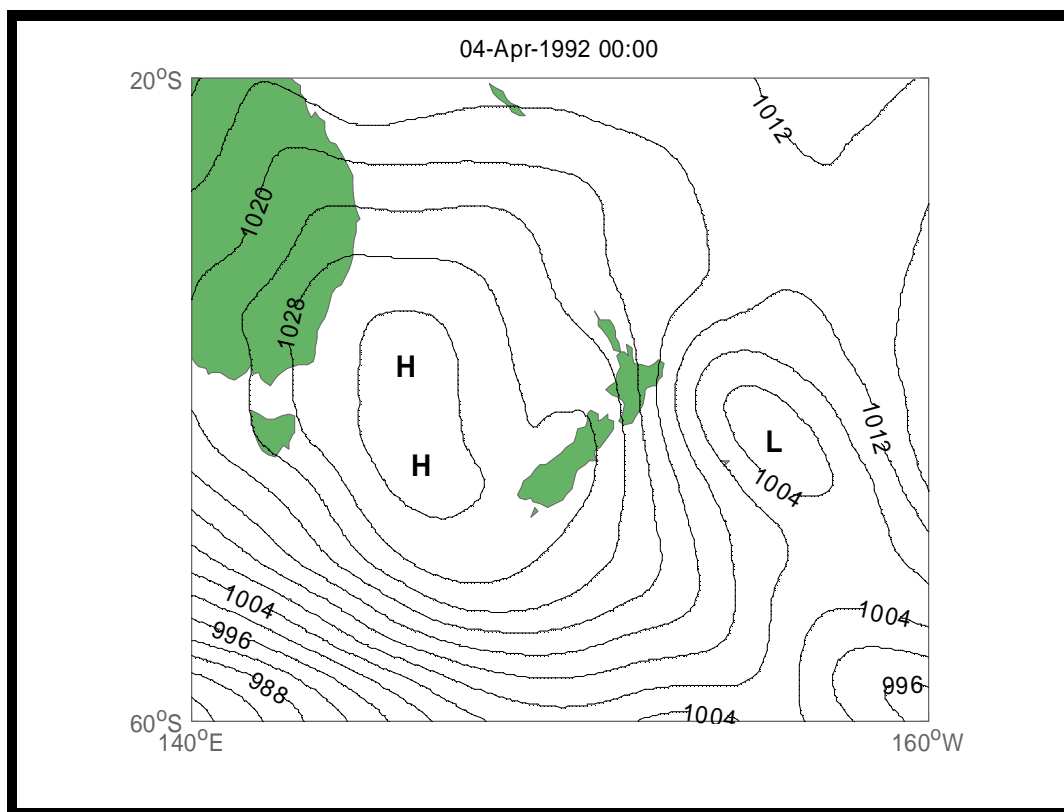


Coastal Storm Database - Event Summary

Date: 3-6 Apr 1992	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 82
Origin: Southern Ocean	Pressure Gradient: S to SSW
Type: East Coast Secondary Low	



Synoptic Conditions

A deep southern ocean cyclone moved eastward to the south of NZ and extended a trough over NZ. At the same time a large intense anticyclone from the Great Australia Bight had moved into the south Tasman sea. On the 2nd both the trough and anticyclone covered NZ and between then was a strong SSW airstream that swept over the country. A secondary cyclone then developed near the Chatham Islands on the 3rd and sustained the strong S to SSW airstream over the country as the anticyclone moved eastward. The secondary cyclone remained over and just east of the Chatham Islands through to the 6th while the anticyclone continued to occupy the Tasman sea.

Sea Conditions

Estimated 8m swells in Cook Strait

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	5.1	8
Napier	4.7	8
Gisborne	5.5	8

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
03-Apr-92			106 (S)
04-Apr-92			98 (S)
05-Apr-92			91 (S)
06-Apr-92			63 (S)

Impact Area

Gisborne
Wellington

Impacts and Damages

- Snow around hill country
- Yachts ripped from moorings at Island Bay
- Ferry 'Aratika' made it across Cook Strait in estimated 8m swells; total of 9 other crossings cancelled
- Ferries experienced gusts up to 111 km/hr in Cook Strait;
- Moa Point Road closed near airport due to waves breaking over it

Data Source

- 1 Rescued Yachts Run Foul of Police: Gisborne Herald, 6/04/1992, p1
 - 2 Ice, Snow Puts Bus Off Road: Gisborne Herald, 4/04/1992, p1
 - 3 Police Furious with Yachties who Sailed in Foul Weather: Dominion Post, 6/04/1992, p3
 - 4 [Picture - No Title]: Dominion Post, 6/04/1992, p1
 - 5 Gales Wallop Travellers: Evening Post, 4/04/1992, p1
 - 6 Blast of Winter Disrupts Travel: Dominion Post, 4/04/1992, p1
 - 7 Antarctic Wind Bring Chill to Wellington: Evening Post, 3/04/1992, p1
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