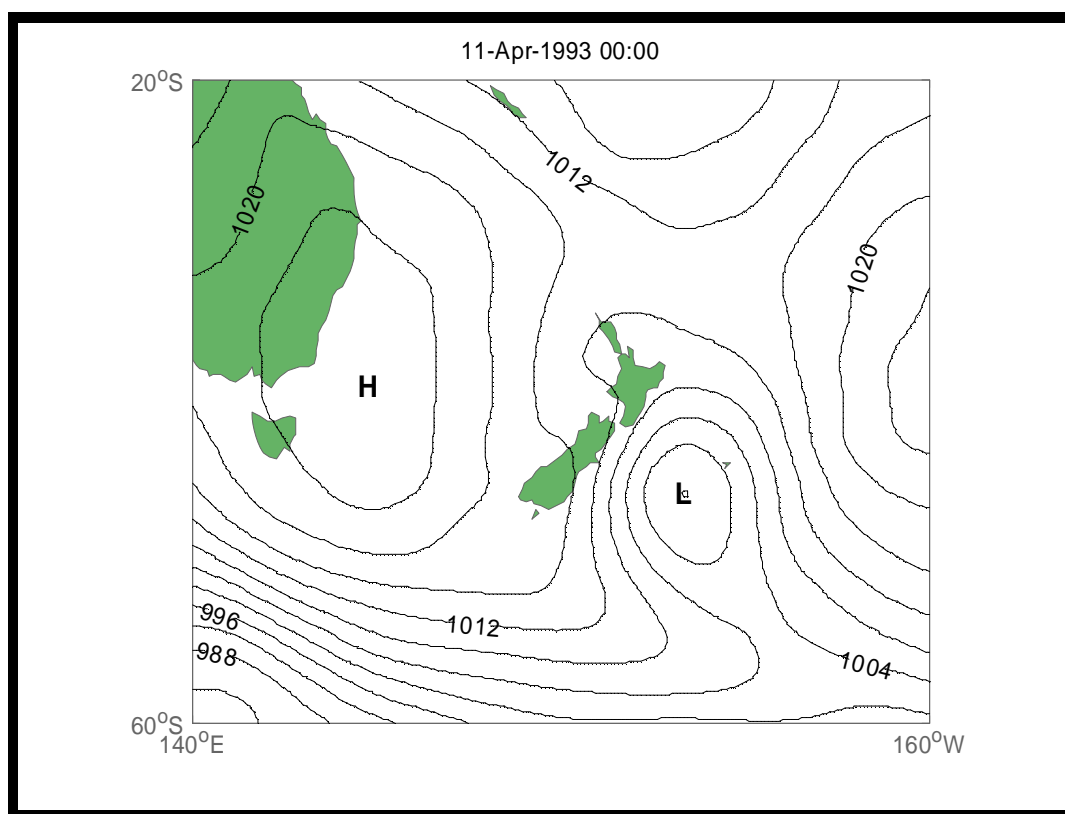


Coastal Storm Database - Event Summary

Date: 10-11 Apr 1993	Wind Direction: SW
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 24
Origin: Eastern NZ	Pressure Gradient: S to SSW
Type: East Coast Secondary Low	



Synoptic Conditions

A secondary cyclone developed off Cook Strait from a passing southern ocean trough. It was being followed by a large anticyclone in the Tasman sea that spread a ridge to the southeast across the South Island. Between these two systems a SSW airstream developed and swept through Cook Strait and then spread up the eastern North Island. Furthermore, this cyclone was embedded between two large anticyclones.

Sea Conditions

Heavy seas off Wellington

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.7	7
Napier	2.9	7
Gisborne	3.9	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
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Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
10-Apr-93			83 (SW)
11-Apr-93			78 (SW)

Impact Area**Impacts and Damages**

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Data Source

- 1 Weather a Chilly Reminder of Sinking: Evening Post, 12/04/1993, p1