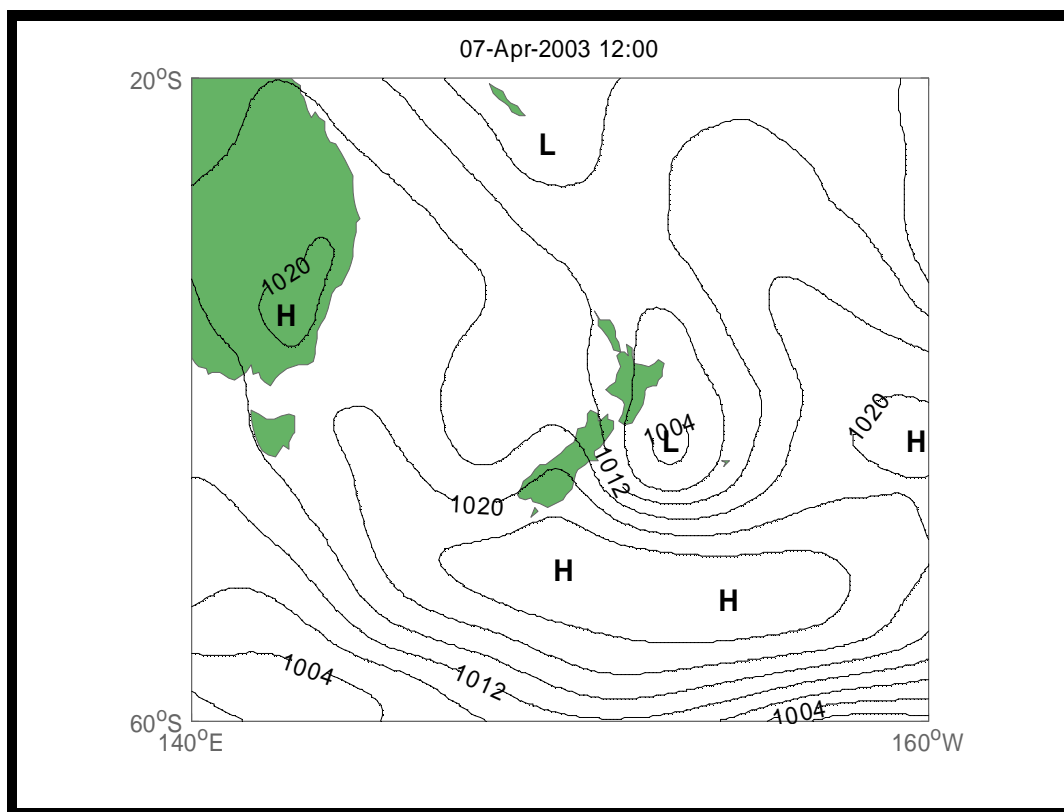


Coastal Storm Database - Event Summary

Date: 7-8 Apr 2003	Wind Direction: SW
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 25
Origin: Eastern NZ	Pressure Gradient: SSE
Type: East Coast Secondary Low	



Synoptic Conditions

A cyclone developed over East Cape from a weak trough of low pressure extending southward from the subtropics (near New Caledonia). On the 7th this cyclone had formed into a large centre west of the Chatham Islands and a very strong SSE airstream on its western side swept over the upper South Island and into Cook Strait area.

Sea Conditions

9m waves on Wellington south coast

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	10.0	9
Napier	2.6	12

*Maximum Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
07-Apr-03			95 (SW)
08-Apr-03			76 (S)

Impact Area

Wellington

Impacts and Damages

- All except one ferry crossings cancelled
 - Waves upto 9m off south coast
-

Data Source

- 1 Swell Warning: Gisborne Herald, 8/04/2003, p3
 - 2 Big Swell Pounds South Coast: Dominion Post, 8/04/2003, p9
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