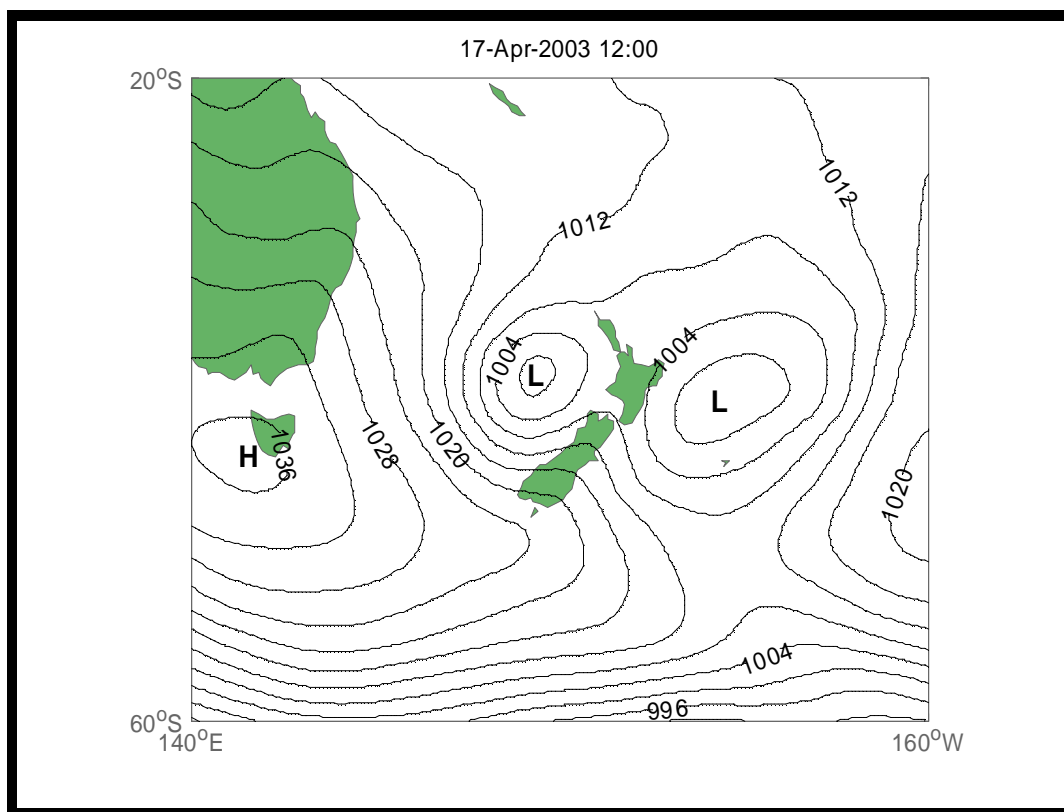


# Coastal Storm Database - Event Summary

Date: <b>17-18 Apr 2003</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind/Wave</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>32</b>
Origin: <b>Subtropics</b>	Pressure Gradient: <b>SSE to SE</b>
Type: <b>East Coast Low</b>	



## Synoptic Conditions

A cyclone from the subtropics north of NZ moved southward and on the 17th was north of the Chatham Islands. To the west of this cyclone was another smaller cyclone west of Cook Strait. At the same time an intense anticyclone over Tasmania extended a ridge to the east that covered the lower South Island. Between this ridge and the Chatham Island cyclone developed a SSE to SE airstream that swept over the upper South Island and into Cook Strait.

## Sea Conditions

Swells upto 12m off Wellington South coast

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	8.0	8
Napier	4.0	14
*Maximum Wave Height		

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
17-Apr-03			87 (S)

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**Maximum Wind Gusts (kph and dir)**

	Date	Gisborne	Napier	Wellington
	18-Apr-03			82 (S)
<b>Impact Area</b>	<b>Impacts and Damages</b>			
Wellington	<ul style="list-style-type: none"><li>• Swells upto 12m in Cook Strait</li><li>• Lynx fast ferries cancelled as seas too high in Cook Strait</li></ul>			

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**Data Source**

- 1 Charter Flight beat the Weather: Dominion Post, 19/04/2002, p3
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