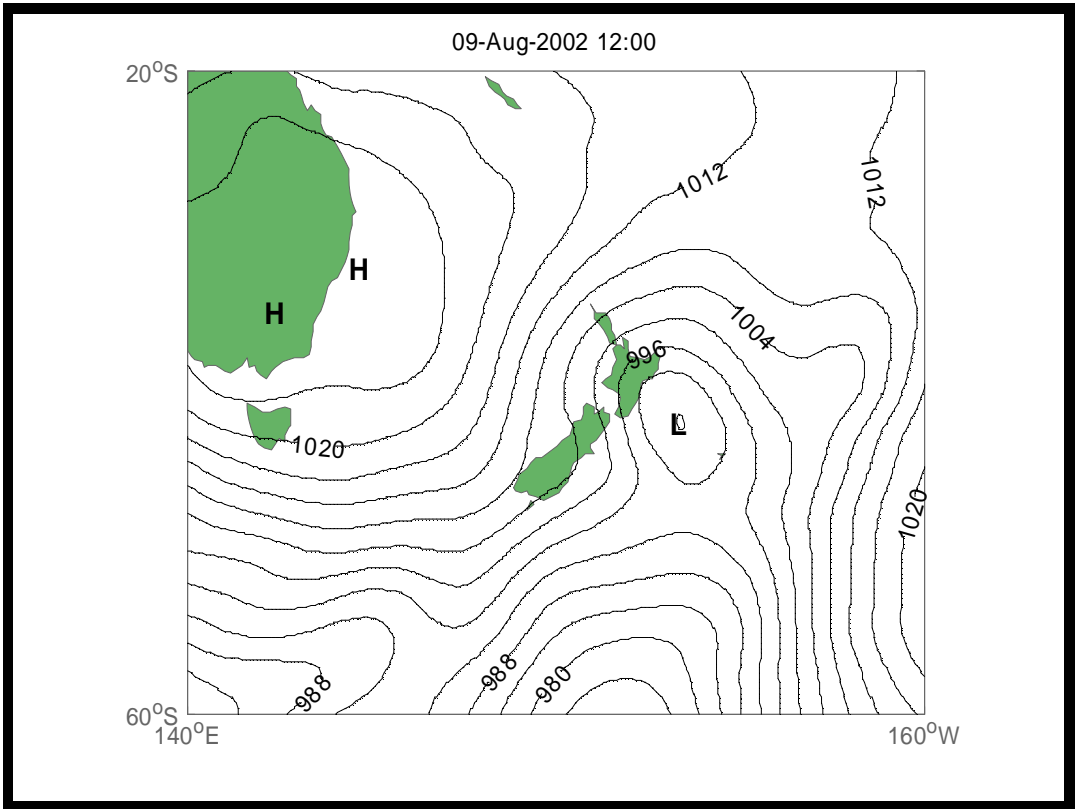


# Coastal Storm Database - Event Summary

Date: <b>9-10 Aug 2002</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>27</b>
Origin: <b>Eastern NZ</b>	Pressure Gradient: <b>S to SE</b>
Type: <b>East Coast Secondary Low</b>	



### Synoptic Conditions

A secondary cyclone developed east of the Otago coast from a southern ocean trough and moved northward. On the 9th this cyclone was off the Wairarapa coast and covered most of NZ. On its western side was a strong SSE to SE airstream that swept over the lower eastern North Island. Later in the day the flow veered to the south and swept over the entire eastern North Island.

### Sea Conditions

4m swell in Cook Strait

### Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	8.3	8
Napier	3.2	9

\*Maximum Wave Height

### Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
09-Aug-02			82 (S)

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

	Date	Gisborne	Napier	Wellington
	10-Aug-02			76 (S)
<b>Impact Area</b>	<b>Impacts and Damages</b>			
Wellington	<ul style="list-style-type: none"><li>• Ferry Aratere also cancelled</li><li>• Lynx fast ferry cancelled due to 4m swells in Cook Strait</li><li>• Surface flooding around city</li></ul>			

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**Data Source**

- 1 Cook Strait Ferries Back to Normal as Weather Clears: Dominion Post, 12/08/2002, p3
  - 2 Winter Bare's its Teeth: Dominion Post, 10/08/2002, p3
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