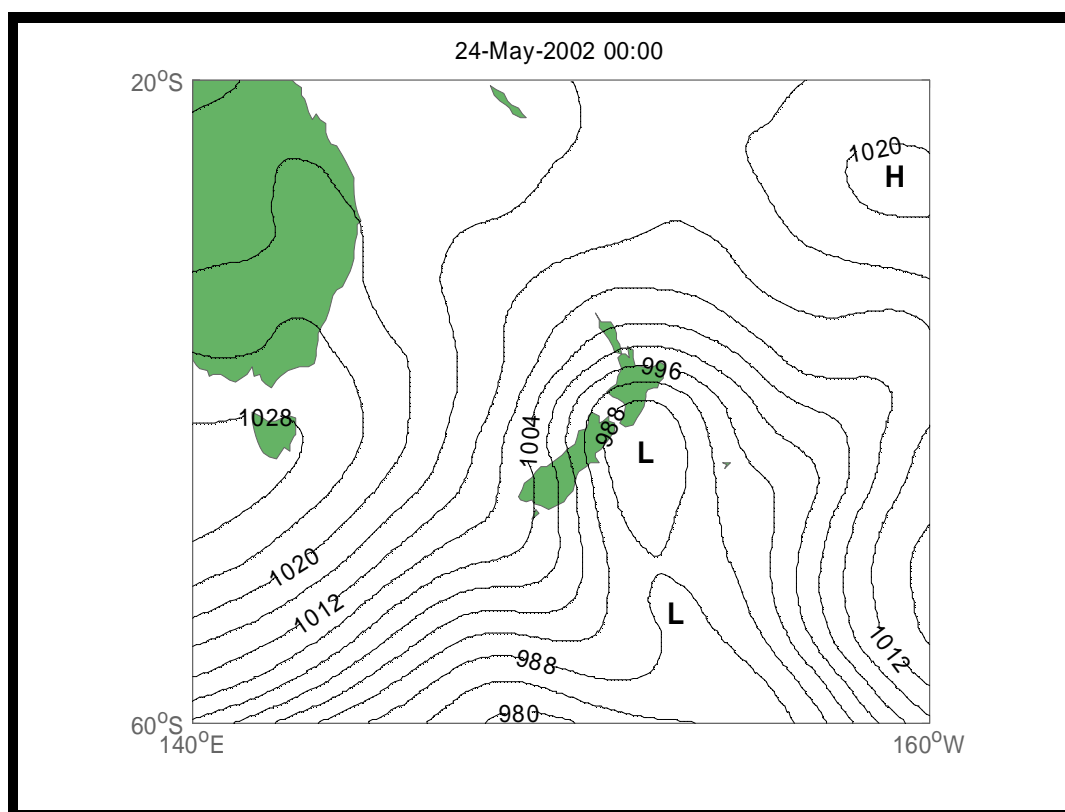


# Coastal Storm Database - Event Summary

Date: <b>23-24 May 2002</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>12</b>
Origin: <b>Tasman Sea</b>	Pressure Gradient: <b>SSW</b>
Type: <b>Tasman Sea Low</b>	



## Synoptic Conditions

A cyclone near Tasmania moved slowly eastward and through Cook Strait. On the 24th this deep cyclone was over the Chatham Islands and its trough covered NZ. In its wake was a strong SSW airstream that swept over NZ with the strongest winds just off the east coast.

## Sea Conditions

High seas in Cook Strait

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	8.1	9
Napier	2.4	12
*Maximum Wave Height		

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
23-May-02			89 (S)
24-May-02			83 (SW)

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**Impact Area**

Gisborne  
Wellington

**Impacts and Damages**

- Power lines and trees down
- High seas in Cook Strait

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**Data Source**

- 1 Wind Hits Rural Power Users: Gisborne Herald, 24/05/2002, p33
  - 2 Damage as Gale hits Ship: Gisborne Herald, 24/05/2002, p33
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