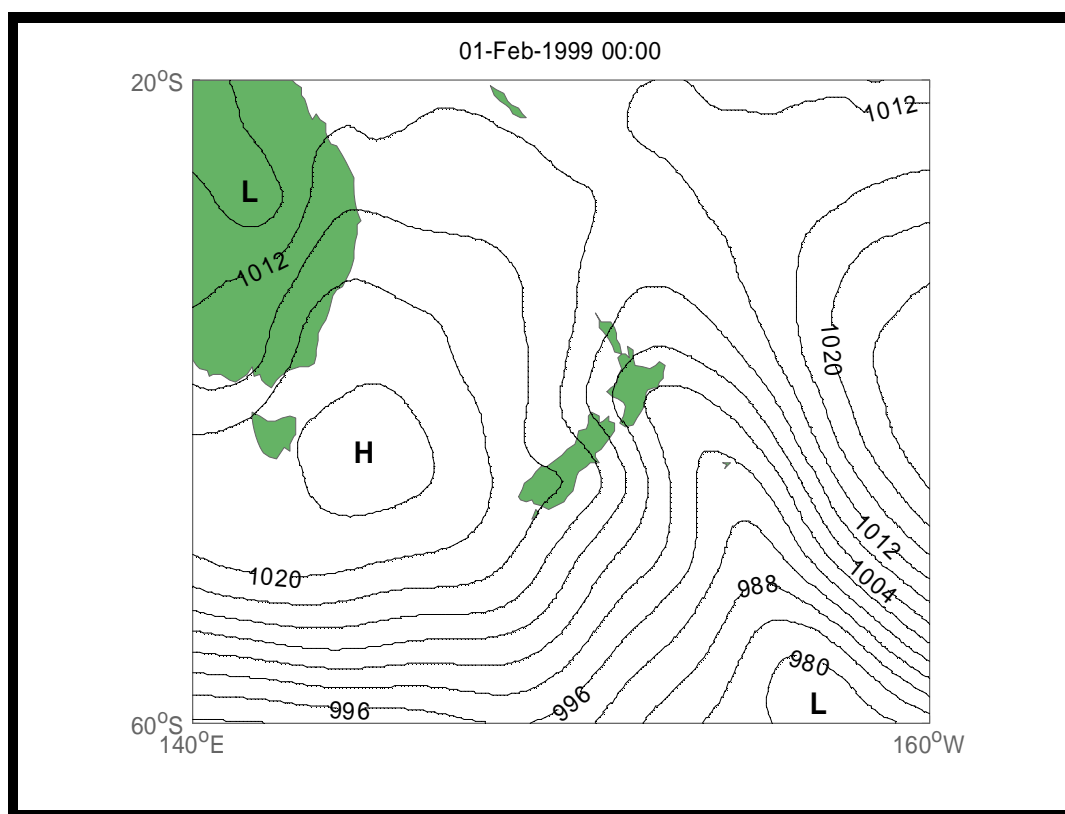


# Coastal Storm Database - Event Summary

Date: <b>31-1 Feb 1999</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>27</b>
Origin: <b>Southern Ocean</b>	Pressure Gradient: <b>S to SSW</b>
Type: <b>Trough</b>	



## Synoptic Conditions

A trough passed over NZ while embedded between two large anticyclones. On the 31st this trough was over the Chatham Islands and North Island, whilst the South Island was covered by the Tasman sea anticyclone. Between these systems a S to SSE airstream developed and swept over the upper eastern South Island and into Cook Strait. This flow then spread up the eastern North Island but with less velocity.

## Sea Conditions

5m swell in Cook Strait

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	8.2	8
*Maximum Wave Height		

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
31-Jan-99			72 (S)
01-Feb-99			76 (S)

---

**Impact Area**

Wellington

**Impacts and Damages**

- Lynx fast ferry cancelled due to high seas
- 

**Data Source**

- 1 Rough Seas Greet Ferry: Dominion Post, 2/01/1999, p3
  - 2 Rough Test for First Aratere Passengers: Evening Post, 1/02/1999, p1
-