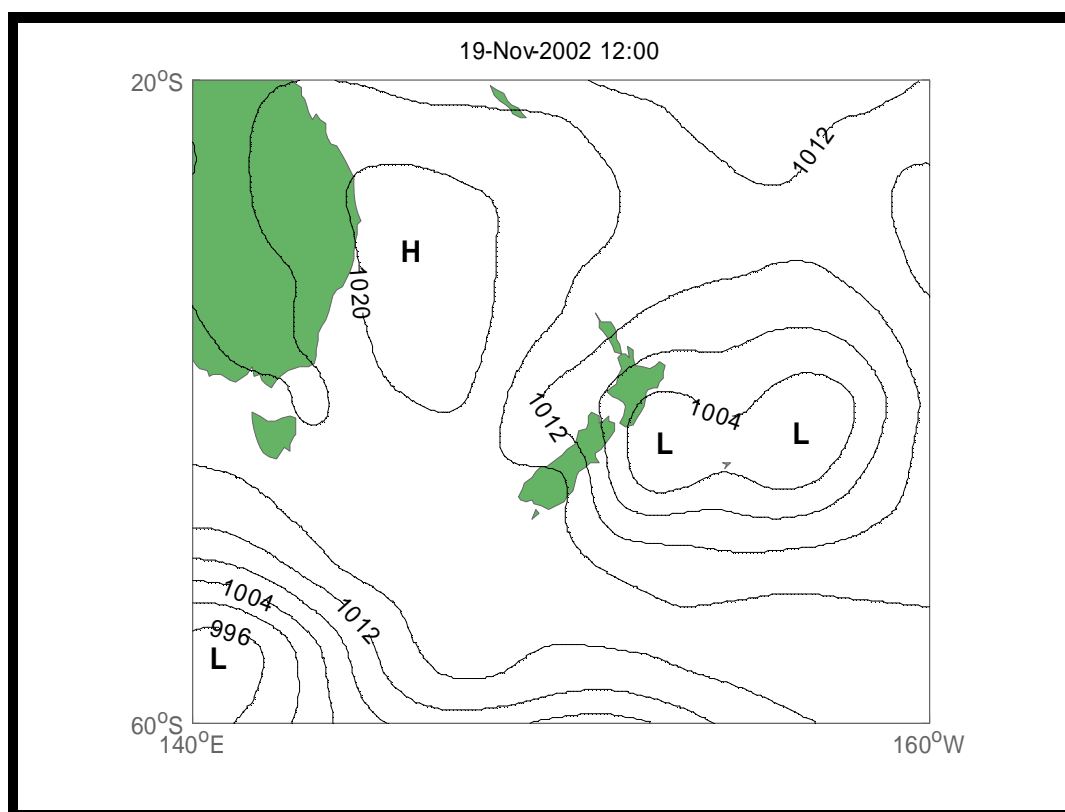


# Coastal Storm Database - Event Summary

Date: <b>19-20 Nov 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>25</b>
Origin: <b>Eastern NZ</b>	Pressure Gradient: <b>S to SSE</b>
Type: <b>East Coast Secondary Low</b>	



## Synoptic Conditions

A secondary cyclone developed from a southern ocean trough off the Canterbury coast and remained off the east coast of NZ until the 19th. During this time a large anticyclone moved into the Tasman sea. On the 19th a strong SSE airstream developed between these systems over the upper eastern South Island and through Cook Strait. This flow then moved northward and affected the upper North Island as a southerly flow.

## Sea Conditions

Swells between 4 and 8m off Wellington South coast

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
19-Nov-02			96 (S)
20-Nov-02			82 (S)

## Impact Area

Wellington

## Impacts and Damages

- Swells in Cook Strait ranged between 4 and 8m
- Fast and conventional ferries cancelled

## Data Source

- 1 Strong Winds Disrupt Ferry Sailings: Gisborne Herald, 20/11/2002, p5

