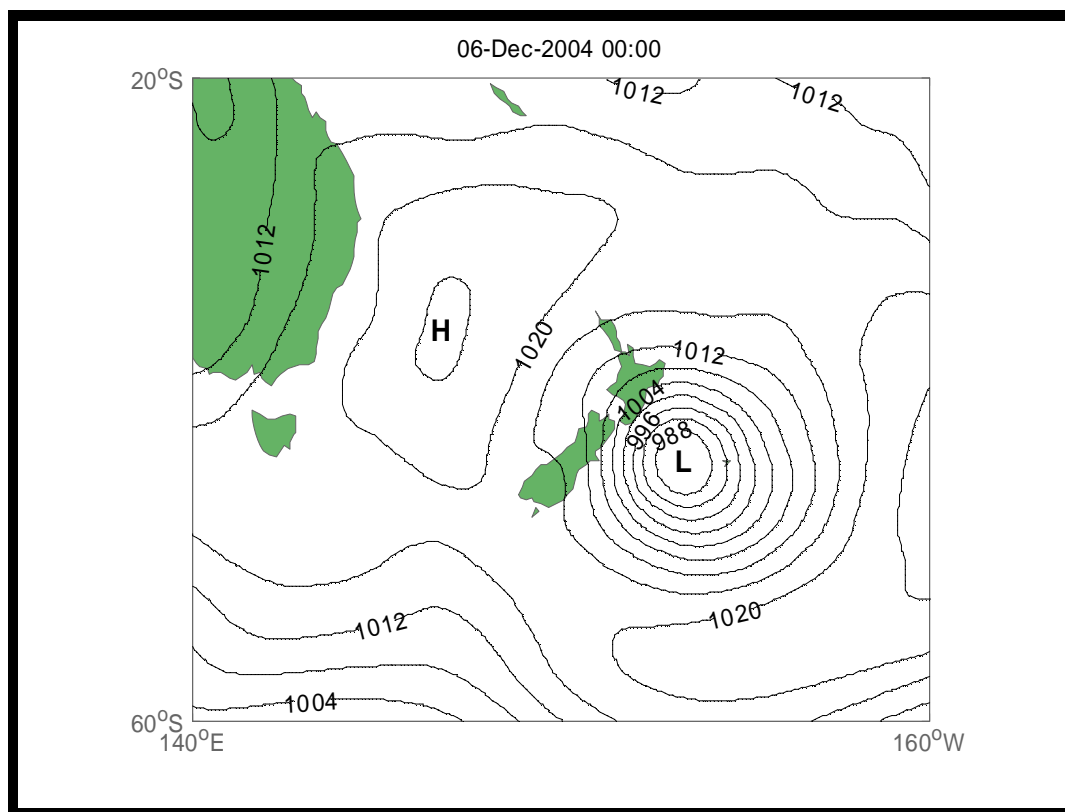


Coastal Storm Database - Event Summary

Date: 5-6 Dec 2004	Wind Direction: SW
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 15
Origin: Subtropics	Pressure Gradient: S to SSW
Type: East Coast Low	



Synoptic Conditions

A cyclone developed north of North Cape from a trough extending southward from New Caledonia. On the 5th this cyclone had developed into a large intense cyclonic system off the Hawkes Bay coast and covered NZ. On its western side was an intense S to SSW airstream that swept over the eastern North Island and through Cook Strait. This strong pressure gradient remained in the Cook Strait area as the cyclone moved southward and spread onto the upper South Island before moving away to the south. The southward movement of the cyclone was generated through the cyclone being surrounded by anticyclones (one in Tasman sea and the other east of 160W).

Sea Conditions

Waves upto 10m recorded at Baring Head

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	13.1	9
Napier	2.3	13
*Maximum Wave Height		

Maximum Wind Gusts (kph and dir)

	Date	Gisborne	Napier	Wellington
	05-Dec-04			108 (SW)
	06-Dec-04			95 (SW)
Impact Area	Impacts and Damages			
Wellington	<ul style="list-style-type: none">● Cook Strait fast ferry cancelled● Gale force winds closed airport overnight			
Data Source				
1	Two More Cold Fronts to Come: Gisborne Herald, 7/12/2004, p19			
2	Strong Winds Cause Problems Across Central North Island: Gisborne Herald, 6/12/2004, p6			
3	Southerly Onslaught has Mixed Blessing: Dominion Post, 6/12/2004, p3			