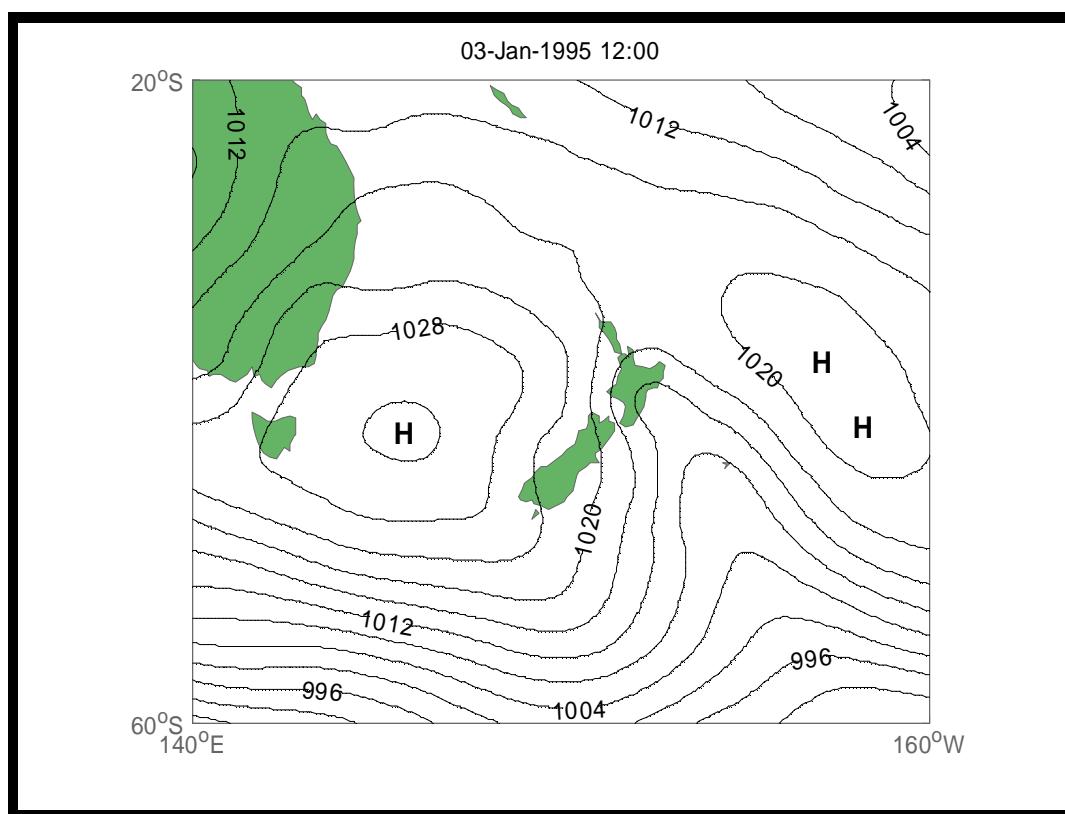


Coastal Storm Database - Event Summary

Date: 3-4 Jan 1995	Wind Direction:
Event Type: Wave	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): -
Origin: Southern Ocean	Pressure Gradient: S to SSE
Type: Trough	



Synoptic Conditions

A trough of low pressure to the east of NZ covered the Chatham Islands and North Island. On its western side was a large intense anticyclone that had spread onto the South Island. Between these two features a strong southerly airstream developed off the eastern South Island and Cook Strait. This combination of a trough and ridge was responsible for the large waves on the Wellington south coast.

Sea Conditions

Waves estimated at 5m off Wellington coast

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.5	7
Napier	3.4	7
Gisborne	4.5	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
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Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
03-Jan-95			74 (NW)
04-Jan-95			54 (S)

Impact Area

Wellington

Impacts and Damages

- Fast ferries cancelled due to 5m swells in Cook Strait

Data Source

- 1 Fast Ferries on Way again as Swell Subsides: Gisborne Herald, 4/01/1995, p1