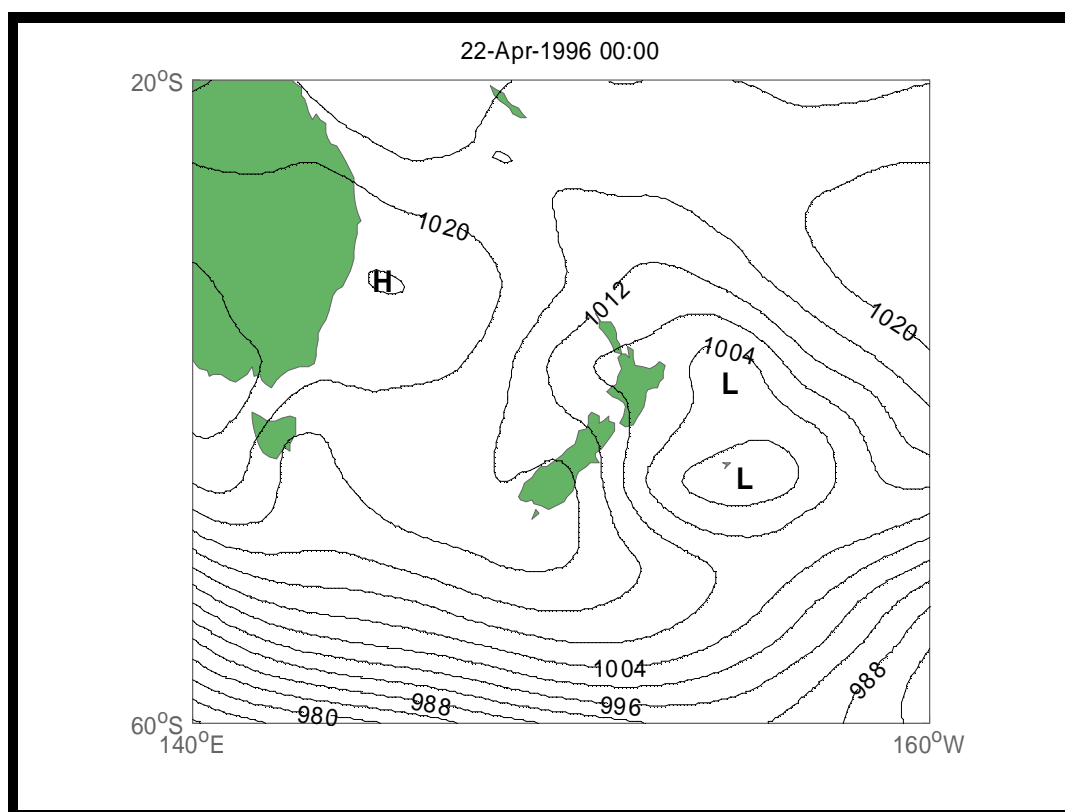


Coastal Storm Database - Event Summary

Date: 21-22 Apr 1996	Wind Direction:
Event Type: Wave/Erosion	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): -
Origin: Eastern NZ	Pressure Gradient: S to SSE
Type: East Coast Secondary Low	



Synoptic Conditions

A secondary cyclone developed off the Otago coast on the 20th and developed into a large closed system over the Chatham Islands on the 21st. At this time a ridge had spread onto the South Island from a Tasman sea anticyclone. This created a S to SSE airstream on the western side of the cyclone that swept into Cook Strait. This SSE flow then spread up the eastern North Island on the 22nd as the ridge of high pressure spread northward and the cyclone moved northeast-ward.

Sea Conditions

Big southerly seas along southern Wairarapa coast

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	4.0	7
Napier	3.7	7
Gisborne	4.3	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
21-Apr-96			65 (S)
22-Apr-96			89 (S)

Impact Area**Impacts and Damages**

Wairarapa

- Protective gabion baskets exposed on Wainui Beach near Oneroa Road
- House fallen into sea after erosion of foredune at Te Kopi

Data Source

- 1 Room with A View - But not for Long: Evening Post, 22/04/1996, p1
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