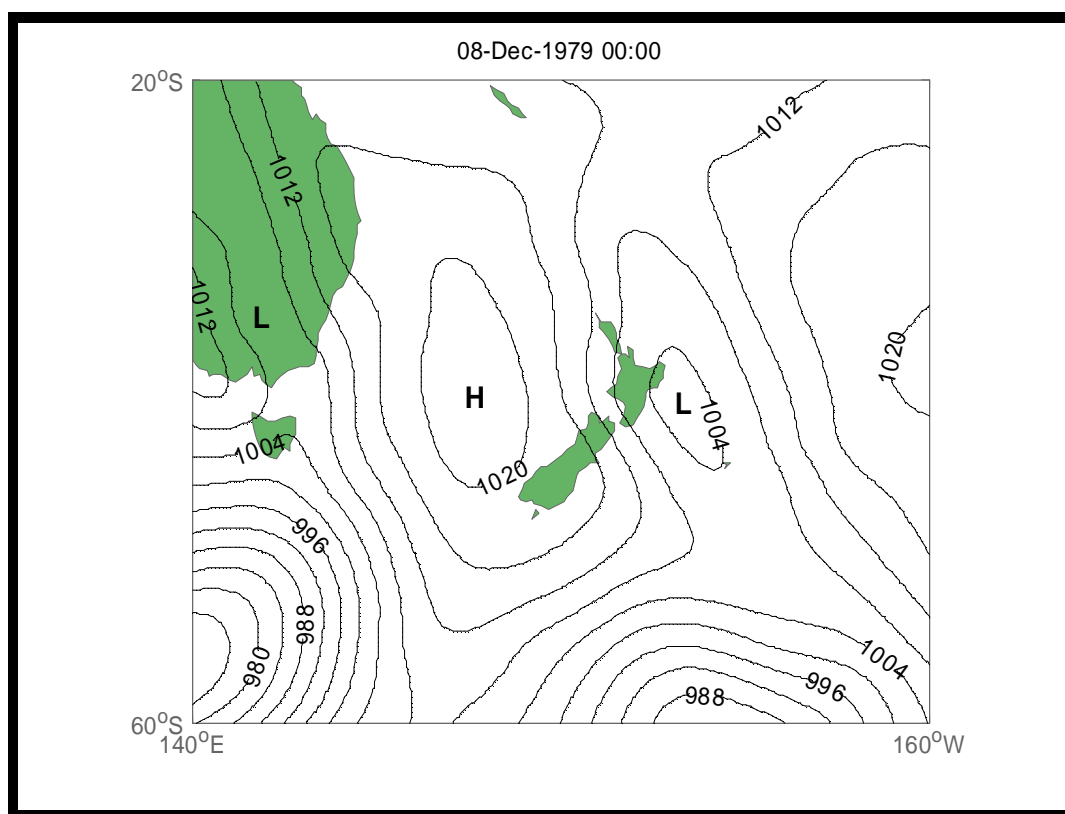


Coastal Storm Database - Event Summary

Date: 7-8 Dec 1979	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): 7
Location: Gisborne/Wellington	Wellington Duration (Hours): 26
Origin: Southern Ocean	Pressure Gradient: SE
Type: East Coast Secondary Low	



Synoptic Conditions

A secondary cyclone developed east of the North Island from a passing southern ocean trough. On the 7th this cyclone was embedded between two anticyclones and a strong SE airstream developed on its western side due to the eastward movement of the Tasman sea anticyclone and its associated ridge over the South Island. This flow continued on the 8th as the cyclone moved northward into the subtropics.

Storm Type Sequence - east coast secondary low - subtropical low

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.0	6
Napier	2.7	7
Gisborne	3.1	7
*Highest Significant Wave Height		

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
07-Dec-79	45 (S)	61 (NW)	98 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
08-Dec-79	89 (S)	72 (SW)	93 (S)

Impact Area

Wellington

Impacts and Damages

- Hailstorm, thunder and lightning
-

Data Source

1 Hail Batters City: Dominion Post, 8/12/1979, p3
