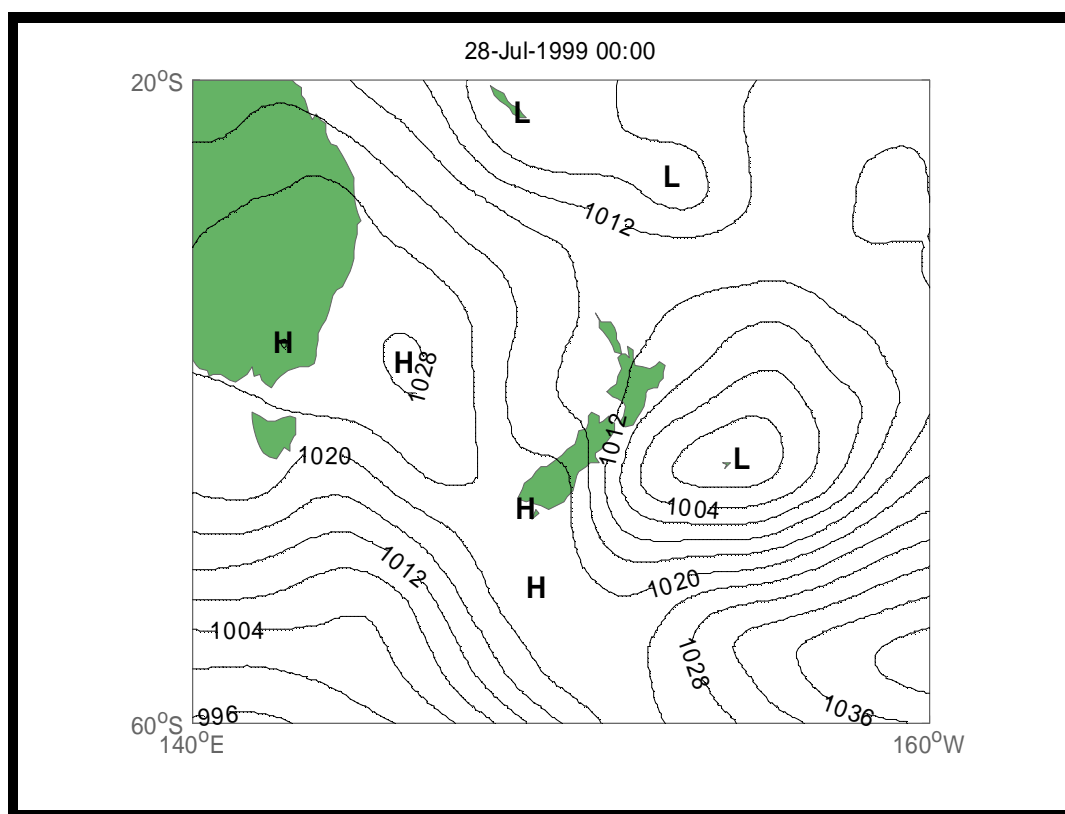


# Coastal Storm Database - Event Summary

Date: <b>27-29 Jul 1999</b>	Wind Direction: <b>SW</b>
Event Type: <b>Wind/Wave</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>33</b>
Origin: <b>Southern Ocean</b>	Pressure Gradient: <b>S to SSW</b>
Type: <b>East Coast Secondary Low</b>	



## Synoptic Conditions

A secondary cyclone developed from a southern ocean trough southeast of Otago and became a large cyclone over the Chatham Islands. This cyclone became stationary over the Chathams from the 26th to 29th, and during this time became surrounded by high pressures. On the 27th a strong S to SSW airstream developed on the western side of this cyclone and swept over the eastern North Island.

## Sea Conditions

Swells up to 5m in Cook Strait and high seas on the Gisborne coast

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
27-Jul-99			91 (SW)
28-Jul-99			89 (SW)
29-Jul-99			70 (S)

## Impact Area

Gisborne

Wellington

## Impacts and Damages

- Erosion of the foreshore at Waipiro Bay threatening to topple nearby Norfolk Pines
- Ferry crossings cancelled due to 5m swells in Cook Strait; first crossing of Arahura unable to enter Wellington harbour due to bad sea conditions

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**Impact Area**

Wairarapa

**Impacts and Damages**

- Heaviest snowfall in 30 years
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**Data Source**

- 1 Snow Coats Wharerata's: Gisborne Herald, 28/07/1999, p28
  - 2 Severe Frosts Follow Up Southerly Blast: Gisborne Herald, 28/07/199, p28
  - 3 Wintry Weather Beats Slow Retreat: Evening Post, 29/07/1999, p1
  - 4 Swells Delay, Cancel Cook Strait Ferries: Evening Post, 28/07/199, p3
  - 5 Wairarapa Gets Heaviest Snowfall in 30 Years: Dominion Post, 28/07/1999, p1
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