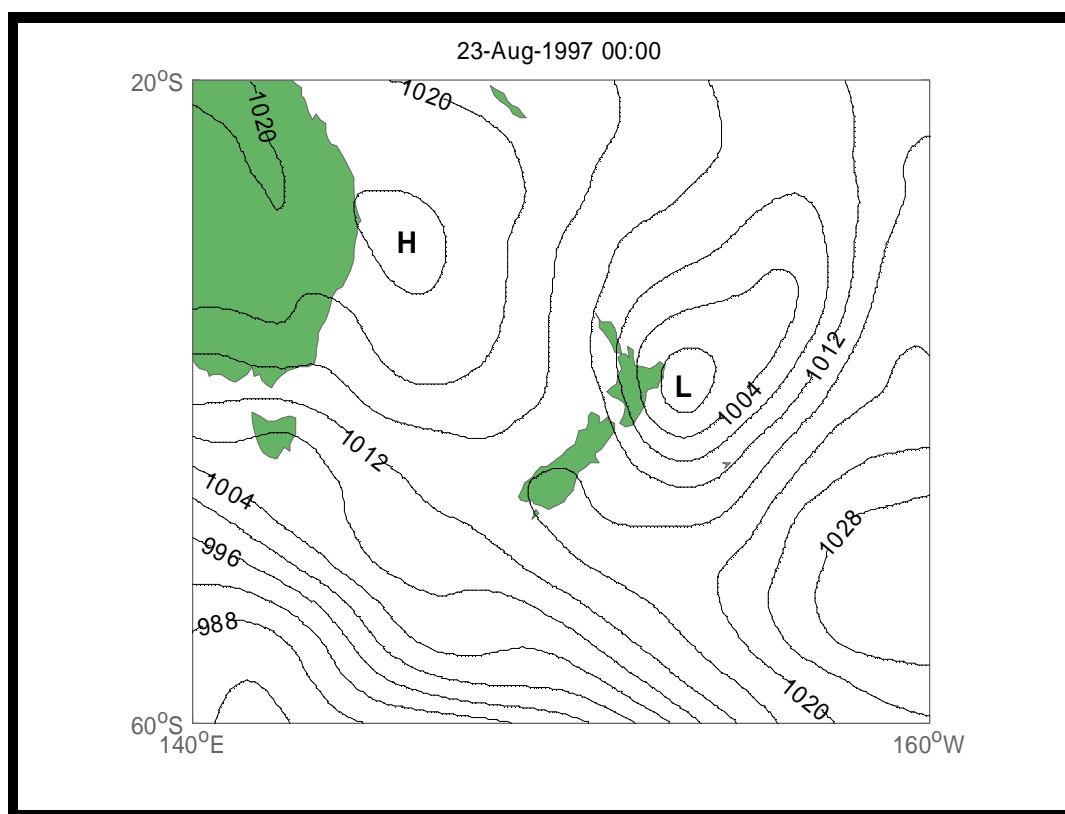


# Coastal Storm Database - Event Summary

Date: <b>22-24 Aug 1997</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Gisborne/Napier/Wellington</b>	Wellington Duration (Hours): <b>48</b>
Origin: <b>Eastern NZ</b>	Pressure Gradient: <b>SSE to SE</b>
Type: <b>East Coast Secondary Low</b>	



## Synoptic Conditions

A cyclone developed from a southern ocean trough east of Cook Strait and as it moved south of the Chatham Islands a secondary centre developed from it over Northland. On the 22nd this secondary cyclone was the dominant feature and was off the Gisborne coast and covered the entire North Island with a strong SSE to SE airstream.

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.8	9
Napier	3.4	9
Gisborne	3.5	9

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
22-Aug-97			63 (S)
23-Aug-97			70 (S)
24-Aug-97			61 (S)

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**Impact Area**

Gisborne

Wairoa

**Impacts and Damages**

- Power disruptions throughout district
  - Power outage, surface flooding, closed roads
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**Data Source**

- 1 Weather Office is Blamed for Animal Losses: Gisborne Herald, 25/08/1997, p1
  - 2 Wairoa Area Again Hit by Wintry Storm: Gisborne Herald, 23/08/1977, p1
  - 3 Icy Blast Closes Roads: Evening Post, 23/08/1997, p1
  - 4 Snow, Ice Close All Main Central North Island Roads: Dominion Post, 23/08/1997, p1
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