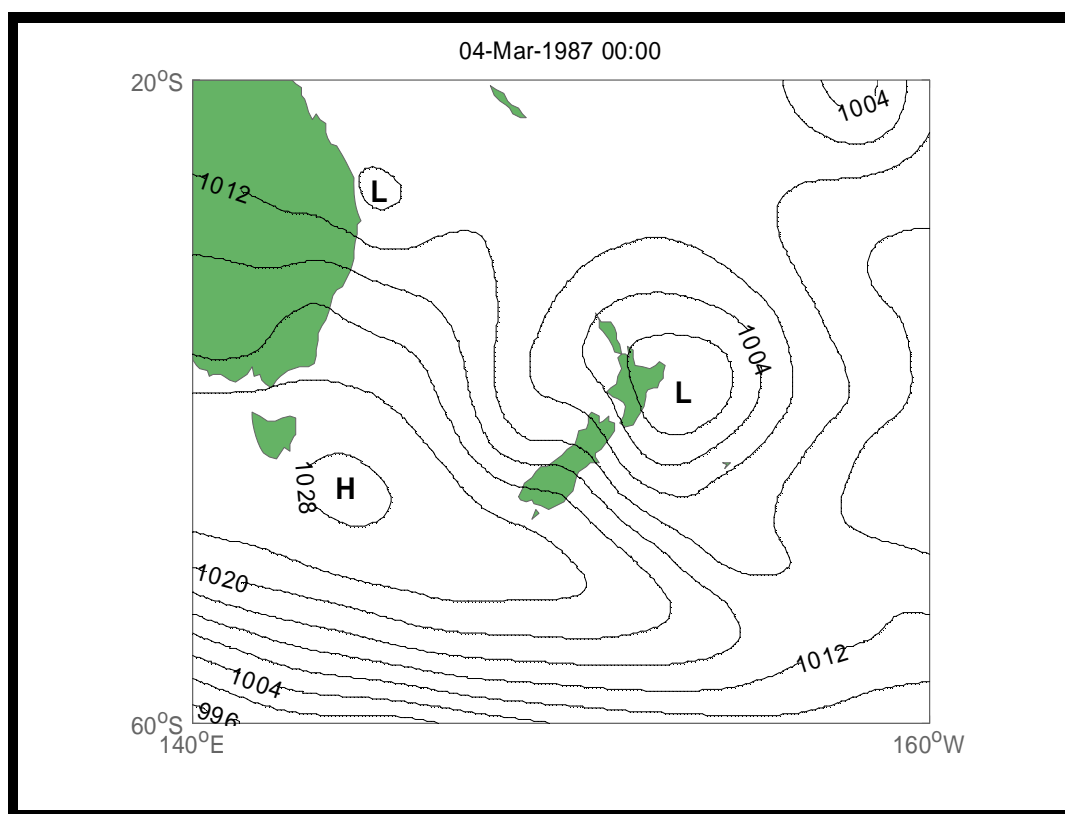


# Coastal Storm Database - Event Summary

Date: <b>3-6 Mar 1987</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>57</b>
Origin: <b>Tasman Sea</b>	Pressure Gradient: <b>SSE to SE</b>
Type: <b>East Coast Low</b>	



## Synoptic Conditions

A cyclone developed off Tasmania and slowly progressed eastward across the central North Island. On the 3rd-4th the cyclone was off Hawkes Bay and completely covered the North Island and a ridge of high pressure had spread across the South Island. A strong SSE to SE airstream developed between these systems and swept over the eastern South Island and Cook Strait area. The flow then spread over the entire eastern North Island on the 4th and 5th.

## Sea Conditions

Heavy seas on Wellington south coast

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.8	7
Napier	4.6	8
Gisborne	5.2	9

\*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-Mar-87	30 (N)	28 (SW)	
04-Mar-87	65 (S)	61 (SW)	121 (S)
05-Mar-87	65 (S)	74 (SW)	96 (S)
06-Mar-87	48 (SW)	43 (SW)	61 (S)

**Impact Area**

Wellington

**Impacts and Damages**

- Debris thrown over southern end of Moa Point Road
- Some friendship flights cancelled at airport
- Heavy seas off south coast stopped all Cook Strait ferries

**Data Source**

- 1 Gale Causes Havoc....: Gisborne Herald, 5/03/1986, p12
- 2 Wind Raises Roofs, Stops Ferry: Evening Post, 5/03/1987, p40
- 3 Gale Disrupts Ferry Sailings: Evening Post, 4/03/1987, p1