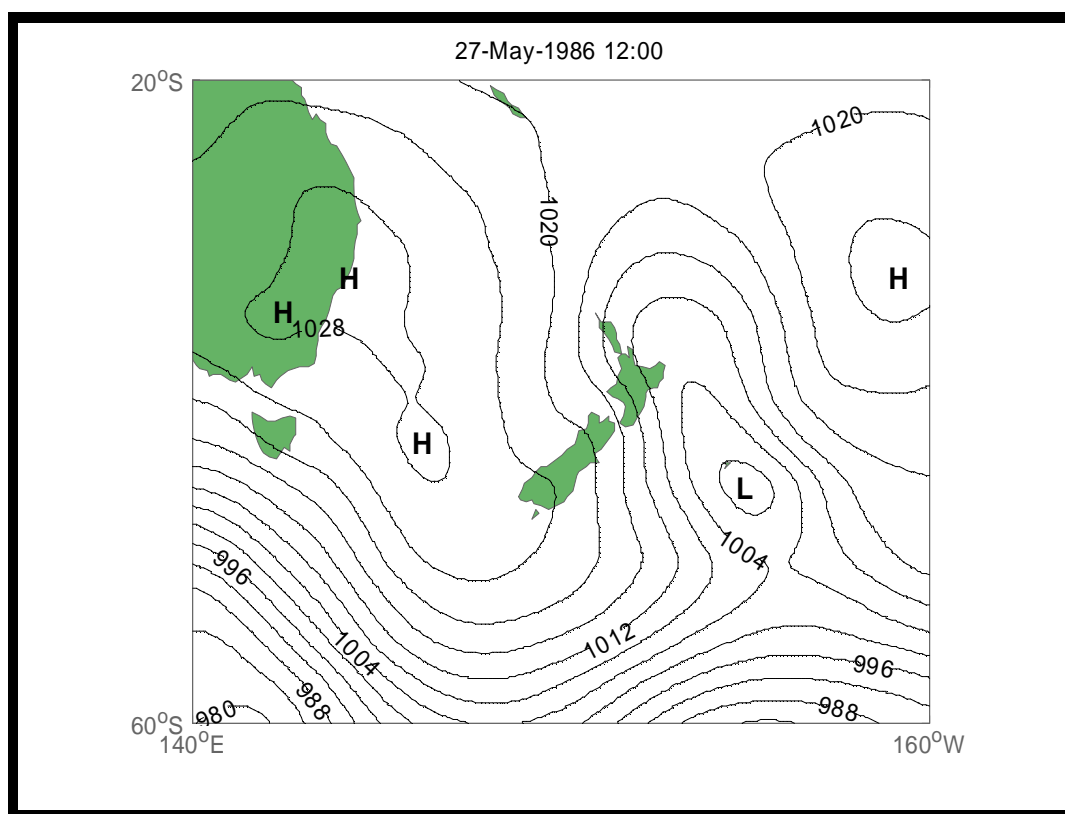


Coastal Storm Database - Event Summary

Date: 27 May 1986	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): 6
Location: Gisborne/Wellington	Wellington Duration (Hours): -
Origin: Tasman Sea	Pressure Gradient: S to SSE
Type: East Coast Low	



Synoptic Conditions

A closed cyclone formed east of Tasmania and travelled eastward across the North Island. On the 27th the cyclone sat over the Chatham Islands and covered the North Island. At the same time an intense anticyclone in the north Tasman sea spread a ridge to the SE and over the South Island. Between these weather systems a strong S to SSE airstream swept over the eastern North Island. Furthermore, the cyclone was sandwiched between two anticyclones. The cyclone then moved away to the southeast and the large trough that remained east of NZ maintained the flow over the upper eastern North Island.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.8	6
Napier	3.3	7
Gisborne	4.1	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
27-May-86	72 (S)	78 (S)	106 (S)

Impact Area

Gisborne
Wellington

Impacts and Damages

- Berthing difficulty in harbour because of chopping conditions and high winds
- Debris washed over seawall at Lowry Bay and surface water over roads
- Trimaran ripped from mooring at Evans Bay

Data Source

- 1 Southerly Gale Rips Tri Free: Evening Post, 27/05/1986, p1
 - 2 [Picture - No Title]: Evening Post, 27/05/1986, p1
 - 3 [Picture - No Title]: Gisborne Herald, 29/05/1986, p1
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