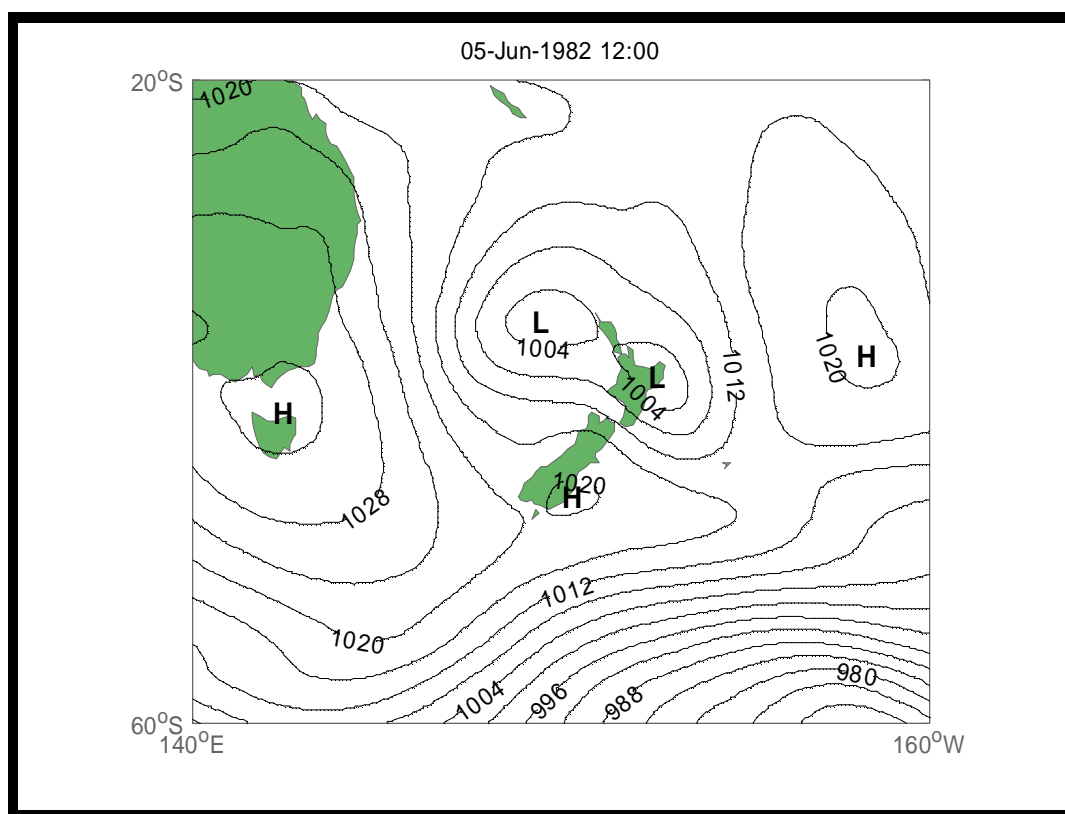


Coastal Storm Database - Event Summary

Date: 4-6 Jun 1982	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): 8
Location: Gisborne/Wellington	Wellington Duration (Hours): 57
Origin: Tasman Sea	Pressure Gradient: E to SE
Type: Tasman Sea Low	



Synoptic Conditions

A cyclone formed in the north Tasman sea west of North Cape. At this stage it was sandwiched between two anticyclones, and subsequently, its movement was limited. On its southern side, an easterly pressure gradient swept through the Cook Strait area. A trough then spread to the southeast over the eastern North Island and the flow was deflected to the SE over the lower North Island and Cook Strait area. The strong pressure gradient was enhanced by the presence of a ridge over the South Island. It wasn't till the 6th that the cyclone crossed Northland and a weaker SE flow spread along the eastern North Island.

Sea Conditions

High seas in Cook Strait

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.2	6
Napier	2.5	7
Gisborne	2.8	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

	Date	Gisborne	Napier	Wellington
	04-Jun-82	37 (N)	46 (SW)	98 (S)
	05-Jun-82	37 (W)	56 (W)	104 (S)
	06-Jun-82	78 (S)	67 (SW)	98 (S)

Impact Area

Gisborne
Wellington

Impacts and Damages

- Howling gale blew down tents
- Two ferry crossings cancelled

Data Source

- 1 Bad Weather Sees Ferries Disrupted: Dominion Post, 7/06/1982, p1
 - 2 Weather No Help: Gisborne Herald, 8/06/1982, p8
 - 3 Better Weather 'after holidays': Evening Post, 7/06/1982, p4
 - 4 Weather Hits Sport Badly: Evening Post, 5/06/1982, p3
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