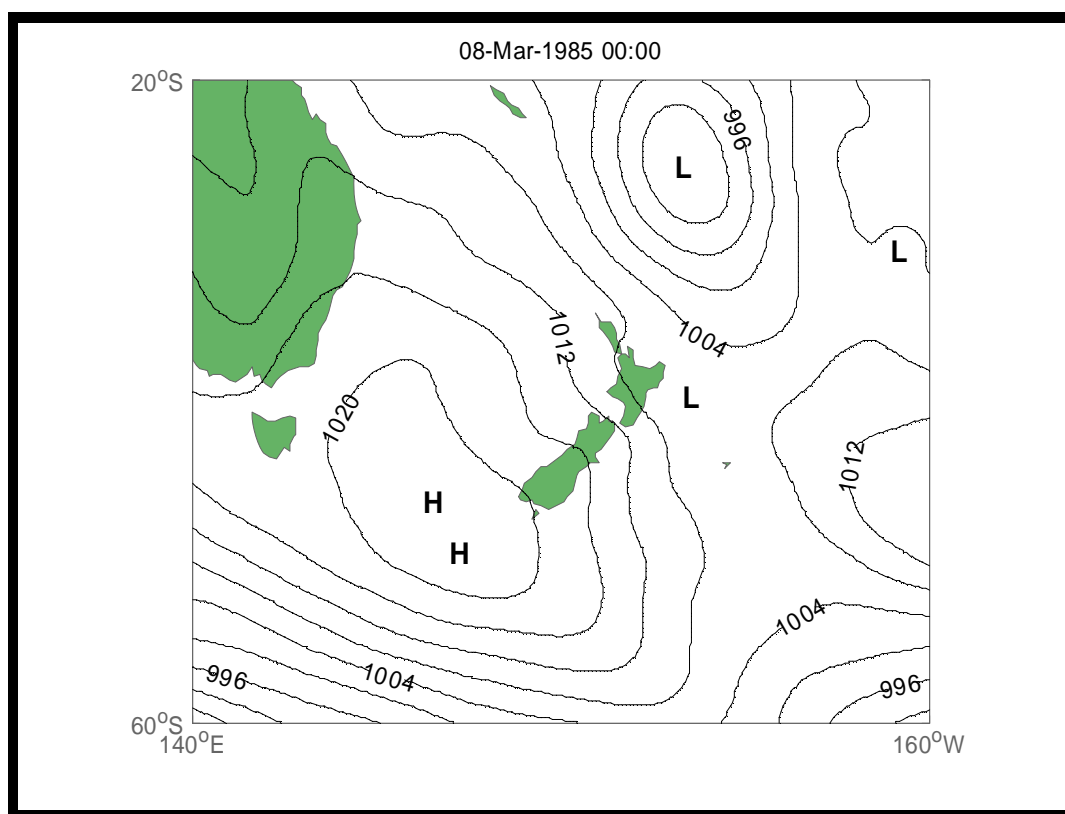


Coastal Storm Database - Event Summary

Date: 7-9 Mar 1985	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): 47
Origin: Subtropics	Pressure Gradient: S to SSE
Type: East Coast Low	



Synoptic Conditions

A large anticyclone moved into the south Tasman Sea and spread over NZ. The eastern quadrant of this anticyclonic contained a S to SSE airstream that affected the South Island and lower North Island. On the 8th a cyclone from the subtropics north NZ moved towards NZ and was off East Cape. The collision of this subtropical low with the anticyclone over NZ intensified the southerly airstream developed over the eastern North Island and continued on the 9th

Sea Conditions

Big seas at Gisborne

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.5	7
Napier	4.9	8
Gisborne	5.7	8

*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
07-Mar-85	30 (S)	45 (SW)	85 (S)
08-Mar-85	67 (S)	61 (SW)	83 (S)
09-Mar-85	67 (S)	76 (SW)	93 (S)

Impact Area

Gisborne

Impacts and Damages

- Waves reached Kaiti Beach Road
- Big seas and high tides left debris on lower end of Grey Street

Data Source

- 1 Summer Not Over Despite Cold Snap: Evening Post, 3/03/1985, p30
 - 2 Still Need for More: Gisborne Herald, 11/03/1985, p1
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