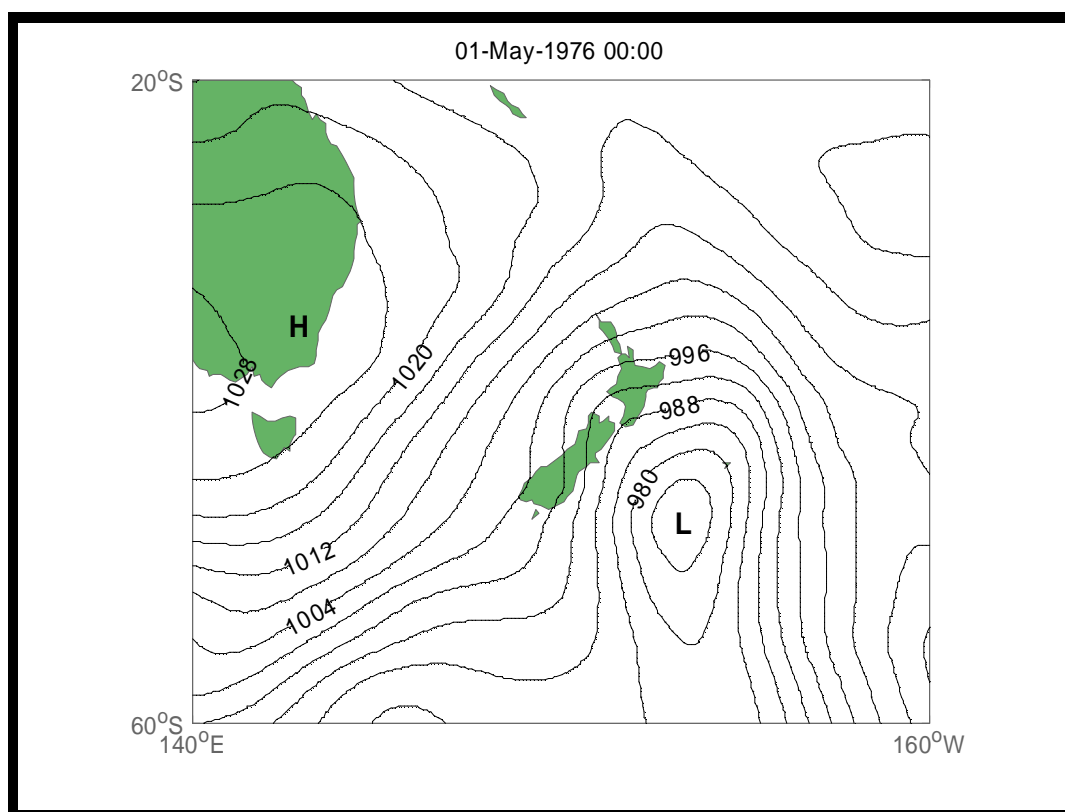


Coastal Storm Database - Event Summary

Date: **1-3 May 1976**
Event Type: **Wave**
Location: **Gisborne**
Origin: **Southern Ocean**
Type: **Trough**

Wind Direction:
Gisborne Duration (Hours): -
Wellington Duration (Hours): -
Pressure Gradient: **S**



Synoptic Conditions

A large trough from the southern ocean extended over NZ and developed a closed centre south of the Chatham Islands. On the 30th this cyclone was east of Steward Island and had a strong southerly airstream on its western side that swept over the eastern South Island. The strong flow continued on the 1st and early on the 2nd and was restricted to the area well south of NZ and over the ocean between eastern NZ and the Chatham Islands. This strong southerly flow generated the large waves on the Gisborne coast.

Sea Conditions

Waves estimated between 3-8m off Gisborne

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
01-May-76	52 (W)	52 (SW)	78 (S)
02-May-76	43 (SW)	43 (W)	74 (S)
03-May-76	41 (SW)	41 (SW)	35 (NE)

Impact Area

Gisborne

Impacts and Damages

- Swells estimated at 20-25ft (6-8m) near Tuahine Point
- Harbormaster estimated swells between 3-4m in Poverty Bay
- Big swells disrupting moored boats in harbour

Data Source

- 1 Tow Ends Mayday Drama in Wild Sea: Gisborne Herald, 4/05/1976, p1
 - 2 A Swell Night for Gisborne Boatmen: Gisborne Herald, 3/05/1976, p1
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