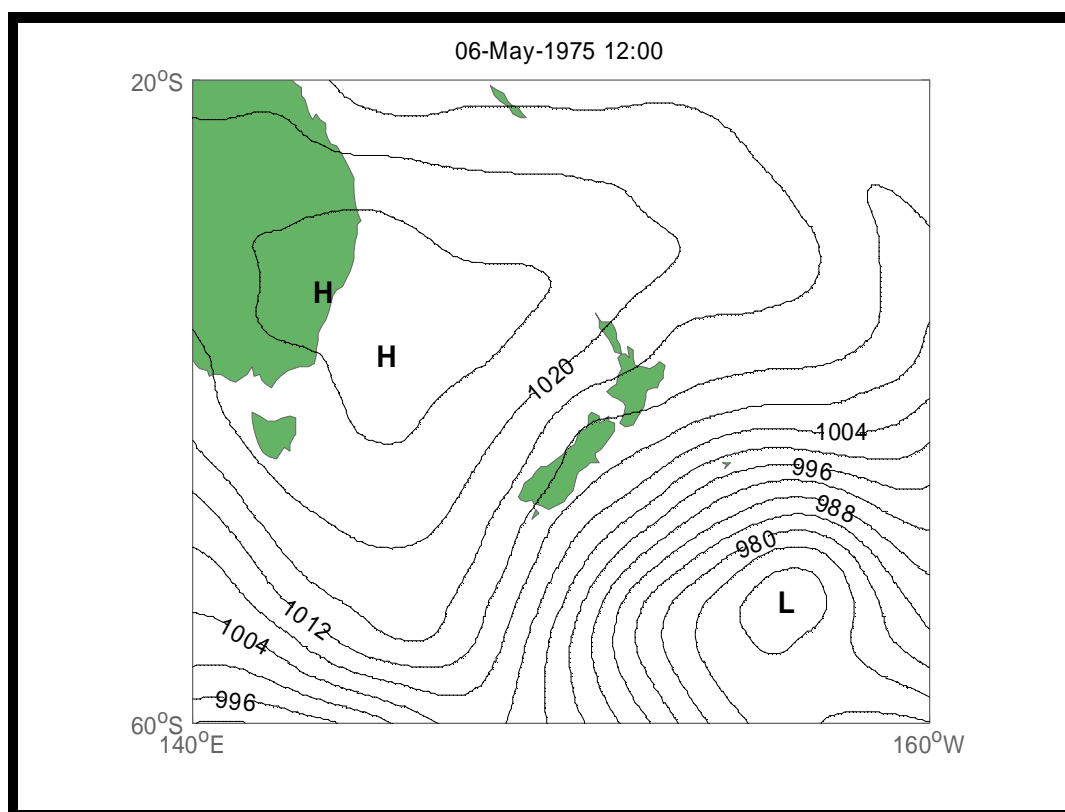


# Coastal Storm Database - Event Summary

Date: <b>6-7 May 1975</b>	Wind Direction:
Event Type: <b>Wave</b>	Gisborne Duration (Hours): -
Location: <b>Gisborne</b>	Wellington Duration (Hours): -
Origin: <b>Southern Ocean</b>	Pressure Gradient: <b>S to SW</b>
Type: <b>Trough</b>	



## Synoptic Conditions

A deep southern ocean cyclone eastward below NZ (along 60-65S) and extended a trough over the Chatham Islands. At the same time a large intense anticyclone occupied the Tasman sea. On the 5th a strong southerly airstream was created between 50 and 60S and was a weak SW over NZ. On the 6th this deep cyclone was near 50S southeast of the Chathams and a very strong S to SSE airstream on its western side was the generator of large waves that affected the Gisborne region.

## Sea Conditions

Large swell in Gisborne

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
06-May-75	45 (NW)	70 (W)	67 (S)
07-May-75	50 (SW)	32 (S)	80 (S)

## Impact Area

Gisborne

## Impacts and Damages

- Waves breaking across harbour entrance made departing from Port difficult; one vessel left Port because of surging
- Bad surge in Port caused one vessel to move vertically 10ft

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**Data Source**

- 1 Mayfield Riding Out Surge in Bay: Gisborne Herald, 8/05/1975, p1
  - 2 Wharf Taking Battering In Surge: Gisborne Herald, 7/05/1975, p1
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