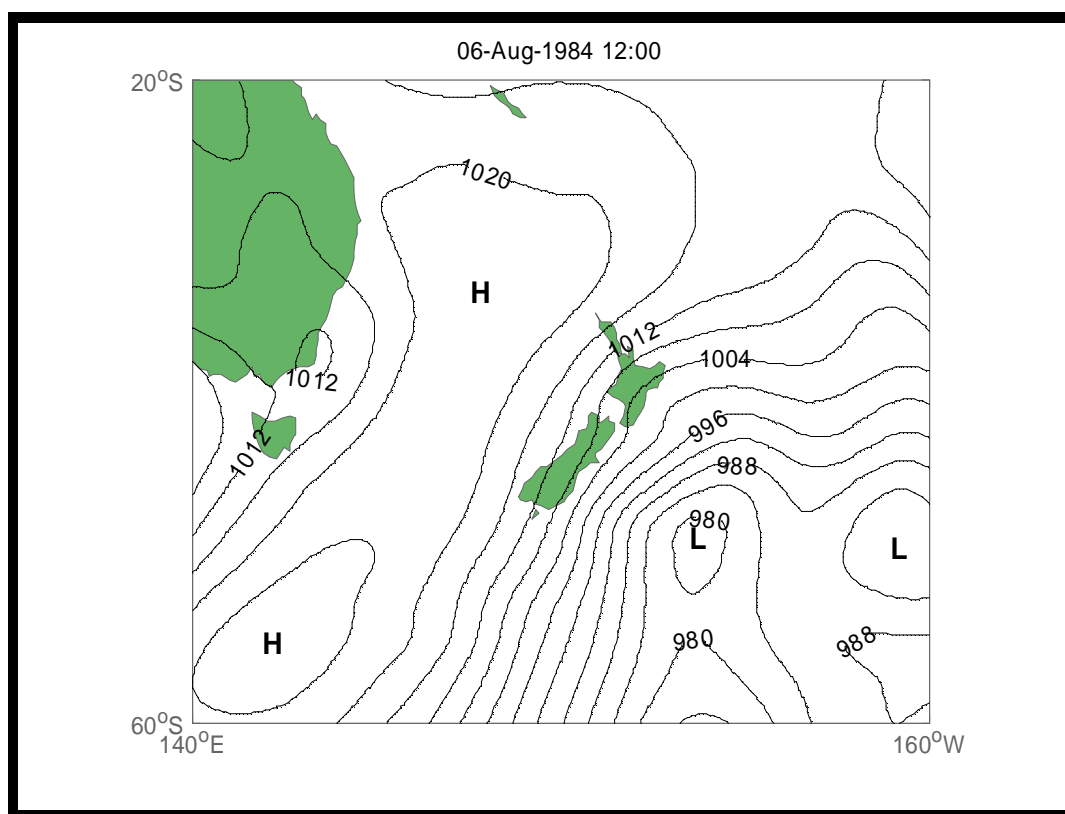


# Coastal Storm Database - Event Summary

Date: <b>6-7 Aug 1984</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>SSW</b>
Type: <b>Trough</b>	



## Synoptic Conditions

A large trough of low pressure extended northward over NZ and the Chatham Islands from the southern ocean. On the western side of the trough was a very strong SSW airstream extended from 60S northward to 45S. These strong winds over a large fetch generated the large swells that swept along the eastern coastline.

## Sea Conditions

4m swell in Gisborne

Measured wave heights off Gisborne reached just over 3m; sustained over 2m for up to 4days

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	4.9	9
Napier	4.0	9
Gisborne	4.9	9

\*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
06-Aug-84	56 (SW)	72 (W)	83 (S)
07-Aug-84	33 (W)	35 (SW)	78 (S)

**Impact Area****Impacts and Damages**

Gisborne

- 
- One ship sent to sea from Port due to dangerous surge
- Harbourmaster said 4m swell in Gisborne, caused strong surge in harbour that snapped mooring lines

**Data Source**

- 1 Strong Surge Sends Ship to Sea: Gisborne Herald, 8/08/1984, p1