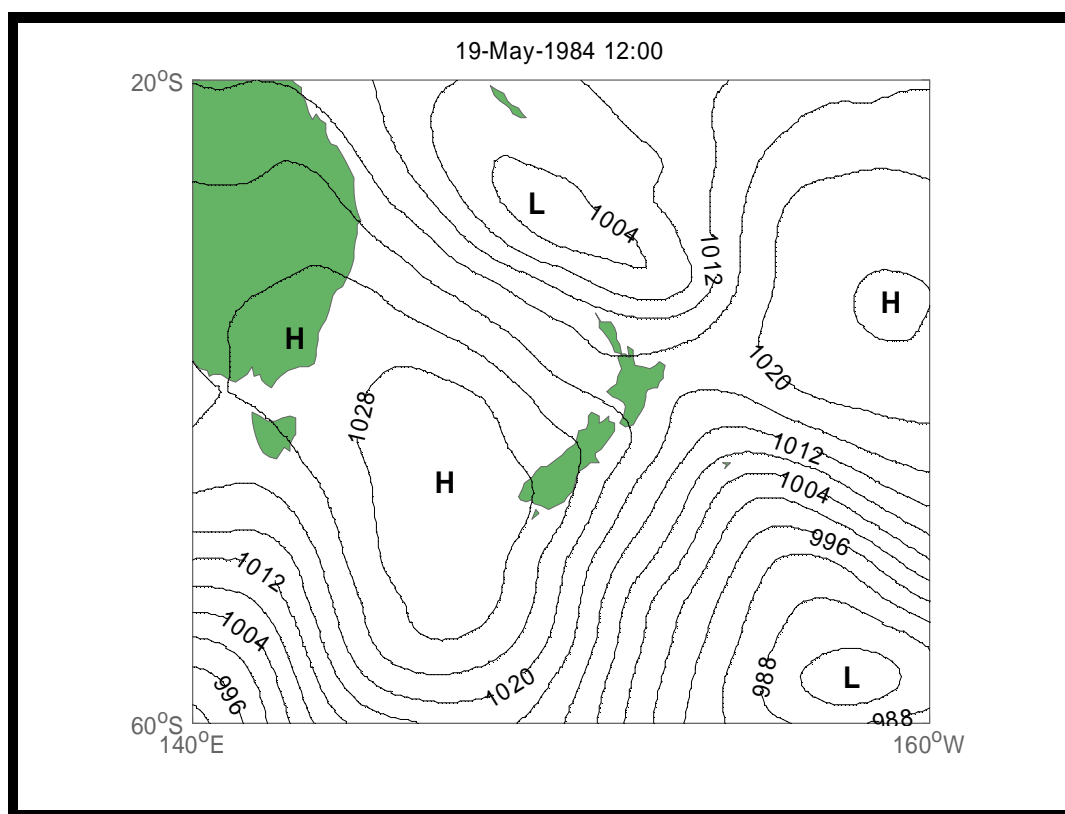


# Coastal Storm Database - Event Summary

Date: <b>19-20 May 1984</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind/Wave</b>	Gisborne Duration (Hours): <b>6</b>
Location: <b>Gisborne/Napier/Wellington</b>	Wellington Duration (Hours): <b>38</b>
Origin: <b>Southern Ocean</b>	Pressure Gradient: <b>S to SSE</b>
Type: <b>Trough</b>	



## Synoptic Conditions

A large, intense anticyclone occupied most of the Tasman Sea and South Island. To the east of this anticyclone was a trough of low pressure from the southern ocean and there was another cyclone north of North Cape. Between the anticyclone and trough east of NZ a strong S to SSW airstream was created and swept over eastern NZ. The flow later turned to a weaker SSE as the anticyclone moved eastward.

## Sea Conditions

Mountainous seas off Wairoa-Napier coast  
Significant wave heights at Gisborne reached 3m

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	4.0	8
Napier	3.7	8
Gisborne	4.0	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
19-May-84	52 (S)	59 (SW)	93 (S)
20-May-84	80 (S)	46 (S)	113 (S)

**Impact Area**

Wairoa

**Impacts and Damages**

- No commercial fisherman left Port
- Mountainous seas off Wairoa coast
- Yachts torn from mooring at Evans Bay and washed ashore

Wellington

**Data Source**

- 1 Casualty of High Winds: Dominion Post, 21/05/1984, p3
  - 2 Yacht is Quiet on Mystery of Owner: Gisborne Herald, 22/05/1984, p1
  - 3 Air Searches Called Off: Evening Post, 22/05/1984, p3
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