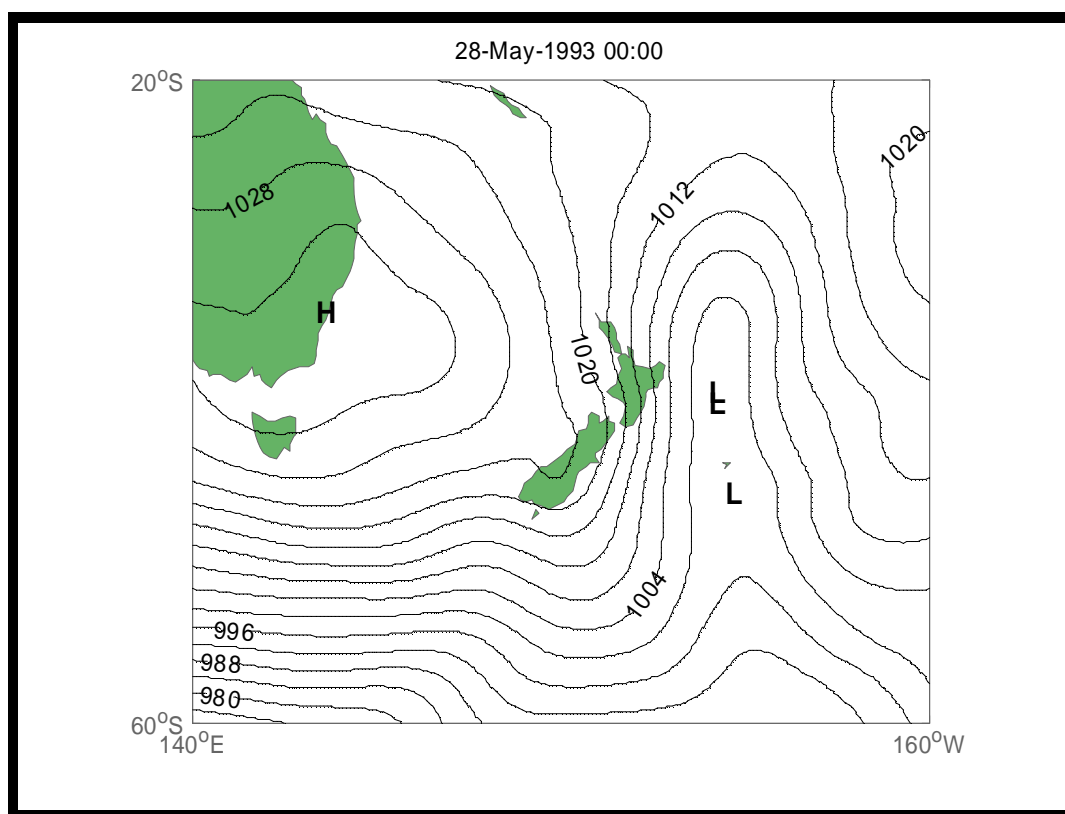


# Coastal Storm Database - Event Summary

Date: <b>27-28 May 1993</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind/Wave</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Gisborne/Wellington</b>	Wellington Duration (Hours): <b>20</b>
Origin: <b>Southern Ocean</b>	Pressure Gradient: <b>S to SSW</b>
Type: <b>Trough</b>	



## Synoptic Conditions

A trough of low pressure passed over NZ and on the 27th was over the Chatham Islands and covered the North Island. At the same time, a large intense anticyclone occupied the Tasman sea and extended onto the South Island. Between the trough and ridge a very strong southerly airstream swept over the eastern coast of NZ. The trough then developed into a closed cyclone east of the Chatham Islands, and given the eastward movement of the anticyclone, the strong southerly continued to sweep over the eastern North Island and veered more to the SW.

Storm Type Sequence: trough - east coast low

## Sea Conditions

Estimated 4.5m swells on Wellington south coast

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	5.0	8
Napier	4.2	8
Gisborne	5.2	8

\*Highest Significant Wave Height

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**Impact Area**

Gisborne  
Wellington

**Impacts and Damages**

- Power outages in city and tree's toppled
- Trawler battled huge seas off south coast; waves estimated at 4-5m and zero visibility
- Fishing boats driven ashore at Island Bay by gale-force winds

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**Data Source**

- 1 Injured Teenager Lifted off Trawler: Gisborne Herald, 31/05/1993, p14
  - 2 Storm Cuts Power to Wide Area: Gisborne Herald, 28/05/1993, p14
  - 3 Fishing Boat Swept Ashore in Storm: Evening Post, 28/05/1993, p2
  - 4 Apalling Weather Closes Desert Road: Dominion Post, 28/05/1993, p3
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