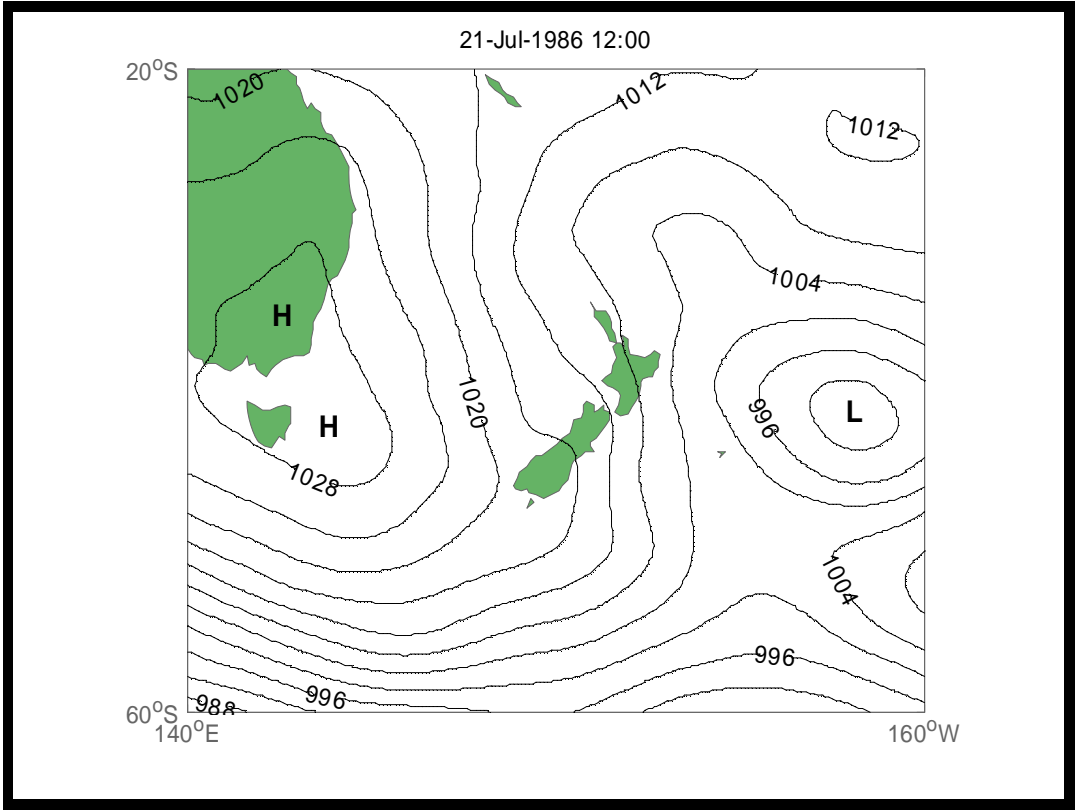


# Coastal Storm Database - Event Summary

Date: <b>21-22 Jul 1986</b>	Wind Direction:
Event Type: <b>Wind</b>	Gisborne Duration (Hours): -
Location: <b>Napier</b>	Wellington Duration (Hours): -
Origin: <b>Subtropics</b>	Pressure Gradient: <b>E to ESE</b>
Type: <b>Cyclone-Anticyclone Pair</b>	



### Synoptic Conditions

A cyclone from the subtropics moved southward east of NZ but never actually affected the North Island. During this time an intense anticyclone was moving eastward south of the Chatham Islands. Between these two systems, a strong E to ESE airstream developed over the coean area east of the North Island. This situation was responsible for the the large swells experienced off the Napier coast. Furthermore, as the cyclone moved closer to the Chatham Islands, another anticyclone near Tasmania moved into the Tasman Sea, and between these features, a S to SSE airstream spread over the eastern North Island.

### Sea Conditions

Estimated 3m swells off Napier  
Measured 3-4m swell off Napier from hindcast records  
Measured 3-3.5m swell off Gisborne from hindcast records

### Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.2	7
Napier	3.3	7
Gisborne	3.6	7

\*Highest Significant Wave Height

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**Maximum Wind Gusts (kph and dir)**

Date	Gisborne	Napier	Wellington
21-Jul-86	41 (SW)	59 (S)	87 (S)
22-Jul-86	43 (S)	45 (SW)	76 (S)

**Impact Area**

Napier

**Impacts and Damages**

- Rescue team hampered by 3m swells and squally winds off Napier

**Data Source**

- 1 Strickent Boat Under Tow: Evening Post, 22/07/1986, p2
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