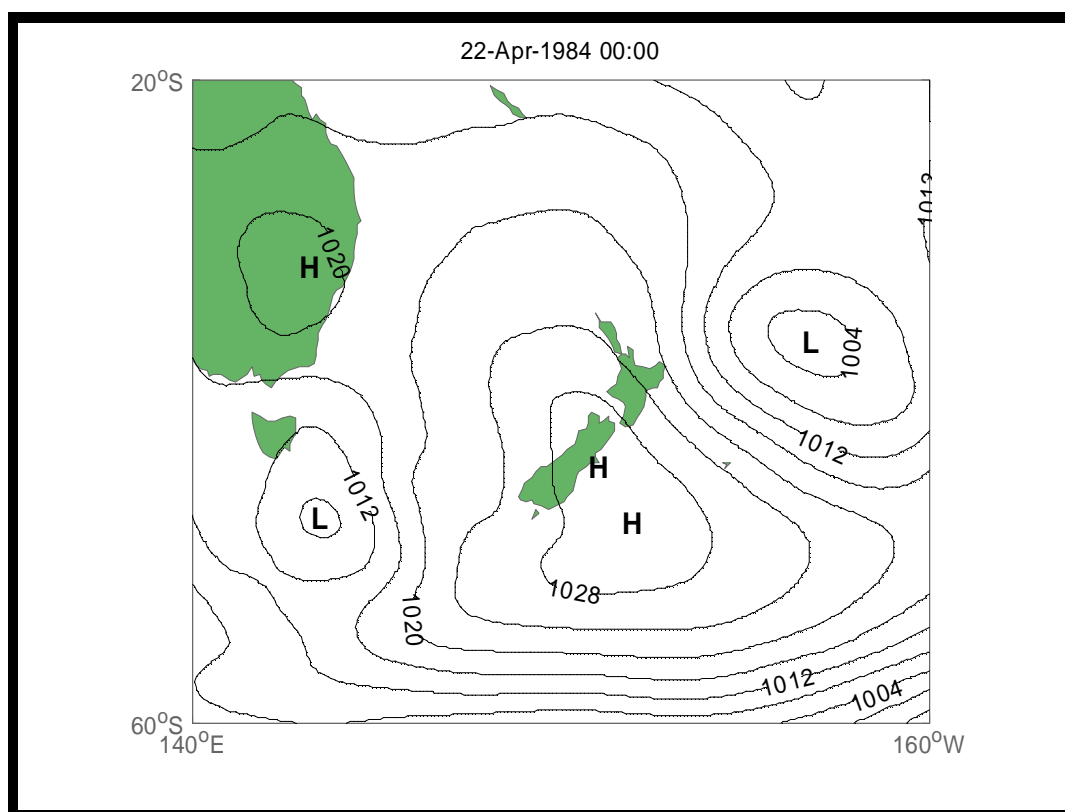


# Coastal Storm Database - Event Summary

Date: <b>21 Apr 1984</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind/Wave</b>	Gisborne Duration (Hours): <b>6</b>
Location: <b>Gisborne</b>	Wellington Duration (Hours): <b>-</b>
Origin: <b>Southern Ocean</b>	Pressure Gradient: <b>SSE to SE</b>
Type: <b>Cyclone-Anticyclone Pair</b>	



## Synoptic Conditions

An intense anticyclone off the Canterbury-Otago coast occupied the entire NZ region. A subtropical low from northeast of East Cape moved southward towards this anticyclone and an east to SE airstream developed off the eastern North Island but never created strong winds over the eastern North Island between the 18th and 19th. On the 21st, however, a new anticyclone had moved onto the South Island and collided with the cyclone east of East Cape and created a SSE airstream over the eastern North Island and remained SE through to the 22nd.

## Sea Conditions

Measured wave heights off Gisborne reached 4m; waves sustained over 3m for upto 3 days

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.1	9
Napier	3.7	11
Gisborne	3.8	8

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

	Date	Gisborne	Napier	Wellington
	21-Apr-84	65 (S)	56 (SW)	74 (S)
<b>Impact Area</b>	<b>Impacts and Damages</b>			
Gisborne	<ul style="list-style-type: none"> <li>Waves measured up to 4m and sustained over 3m for nearly 3 days</li> </ul>			