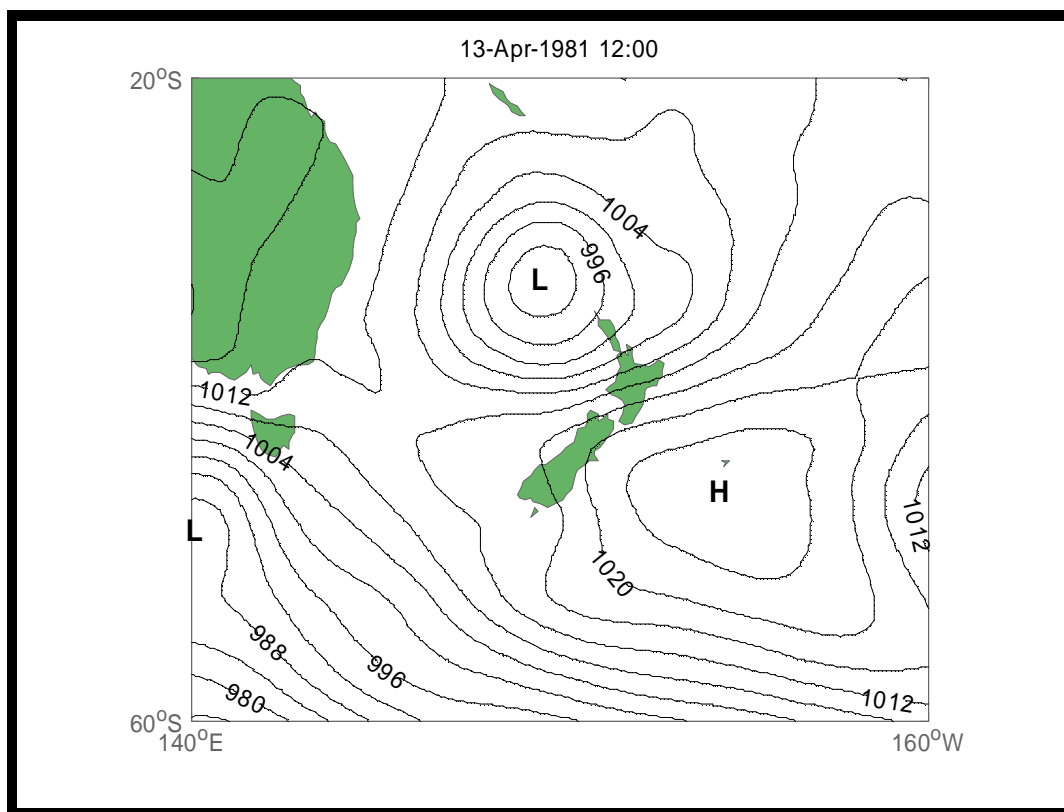


# Coastal Storm Database - Event Summary

Date: <b>13-14 Apr 1981</b>	Wind Direction:
Event Type: <b>Wave/Erosion</b>	Gisborne Duration (Hours): -
Location: <b>Gisborne</b>	Wellington Duration (Hours): -
Origin: <b>Subtropics</b>	Pressure Gradient: <b>NE to ENE</b>
Type: <b>Anticyclonic</b>	



## Synoptic Conditions

A cyclone developed just northwest of North Cape from a trough of a passing southern ocean cyclone. At the same time a large intense anticyclone covered the Chatham Islands. Between these two systems a strong NE to ENE pressure gradient swept over the entire eastern North Island

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	5.0	8
Napier	5.0	9
Gisborne	5.6	9

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
13-Apr-81	67 (E)	72 (E)	76 (S)
14-Apr-81	70 (E)	65 (E)	50 (NE)

## Impact Area

## Impacts and Damages

Impact Area	Impacts and Damages
Gisborne	<ul style="list-style-type: none"> <li>● Large waves at southern end of Wainui Beach overtopped the rock wall</li> <li>● Wave-recorder buoy in Poverty Bay broke mooring and washed up on beach; anchored ~5km out in Poverty Bay</li> <li>● Minor flooding around city; mostly related to blocked stormwater pipes</li> <li>● Strong winds brought down some tree's</li> </ul>
Eastern Coromandel	<ul style="list-style-type: none"> <li>● Heavy seas of Major Island</li> <li>● Whitianga battered by high winds, 6 houses at Hahei lost roofs, and one house at Otama Beach destroyed</li> </ul>
<b>Data Source</b>	
1	Tiny Township all but Washed Away: Evening Post, 14/04/1981, p1
2	Lost Buoy Found by Beachcomber: Gisborne Herald, 15/04/1981, p12
3	District Let off Lightly: Gisborne Herald, 14/04/1981, p1
4	Storm Lets Gisborne Off Lightly: Gisborne Herald, 13/04/1981, p1