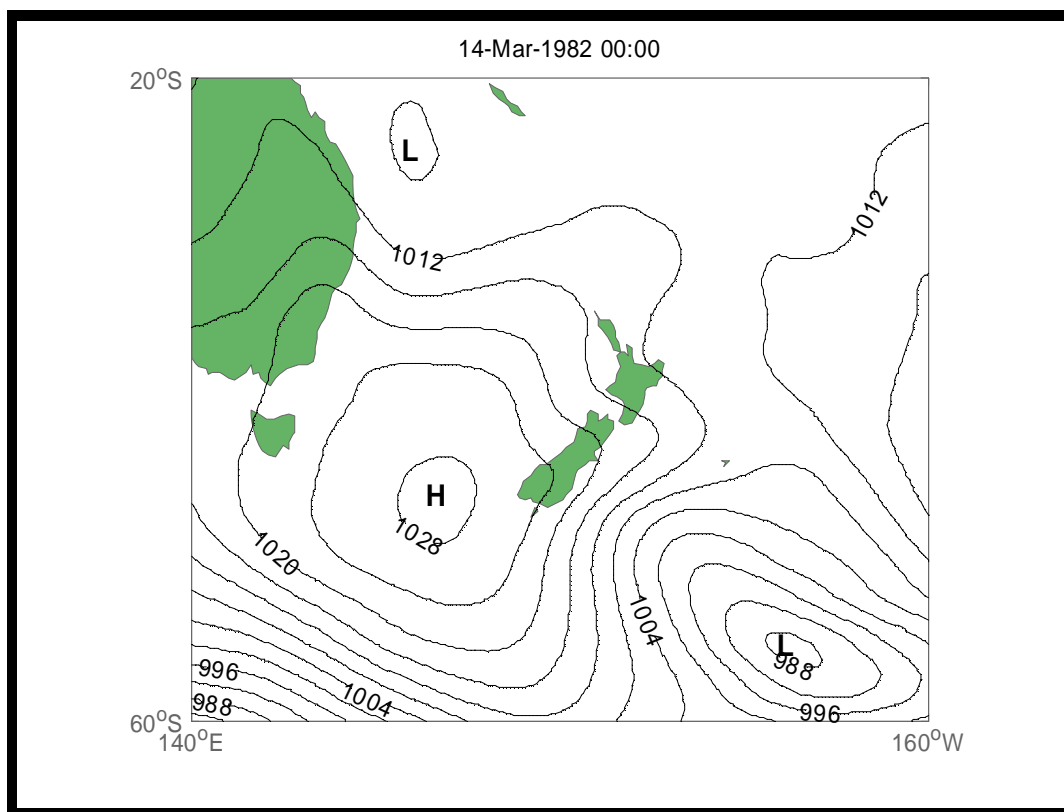


# Coastal Storm Database - Event Summary

Date: <b>14-15 Mar 1982</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>35</b>
Origin: <b>Southern Ocean</b>	Pressure Gradient: <b>S to SSW</b>
Type: <b>Trough</b>	



## Synoptic Conditions

An anticyclone in the south Tasman sea covered most of NZ and collided with a trough from the southern ocean that was over the Chatham Islands. This generated a southerly airstream off eastern NZ on the 13th and 14th; however a strong pressure gradient was observed over NZ.

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.7	7
Napier	3.3	7
Gisborne	4.2	7

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
14-Mar-82	52 (S)	57 (S)	82 (S)
15-Mar-82	57 (S)	48 (S)	82 (S)