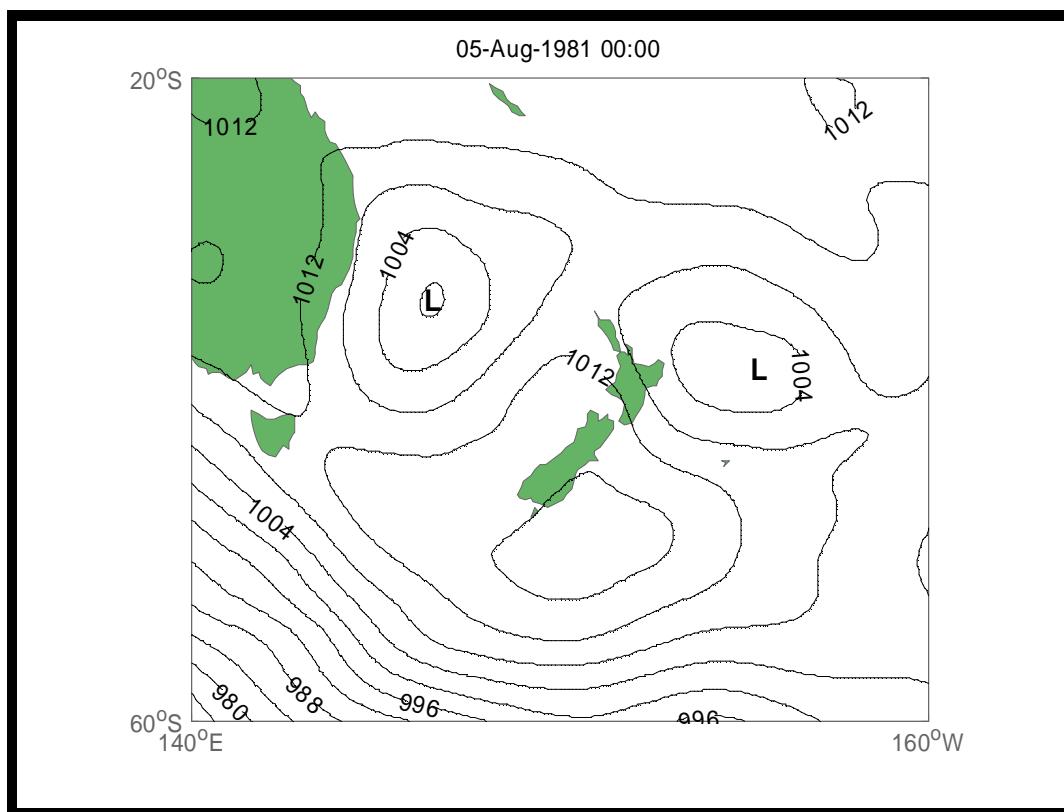


# Coastal Storm Database - Event Summary

Date: <b>4-5 Aug 1981</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>31</b>
Origin: <b>Southern Ocean</b>	Pressure Gradient: <b>SE</b>
Type: <b>Cyclone-Anticyclone Pair</b>	



## Synoptic Conditions

A cyclone developed north of the Chathams from the remnants of an earlier trough from the southern ocean. At the same time an anticyclone was south of NZ and covered the South Island. Between these two features a SE airstream developed and swept through Cook Strait and over the eastern North Island.

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.7	6
Napier	3.0	6
Gisborne	3.0	7

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
04-Aug-81	45 (W)		80 (S)
05-Aug-81	65 (S)		67 (S)