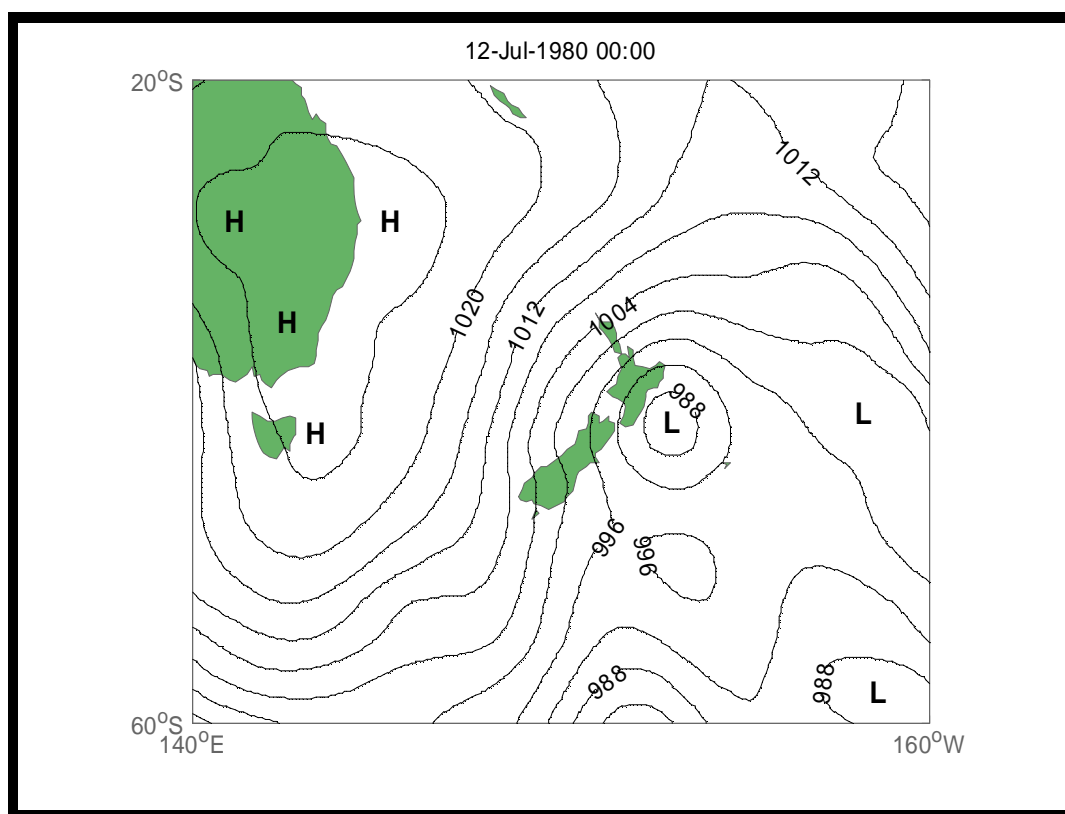


# Coastal Storm Database - Event Summary

Date: <b>11-12 Jul 1980</b>	Wind Direction: <b>SW</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>16</b>
Origin: <b>Southern Ocean</b>	Pressure Gradient: <b>S to SSW</b>
Type: <b>East Coast Secondary Low</b>	



## Synoptic Conditions

A secondary cyclone from the southern ocean formed off the east coast of NZ and had a strong SSW flow in its wake over eastern NZ. A large intense anticyclone in the Tasman sea strengthened the pressure gradient with its eastward movement.

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	5.3	9
Napier	4.0	10
Gisborne	5.2	9

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
11-Jul-80	59 (NW)	45 (NW)	83 (S)
12-Jul-80	87 (SW)	80 (SW)	119 (SW)