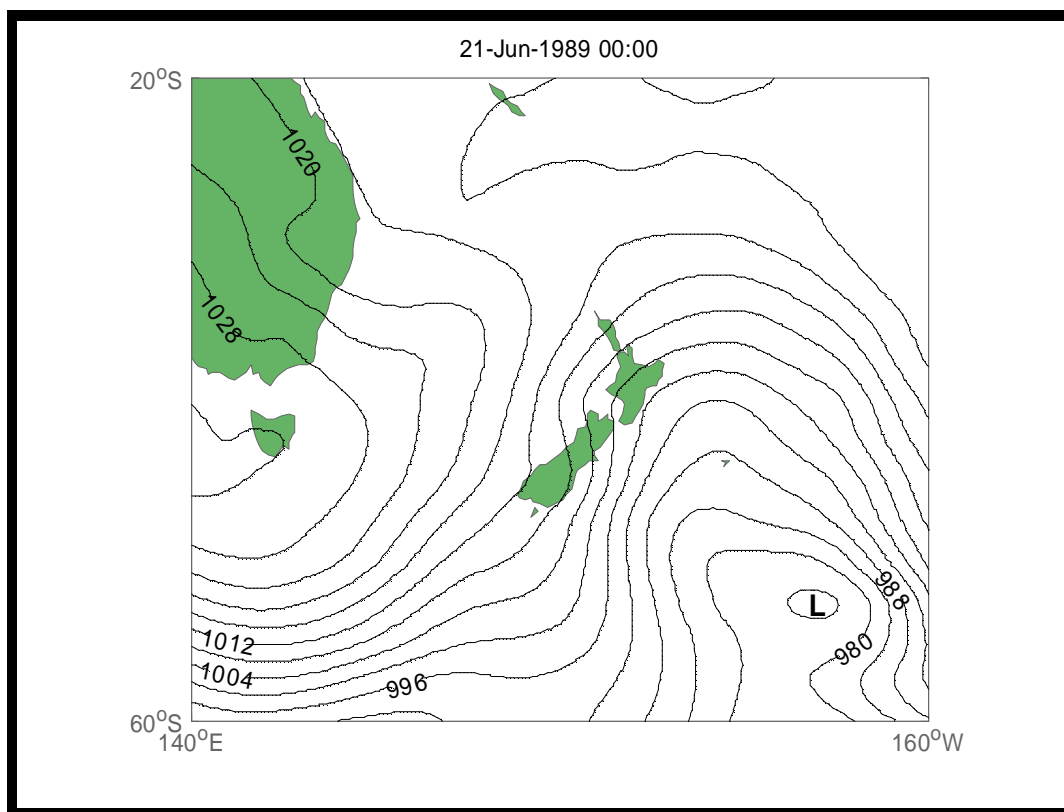


# Coastal Storm Database - Event Summary

Date: <b>20-21 Jun 1989</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>15</b>
Origin: <b>Southern Ocean</b>	Pressure Gradient: <b>S to SSW</b>
Type: <b>Trough</b>	



## Synoptic Conditions

A trough of low pressure passed through the Tasman sea and on the 20th completely covered NZ. On its western side was a strong S to SSW airstream that swept through the Cook Strait area and later moved up the eastern North Island until ridge of high pressure spread onto NZ on the 21st.

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.7	7
Napier	4.1	8
Gisborne	5.5	9

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
20-Jun-89	54 (NW)		95 (S)
21-Jun-89	76 (SW)	56 (S)	104 (S)