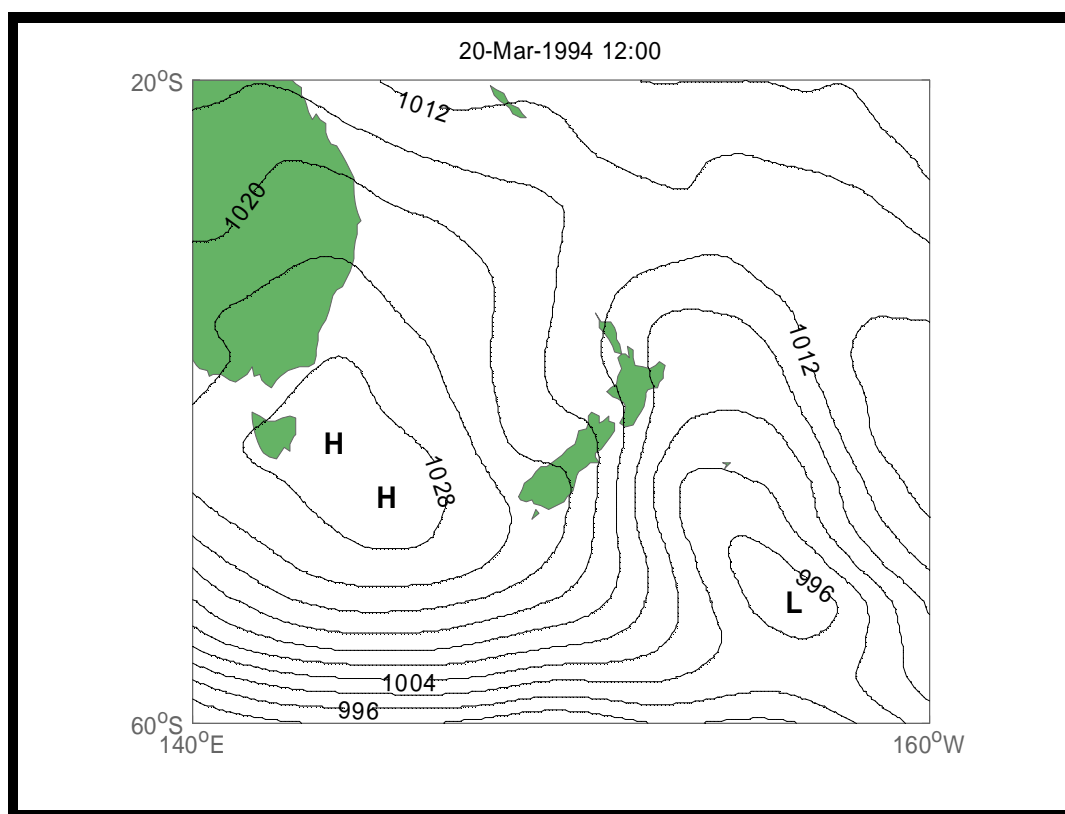


# Coastal Storm Database - Event Summary

Date: <b>20-21 Mar 1994</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>40</b>
Origin: <b>Tasman Sea</b>	Pressure Gradient: <b>S to SSW</b>
Type: <b>Trough</b>	



## Synoptic Conditions

A cyclone developed west of Cook Strait and then moved southeast-ward across NZ. On the 20th this cyclone was well south of the Chatham Islands but its northward trough covered most of the North Island. At the same time a large intense anticyclone south of Tasmania spread a ridge over the South Island. Between these two systems a southerly airflow developed and swept through the Cook Strait area.

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	5.0	8
Napier	3.8	8
Gisborne	4.6	8

\*Highest Significant Wave Height