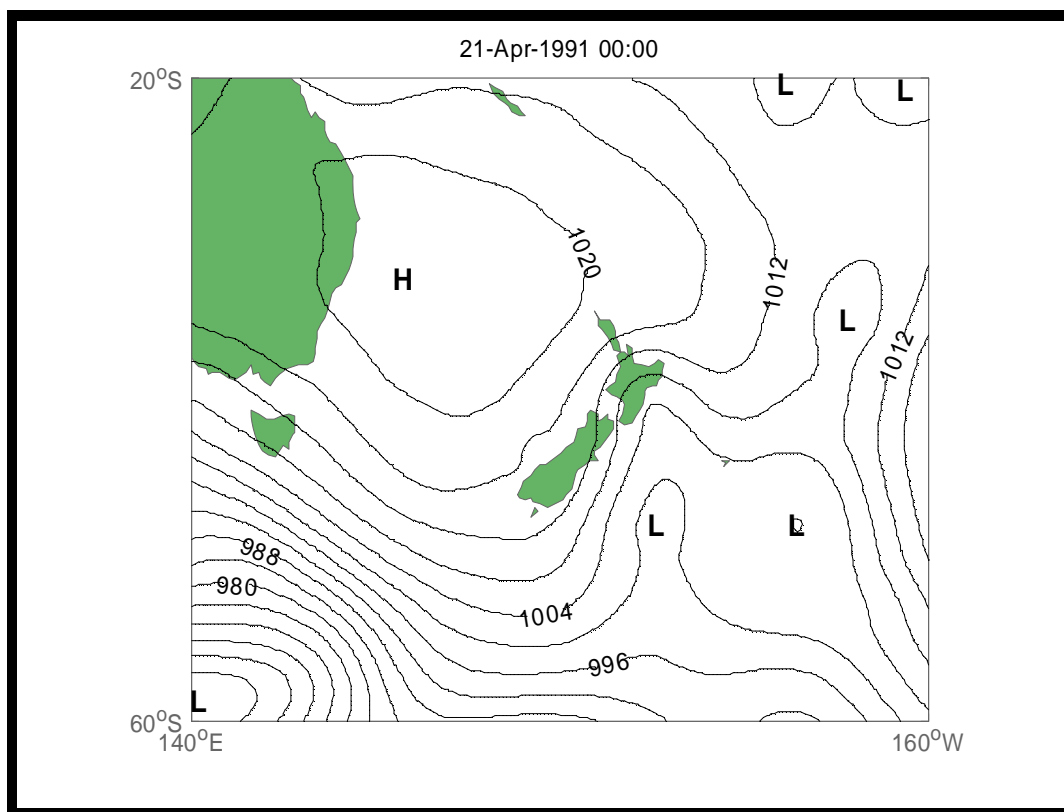


Coastal Storm Database - Event Summary

Date: 20-22 Apr 1991	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 27
Origin: Southern Ocean	Pressure Gradient: S to SSW
Type: Trough	



Synoptic Conditions

A trough spread over NZ and the Chatham Islands on the 20th and had a large anticyclone on its western side. Between these two features a strong S to SSW flow swept through Cook Strait.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.2	7
Napier	2.9	8
Gisborne	3.7	8

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
20-Apr-91	43 (NW)		93 (N)
21-Apr-91	56 (SW)		93 (S)
22-Apr-91	26 (NW)		50 (S)