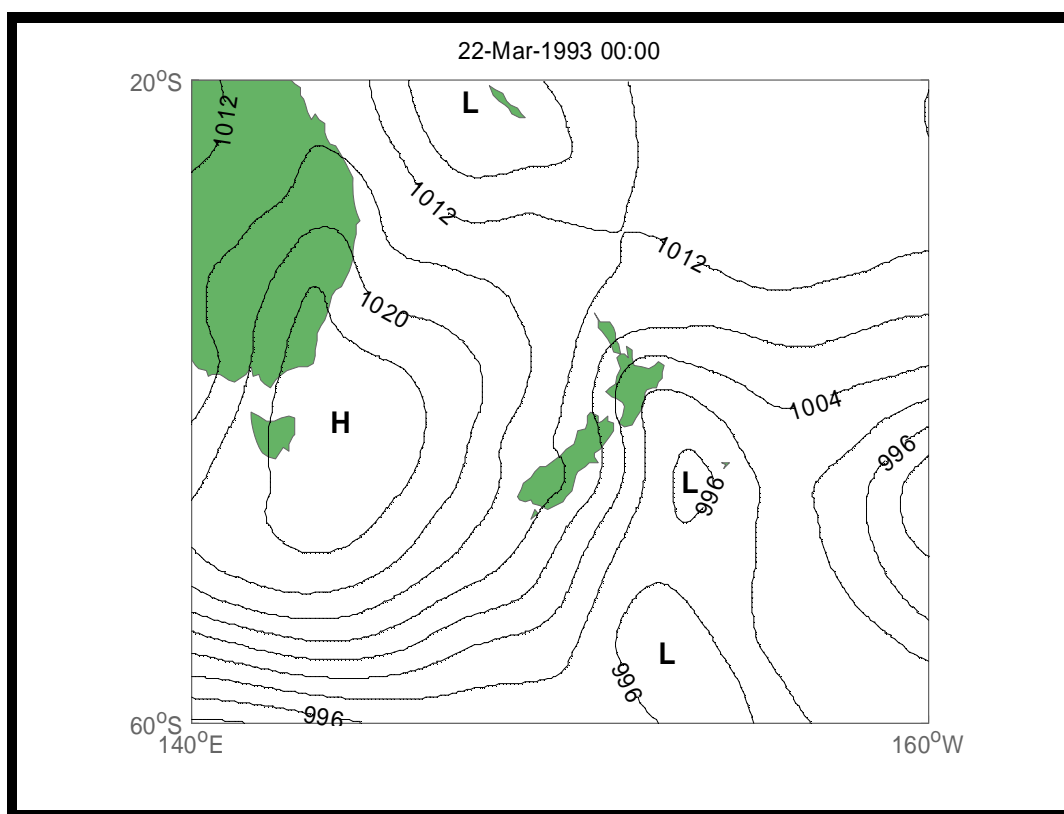


Coastal Storm Database - Event Summary

Date: 21-23 Mar 1993	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 33
Origin: Eastern NZ	Pressure Gradient: S to SW
Type: East Coast Secondary Low	



Synoptic Conditions

A trough from the southern ocean moved across NZ and developed into a closed cyclone over the Chatham Islands. On the 21st this cyclone was over the Chatham Islands and had a large anticyclone on its western side spreading onto NZ. Between these systems a strong S to SSW airstream was created in the Cook Strait area.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	4.1	8
Napier	4.0	8
Gisborne	5.3	8

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
21-Mar-93			76 (S)
22-Mar-93			85 (S)
23-Mar-93			57 (S)

