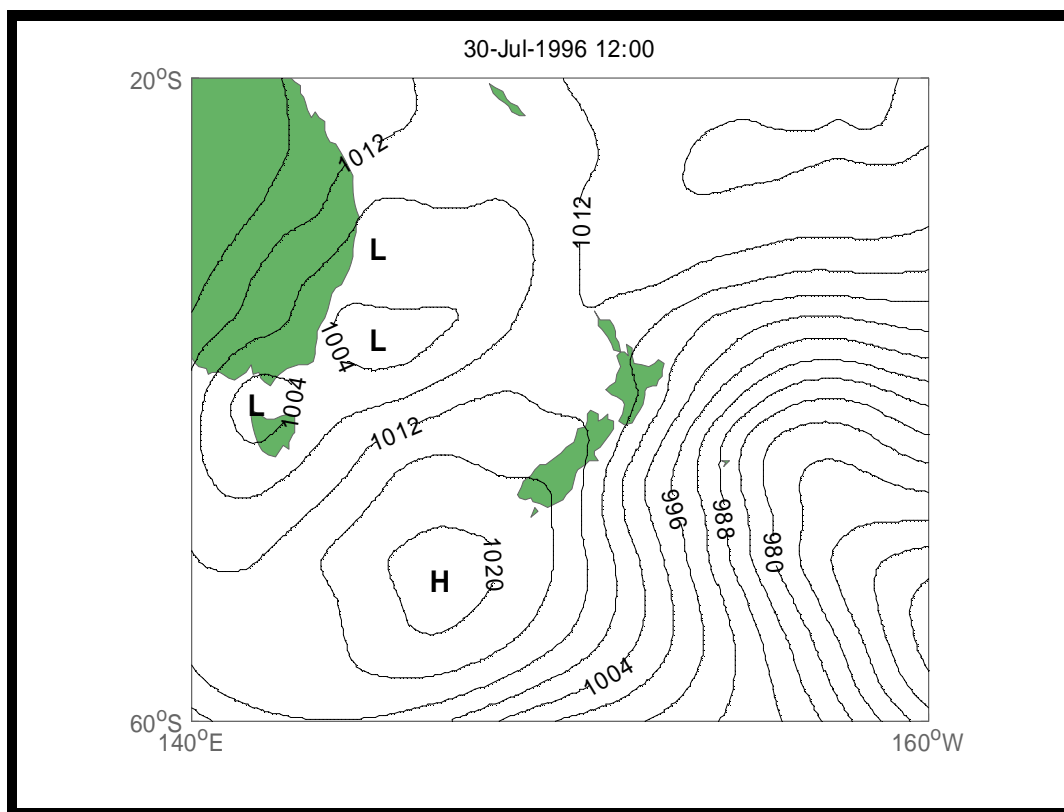


Coastal Storm Database - Event Summary

Date: 30-31 Jul 1996	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 31
Origin: Southern Ocean	Pressure Gradient: S to SSW
Type: Trough	



Synoptic Conditions

A large trough from the southern ocean moved northward over NZ on the 29th. At the same time a large anticyclone was south of the Tasman sea and covering western NZ. Between these features a strong S to SSW airstream developed and swept over eastern NZ; however, the strongest pressure gradient was over the ocean east of NZ.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	4.5	8
Napier	3.8	8
Gisborne	4.8	8

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
30-Jul-96			83 (S)
31-Jul-96			69 (S)