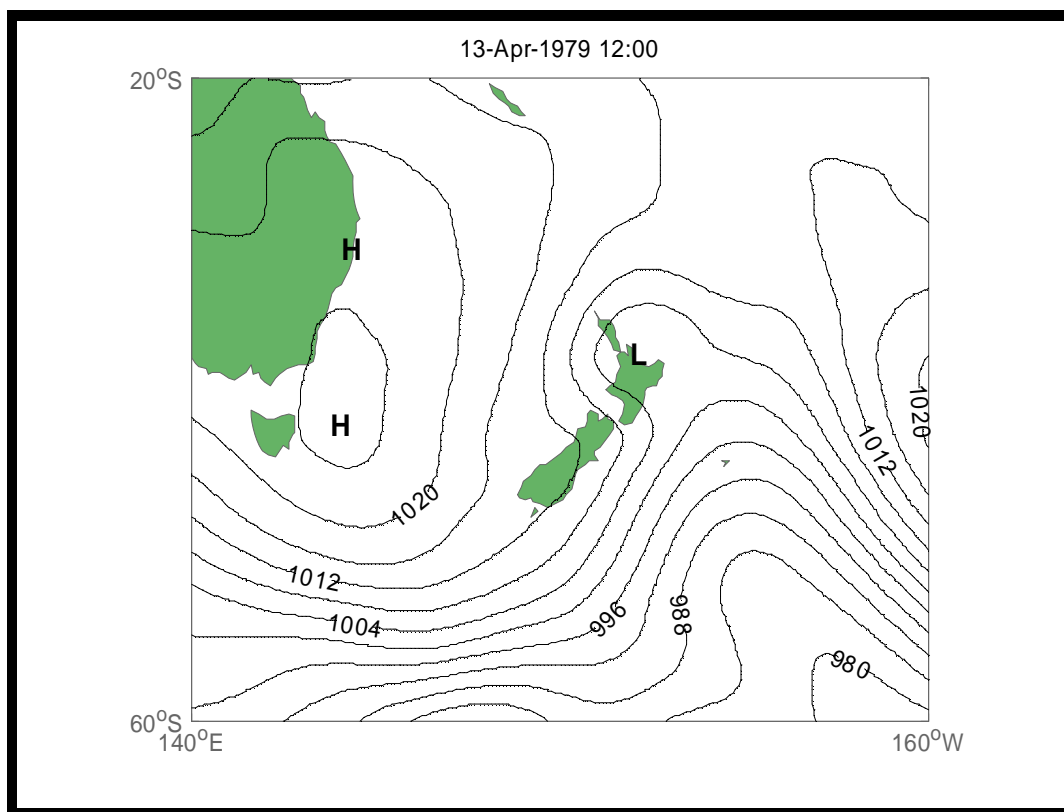


Coastal Storm Database - Event Summary

Date: 13-14 Apr 1979	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 25
Origin: Southern Ocean	Pressure Gradient: S to SSW
Type: Trough	



Synoptic Conditions

A large southern ocean trough moved across NZ and was embedded between two large anticyclones. On the 12th the western side of the trough developed a strong S to SSW airstream that swept through Cook Strait, and this flow weakened on the 13th.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.5	8
Napier	2.6	8
Gisborne	2.9	8

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
13-Apr-79	65 (S)	61 (S)	82 (S)
14-Apr-79	30 (S)	30 (W)	67 (S)