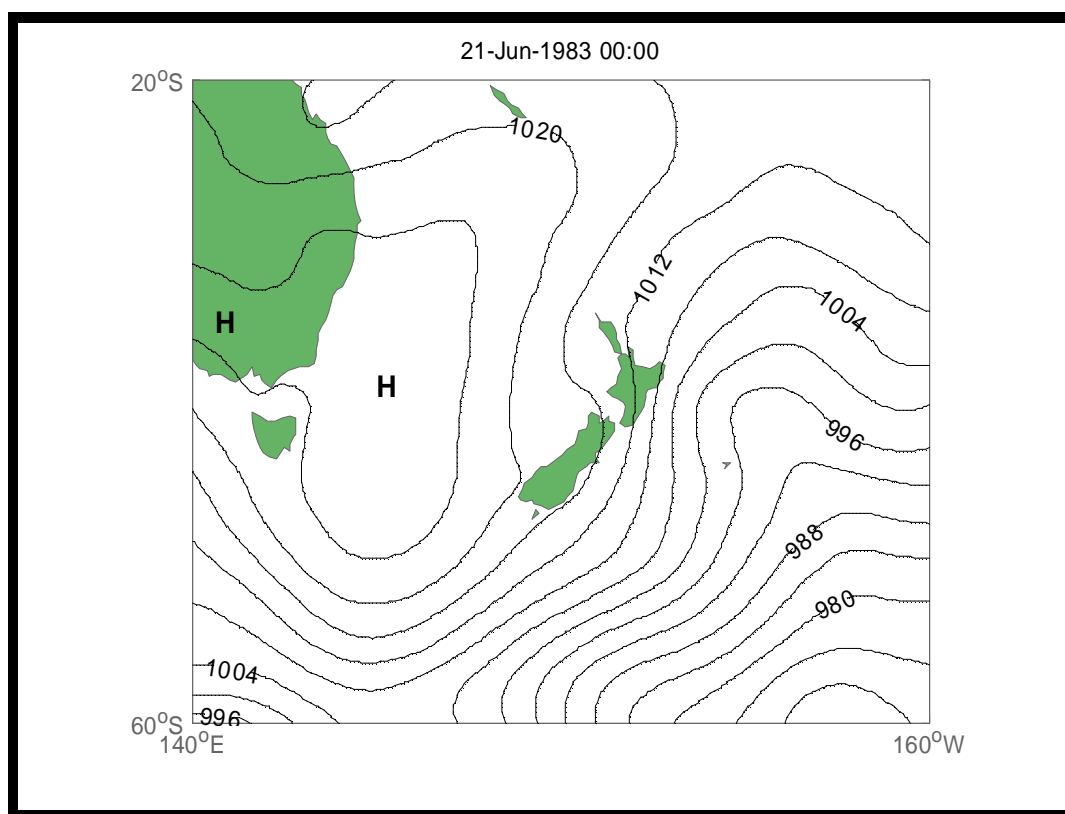


Coastal Storm Database - Event Summary

Date: 20-21 Jun 1983	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): 17
Origin: Southern Ocean	Pressure Gradient: S to SSW
Type: Trough	



Synoptic Conditions

An intense anticyclone occupied the Tasman Sea and covered western NZ. At the same time, a large trough of low pressure from the southern ocean covered the area from NZ to 160W. Between these two features, a strong S to SSW airstream swept over the eastern North Island.

Sea Conditions

Significant wave heights off Gisborne reached up to 3m

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.7	7
Napier	4.1	8
Gisborne	5.1	8

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
20-Jun-83	56 (SW)	65 (SW)	108 (S)
21-Jun-83	46 (SW)	56 (SW)	95 (S)

