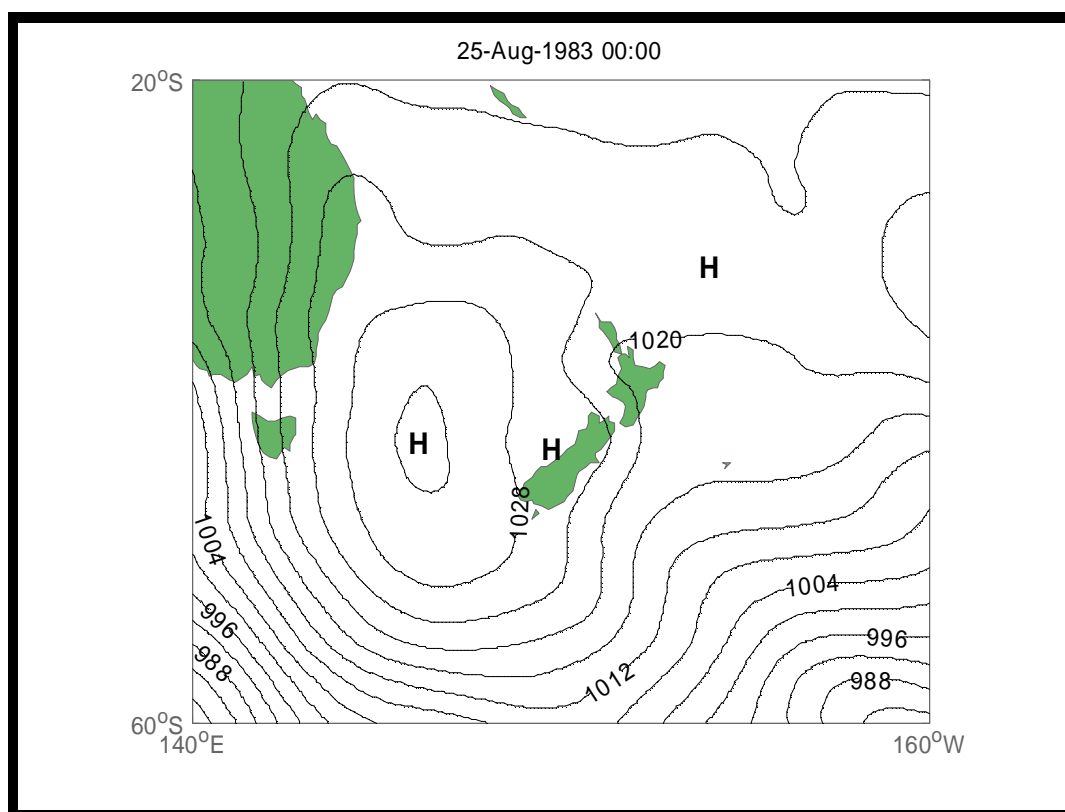


Coastal Storm Database - Event Summary

Date: 24-25 Aug 1983	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 35
Origin: Southern Ocean	Pressure Gradient: S
Type: Trough	



Synoptic Conditions

An intense anticyclone in the south Tasman Sea developed a southerly airstream on its eastern side as it moved towards NZ due to weak trough of low pressure over the Chatham Islands. This southerly flow swept through Cook Strait and up the eastern North Island.

Sea Conditions

Measured waves at Gisborne reached upto 2m but mostly sustained around 1.5m

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	1.9	5
Napier	1.8	6
Gisborne	2.1	5

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
24-Aug-83	41 (W)	41 (W)	80 (S)
25-Aug-83	52 (S)	48 (S)	78 (S)

