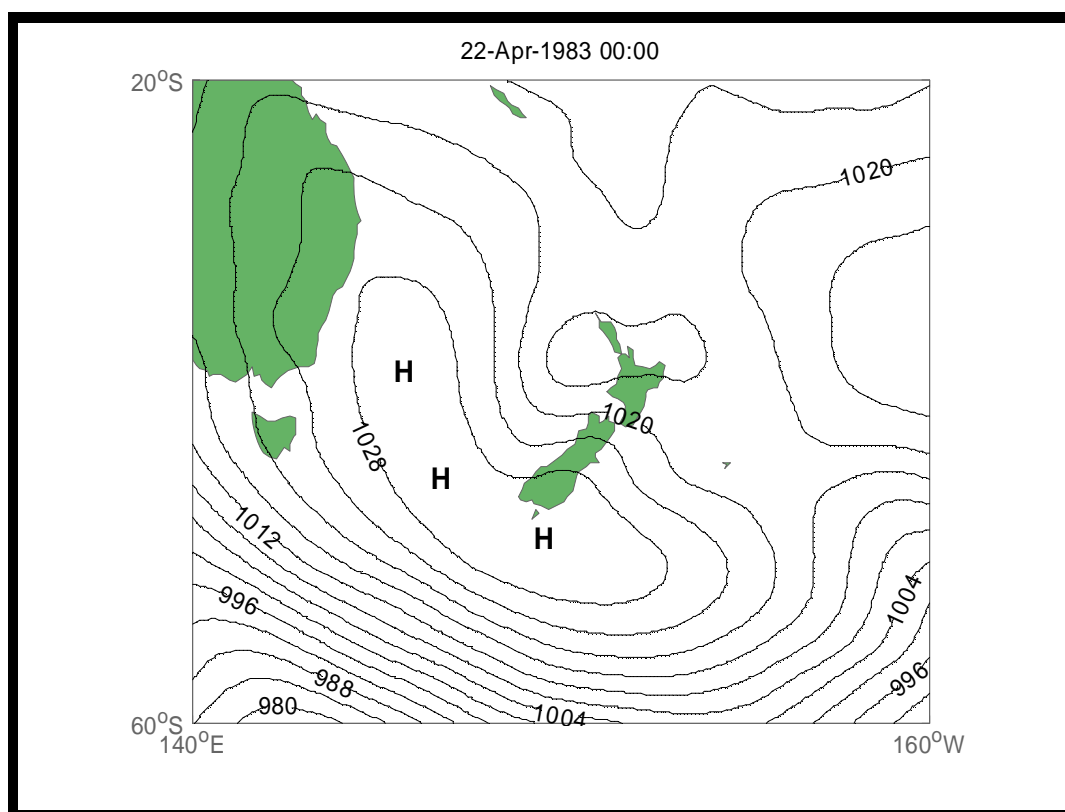


Coastal Storm Database - Event Summary

Date: 21-23 Apr 1983	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 34
Origin: Tasman Sea	Pressure Gradient: E to ESE
Type: Anticyclonic	



Synoptic Conditions

An intense anticyclone moved from over eastern Australia southeast-ward and on the 21st was over the South Island. At the same time a trough of low pressure from the subtropics covered NZ. Between these systems a strong SE airstream was created over the eastern South Island and in the Cook Strait area. The anticyclone continued to move eastward and was off the Otago coast on the 22nd and this maintained the E to SE airstream through Cook Strait.

Sea Conditions

Measured waves off Gisborne reached 2.5m

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	1.9	5
Napier	1.7	7
Gisborne	1.9	6

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
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Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
21-Apr-83	28 (E)	33 (SW)	67 (S)
22-Apr-83	35 (S)	32 (SW)	69 (S)
23-Apr-83	45 (SE)	45 (SE)	69 (N)
