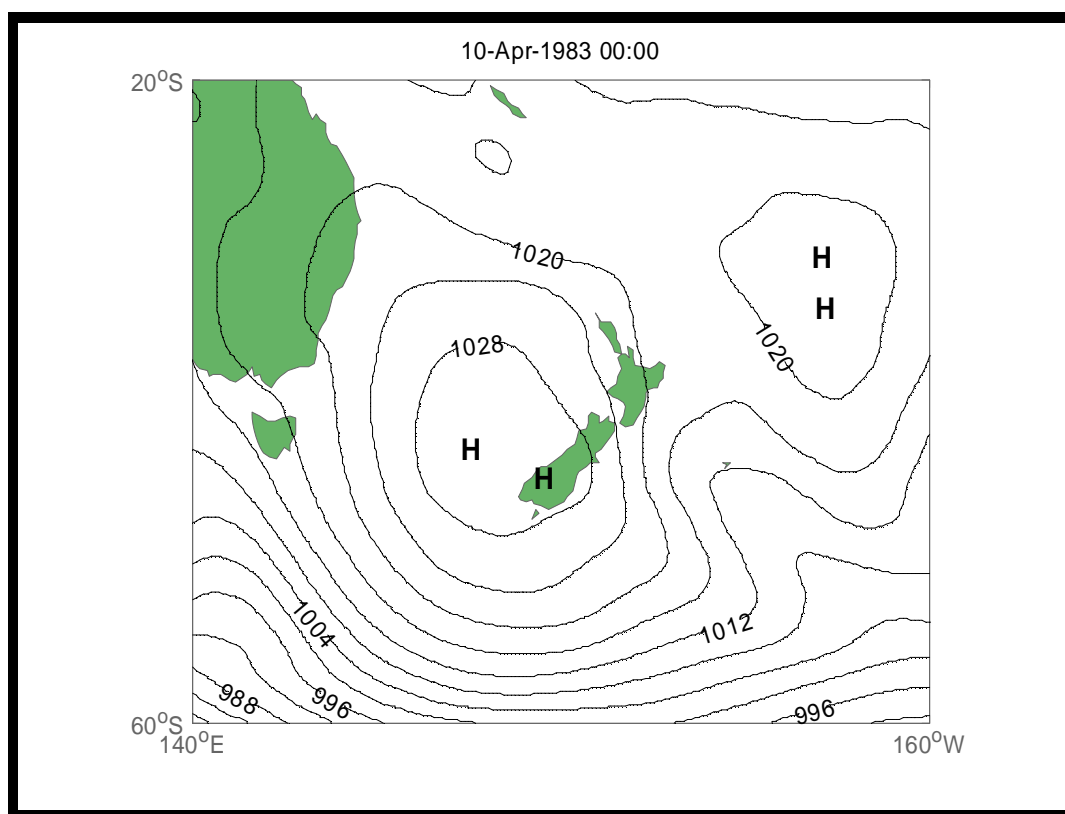


Coastal Storm Database - Event Summary

Date: 9-10 Apr 1983	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 24
Origin: Southern Ocean	Pressure Gradient: S
Type: Trough	



Synoptic Conditions

An intense anticyclone occupied the south Tasman Sea and engulfed NZ. At the same time a southern ocean trough occupied the Chatham Islands area. Between these features a southerly airstream developed through Cook Strait and later spread up the eastern North Island but with less velocity.

Sea Conditions

Measured wave heights off Gisborne reached just under 3m

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.4	7
Napier	3.0	7
Gisborne	3.2	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
09-Apr-83	45 (S)	48 (S)	96 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
10-Apr-83	65 (S)	63 (SW)	91 (S)

Impact Area

Gisborne

Impacts and Damages

- Waves off the Gisborne reached 2-3m
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