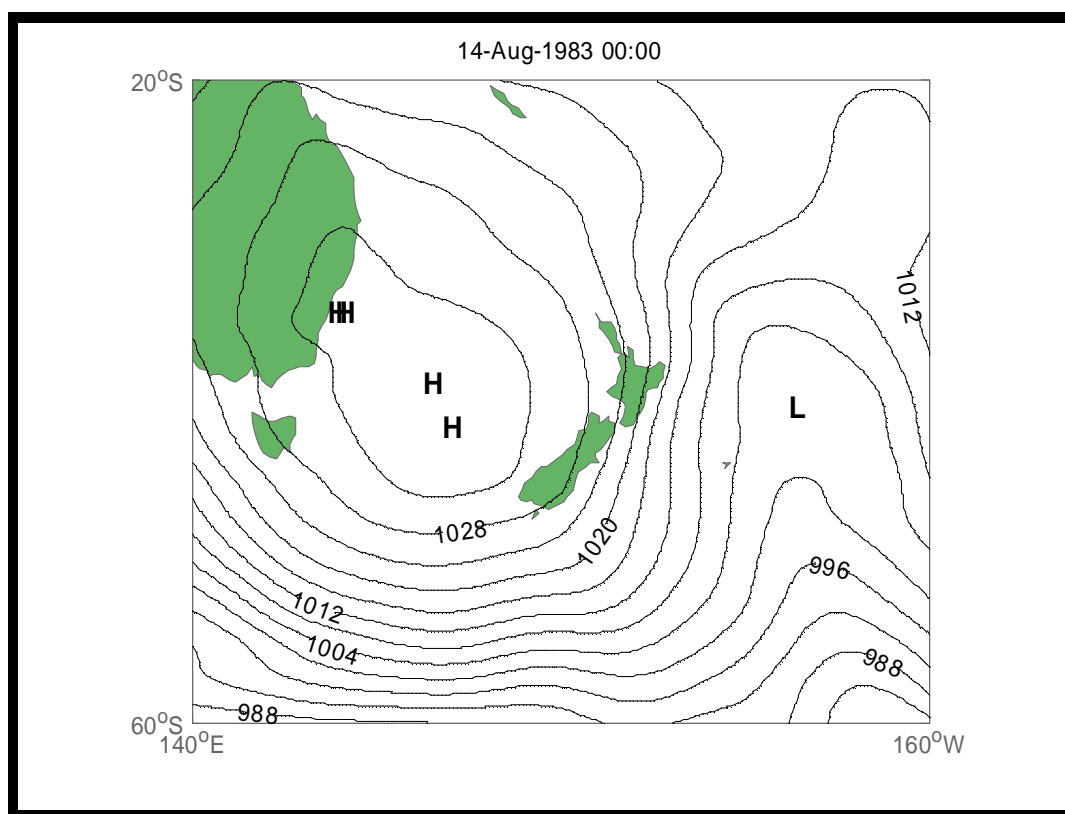


Coastal Storm Database - Event Summary

Date: 13-14 Aug 1983	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): 35
Origin: Southern Ocean	Pressure Gradient: S to SSW
Type: Trough	



Synoptic Conditions

The western quadrant of an intense anticyclone in the Tasman Sea covered NZ and collided with a southern ocean trough over the Chatham Islands. This created a very strong S to SSW airstream between them that swept over the eastern North Island and gradually weakened on the 14th.

Sea Conditions

Measured waves off Gisborne reached up to 2.5m and was sustained for 3 days

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	6.1	9
Napier	5.3	9
Gisborne	6.6	9

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
13-Aug-83	70 (S)	70 (SW)	121 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
14-Aug-83	65 (S)	72 (SW)	113 (S)

Data Source

- 1 Slippery Weekend: Evening Post, 15/08/1983, p36
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