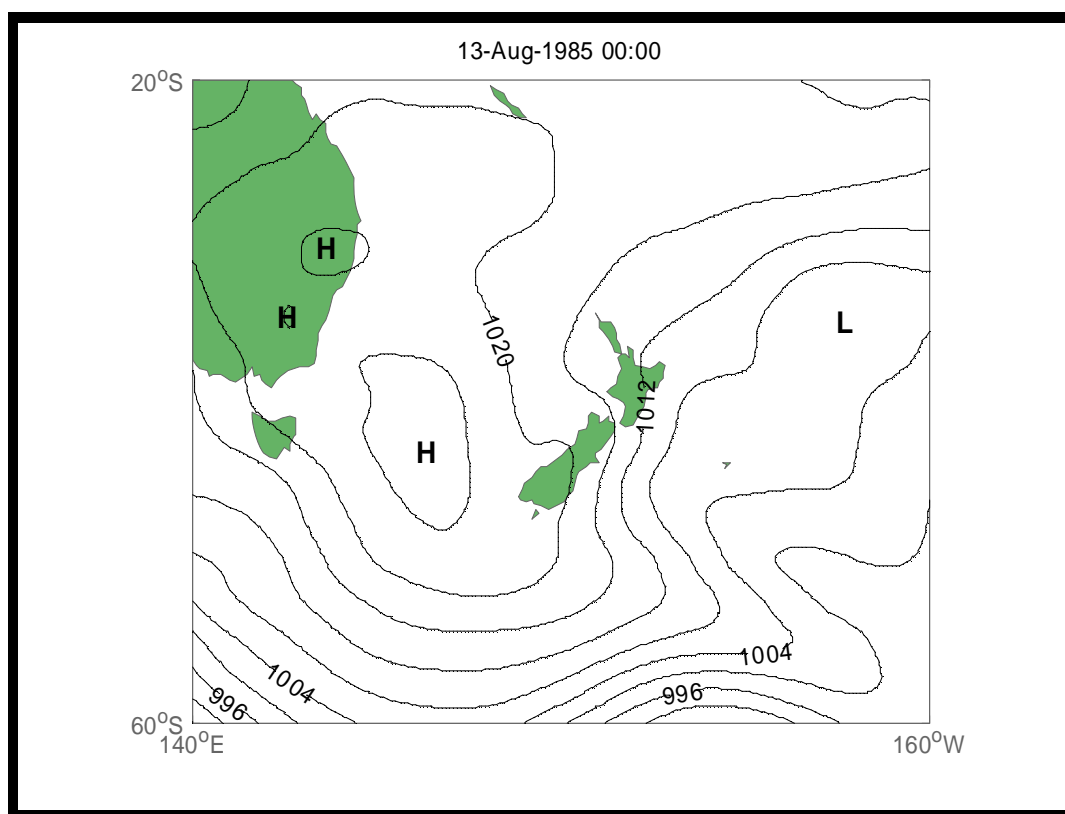


Coastal Storm Database - Event Summary

Date: 12-14 Aug 1985	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 50
Origin: Southern Ocean	Pressure Gradient: S to SSW
Type: Trough	



Synoptic Conditions

A large anticyclone in the Tasman Sea covered SE Australia and NZ. On its eastern side a strong S to SSW airstream developed as this anticyclone moved into a weak trough of low pressure over and east of the Chatham Islands. The trough lingered off the east coast of NZ and maintained the southerly through to the 15th. Throughout this period the flow was strongest in the Cook Strait area and eventually spread up the eastern North Island.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.7	7
Napier	2.7	7
Gisborne	3.0	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
12-Aug-85	41 (SW)	46 (S)	72 (S)
13-Aug-85	43 (SW)	52 (SW)	96 (S)
14-Aug-85	45 (SW)	59 (S)	80 (S)

Maximum Wind Gusts (kph and dir)

	Date	Gisborne	Napier	Wellington
Impact Area	Impacts and Damages			
Gisborne	<ul style="list-style-type: none">• Snow around city in hill country			

Data Source				
1	First Snow of the Year: Gisborne Herald, 15/08/1985, p3			