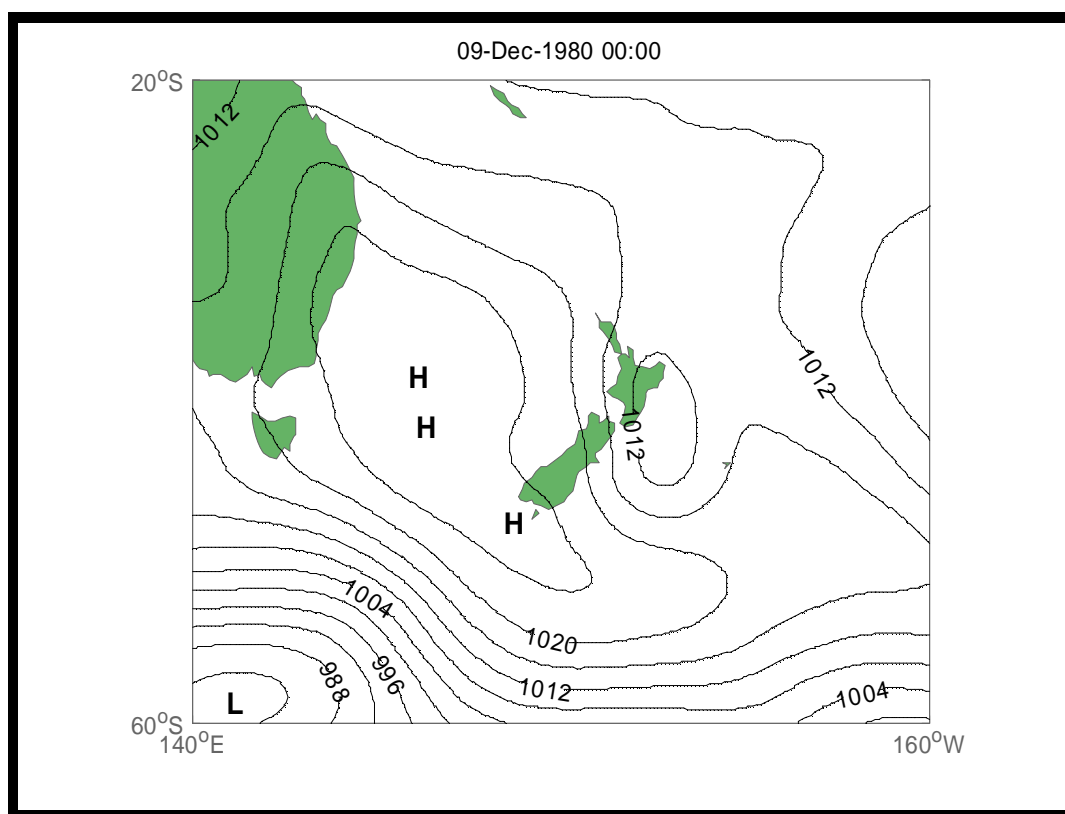


Coastal Storm Database - Event Summary

Date: 8-10 Dec 1980	Wind Direction: SW
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 33
Origin: Southern Ocean	Pressure Gradient: S to SSE
Type: East Coast Secondary Low	



Synoptic Conditions

A weak area of low pressure developed off the Canterbury coast from a passing southern ocean trough. At the same time an intense anticyclone was in the south Tasman Sea with a ridge to the SE and below the low pressure centre. Between these features a S to SSE flow was created in the Cook Strait area. This cyclone remained off eastern NZ on the 9th and maintained the SE flow over the lower North Island

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.9	6
Napier	2.0	6
Gisborne	2.4	6

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
08-Dec-80	41 (S)	39 (E)	63 (N)
09-Dec-80	43 (SW)	59 (S)	95 (SW)
10-Dec-80	74 (SE)	59 (SW)	57 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
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