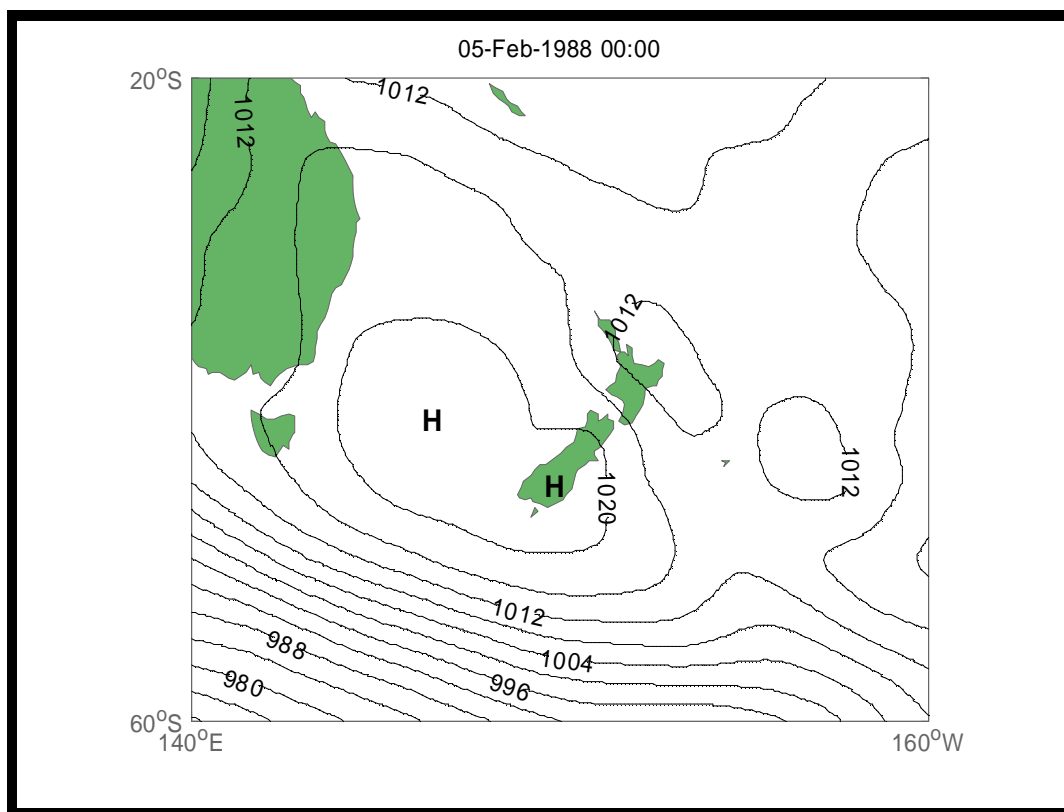


Coastal Storm Database - Event Summary

Date: 4-5 Feb 1988	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 28
Origin: Subtropics	Pressure Gradient: SSE to SE
Type: Trough	



Synoptic Conditions

An anticyclone from the Great Australian Bight moved eastward and spread over the South Island on the 4th. At this time a large area of low pressure occupied the North Island and area east of NZ. As these two features collided a S to SSE airstream developed in the Cook Strait area. On the 5th the pressure gradient was sustained by a large trough of low pressure extending southward towards East Cape. However a strong pressure gradient was observed

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.4	6
Napier	2.8	8
Gisborne	3.0	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
04-Feb-88	37 (NW)	43 (S)	61 (S)
05-Feb-88	50 (SW)	59 (SW)	70 (S)

