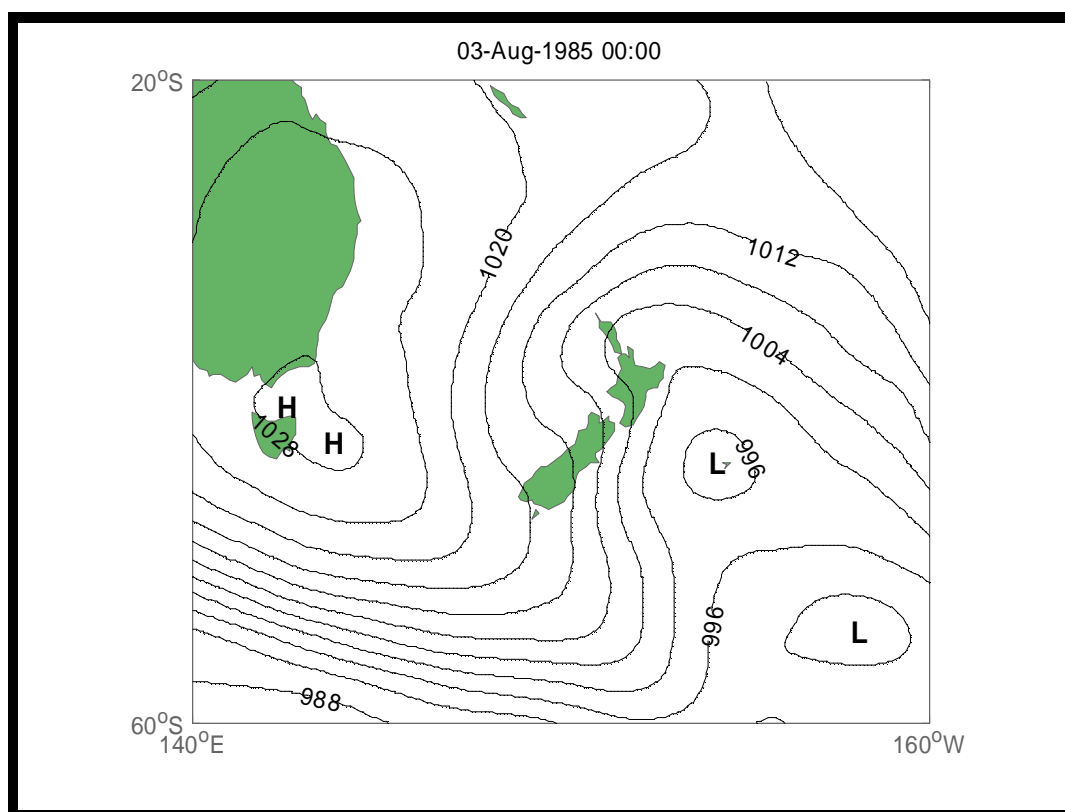


Coastal Storm Database - Event Summary

Date: 2-3 Aug 1985	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 31
Origin: Southern Ocean	Pressure Gradient: S to SSE
Type: East Coast Low	



Synoptic Conditions

A southern ocean cyclone moved eastward across the lower South Island and onto the Chatham Islands. This cyclone had a large intense anticyclone to the westward and extended a ridge to the southeast. Between this systems a strong southerly airstream developed and swept over the eastern South Island and into Cook Strait. This flow continued the 3rd but with less velocity after the cyclone developed into a trough off eastern NZ.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.6	9
Napier	3.1	9
Gisborne	3.2	9

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
02-Aug-85	35 (W)	24 (SW)	72 (S)
03-Aug-85	45 (S)	50 (SW)	96 (S)

