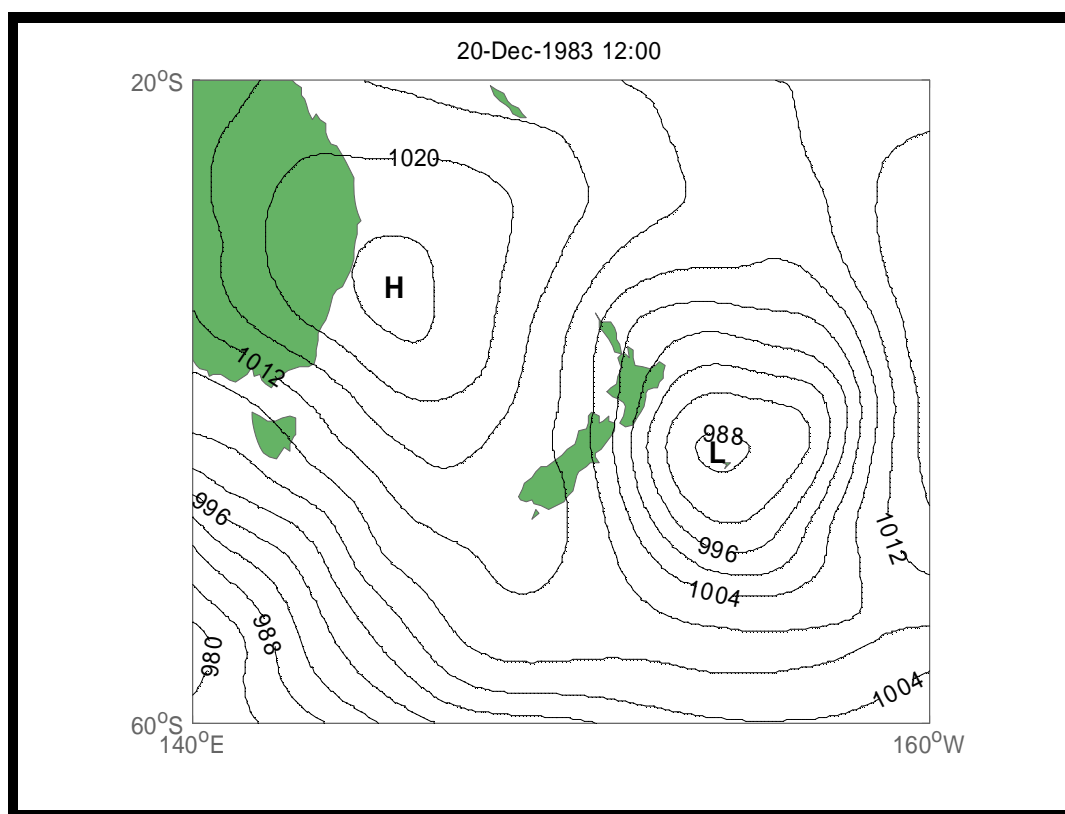


Coastal Storm Database - Event Summary

Date: 19-21 Dec 1983	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 34
Origin: Southern Ocean	Pressure Gradient: S to SSW
Type: East Coast Low	



Synoptic Conditions

A cyclone from the southern ocean tracked northeast-ward over NZ and intensified over the Chathams. The western side of this cyclone contained a strong southerly airstream that swept over the eastern North Island on the 19th and 20th and had weakened by the 21st.

Sea Conditions

Measured waves at Gisborne reached upto 2.5m

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.7	7
Napier	3.9	8
Gisborne	5.0	8

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
19-Dec-83	39 (SW)	45 (S)	65 (S)
20-Dec-83	70 (SW)	78 (SW)	98 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
21-Dec-83	50 (SW)	56 (SW)	61 (N)
