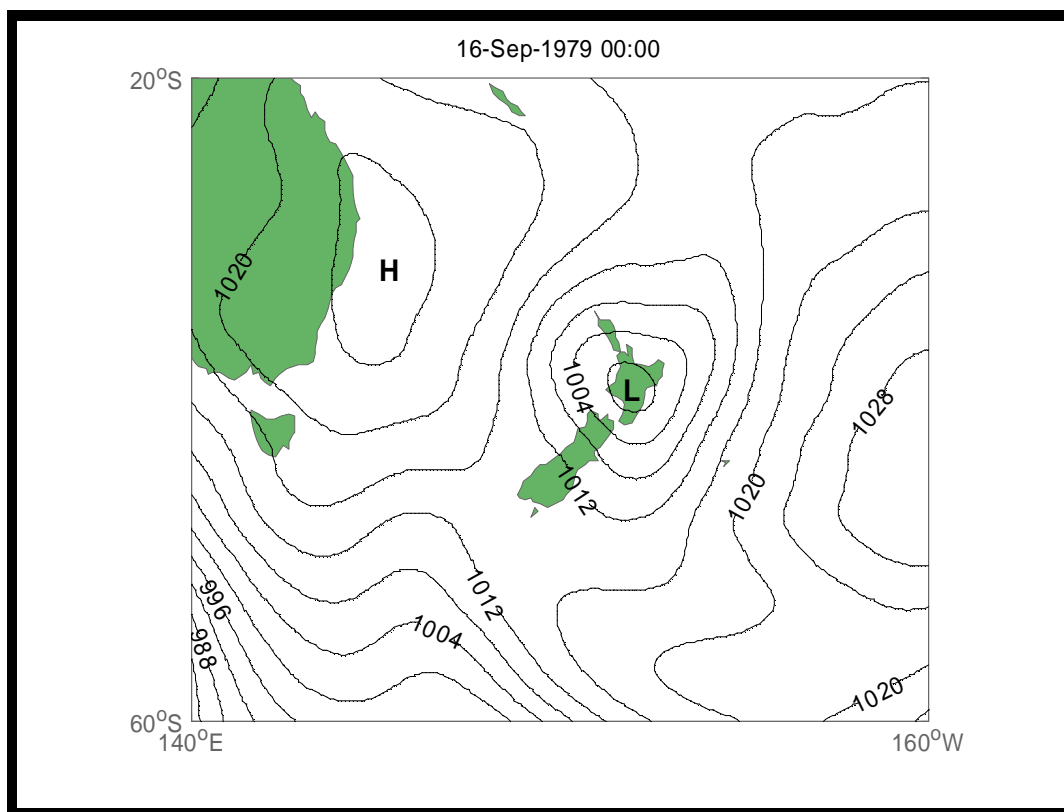


Coastal Storm Database - Event Summary

Date: 15-16 Sep 1979	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 33
Origin: Tasman Sea	Pressure Gradient: ESE to S
Type: East Coast Low	



Synoptic Conditions

A cyclone developed in the eastern Tasman sea and over the South Island from a southern ocean trough that was passing through the Tasman sea. On the 15th this cyclone was embedded between two large anticyclones and a strong ESE to SE airstream on the southern side of the cyclone swept over the upper South Island and through Cook Strait. The flow then shifted to the south on the 16th as the cyclone moved southward.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.5	6
Napier	1.5	6
Gisborne	2.6	6

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
15-Sep-79	45 (NE)	39 (E)	91 (S)
16-Sep-79	37 (NE)	41 (N)	100 (S)

