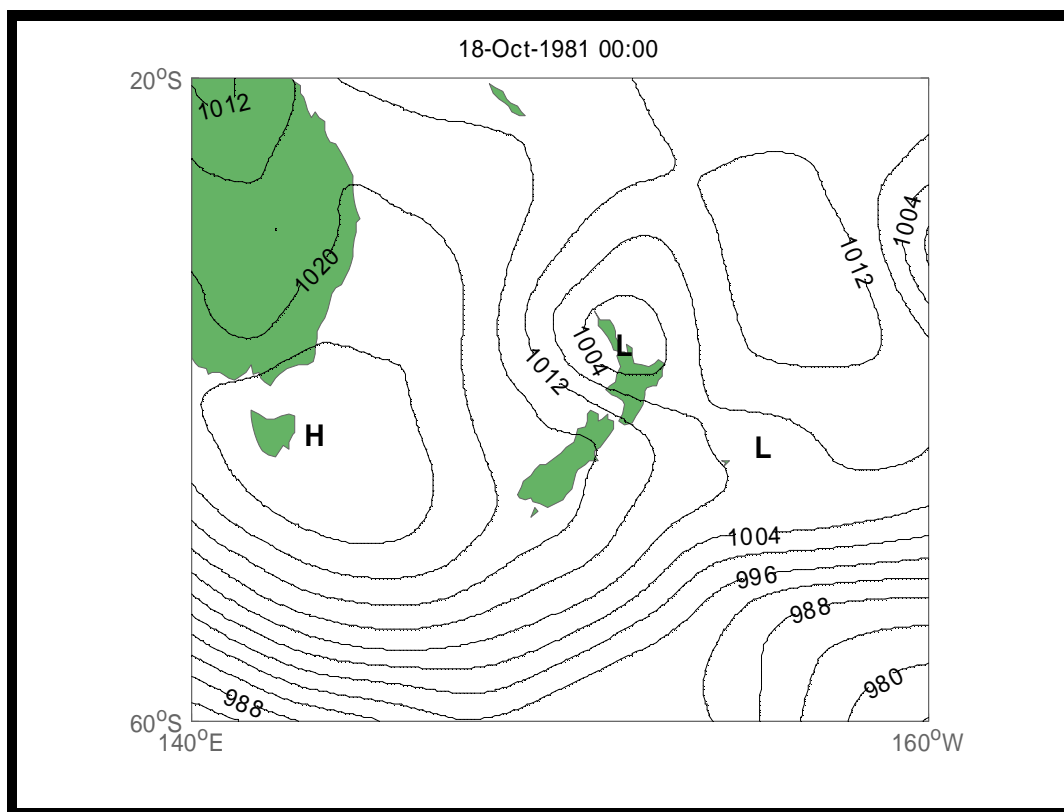


Coastal Storm Database - Event Summary

Date: 17-18 Oct 1981	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 34
Origin: Tasman Sea	Pressure Gradient: SE
Type: East Coast Low	



Synoptic Conditions

A secondary cyclone developed west of Cook Strait, and at the same time, an intense anticyclone near Tasmania spread a ridge to the east over the South Island. Between the cyclone and ridge, a strong SE airstream developed in Cook Strait and over the lower North Island. The SE flow later spread over the entire eastern North Island as the anticyclone advanced onto the lower North Island and the cyclone moved slightly eastward.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.3	6
Napier	2.6	6
Gisborne	2.8	6

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
17-Oct-81	41 (N)	46 (S)	85 (S)
18-Oct-81	72 (S)	50 (S)	96 (S)

