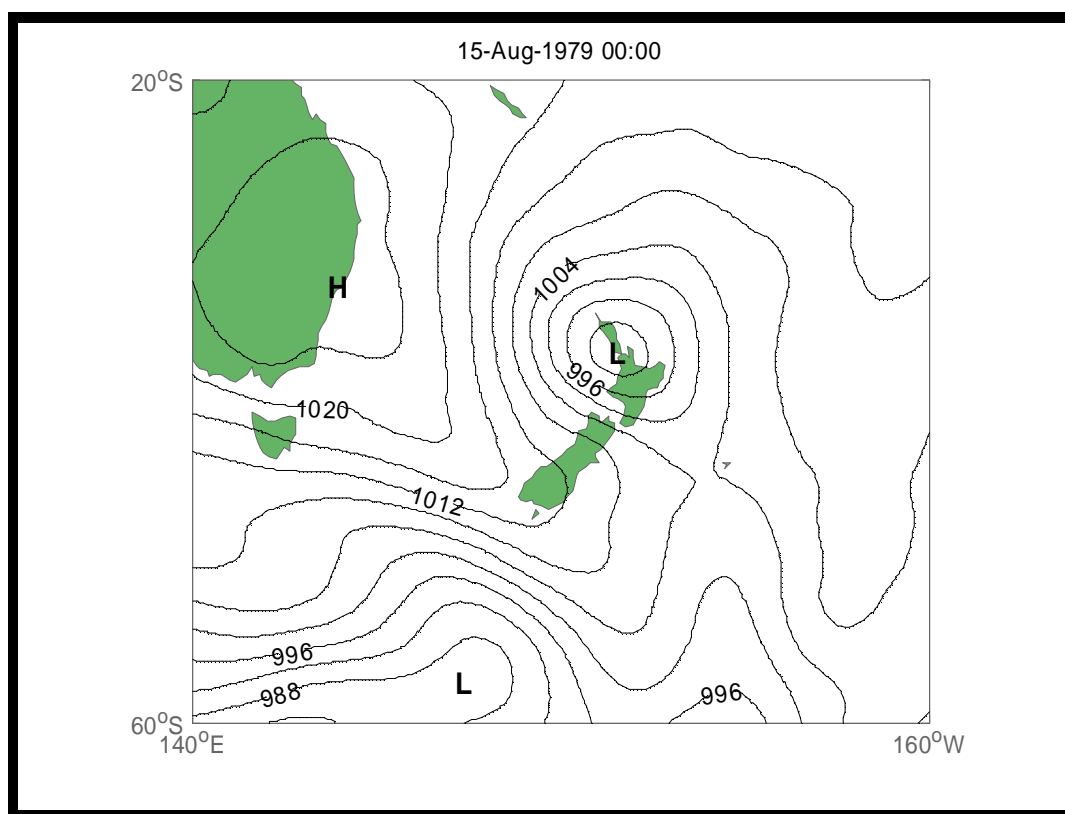


Coastal Storm Database - Event Summary

Date: 14-15 Aug 1979	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): 7
Location: Gisborne/Wellington	Wellington Duration (Hours): 29
Origin: Tasman Sea	Pressure Gradient: E to SE
Type: East Coast Low	



Synoptic Conditions

A cyclone developed west of North Cape from the trough of a southern ocean cyclone and moved eastward across Northland. On the 14th this cyclone was over the central North Island while the South Island was covered by a ridge of high pressure. Between these features a strong E to ESE airstream swept across the lower North Island and into Cook Strait and continued on the 15th during which the pressure gradient weakened and spread up the eastern North Island.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.7	6
Napier	2.3	6
Gisborne	2.4	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
14-Aug-79	35 (NE)	50 (E)	83 (S)
15-Aug-79	70 (S)	59 (SE)	93 (S)

Impact Area

Wellington

Impacts and Damages

- Minor flooding, fallen trees and landslips around district

Data Source

- 1 Gale and Heavy Rain Cause Minor Damage: Evening Post, 15/08/1979, p4
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