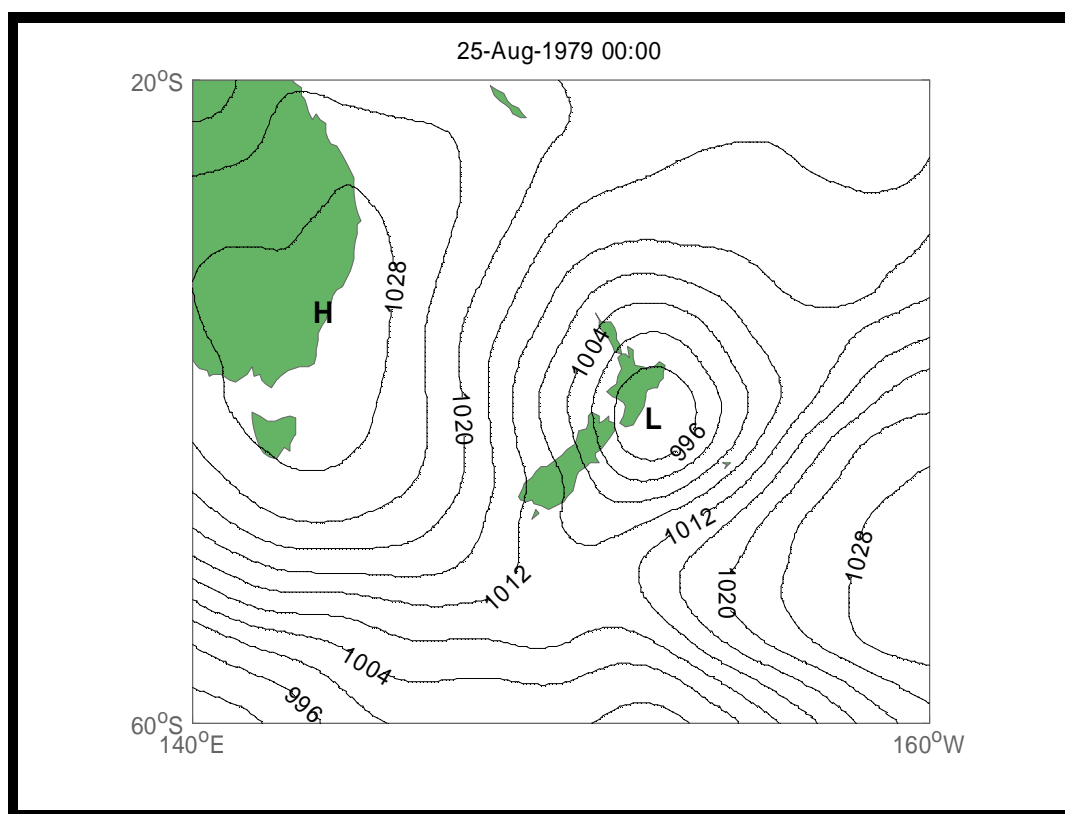


Coastal Storm Database - Event Summary

Date: 24-25 Aug 1979	Wind Direction: SW
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 28
Origin: Subtropics	Pressure Gradient: S to SE
Type: East Coast Low	



Synoptic Conditions

A cyclone developed southeast of Sydney and south of New Caledonia and then moved southeast-ward over the North Island. On the 24th this cyclone was embedded between two large anticyclones and was east of Cook Strait. A strong S to SE airstream on its southern and western side swept over the upper eastern South Island and through Cook Strait and continued on the 25th as the cyclone remained stationary near Cook Strait and gradually weakened during the day.

Sea Conditions

Huge waves on Wellington coast

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.7	8
Napier	3.1	10
Gisborne	3.5	10

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
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Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
24-Aug-79	26 (SE)	33 (S)	96 (S)
25-Aug-79	39 (NW)	56 (NW)	100 (S)

Impact Area

Wellington

Impacts and Damages

- Airport closed for day
- Huge waves lashed coastline

Data Source

1 [Picture]: Evening Post, 25/08/1979, p44
