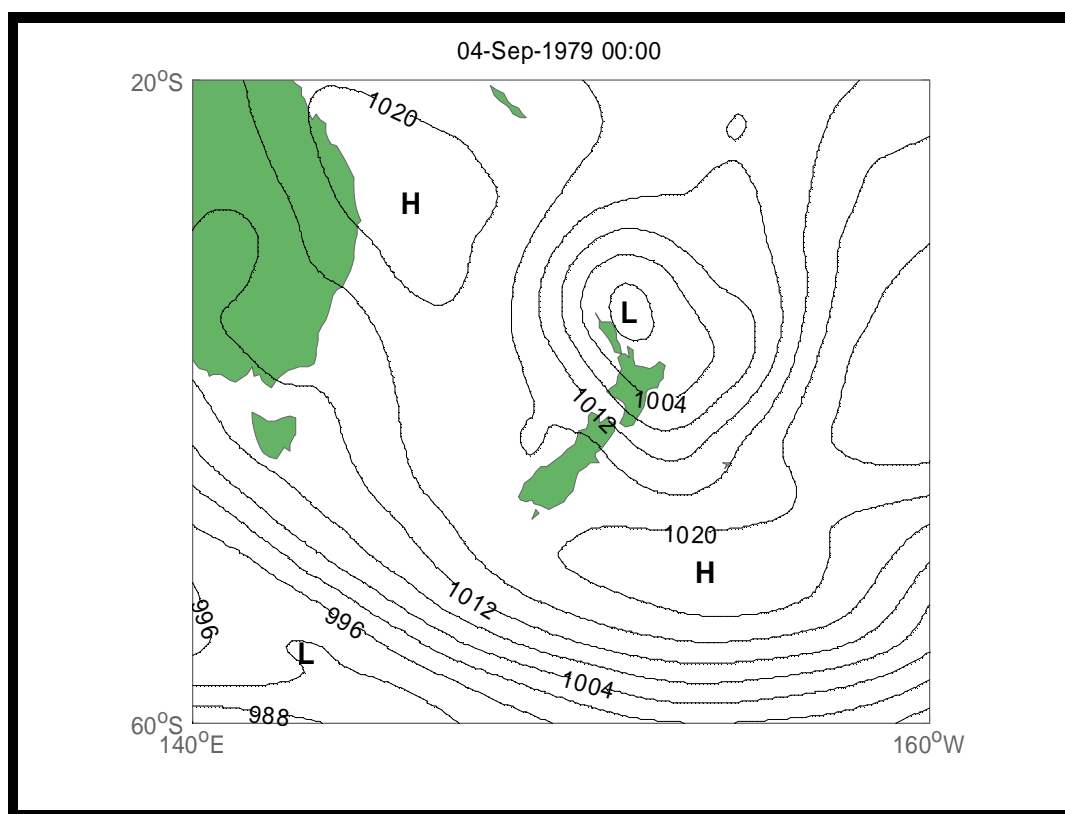


Coastal Storm Database - Event Summary

Date: **3-4 Sep 1979**
Event Type: **Wind/Wave**
Location: **Wellington**
Origin: **Tasman Sea**
Type: **East Coast Low**

Wind Direction: **S**
Gisborne Duration (Hours): **-**
Wellington Duration (Hours): **41**
Pressure Gradient: **E to SE**



Synoptic Conditions

A cyclone developed east of Cook Strait from a southern ocean trough and became embedded between two large anticyclones. On the 3rd this cyclone was east of Northland and was surrounded by high pressures to the west, south and east. A strong E to SE airstream developed between the southern ridge and cyclone and swept through Cook Strait and over the lower North Island and continued on the 4th but gradually weakened during the day

Sea Conditions

High seas on Wellington south coast

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.6	6
Napier	2.1	7
Gisborne	2.9	8

*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
03-Sep-79	28 (S)	56 (SW)	106 (S)
04-Sep-79	35 (S)	41 (S)	89 (S)

Impact Area

Wellington

Impacts and Damages

- High seas cancelled three ferry sailings
- Airport closed at times to landing due to poor visibility and some flights cancelled`

Data Source

- 1 Stormy Night Cuts Many City Links: Evening Post, 4/09/1979, p1
- 2 Southerly Blast to Start Spring: Evening Post, 3/09/1979, p4