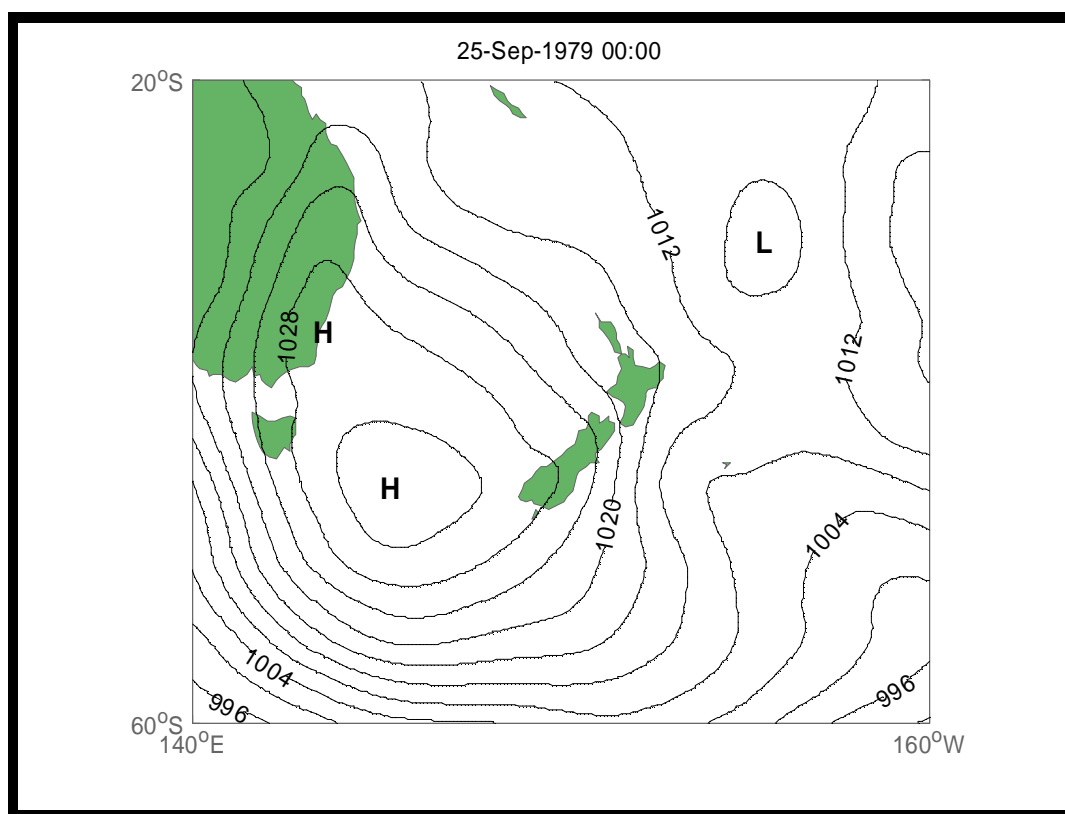


Coastal Storm Database - Event Summary

Date: 24-26 Sep 1979	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): 29
Origin: Southern Ocean	Pressure Gradient: S to SSE
Type: Trough	



Synoptic Conditions

An anticyclone in the south Tasman sea that covered the Tasman sea and NZ collided with a southern ocean trough over the Chatham Islands. This generated a strong southerly airstream in the Cook Strait area and spread up the eastern North Island on the 25th as a SSE flow.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	4.6	7
Napier	3.8	8
Gisborne	4.1	8

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
24-Sep-79	37 (S)	69 (SW)	100 (S)
25-Sep-79	78 (S)	80 (SW)	102 (S)
26-Sep-79	82 (S)	63 (S)	82 (S)

Impact Area

Impacts and Damages

Impact Area	Impacts and Damages
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Gisborne	● Inland snow
Wairoa	● Inland snow

Data Source

- 1 Snow and Hail in the Hills: Gisborne Herald, 26/09/1979, p14
 - 2 Campers Stranded By Snow Storm: Gisborne Herald, 27/09/1979, p1
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