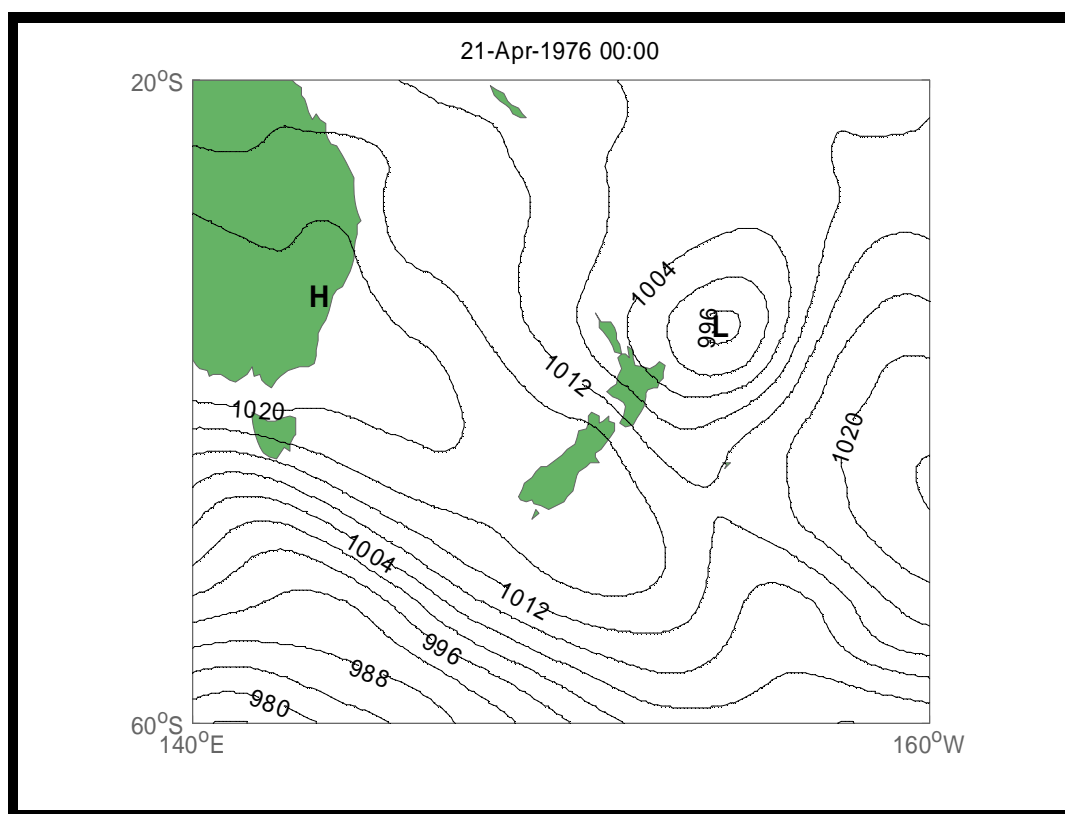


Coastal Storm Database - Event Summary

Date: 20-21 Apr 1976	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): 6
Location: Gisborne/Wellington	Wellington Duration (Hours): 43
Origin: Subtropics	Pressure Gradient: SE
Type: East Coast Low	



Synoptic Conditions

A cyclone from near New Caledonia moved south to southeast-ward towards eastern NZ when a large intense anticyclone was over the Chatham Islands. On the 18th the clash of these two systems generated a NE airstream over the eastern North Island. On the 20th the cyclone was northeast of East Cape and a ridge had extended onto the South Island from an anticyclone over southeastern Australia. Between this ridge and the northern cyclone a strong SE airstream developed and swept over central NZ, and as the cyclone proceeded to move southward, the flow started to affect the eastern North Island.

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
20-Apr-76	83 (S)	83 (S)	89 (S)
21-Apr-76	65 (S)	57 (SW)	89 (S)

Impact Area

Gisborne

Impacts and Damages

- Some flight cancelled at airport
- Roads deteriorated from excess rain in some suburbs (e.g. pot-holes)
- Inland flooding at Tokomaru Bay
- House slipped onto beach at Ohiwa after erosion of foredune from high seas

Whakatane

Data Source

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- 1 Residents Plan Fight Against Ohiwa Erosion: Gisborne Herald, 20/04/1976, p12
 - 2 House Slips onto Beach after Storm: Gisborne Herald, 21/04/1976, p16
 - 3 Wet Easter Brings Deluge of Problems: Gisborne Herald, 20/04/1976, p1
 - 4 Danger Homes May be Saved: New Zealand Herald, 21/04/1976, p3
 - 5 Rain Damage Leaves Roads Hardest Hit: Gisborne Herald, 21/04/1976, p16
 - 6 Seven Farms Isolated as Floods Cut Mata Road: Gisborne Herald, 21/04/1976, p1
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