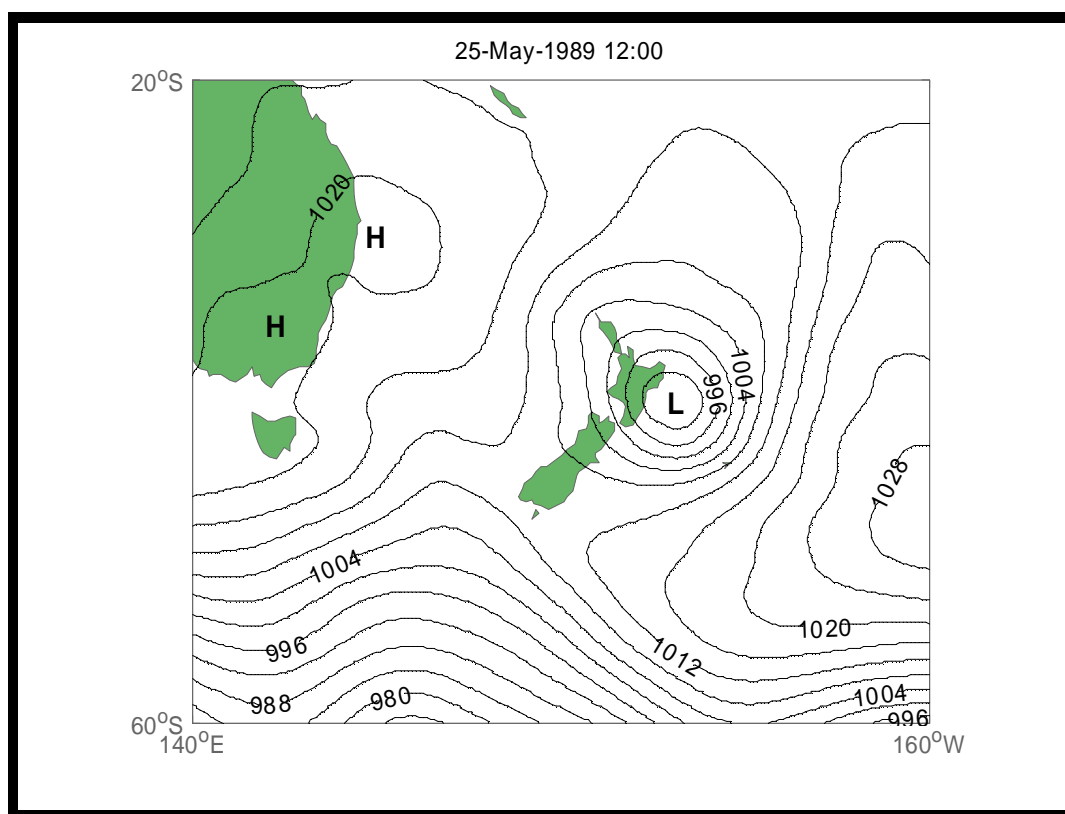


Coastal Storm Database - Event Summary

Date: 25-28 May 1989	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): 6
Location: Gisborne/Napier/Wellington	Wellington Duration (Hours): 26
Origin: Subtropics	Pressure Gradient: ESE to SE
Type: East Coast Low	



Synoptic Conditions

A cyclone developed just south of New Caledonia on the 22nd and moved south to southeastward towards NZ. On the 24th this cyclone was just off East Cape and its southern side contained a strong ESE airstream that swept along the eastern North Island. The cyclone was forced southward between two large anticyclones and the strong ESE to SE airstream then swept over the lower North Island and Cook Strait area. This flow then turned southerly on the 25th and continued to be strong through until the 28th during which the cyclone remained embedded between two anticyclones.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.9	7
Napier	4.0	9
Gisborne	5.0	9

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
25-May-89	104 (SW)	74 (S)	117 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
26-May-89	56 (W)	70 (S)	93 (S)
27-May-89	54 (SW)	63 (S)	104 (S)
28-May-89	52 (SW)	54 (SW)	70 (S)

Impact Area

Wairoa

Impacts and Damages

- 3 centre spans of temporary bridge swept away in floodwaters
- Surface flooding around Wairoa

Data Source

- 1 Bridge Lost as Town Swamped: Gisborne Herald, 27/05/1989, p10
 - 2 Highways Close as Rain Sweeps South: Gisborne Herald, 26/05/1989, p1
 - 3 Keeping Weather Eye on Rain: Gisborne Herald, 25/05/1989, p16
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