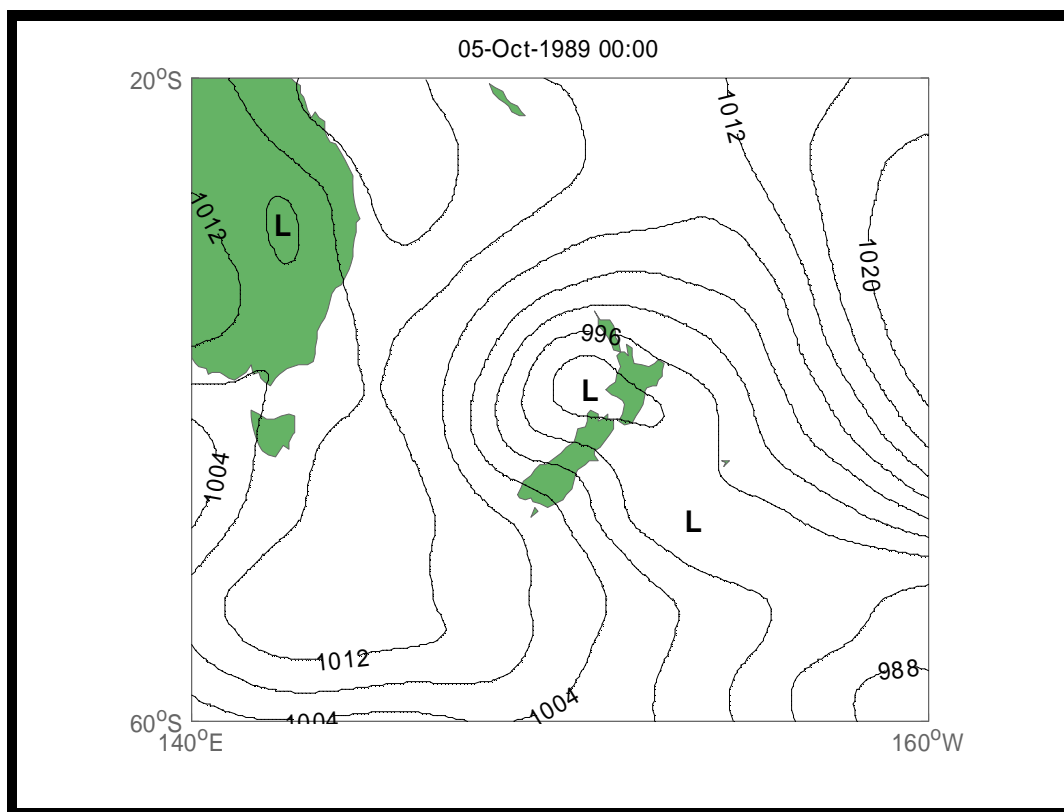


Coastal Storm Database - Event Summary

Date: 4-6 Oct 1989	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 42
Origin: Tasman Sea	Pressure Gradient: S to SSE
Type: Trough	



Synoptic Conditions

A cyclone developed in the Tasman sea east of Tasmania and tracked across NZ. It then became a trough of low pressure over the Chathams that covered the entire NZ area. The southwestern side of this trough contained a strong S to SSE airstream that swept over the South Island and lower North Island.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.1	6
Napier	1.7	6
Gisborne	2.4	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
04-Oct-89	59 (NW)	52 (NW)	82 (S)
05-Oct-89	45 (N)	45 (S)	87 (S)
06-Oct-89	28 (SE)	28 (SW)	63 (S)

Impact Area

Wairarapa

Impacts and Damages

- Navy ship battles southerly gales off Wairarapa coast
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