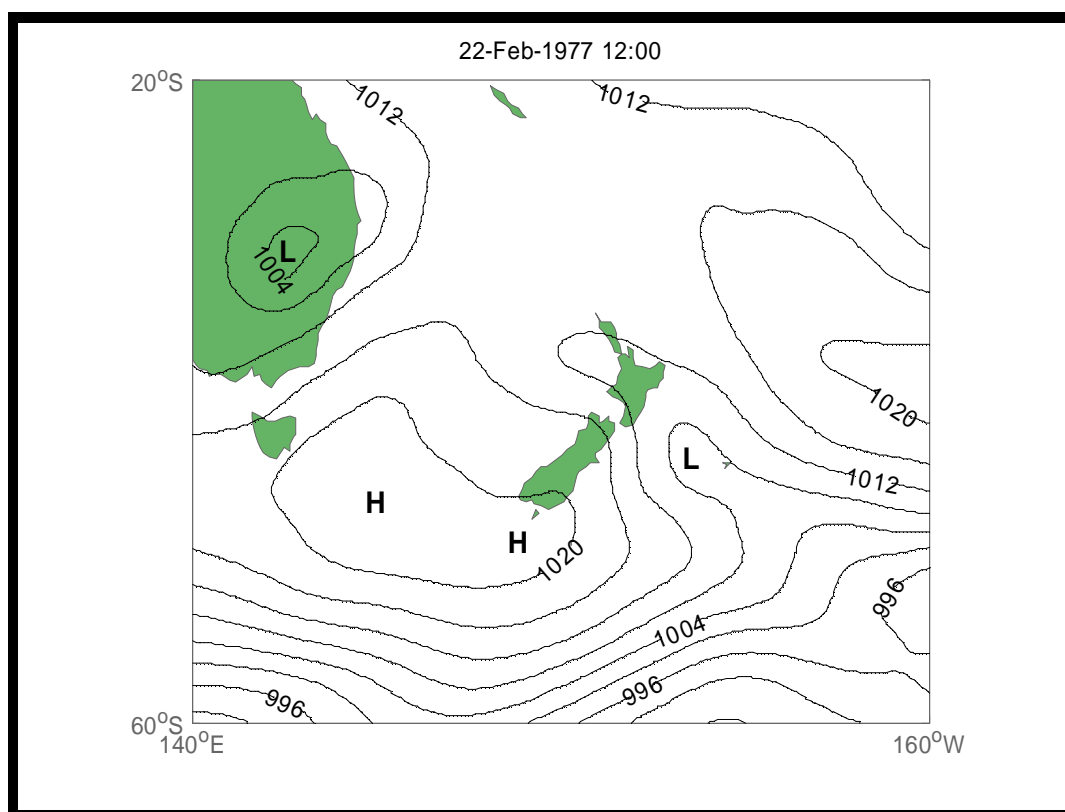


Coastal Storm Database - Event Summary

Date: 22-23 Feb 1977	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Napier/Wellington	Wellington Duration (Hours): 31
Origin: Southern Ocean	Pressure Gradient: S to SSE
Type: Trough	



Synoptic Conditions

A cyclone developed over Tasmania from a southern ocean trough and moved eastward across the upper South Island. On the 21st and 22nd this trough covered the Chatham Islands and North Island. As the same time an anticyclone covered the south Tasman sea and South Island. Between these features a S to SSE airstream developed over the eastern South Island and in the Cook Strait area; this flow had weakened on the afternoon of the 22nd.

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
22-Feb-77	45 (S)	59 (S)	108 (S)
23-Feb-77	56 (S)	56 (S)	70 (S)

Impact Area

Wairoa

Impacts and Damages

- Flooding and slipping around city; blockages on highway

Data Source

- 1 Town Now Facing Water Shortage as Floods Drop: Gisborne Herald, 25/02/1977, p1
- 2 Floods and Slips Close Highways: Gisborne Herald, 24/02/1977, p12