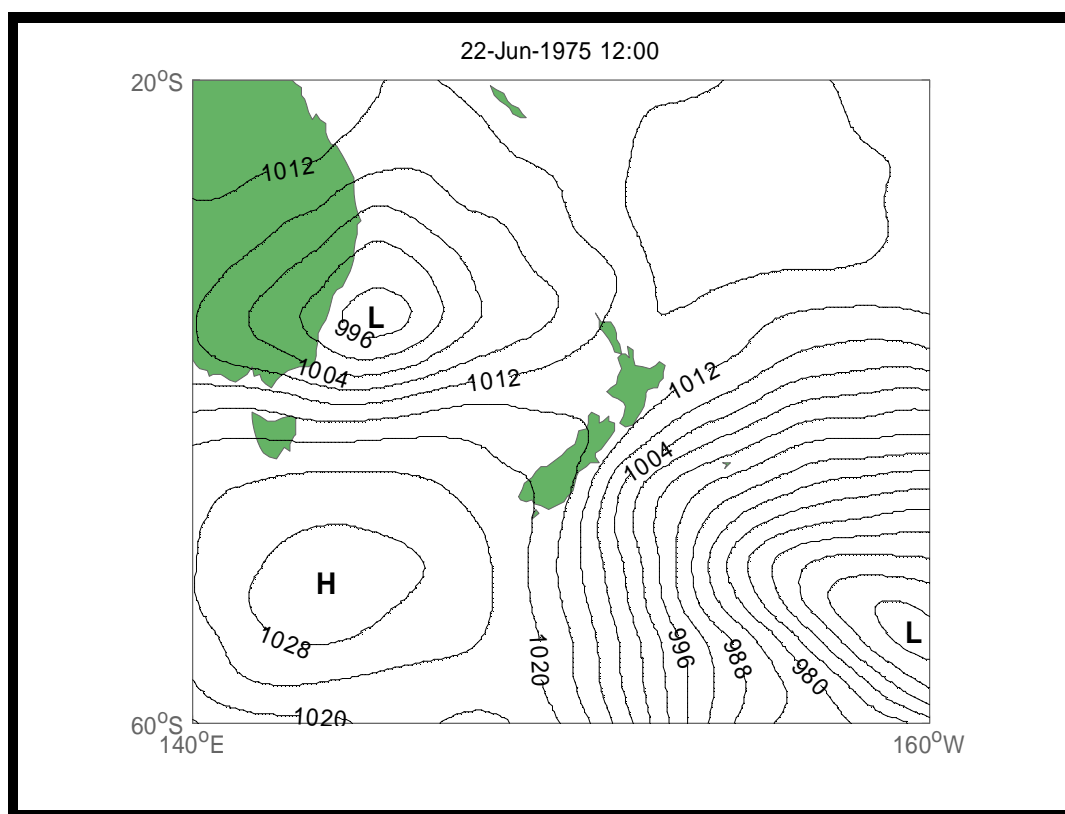


Coastal Storm Database - Event Summary

Date: 22-23 Jun 1975	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): 14
Origin: Southern Ocean	Pressure Gradient: S to SW
Type: Trough	



Synoptic Conditions

A southern ocean cyclone moved eastward along 50-55S below NZ and extended a trough northward. On the 21st a very strong S to SSW airstream developed on the western side of this cyclone and swept over the South Island and into Cook Strait. The winds were again intense south of NZ between 45 and 60S on the 22nd but no intense pressure gradient was observed over NZ during the 22nd and 23rd. These strong winds in the southern ocean generated the massive swells experienced along the east coast.

Sea Conditions

Big swell on the Gisborne coast

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
22-Jun-75	48 (S)	41 (SW)	100 (S)
23-Jun-75	56 (S)	33 (SW)	96 (S)

Impact Area

Gisborne

Impacts and Damages

- Freighter in Port unable to leave with maize shipment because of large swells at Port entrance
- Vessels in Poverty Bay riding out storm broke anchor chains
- Bad surge in the harbour

Impact Area**Impacts and Damages**

- Waves estimated at 15-20ft (4.5-6m) in Poverty Bay and breaking over the shipping channel

Data Source

- 1 Rough Seas Keeping Ship Portbound: Gisborne Herald, 26/06/1975, p1
 - 2 Heavy Seas Giving Ships, Port a Rough Time: Gisborne Herald, 25/06/1975, p1
 - 3 Big Swell Prevents Maize Ship Leaving: Gisborne Herald, 24/06/1975, p1
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