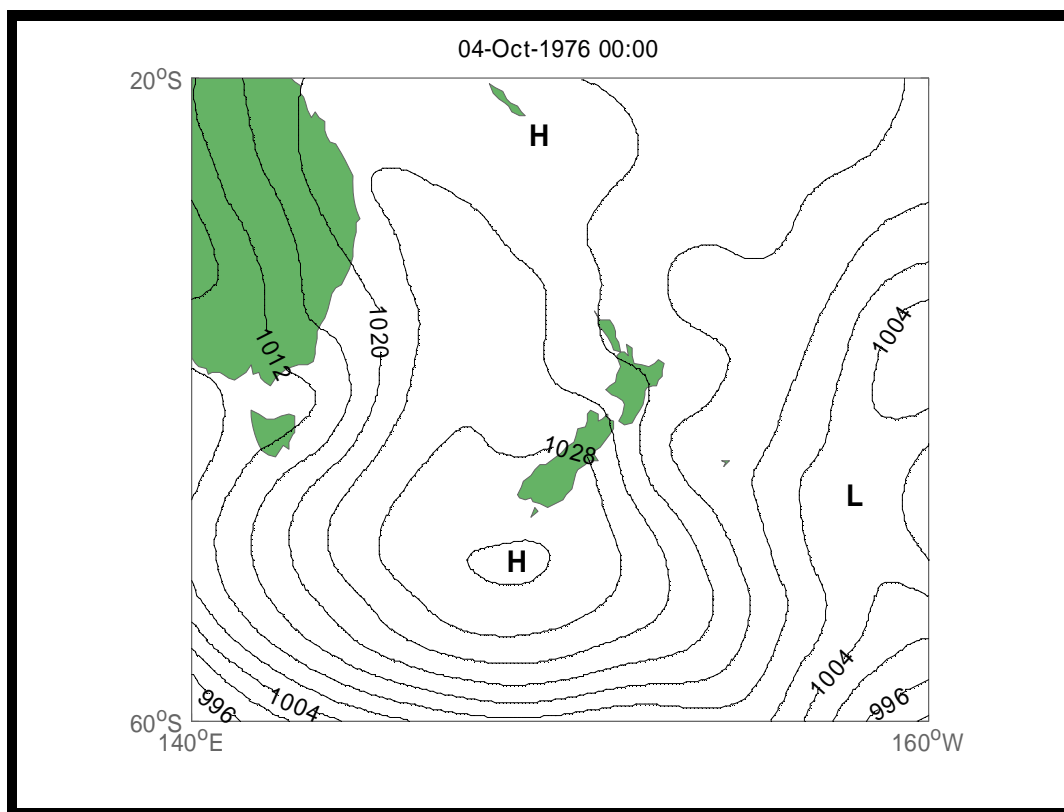


Coastal Storm Database - Event Summary

Date: 3-5 Oct 1976	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): 37
Origin: Southern Ocean	Pressure Gradient: S to SSE
Type: Trough	



Synoptic Conditions

A large anticyclone moved onto NZ from the southern ocean at the same time that a cyclone from the tropics moved southward east of NZ and merged with a southern ocean trough. On the 3rd the anticyclone and trough collided and a strong S to SSE airstream developed and swept over central eastern NZ. This flow then spread up the eastern North Island on the 4th but had weakened by evening as the anticyclone centre covered NZ.

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
03-Oct-76	48 (S)	43 (W)	100 (S)
04-Oct-76	82 (S)	67 (SW)	96 (S)
05-Oct-76	65 (S)	52 (SW)	63 (S)

Impact Area

Gisborne

Impacts and Damages

- Major power outage
- Snow, sleet, hail in city

Data Source

- 1 Snow, Hailstorm Usher in Spring: Gisborne Herald, 5/10/1976, p1