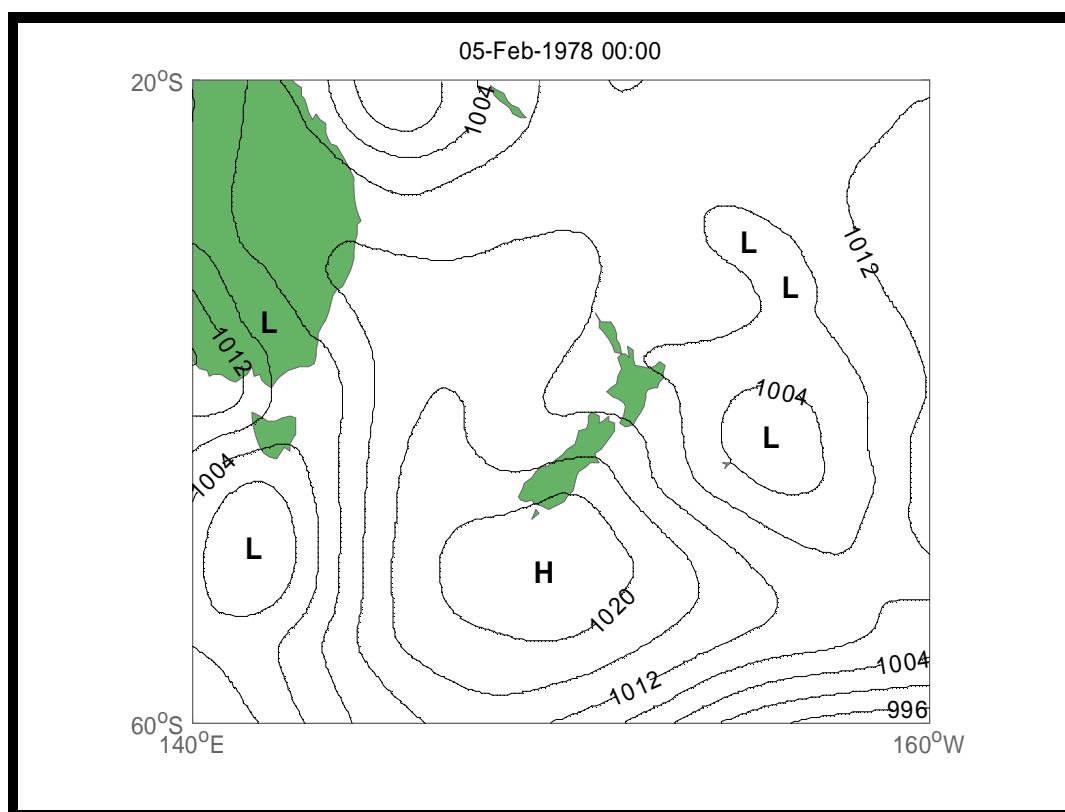


Coastal Storm Database - Event Summary

Date: 4-6 Feb 1978	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): 30
Origin: Subtropics	Pressure Gradient: SE
Type: Cyclone-Anticyclone Pair	



Synoptic Conditions

A subtropical low moved southward from the area north of the Chatham Islands (i.e. near 170-175W). At the same time a large anticyclone was moving eastward in the southern ocean to the south of NZ. On the 4th the subtropical low was over the Chatham Islands and the anticyclone in the southern ocean covered NZ and the Tasman sea. The collision of these two systems created a SE airstream over eastern NZ that continued on the 5th.

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
04-Feb-78	54 (SE)	35 (SE)	74 (S)
05-Feb-78	59 (S)	56 (S)	91 (S)
06-Feb-78	63 (SE)	57 (S)	59 (S)

Impact Area

Gisborne

Impacts and Damages

- Waves believed to be coming up Turanganui River into Waikanae Creek and eroding bridge supports; this closed Customhouse bridge
- Thunders and lightning
- Flooding in city

Data Source

- 1 Ferocious Storm Produces Power Cuts and Floods: Gisborne Herald, 7/02/1978, p1

