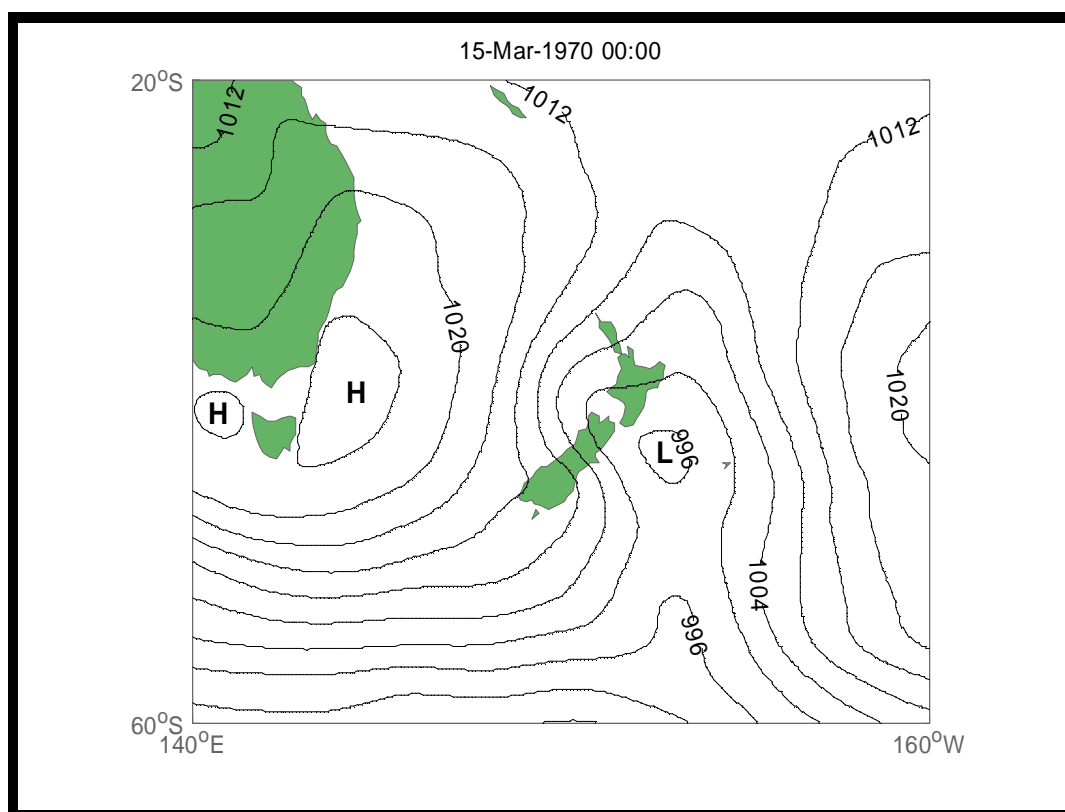


Coastal Storm Database - Event Summary

Date: 15-18 Mar 1970	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 81
Origin: Tasman Sea	Pressure Gradient: S to ESE
Type: Trough	



Synoptic Conditions

A cyclone developed in the Tasman sea from a southern ocean trough and passed through Cook Strait. On the 15th it became a trough over the Chathams that also covered the North Island, and had an anticyclone on to west with a ridge over the South Island, and another anticyclone to the east. Between the western anticyclone and trough a southerly airstream was created and affected the eastern South Island and Cook Strait area. A trough from the subtropics (north of NZ) extended onto the North Island on the 16th and maintained the SE flow. During this whole period, the Tasman sea anticyclone rolled under the trough and moved off eastward. Furthermore, late on the 17-18th the subtropical trough developed into a closed cyclonic system and the flow continued as an E to ESE.

Sea Conditions

Raging seas at Wellington harbour entrance

Impact Area

Gisborne
Wellington

Impacts and Damages

- Thunder and lightning around city
- Large seas at entrance to Wellington harbour made entry difficult for some vessels

Data Source

- 1 Storm Brings Heavy Rains: Gisborne Herald, 18/03/1970, p12
- 2 Britannia Battles High Seas to Lyttelton: Gisborne Herald, 16/03/1970, p1

