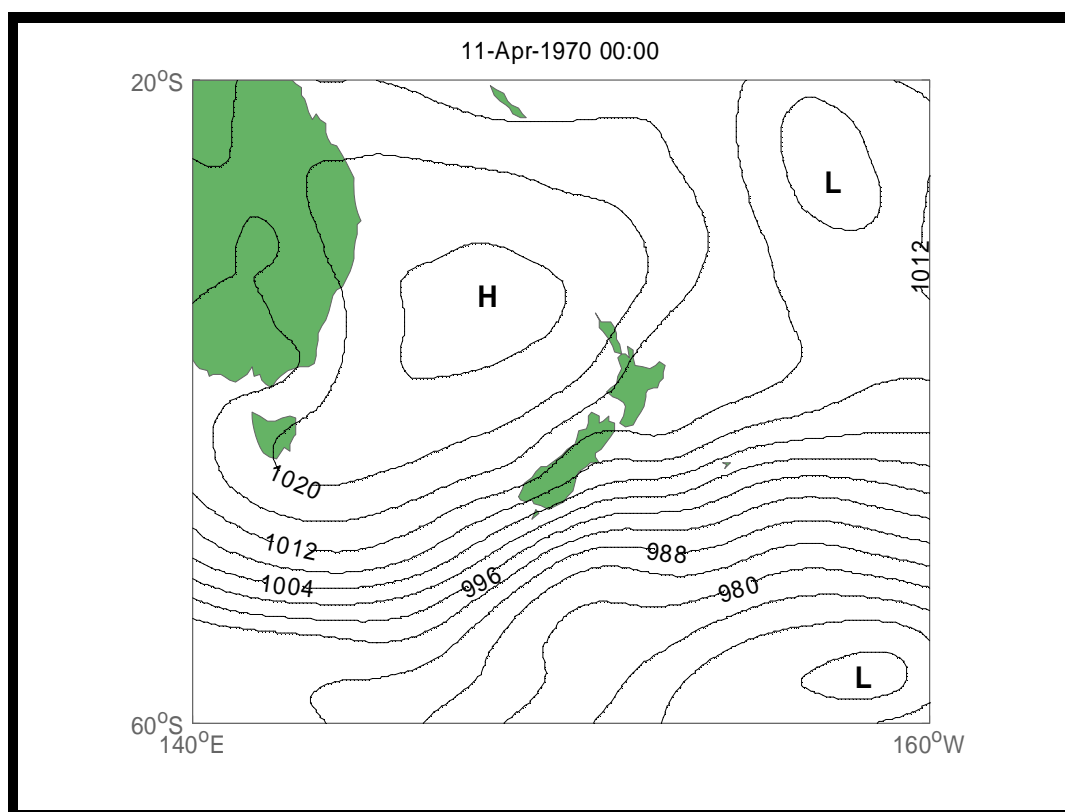


# Coastal Storm Database - Event Summary

Date: <b>11-12 Apr 1970</b>	Wind Direction:
Event Type: <b>Wave</b>	Gisborne Duration (Hours): -
Location: <b>Gisborne</b>	Wellington Duration (Hours): -
Origin: <b>Southern Ocean</b>	Pressure Gradient: <b>SSW to SW</b>
Type: <b>Trough</b>	



## Synoptic Conditions

The only available cause for the large swell in Gisborne is the passing of deep southern ocean cyclone south of NZ near 55S on the 8-9th. On the 9th a trough from this cyclone extended over NZ and a strong SSW to SW airstream on its western side stretched from near 60S northward to 45S. These winds would have generated the large swells along the east coast of NZ.

## Sea Conditions

Very heavy swell in Gisborne

## Impact Area

Gisborne

## Impacts and Damages

- Harbourmaster said 'very heavy' swell
- Heavy south swell affected vessels in Gisborne harbour by snapping mooring line and forcing dredge to leave Port

## Data Source

- 1 Swell at Port Snaps Lines: Vessel Moved: Gisborne Herald, 13/04/1970, p1