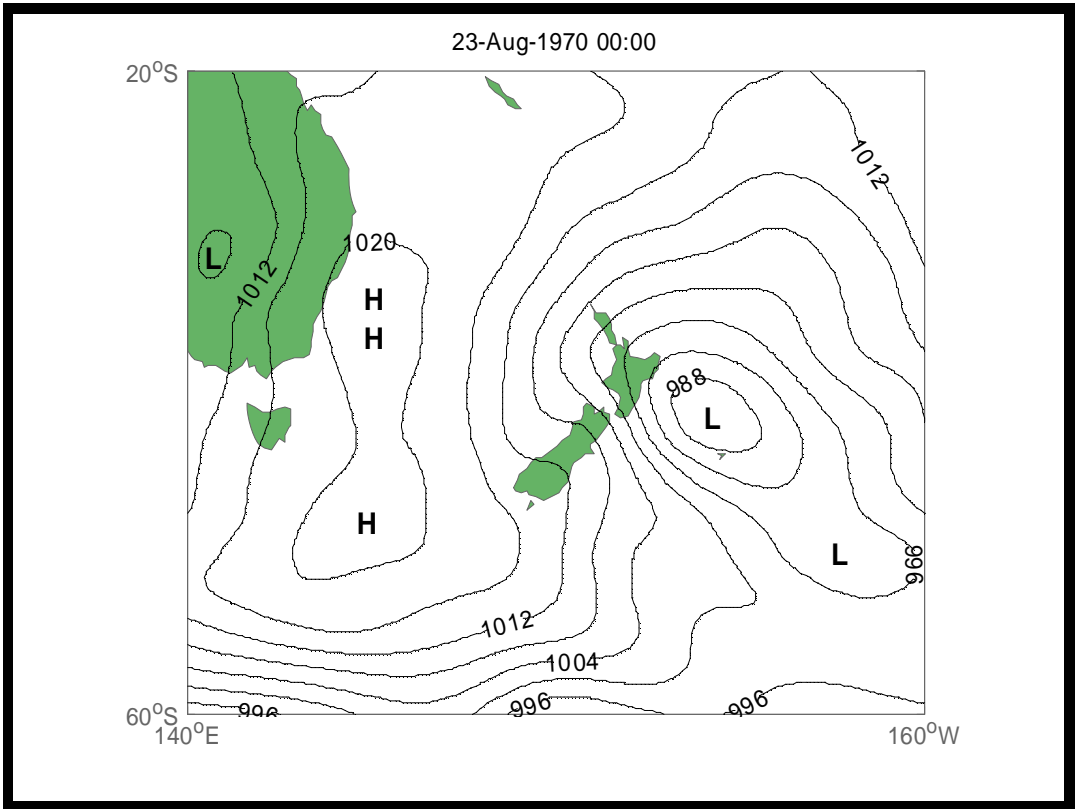


Coastal Storm Database - Event Summary

Date: 22-25 Aug 1970	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): 67
Origin: Tasman Sea	Pressure Gradient: SSE to SSW
Type: East Coast Low	



Synoptic Conditions

A cyclone from east of Bass Strait moved across the Tasman sea and through Cook Strait. On the 22nd it was situated off the Hawkes Bay coast and sat atop a ridge. A SSE to SE airstream developed between the ridge and cyclone over the upper South Island and strengthened throughout the day as a Tasman sea anticyclone extended a ridge over the South Island. The flow then shifted to the S to SSW as the cyclone moved away east and the intense anticyclone moved onto the South Island. The pressure gradient decreased on the 24th when the anticyclone centre covered NZ.

Sea Conditions

Heavy seas on Gisborne coast

Impact Area

Gisborne

Tauranga

Wellington

Mahia

Impacts and Damages

- Big seas have keep fishing fleet in Port
- Slips on East Coast Road
- Heavy snowfalls in hill country
- Heavy seas in the Bay of Plenty, estimated at ~40ft (12m) and northeast winds
- Yacht broke from moorings at Evans Bay
- Low cloud and rain prevented aircraft from landing at airport disrupting holiday makers
- 'Old Man Southerly' been blowing in Mahia for last two days

Data Source

- 1 Cargo Suffers when Giant Waves Smash into Roll-On Coaster in Bay of Plenty: Evening Post, 24/08/1970, p8
 - 2 Took the Sea to the Ship: Evening Post, 26/08/1970, p16
 - 3 Bad Weather Keeps Fleet in Port: Gisborne Herald, 24/08/1970, p10
 - 4 Storms Cause Only Minor Damage: Gisborne Herald, 24/08/1970, p1
 - 5 Capital Lashed by Frigid Southerly: Evening Post, 24/08/1970, p9
 - 6 Glum Holiday-Makers Pack Airport as Weather Stops Many Flights: Evening Post, 22/08/1970, p6
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