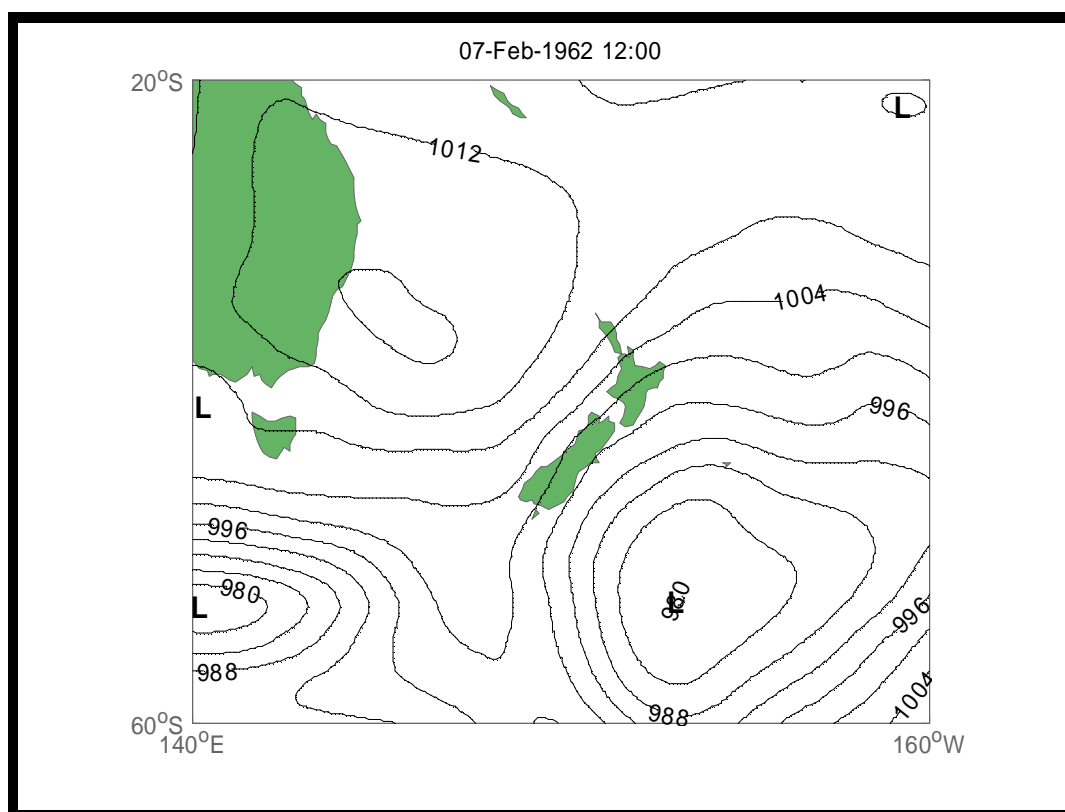


Coastal Storm Database - Event Summary

Date: 6-7 Feb 1962	Wind Direction: SW
Event Type: Wave	Gisborne Duration (Hours): -
Location: Gisborne	Wellington Duration (Hours): -
Origin: Southern Ocean	Pressure Gradient: SW
Type: Trough	



Synoptic Conditions

A southern ocean cyclone moved northeast-ward towards NZ and was southeast of Otago on the 5th. It was being followed by a large anticyclone that occupied the Tasman sea. Between these systems a SW airstream was created over NZ but was strongest to the south of NZ. The cyclone became slow-moving on the 6th while the anticyclone continued to move eastward and this maintained the strong pressure gradient (SW) over NZ. This situation created the large swell on the Gisborne coast.

Sea Conditions

No stormy weather but exceptionally high seas on Gisborne Coast; waves estimated at Port to be ~20ft

Impact Area

Gisborne

Impacts and Damages

- At Tatapouri, seas lapped over edge of grass fronting the old location of the Tatapouri Hotel; tides said to be at least 2-3ft above normal
- Lower level breakwater of harbour was submerged by waves
- The seawall or retaining wall at Kaiti Beach was damaged by large waves
- Exceptionally heavy seas at Waikanae Beach swept over beach and down Grey Street past the dairy leaving a trail of debris

Data Source

- 1 Another High Tide Today But Swell Subsides: Gisborne Herald, 9/02/1962, p4

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- 2 Large Logs Rolling as Heavy Seas Abate: Gisborne Herald, 8/02/1962, p8
 - 3 Rolling Seas Pound Beaches, Damage Wall at Kaiti: Gisborne Herald, 8/02/1962, p6
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