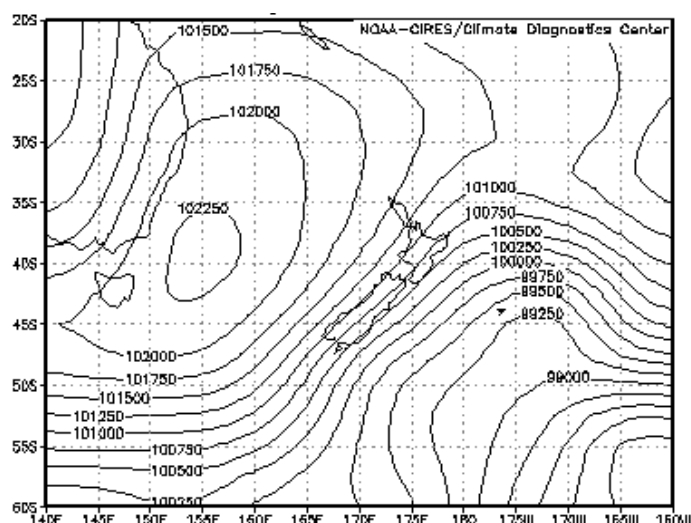


Coastal Storm Database - Event Summary

Date: 1-3 Dec 1954	Wind Direction: SW
Event Type: Wave	Gisborne Duration (Hours): -
Location: Gisborne	Wellington Duration (Hours): -
Origin: Southern Ocean	Pressure Gradient: SW
Type: Trough	

02-Dec-1954 0:00



Synoptic Conditions

A trough of low pressure from the Southern Ocean moved northward over and east of NZ. On the 1st, the trough was east of NZ (over the Chatham Islands) and had a large anticyclone to the westward. Between the anticyclone and trough a strong SW airstream was created and spread over NZ and continued to blow till the 3rd. This flow was responsible for the large waves felt on the Gisborne coast.

Sea Conditions

Big swells on Gisborne coastline

Impact Area

Gisborne

Impacts and Damages

- One coastal vessel forced to shelter at Tokomaru Bay
- Waves so large they could be seen from Peel Street intersection with Gladstone Road (i.e. in city centre)
- At Tatapouri Beach, waves coming right up to edge of sand dunes
- At Waikane beach waves breaking way to sea and washing right up beach
- Large surf at city beaches; large waves felt from Friday, through Saturday and Sunday

Data Source

- 1 Strong Surges at Waikanae a Bather's Hazard: Gisborne Herald, 6/12/1954, p8

