

Coastal Storm Database - Event Summary

Date: **10-11 Sep 1972**

Wind Direction:

Event Type: **Wave**

Gisborne Duration (Hours): -

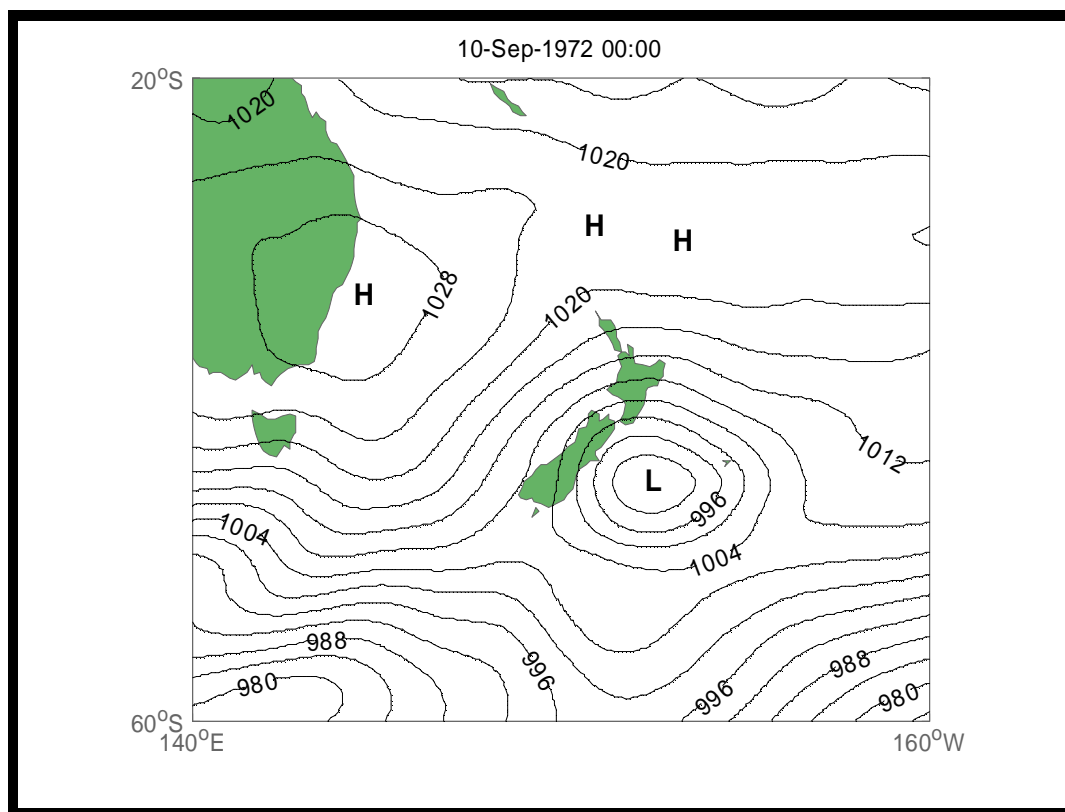
Location: **Gisborne**

Wellington Duration (Hours): -

Origin: **Tasman Sea**

Pressure Gradient: **S to SW**

Type: **East Coast Low**



Synoptic Conditions

A cyclone developed in the Tasman sea east west of the South Island from a southern ocean trough and travelled eastward. On the 9th it was off the Otago coast and had a strong southerly airstream on its western side and this later turned to a SW as the cyclone moved over the Chathams. This cyclone generated the large waves experienced on the Gisborne coast.

Sea Conditions

4.5m swell in Poverty Bay

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
10-Sep-72	82 (NW)		87 (S)
11-Sep-72	33 (NW)		39 (N)

Impact Area

Gisborne

Impacts and Damages

- Waves in Poverty Bay estimated at 15ft (4.5m) and at times breaking over part of the Port breakwater
- About 20ft of wharf fendering damaged due to surge in harbour moving overseas vessels up and down up to 2ft

Data Source

