

# Coastal Storm Database - Event Summary

Date: <b>28-30 Dec 1933</b>	Wind Direction:
Event Type: <b>Wind/Wave/Erosion</b>	Gisborne Duration (Hours): -
Location: <b>Gisborne/Wellington</b>	Wellington Duration (Hours): -
Origin: <b>Eastern NZ</b>	Pressure Gradient: <b>S to SW</b>
Type: <b>East Coast Low</b>	

## Synoptic Conditions

Main cause of the strong winds was a development on 28th of a cyclone off East Cape and then deepened and moved southeastward towards the Chatham Islands; at the same time a ridge of high pressure spread onto the lower South Island. A steep pressure gradient developed and created a strong southerly airstream over the eastern coast of the North Island. On the 29th the pressure at the Chatham Islands was 986 hPa while over Otago pressures were as high as 1018 hPa.

## Sea Conditions

Heavy seas on Gisborne and Wellington coast

## Impact Area

Gisborne

## Impacts and Damages

- Tomoana buoy in Poverty Bay broke from moorings
- Driftwood carried onto and over road at Turihaua by heavy seas
- Harbour breakwater totally submerged by waves
- Wind was so strong it was difficult to stand on beach
- Heavy seas in Poverty Bay; heaviest very seen by residents
- Bach at Wainui Beach blown down
- Trees blown down, telephone lines disrupted
- Many tents ripped at Waikanae campground on beachfront
- Further erosion at Muritai (Eastbourne) with sand-dunes getting eroded further landward
- Waves broke over the ferries in Cook Strait and experienced heavy seas
- Heavy seas lashed bays on eastern side of harbour (Days Bay to Eastbourne)
- Launch wrecked on Petone Beach

Wellington

## Data Source

- 1 Damage in Poverty Bay: Evening Post, 30/12/1933, p12
- 2 Gale Continues - Southerly Weather - Wide Area Affected - Damage to Crops: Evening Post, 30/12/1933, p12
- 3 No Harbour Damage - Buoy Breaks Adrift: Gisborne Herald, 30/12/1933, p6
- 4 Telegraph Lines Suffer - Big Staff out Today: Gisborne Herald, 30/12/1933, p6
- 5 Southerly Gale - Worst for Years - Many Trees Blown Down - Campers Wild Night: Gisborne Herald, 30/12/1933, p6
- 6 Wild Weather - A Touch of Winter - Squalls and Thunder - Outlook not Bright: Evening Post, 29/12/1933, p6
- 7 The Southerly Storm - Rough Seas in Harbour - Small Craft in Trouble: Evening Post, 29/12/1933, p8
- 8 Rain, Hail and Sleet - Canterbury Storms: Gisborne Herald, 29/12/1933, p8