

Coastal Storm Database - Event Summary

Date: 16-18 Dec 1930	Wind Direction:
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Napier	Wellington Duration (Hours): -
Origin: Tasman Sea	Pressure Gradient: SSE to SW
Type: East Coast Low	

Synoptic Conditions

A cyclone developed in the Tasman sea, crossed NZ and intensified considerably. On the 16th this cyclone was over the Chatham Islands where a low pressure reading of 989 hPa was recorded. At the same time an anticyclone was advancing on to NZ. This created a steep pressure gradient over NZ and a strong southerly airstream.

Sea Conditions

Heavy seas at Mahia

Impact Area

Mahia

Impacts and Damages

- Heavy seas on Mahia coast
- Damage to construction work of new breakwater at Waikokopu
- One of heaviest southerly gale on record at Waikokopu during past 3 days

Data Source

- 1 Southerly Gale - Trouble at Waikokopu: Gisborne Herald, 19/12/1930, p7