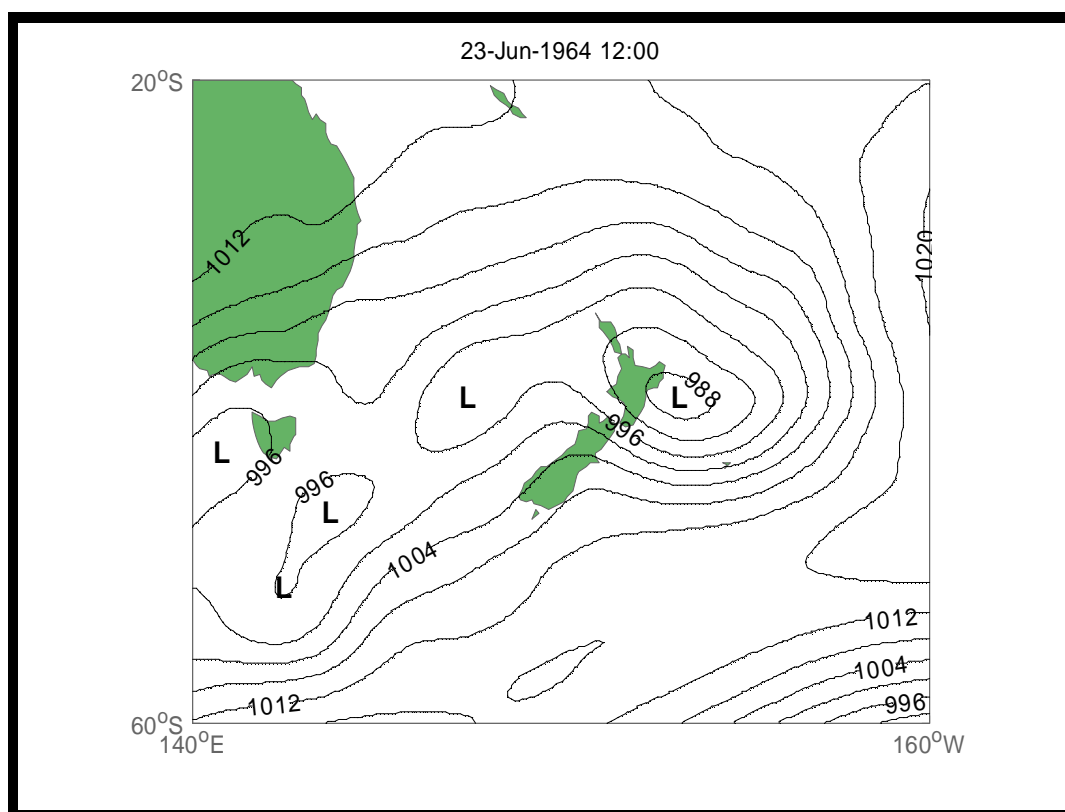


Coastal Storm Database - Event Summary

Date: 23-24 Jun 1964	Wind Direction: S
Event Type: Wind/Wave/Erosion	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): 43
Origin: Tasman Sea	Pressure Gradient: S to SE
Type: East Coast Low	



Synoptic Conditions

A cyclone developed in the Tasman sea east of Bass Strait from a southern ocean trough and a secondary centre then branched off further northeast-ward (west of North Cape). The cyclone then traversed the North island and had a large west-ward branching trough in the Tasman seas. On the 23rd the cyclone was east of the Hawkes Bay coast and had a strong SE airstream on its southern side that swept over the lower North Island and upper South Island. The intense pressure gradient was supported a ridge of high pressure south of the Chatham Islands. The flow veered to the S to SSE on the 24th when the cyclone was over the Chatham Islands and had weakened.

Sea Conditions

Heavy seas around Gisborne

Impact Area

Gisborne

Impacts and Damages

- High tides and heavy seas eroded Kaiti Beach Road
- Heavy downpour of 3.68in of rain in 24hours from 9am 22nd to 9am 23rd
- Surface flooding and rivers very swollen
- Gale force winds flattened fences and uprooted trees

Data Source

- 1 Sea Erosion on Kaiti Beach Road: Gisborne Herald, 24/06/1964, p8

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- 2 Gale Winds and Heavy Rain on Coast - Gisborne Has 3.68inches, Heaviest Since January 1961:
Gisborne Herald, 23/06/1964, p8
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