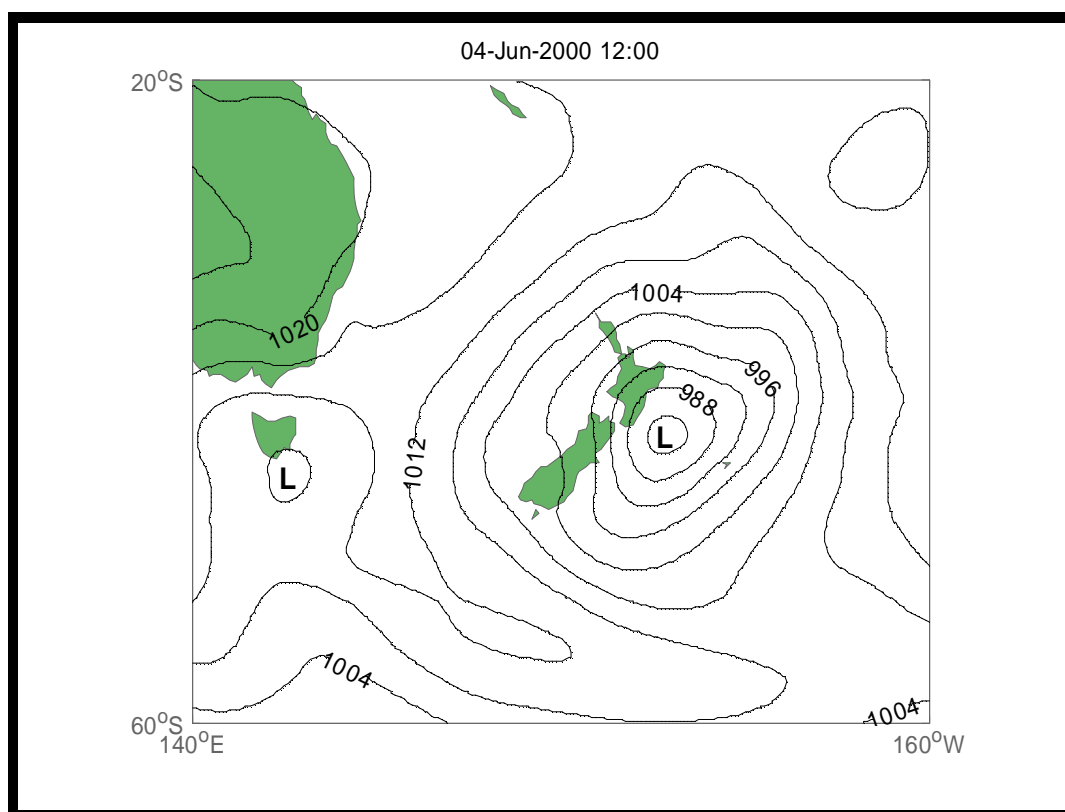


Coastal Storm Database - Event Summary

Date: 4-5 Jun 2000	Wind Direction:
Event Type: Wave	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): -
Origin: Southern Ocean	Pressure Gradient: S to SSW
Type: East Coast Low	



Synoptic Conditions

A secondary cyclone formed from a southern ocean trough SW of the South Island and moved northward into the Tasman sea. It then passed over NZ and another centre formed in the north Tasman sea from its trough. This secondary centre passed through Cook Strait and intensified into a large cyclonic system. On the 4th this cyclone was east of Cook Strait and a strong southerly on its western side swept through Cook Strait. As the cyclone moved eastward the flow veered to the SSW and spread over the entire eastern North Island and was most intense over the upper North Island on the 5th

Sea Conditions

7m swells in Cook Strait
4m swells at Wellington Heads

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
04-Jun-00			93 (S)
05-Jun-00			78 (SW)

Impact Area

Gisborne

Impacts and Damages

- Large-scale rip embayment erosion in the central part of Wainui Beach (north of Oneroa Road); gabion baskets exposed
- Big seas in Gisborne

Impact Area

Wellington

Impacts and Damages

- Surface flooding in Hutt Valley
- Debris left on roads around harbour (Eastern Bays and Island Bay)
- Waves up to 7m in Cook Strait; forced cancellation of all fast ferries and some inter-island ferries crossings

Data Source

- 1 Wild Weekend Causes Floods, Road Crashes: Evening Post, 5/06/2000, p3
 - 2 Storm Wreaks Havoc on Roads: Gisborne Herald, 5/06/2000, p6
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