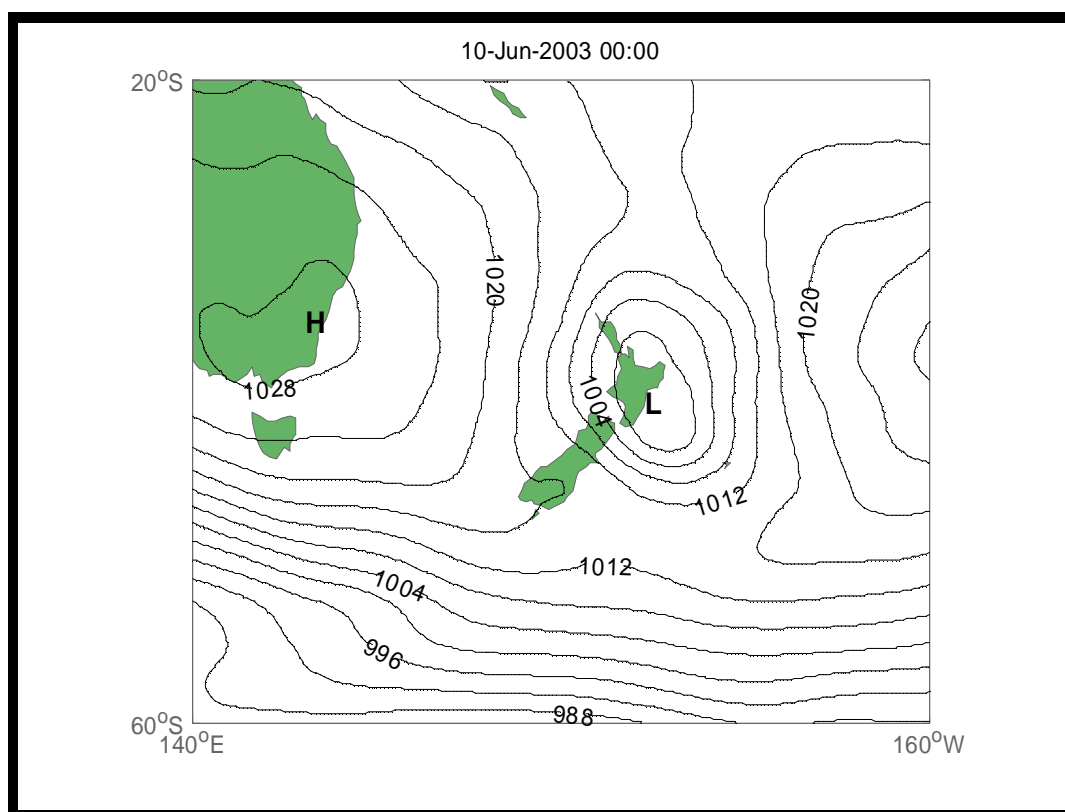


Coastal Storm Database - Event Summary

Date: 9-11 Jun 2003	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 41
Origin: Tasman Sea	Pressure Gradient: SSE to SE
Type: East Coast Low	



Synoptic Conditions

A secondary cyclone developed from a southern ocean trough in the central Tasman sea and while crossing the North Island intensified. At this time the cyclone was embedded between two large anticyclones. On the 9th the cyclone was situated over Hawkes Bay and had a very strong SSE to SE flow on its western side that swept through the Cook Strait area and over the upper South Island. This strong SSE flow then spread up the eastern North Island as a ridge extended over the South Island and then onto the North Island

Sea Conditions

Large waves over road at Eastbourne

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	9.4	8
Napier	4.7	11

*Maximum Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
09-Jun-03			108 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
10-Jun-03			100 (S)
11-Jun-03			67 (S)

Impact Area

Wellington

Impacts and Damages

- Road to Eastbourne closed as large waves swept across it
- Roofs lifted off houses, winds blown in, surface flooding around city
- Yacht washed ashore at Evans Bay; moorings broken at Porirua harbour
- Some flight diversions from airport

Data Source

- 1 Lower North Island Mops Up But Better Weather is on the Horizon: Gisborne Herald, 11/06/2003, p7
 - 2 Southerly Blast Causes Mayhem: Gisborne Herald, 10/06/2003, p6
 - 3 Capital Mops up After Severe Pounding: Dominion Post, 11/06/2002, p1
 - 4 Wind and Rain Brings Chaos to Capital: Dominion Post, 10/06/2003, p1
-