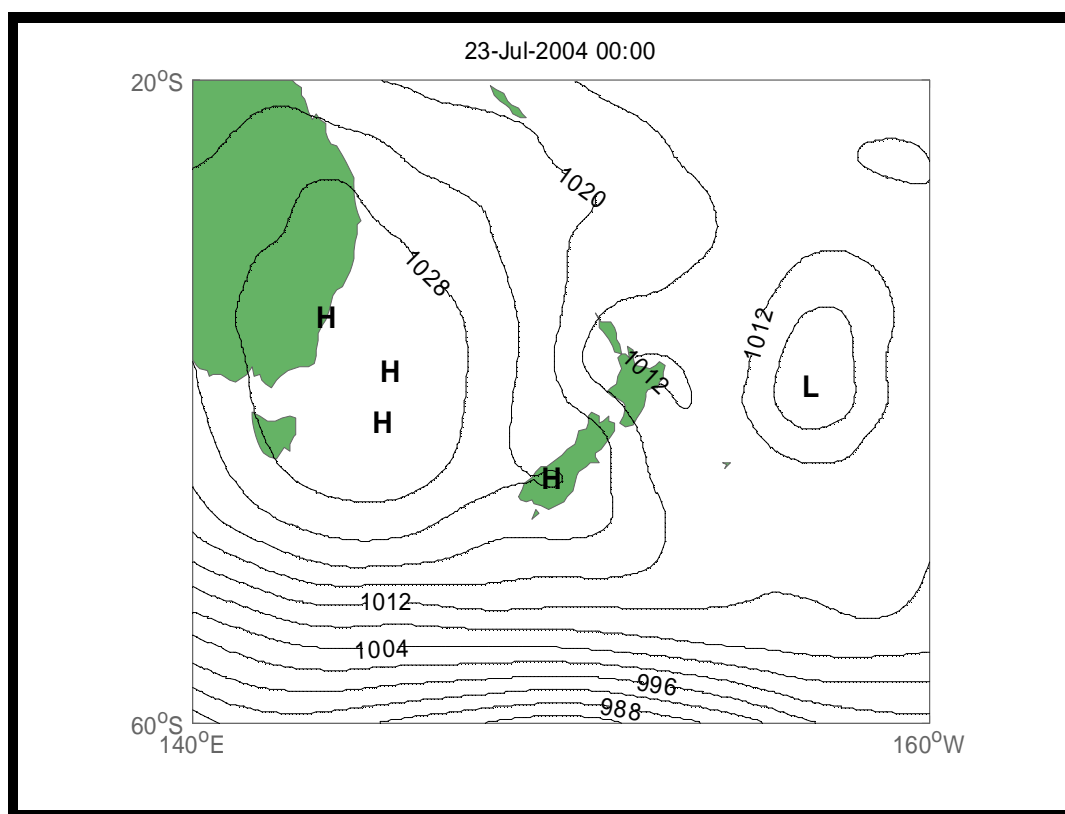


Coastal Storm Database - Event Summary

Date: 22 Jul 2004	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): -
Origin: Southern Ocean	Pressure Gradient: S to SSE
Type: Trough	



Synoptic Conditions

An anticyclone from the Great Australia Bight moved eastward and whilst in the Tasman sea extended a ridge eastward that covered most of NZ. This anticyclone collided with a southern ocean trough of low pressure over East Cape (as extending from a cyclone further eastward and a S to SSE airstream was created and swept through the Cook Strait area.

Sea Conditions

Swells upto 7.2m on Wellington south coast

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	8.6	8
*Maximum Wave Height		

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
22-Jul-04			83 (S)

Impact Area

Impacts and Damages

Impact Area

Gisborne

Impacts and Damages

- Slip at Makorori threatens one home
 - Snow fall in high country
- Wellington
- Snow around city hills
 - Giant swells upto 6m in Cook Strait
-

Data Source

- 1 Nightmare Trip for Ferry Passengers: Gisborne Herald, 23/07/2004, p6
 - 2 Many Motorists Stranded as Heavy Snow Closes North Island Roads: Gisborne Herald, 24/07/2004, p7
 - 3 District Drenched: Gisborne Herald, 24/07/2004, p1
 - 4 Eight Hours in this - Engine Trouble Hits in Storm: Dominion Post, 23/07/2004, p1
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