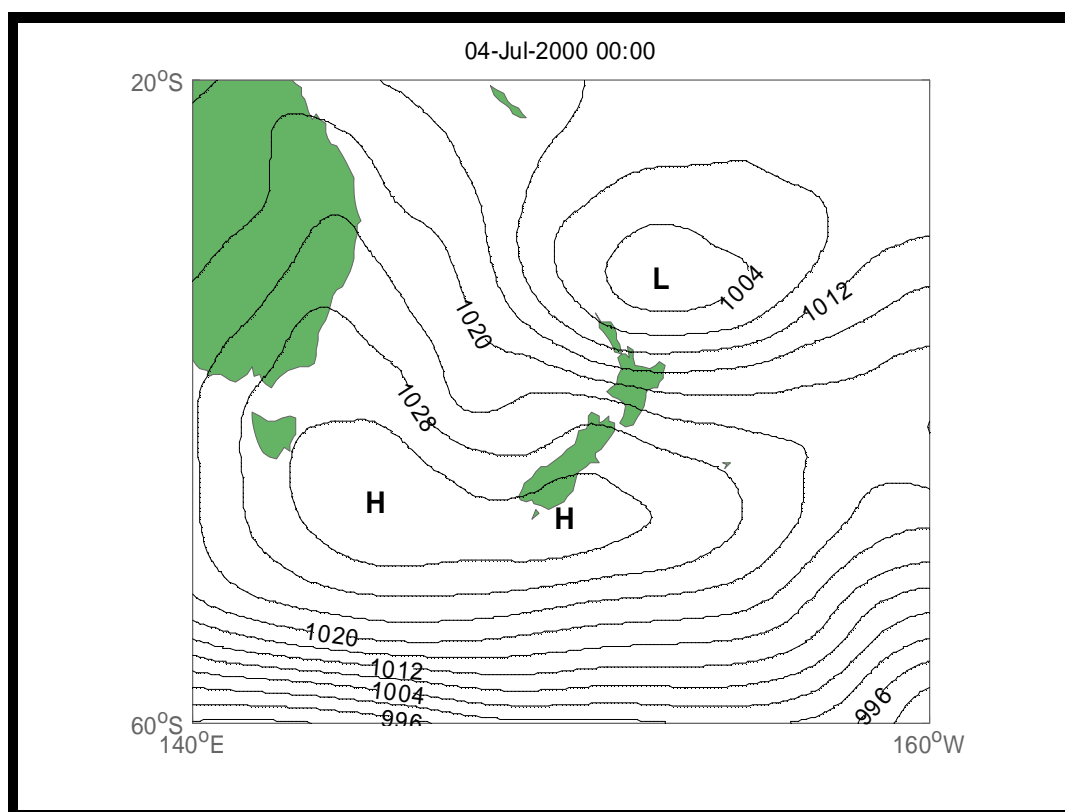


Coastal Storm Database - Event Summary

Date: 3-4 Jul 2000	Wind Direction: S
Event Type: Wind/Wave/Erosion	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): 25
Origin: Tasman Sea	Pressure Gradient: E
Type: Subtropical Low	



Synoptic Conditions

A cyclone northeast of Bass Strait moved northeast-ward past North Cape. At the same time a large intense anticyclone from the Great Australian Bight spread a ridge over the South Island. On the 3rd the cyclone was north of East Cape atop this ridge and between them a strong easterly developed over the eastern North Island being most intense over the upper eastern North Island and remained a strong easterly through till the 5th. This easterly flow blew over a large fetch that extended from around 170°W to eastern NZ until the 5th and thereafter the flow weakened but continued from the E to ENE.

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
03-Jul-00			72 (S)
04-Jul-00			67 (S)

Impact Area

Gisborne

Eastern
Coromandel

Impacts and Damages

- Large storm waves at Wainui Beach reached up to the primary foredune and caused erosion at numerous places along the shoreline
- Some houses left with only 5-6m between houses and edge of sand-dune at Buffalo Beach
- Sandbagging of houses at Buffalo Beach, Whitianga due to high tides and big seas

Data Source

- 1 Winds Die Down as Storm Moves Away: Gisborne Herald, 5/07/2000, p6
 - 2 Flood Threat Abates in Coromandel: Gisborne Herald, 4/07/2000, p7
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