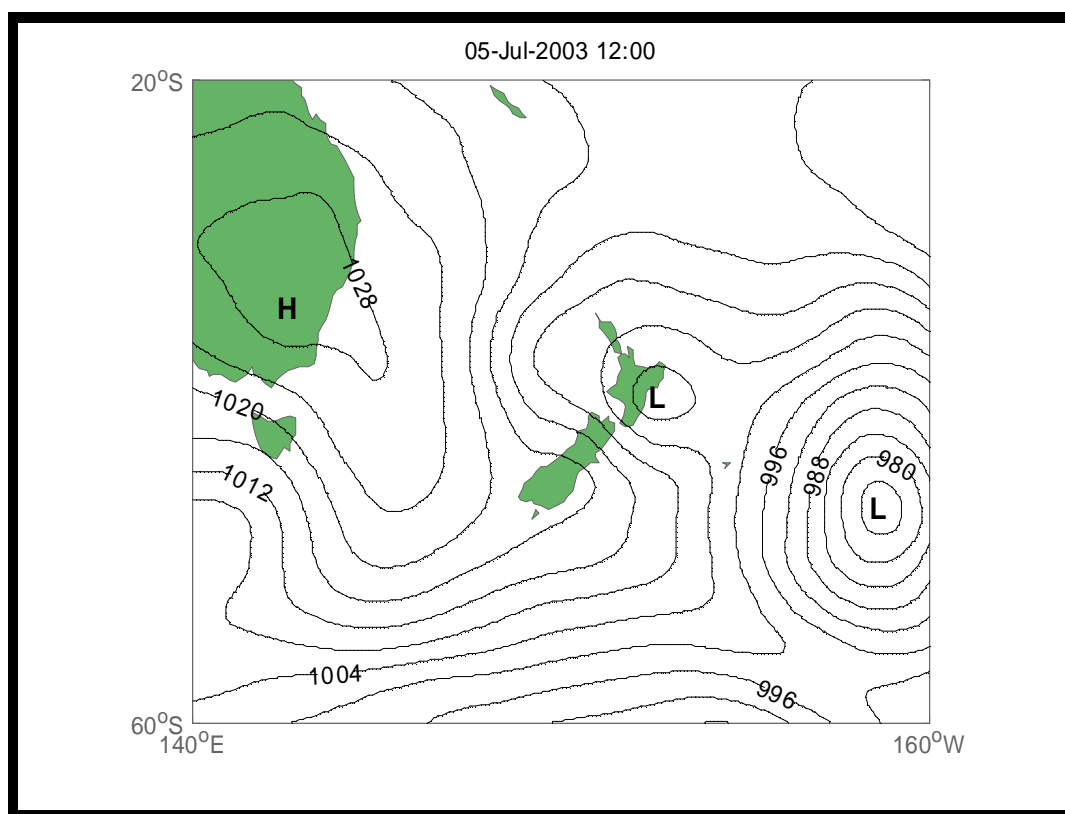


Coastal Storm Database - Event Summary

Date: 5-6 Jul 2003	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 31
Origin: Subtropics	Pressure Gradient: SSE to SE
Type: East Coast Low	



Synoptic Conditions

A cyclone developed off the Brisbane coast, moved southward towards Sydney and then tracked across the Tasman sea and Northland. On the 4th it was far east of the Chathams but extended a trough to the east that covered most of NZ. At the same time a large anticyclone in the north Tasman sea spread a ridge to the SE that covered the lower South Island. Between these two features a strong SSE to SE flow was created and affected the upper South Island and Cook Strait area and later spread up over the entire eastern North Island.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	8.8	9
Napier	4.3	10
*Maximum Wave Height		

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
05-Jul-03			96 (SE)
06-Jul-03			70 (S)

Impact Area

Napier

Wairarapa

Impacts and Damages

- Snow down to sea level on highways from Napier to Wairoa
 - Power outage
-

Data Source

- 1 More than 1000 Still Without Power After Storm: Dominion Post, 8/07/2003, p3
 - 2 Snow Storms Cut Power, Strand Motorists: Dominion Post, 7/07/2003, p1
 - 3 District Shivers in Polar Blasts Wake: Gisborne Herald, 7/07/2003, p1
 - 4 Lucky Escape as Ferry Slams Boat: Dominion Post, 7/07/2003, p1
 - 5 Polar Blast Rolls Northward: Dominion Post, 7/07/2003, p1
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