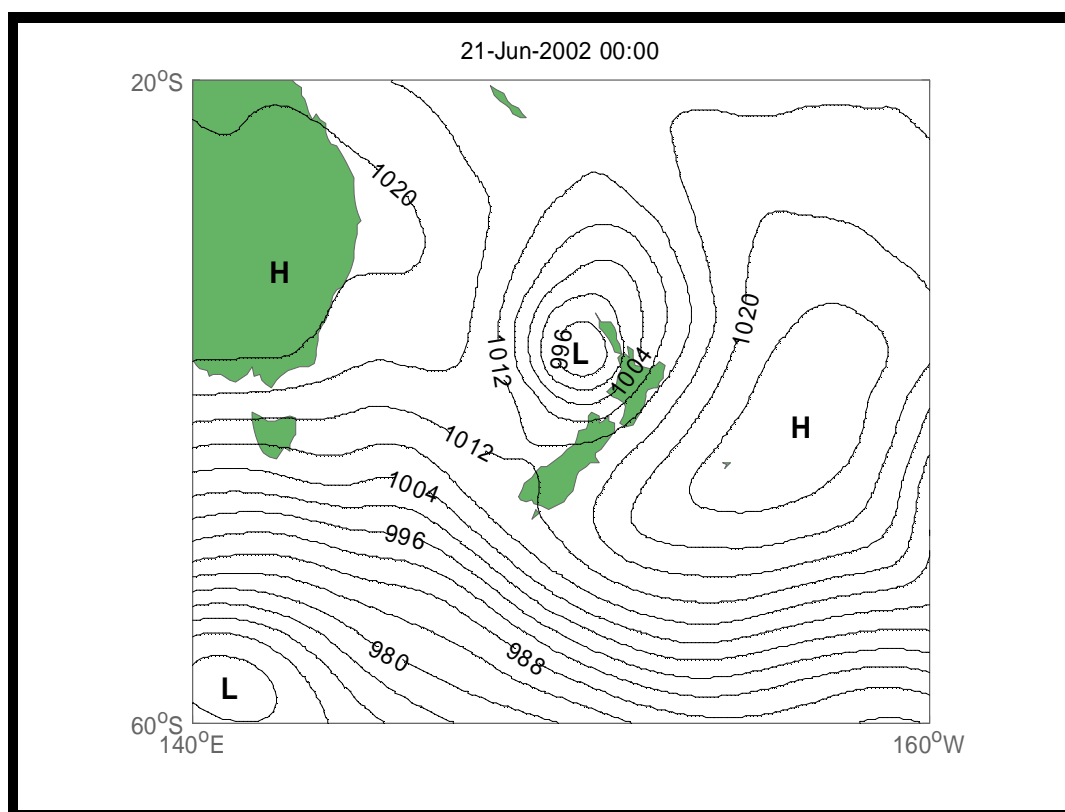


Coastal Storm Database - Event Summary

Date: 20-21 Jun 2002	Wind Direction:
Event Type: Wave	Gisborne Duration (Hours): -
Location: Napier	Wellington Duration (Hours): -
Origin: Subtropics	Pressure Gradient: NE
Type: Cyclone-Anticyclone Pair	



Synoptic Conditions

A small cyclone developed to the northwest of North Cape from a subtropical trough extending from New Caledonia. It then moved rapidly southeast across the North Island and central pressures fell by 24 hPa in 24 hours in the process. At the same time a large intense anticyclone was over the Chatham Islands. Between these two systems, a strong NE airstream developed over the upper North Island. This storm has been described by meteorologists as a classic meteorological "bomb" - a cyclone that underwent rapid intensification

Sea Conditions

Waves estimated at 5-6m at Napier

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	5.8	8
*Maximum Wave Height		

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
20-Jun-02			46 (SE)
21-Jun-02			70 (S)

Maximum Wind Gusts (kph and dir)

	Date	Gisborne	Napier	Wellington
<hr/>				
Impact Area	Impacts and Damages			
Gisborne	<ul style="list-style-type: none">Waves estimated at 5-6m and upto 12m off Napier coast during yacht rescue			
Whakatane	<ul style="list-style-type: none">Boat sunk in Whakatane harbour			

Data Source

- 1 Storm Sinks Boat in Whakatane Harbour: Gisborne Herald, 21/06/2002, p31
 - 2 Men Forced to Abandon Yacht off Cape: Gisborne Herald, 22/06/2002, p41
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