

Coastal Storm Database - Event Summary

Date: **30-1 Apr 2005**

Wind Direction: **S**

Event Type: **Wind/Wave**

Gisborne Duration (Hours): **-**

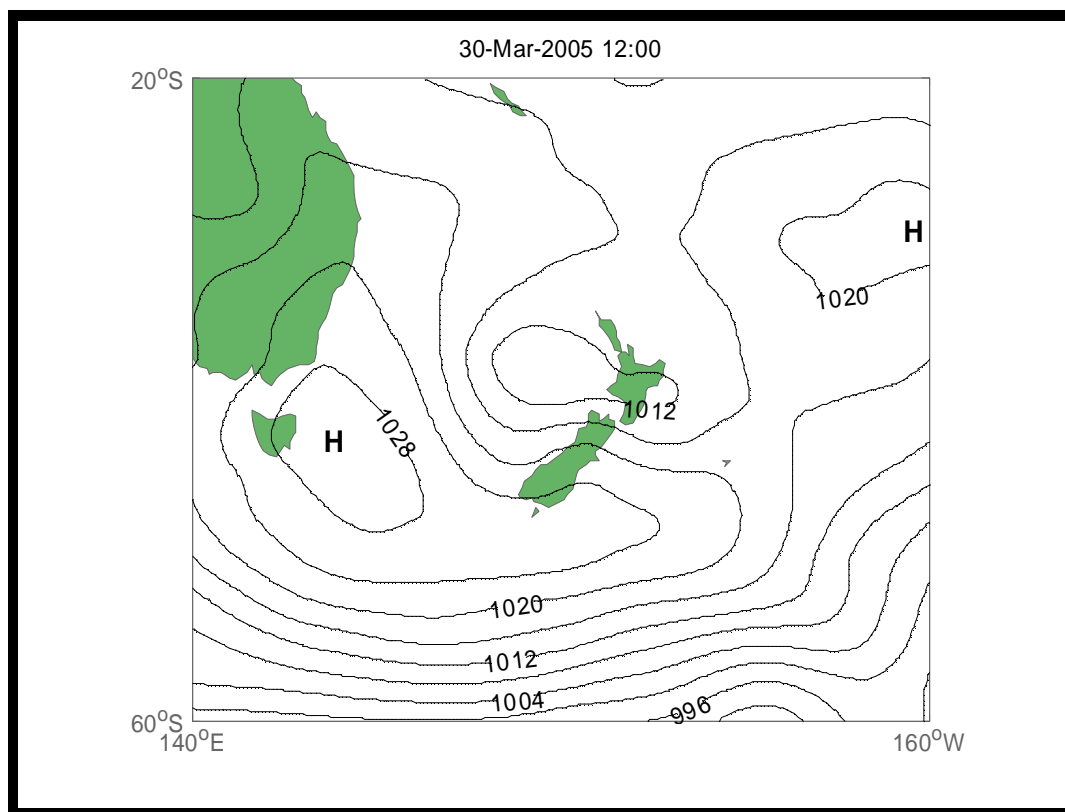
Location: **Wellington**

Wellington Duration (Hours): **52**

Origin: **Tasman Sea**

Pressure Gradient: **E to SE**

Type: **Tasman Sea Low**



Synoptic Conditions

A cyclone developed from a southern ocean trough in the Tasman sea (west of Auckland). At the same time a large intense anticyclone in the south Tasman sea extended a ridge to the east across the South Island. Between these two features a E to ESE airstream developed over the upper South Island and in Cook Strait and was continued through the 30th and 31st.

Sea Conditions

Large seas on Wellington south coast

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	7.9	8
Napier	2.3	8

*Maximum Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
30-Mar-05			80 (S)
31-Mar-05			87 (S)

Maximum Wind Gusts (kph and dir)

	Date	Gisborne	Napier	Wellington
	01-Apr-05			59 (S)
Impact Area	Impacts and Damages			
Wellington	<ul style="list-style-type: none">• All Lynx Fast ferries cancelled• Residents at Mataikona, Cape Palliser, White Rock, Te Awaiti isolated by road washouts and slips• Houses evacuated in coastal Wairarapa due to massive surface flooding and major slips			
Wairarapa				

Data Source

- 1 Towns Awash in 'Freakish' Storm: Dominion Post, 1/04/2005, p7
 - 2 Airdrops for Flood Victims: Dominion Post, 1/04/2005, p1
 - 3 Evacuation from Storm-hit Coast: Dominion Post, 31/03/2005, p3
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