

Coastal Storm Database - Event Summary

Date: **21-22 Aug 2003**

Wind Direction: **S**

Event Type: **Wind/Wave**

Gisborne Duration (Hours): **-**

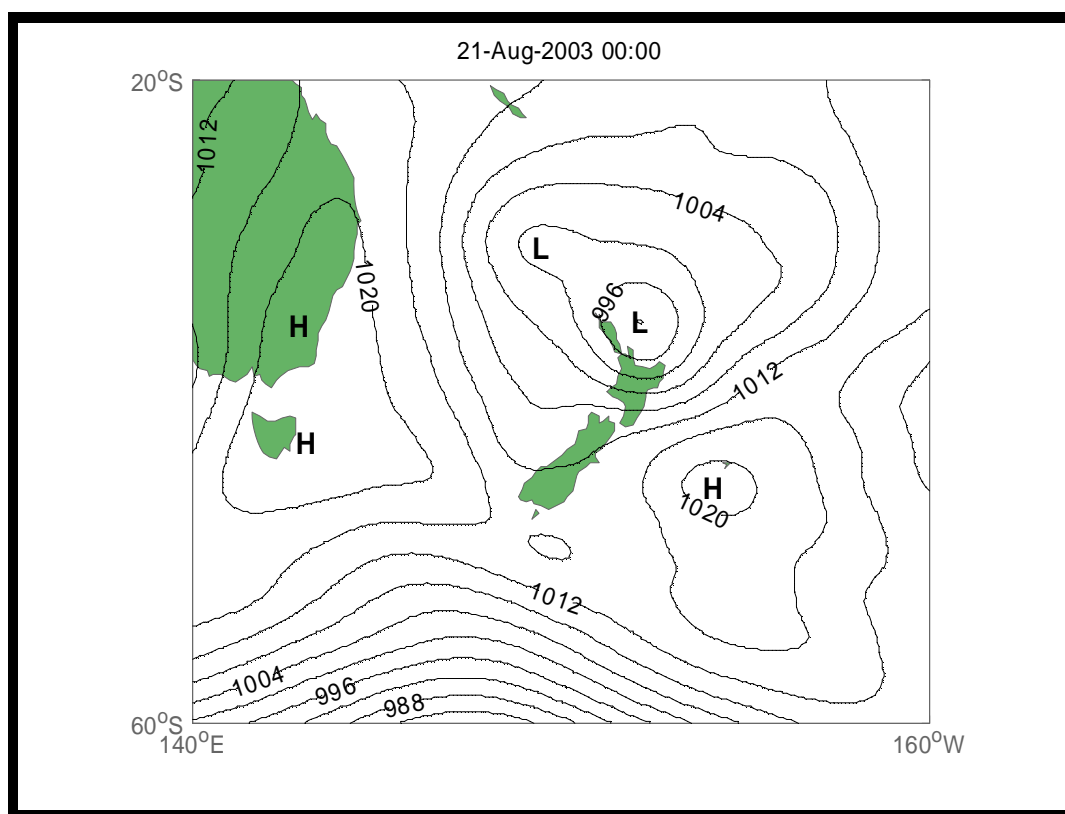
Location: **Wellington**

Wellington Duration (Hours): **14**

Origin: **Subtropics**

Pressure Gradient: **ESE to E**

Type: **East Coast Low**



Synoptic Conditions

A cyclone from near New Caledonia moved south to southeast-ward towards NZ. On the 21st this subtropical cyclone was over Northland and had a strong ESE to E flow on its southern side that affected the upper South Island and Cook Strait area. There was also a large anticyclone to the south of the Tasman sea covering the lower South Island and between them the easterly flow was maintained through Cook Strait and spread along the entire eastern North Island through to the 23rd.

Sea Conditions

Heavy seas off Wellington South Coast

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	7.7	8
Napier	6.9	10

*Maximum Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
21-Aug-03			83 (S)

Maximum Wind Gusts (kph and dir)

	Date	Gisborne	Napier	Wellington
	22-Aug-03			78 (S)
Impact Area	Impacts and Damages			
Wellington	<ul style="list-style-type: none">• Heavy seas off Pencarrow head			

Data Source

- 1 Skifields Rejoice in 'Wall-to-Wall' Snow: Gisborne Herald, 25/08/2003, p24
 - 2 Pilot Tells of Fight to Keep Crippled Ship off Rocks: Dominion Post, 23/08/2003, p3
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