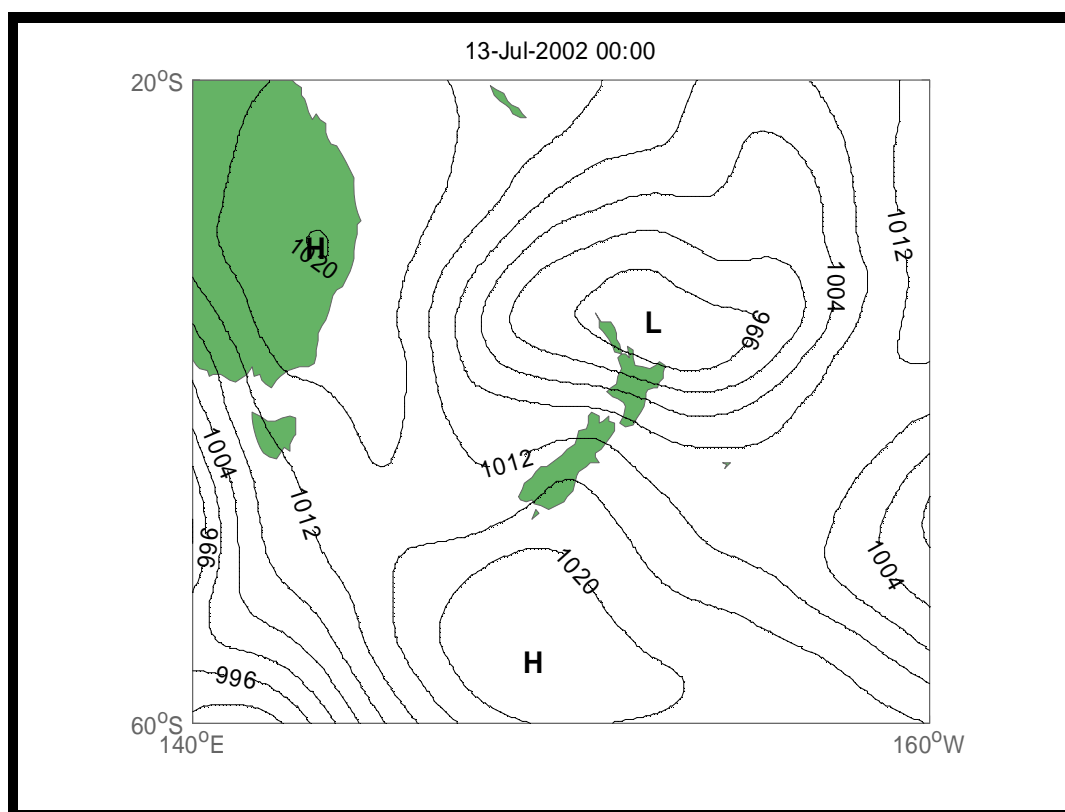


Coastal Storm Database - Event Summary

Date: 12-15 Jul 2002	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): 9
Location: Napier/Wellington	Wellington Duration (Hours): 72
Origin: Tasman Sea	Pressure Gradient: S to SSE
Type: East Coast Low	



Synoptic Conditions

A cyclone developed in the Tasman sea from a passing southern ocean trough and moved eastward across the North Island. On the 12th this cyclone was north of East Cape and the strong easterly on its southern side swept over the eastern North Island. The flow then veered to the SSE on the 13th as the cyclone moved east and continued to affect the entire eastern North Island through to the 15th. The strong pressure gradient was enhanced by the presence of an intense anticyclone well south of NZ.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	11.6	10
Napier	6.0	12

*Maximum Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
12-Jul-02			65 (S)
13-Jul-02			74 (S)
14-Jul-02			102 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
15-Jul-02			89 (S)
