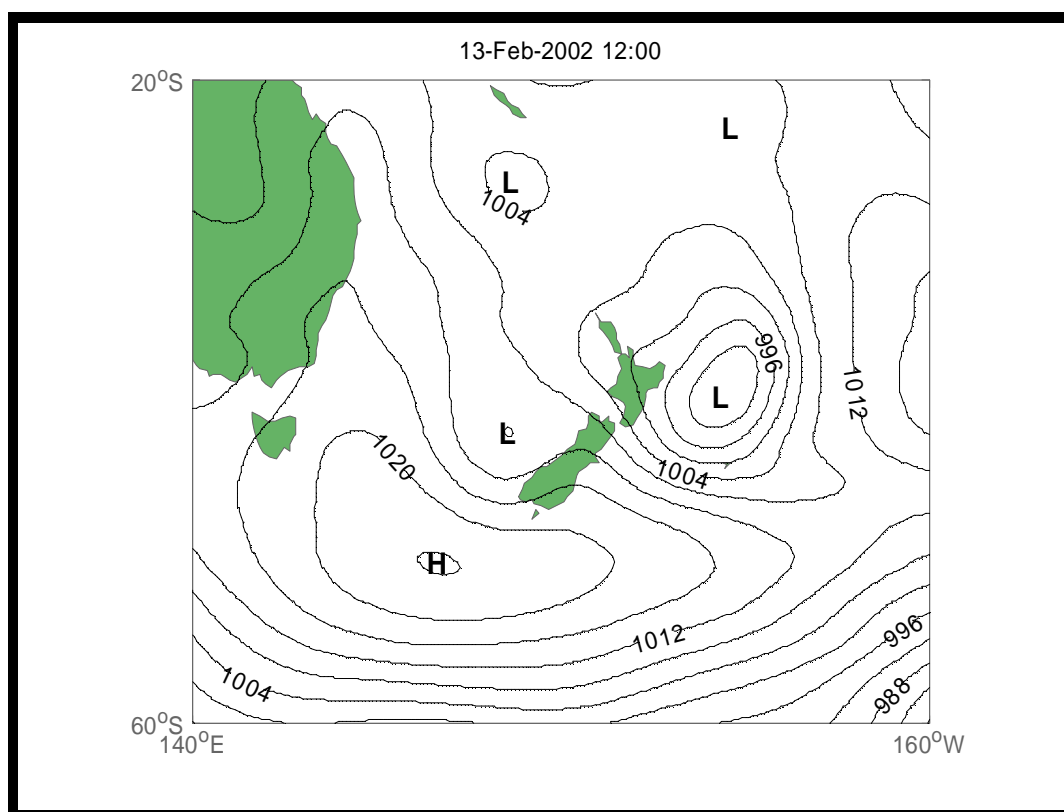


Coastal Storm Database - Event Summary

Date: 13-15 Feb 2002	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): 46
Origin: Tasman Sea	Pressure Gradient: SSE to SE
Type: East Coast Low	



Synoptic Conditions

A cyclone developed north of East Cape on the 12th from a large area of low pressure that was over the north Tasman Sea and NZ area. At the same time a large anticyclone was south of the Tasman sea and covered the lower South Island. On the 13th these two systems combined and a very strong SSE to SE airstream developed between them and swept over central eastern NZ. This intense flow then moved up the eastern North Island and weakened on the 14th while the winds remained from the SE.

Sea Conditions

Swell estimated at 4.5m in Gisborne

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	7.0	8
*Maximum Wave Height		

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
13-Feb-02			74 (S)
14-Feb-02			72 (S)

Maximum Wind Gusts (kph and dir)

	Date	Gisborne	Napier	Wellington
	15-Feb-02			63 (S)
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Impact Area	Impacts and Damages			
Gisborne	● Swell estimated at 4.5m in Poverty Bay; ship reported peak of 6m			
Wellington	● Three ferry crossings cancelled			

Data Source

- 1 Disaster Looms if Ship Splits: Dominion Post, 14/02/2002, p1
 - 2 Swell Big but Les Energy: Gisborne Herald, 13/02/2002, p2
 - 3 Weather Forces Ferry Cancellations: Gisborne Herald, 14/02/2002, p3
 - 4 No Danger to Residents: Gisborne Herald, 15/02/2002, p2
 - 5 Attempt on Hold: Gisborne Herald, 14/02/2002, p1
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