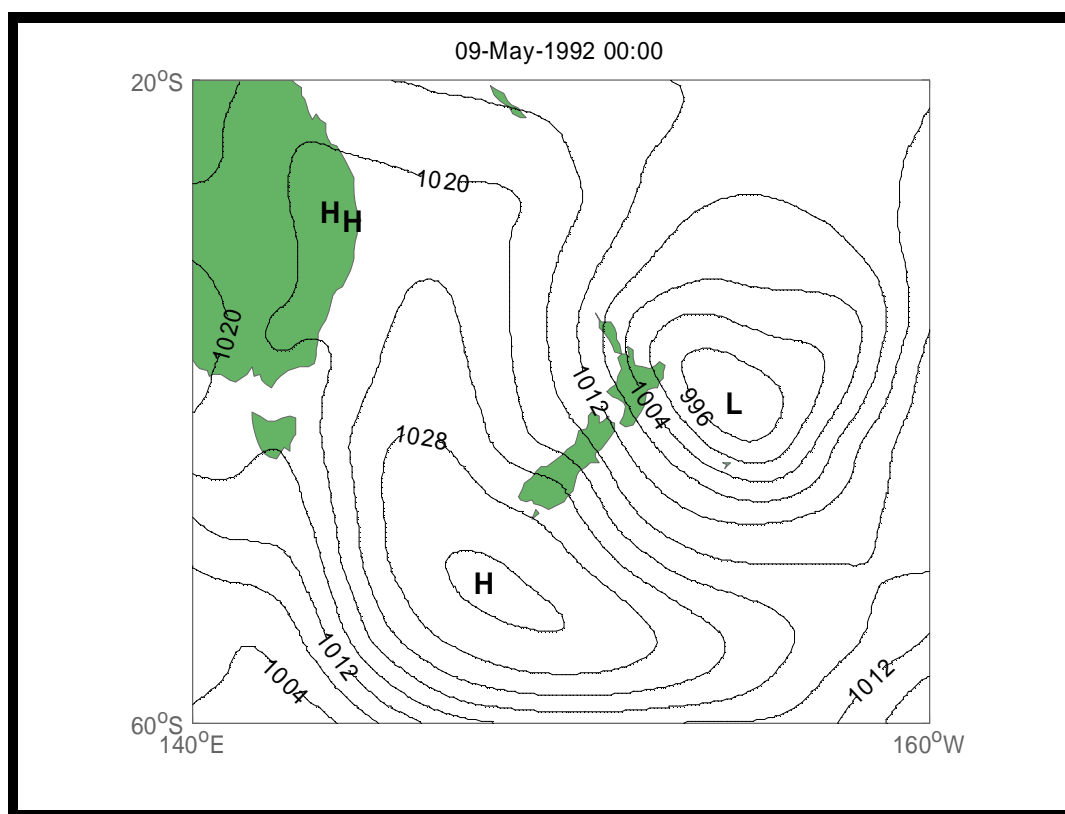


Coastal Storm Database - Event Summary

Date: 8-10 May 1992	Wind Direction: SW
Event Type: Wind/Wave/Erosion	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 55
Origin: Eastern NZ	Pressure Gradient: S to SE
Type: East Coast Secondary Low	



Synoptic Conditions

A secondary cyclone developed north of the Chatham Islands from a southern trough on the 8th. This secondary cyclone then intensified and covered the entire North Island with a very strong SE airstream on the 9th and 10th as the cyclone became near-stationary by the Chatham Islands. This strong pressure gradient was supported by a large intense anticyclone to the south of NZ that covered the South Island. The flow later veered to the south as the cyclone continued to intensify on the 9th and 10th. The stationarity of the cyclone could be linked to the blocking effect of an anticyclone near 140-160W.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	4.7	8
Napier	5.1	9
Gisborne	5.5	8

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
08-May-92			83 (S)

Maximum Wind Gusts (kph and dir)

	Date	Gisborne	Napier	Wellington
	09-May-92			117 (SW)
	10-May-92			115 (SW)
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Impact Area	Impacts and Damages			
Gisborne	<ul style="list-style-type: none">● Southern end of Wainui Beach has no sand left; beach made up of Cobbles; result of many storms so far this year			
Wellington	<ul style="list-style-type: none">● Big seas at Wainui Beach and city beaches advanced to sand dunes			
	<ul style="list-style-type: none">● Four ferry crossings cancelled			
	<ul style="list-style-type: none">● Yachts torn from moorings by wind, as well as Barretts Reef Buoy, and washed ashore			
	<ul style="list-style-type: none">● Debris spread across Moa Point Road forcing its closure			
	<ul style="list-style-type: none">● Waves breaking over coastal roads and harbour-side; Point Howard Road closec isolating Eastbourne			
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Data Source				
1	Wainui Sand Slides Away: Eastland Sun, 20/05/1992			
2	Rough Seas Threaten Many Homes: Gisborne Herald, 11/05/1992, p6			
3	Lines Snap, Ship Stranded: Evening Post, 11/05/1992, p3			
4	Weekend Storm Tosses Boats Ashore: Evening Post, 11/05/1992, p1			
5	Icy Gales Whip up the Waves: Dominion Post, 11/05/1992, p1			