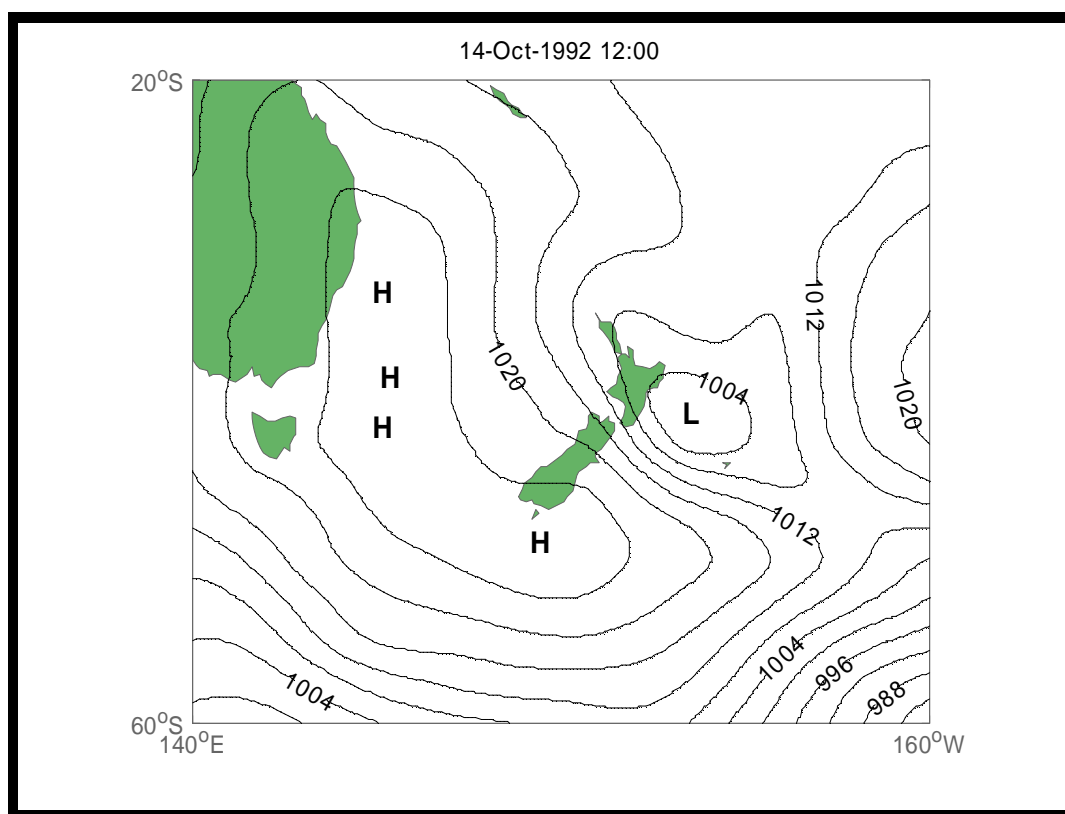


Coastal Storm Database - Event Summary

Date: 13-16 Oct 1992	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Napier/Wellington	Wellington Duration (Hours): 78
Origin: Southern Ocean	Pressure Gradient: S to SSE
Type: East Coast Secondary Low	



Synoptic Conditions

A trough of low pressure passed over NZ and was being followed by a large intense anticyclone. On the 13th the trough was over the Chatham Islands and reached onto the North Island while a ridge of high pressure covered the South Island. Between the trough and ridge a very strong SSE flow developed in the Cook Strait area. A secondary cyclone then developed from the trough off Hawkes Bay and acted to maintain the intense SE flow over the lower North Island and upper South Island through to the 15th.

Sea Conditions

Swells upto 7m recorded in Cook Strait

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	5.8	9
Napier	4.0	9
Gisborne	3.9	10

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
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Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
13-Oct-92			102 (S)
14-Oct-92			93 (S)
15-Oct-92			96 (S)
16-Oct-92			76 (S)

Impact Area

Napier

Wairoa

Wellington

Wairarapa

North Island

Impacts and Damages

- Flooding closed roads
- Flash flooding closed schools, and downed trees disrupted power supplies
- Palliser Bay cut off by slips
- Swells up to 7m in Cook Strait cancelled ferry services
- Flooding closed roads; Ruamahanga River reached record level
- Slips closed 5 State Highways (Featherston-Martinborough, Wanganui-Raetihi, Ashurst-Woodville, Palmerston North-Shannon, and Napier-Taihape)

Data Source

- 1 Storms Continue to Wreak Havoc: Gisborne Herald, 16/10/1992, p1
 - 2 Wairoa Awash as Heavy rain Sits Overhead: Gisborne Herald, 14/10/1992, p1
 - 3 Wairoa Mops Up after Floods Inundated Region: Gisborne Herald, 15/10/1992, p1
 - 4 Stormy Weather Expected to Abate, says MetService: Evening Post, 16/10/1992, p1
 - 5 Driver Nearly Dies Clearing Slip: Evening Post, 16/10/1992, p1
 - 6 Gales Disrupt Ferries, Bring Down Road Slips: Evening Post, 15/10/1992, p1
 - 7 Battering by Rain and Gales Set to Continue: Dominion Post, 15/10/1992, p1
 - 8 High Seas Warning for Coast: Evening Post, 14/10/1992, p3
 - 9 Storm Lashes Coastal Area: Evening Post, 14/10/1992, p1
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