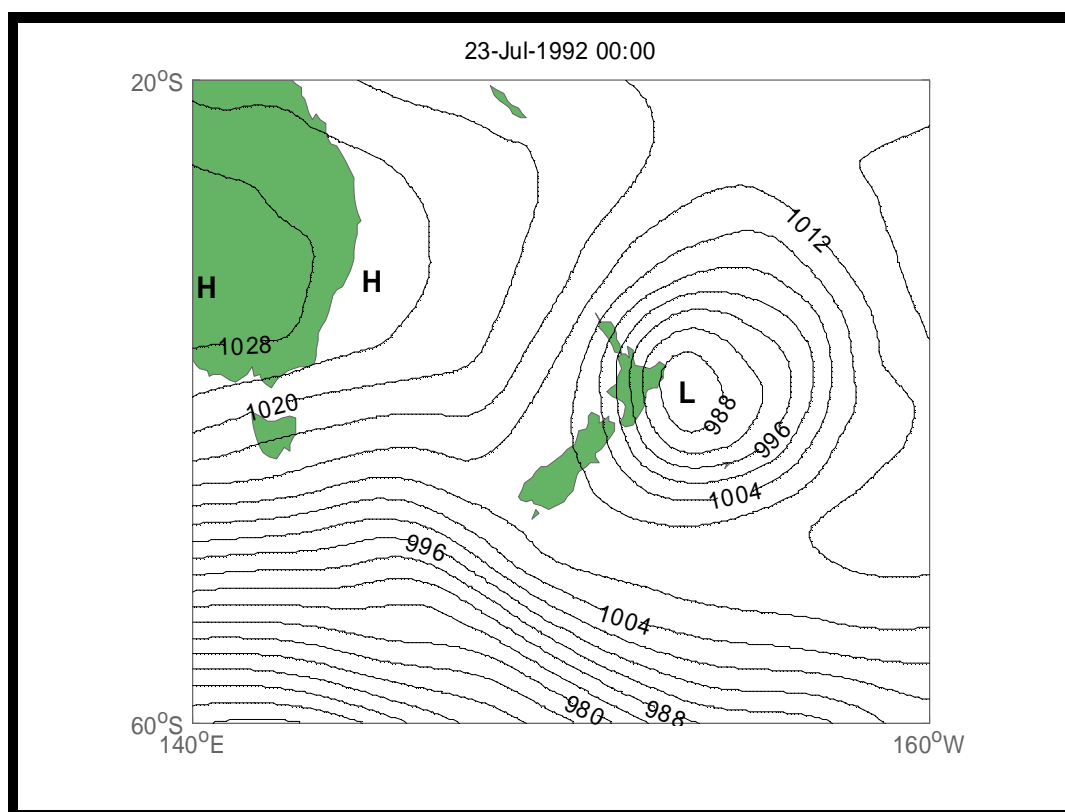


# Coastal Storm Database - Event Summary

Date: <b>22-23 Jul 1992</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind/Wave</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Napier/Wellington</b>	Wellington Duration (Hours): <b>32</b>
Origin: <b>Tasman Sea</b>	Pressure Gradient: <b>S to SE</b>
Type: <b>East Coast Low</b>	



## Synoptic Conditions

A cyclone developed off the Sydney coast from a large southern ocean trough and tracked eastward over the North Island. On the 22nd this cyclone was directly over the North Island and had a strong ESE to SE airstream on its southern side that swept over the lower North Island and upper South Island. The strong pressure gradient was also caused by the presence of a ridge across the South Island. This strong flow then veered to the south when the cyclone was east of Gisborne, and was strongest over the lower North Island.

## Sea Conditions

Big seas off the Wairarapa coast

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	4.1	7
Napier	3.4	7
Gisborne	4.1	7

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
------	----------	--------	------------

---

**Maximum Wind Gusts (kph and dir)**

	Date	Gisborne	Napier	Wellington
	22-Jul-92			111 (S)
	23-Jul-92			98 (S)

---

Impact Area	Impacts and Damages
Napier	<ul style="list-style-type: none"><li>● Porangahau and Tukituki rivers burst banks and caused flooding of surrounding areas</li></ul>
Wellington	<ul style="list-style-type: none"><li>● Roads closed by flooding and slips</li><li>● Slips and flooding closed roads around city</li><li>● Power and telephone poles over by winds</li></ul>
Wairarapa	<ul style="list-style-type: none"><li>● Yacht capsized in big seas off Castlepoint</li><li>● Severe flooding in Tinui, Castlepoint, Mauriceville, and White rock; state of emergency declared</li></ul>

---

**Data Source**

- 1 Temperatures Plummet, Gales to Whip Capital: Evening Post, 25/07/1992, p1
  - 2 North Island Starts Big Clean-up: Dominion Post, 24/07/1992, p3
  - 3 Storm Battered North Islanders Starting Mop-Up: Gisborne Herald, 23/07/1992, p1
  - 4 Eastbourne Suffers Most Under Winter Deluge: Dominion Post, 24/07/1992, p3
  - 5 North Island Starts Big Clean-Up: Dominion Post, 24/07/1992, p3
  - 6 Boats Sink: Body Found: Evening Post, 23/07/1992, p1
  - 7 Families Evacuated as Storms Bring Havoc: Dominion Post, 23/07/1992, p1
-