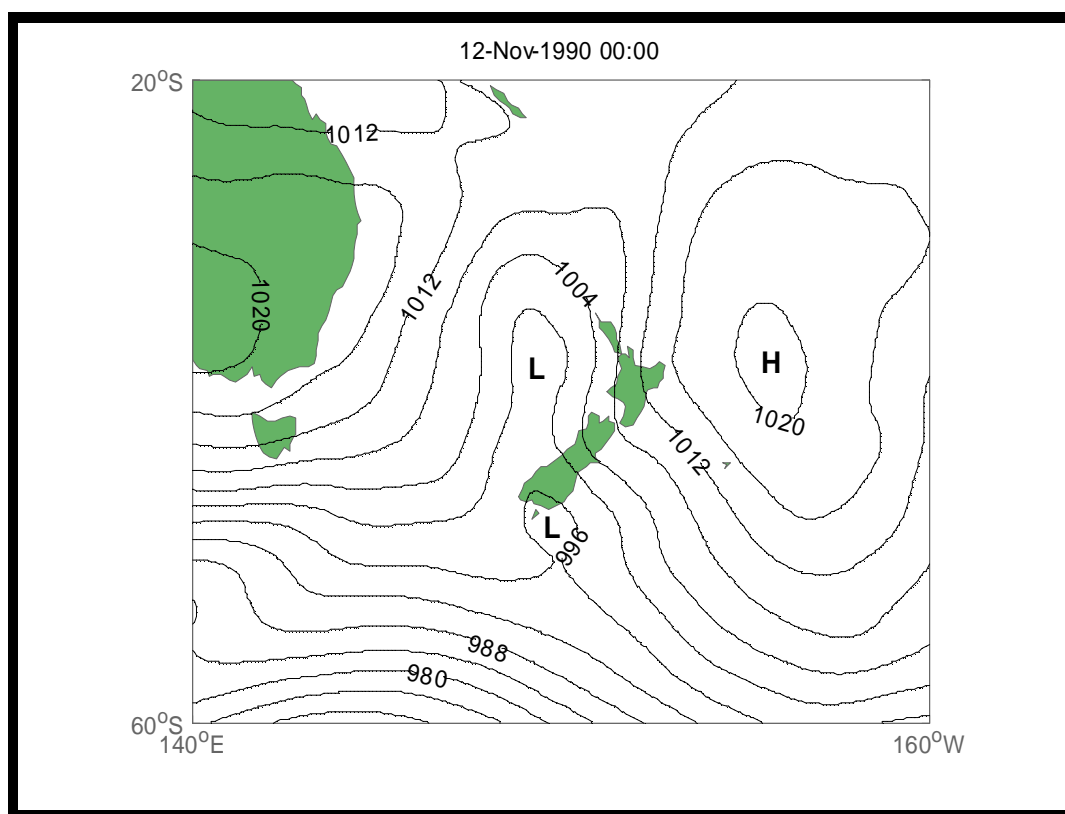


# Coastal Storm Database - Event Summary

Date: <b>12-14 Nov 1990</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind/Wave</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>41</b>
Origin: <b>Tasman Sea</b>	Pressure Gradient: <b>ESE to SE</b>
Type: <b>Tasman Sea Low</b>	



## Synoptic Conditions

A cyclone formed west of NZ from a southern ocean trough and was between two large anticyclones. On the 12th and 13th this cyclone completely covered NZ and an ESE to SE airflow swept through the Cook Strait area.

## Sea Conditions

Swells up to 3m in Cook Strait

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.2	6
Napier	1.5	5
Gisborne	2.9	6

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
12-Nov-90	56 (N)		67 (S)
13-Nov-90	63 (NE)		100 (S)

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

Date	Gisborne	Napier	Wellington
14-Nov-90	50 (NE)		85 (S)

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**Impact Area**

Wellington

**Impacts and Damages**

- Stormy weather in Cook Strait with swells upto 3m and winds gusting 90 km/hr
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**Data Source**

- 1 Stormy Weather Delays Cook Strait Crossings: Evening Post, 14/11/1990, p3
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