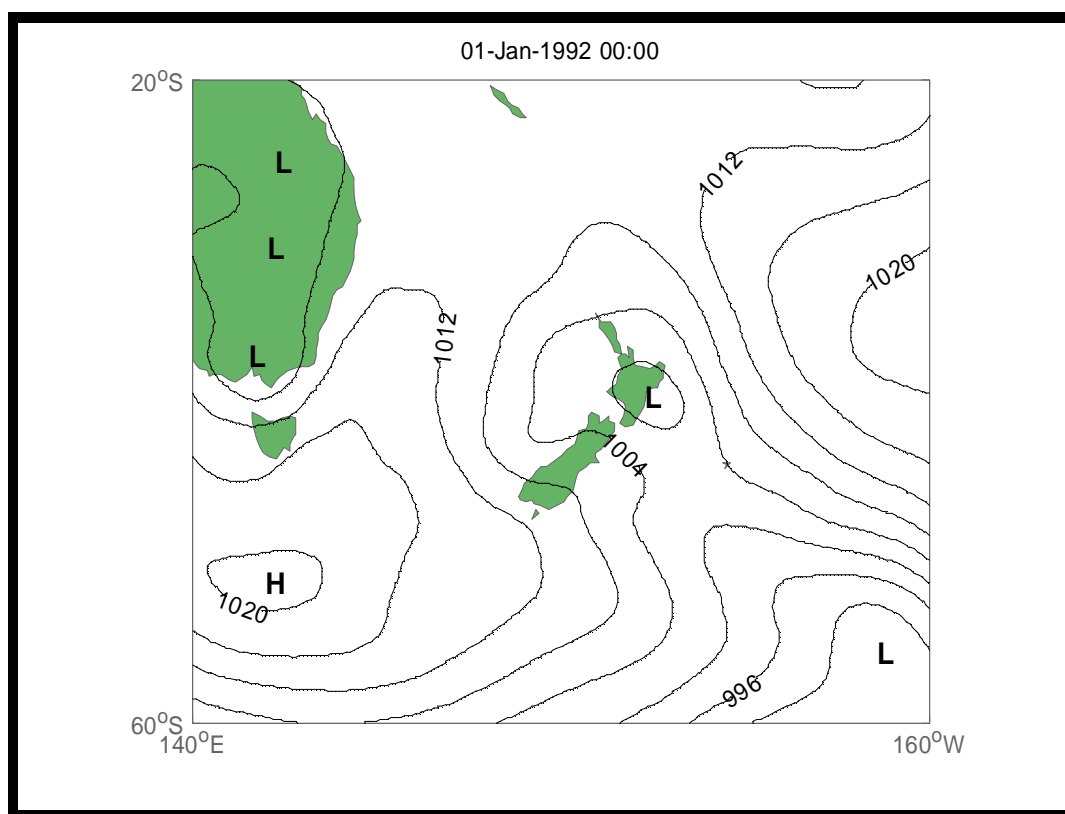


# Coastal Storm Database - Event Summary

Date: <b>31-2 Jan 1992</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>43</b>
Origin: <b>Tasman Sea</b>	Pressure Gradient: <b>S to SE</b>
Type: <b>East Coast Low</b>	



## Synoptic Conditions

A cyclone formed in the south Tasman sea and slowly moved eastward across NZ. On the 31st this cyclone was off the Hawkes Bay coast and a SE airstream swept through Cook Strait. On the 1st, a ridge of high pressure spread onto the South Island and this maintained a strong SSE airstream on its southern side swept through the Cook Strait area and later spread up the eastern North Island. With this cyclone being embedded between two large anticyclones the SE flow continued through till the 2nd after which the anticyclone moved onto NZ.

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.5	7
Napier	2.6	7
Gisborne	2.9	7

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
31-Dec-91	63 (N)		72 (S)
01-Jan-92			80 (S)

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

Date	Gisborne	Napier	Wellington
02-Jan-92			72 (S)

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**Data Source**

1 New Year Brings a Shiver: Evening Post, 2/01/1992, p1

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