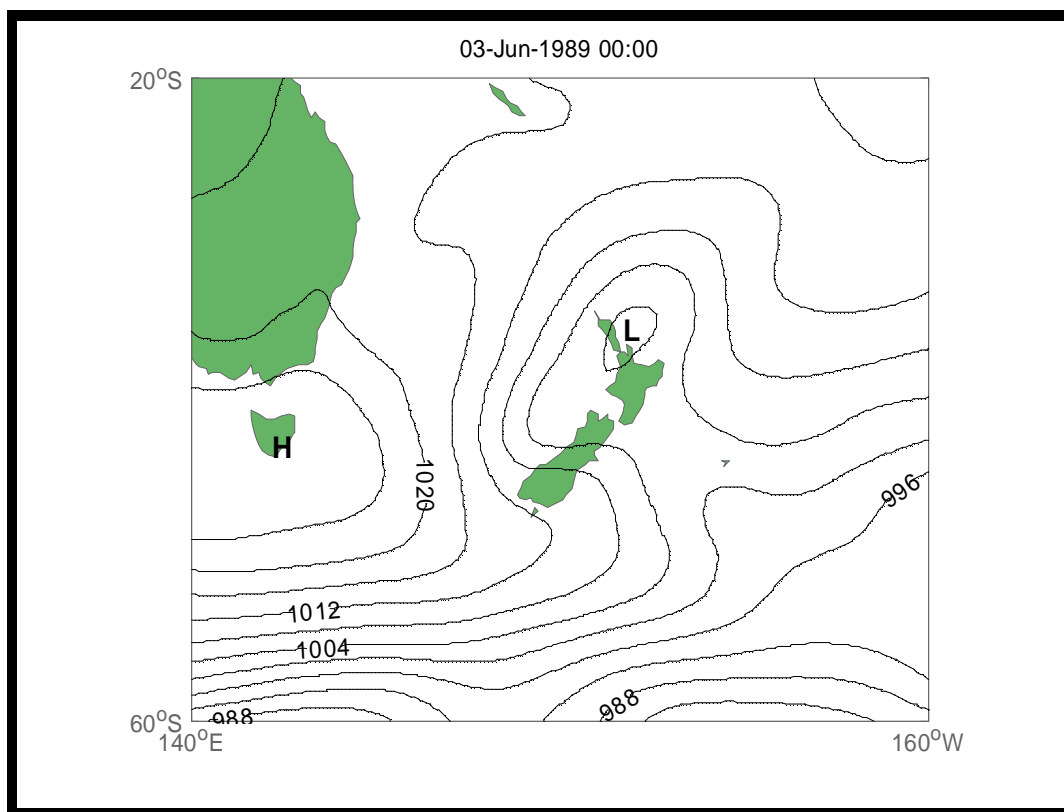


# Coastal Storm Database - Event Summary

Date: <b>2-5 Jun 1989</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>56</b>
Origin: <b>Tasman Sea</b>	Pressure Gradient: <b>S to SSW</b>
Type: <b>East Coast Low</b>	



## Synoptic Conditions

A cyclone formed in the Tasman sea east of Bass Strait and initially moved northward before moving towards northern NZ. On the 3rd this cyclone was east of Gisborne and had a SE airstream on its western side that swept through Cook Strait. This flow then veered to the south and strengthened on the 4th as the cyclone moved onto the Chatham Islands.

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.9	6
Napier	4.2	8
Gisborne	5.6	8

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
02-Jun-89	30 (NW)	37 (W)	69 (S)
03-Jun-89	35 (W)	45 (SW)	85 (S)
04-Jun-89	56 (SW)	70 (SW)	93 (S)
05-Jun-89	54 (SW)	56 (SW)	70 (S)

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

Date	Gisborne	Napier	Wellington
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