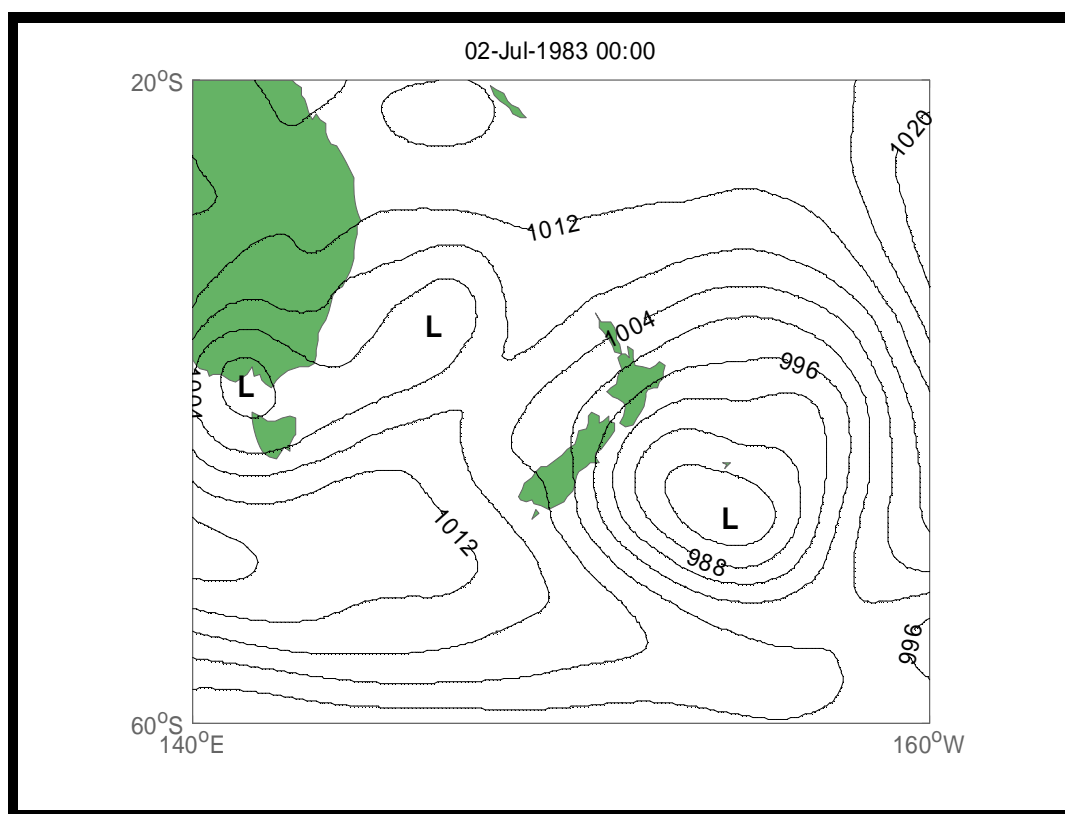


# Coastal Storm Database - Event Summary

Date: <b>2-4 Jul 1983</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>59</b>
Origin: <b>Tasman Sea</b>	Pressure Gradient: <b>SW to SSW</b>
Type: <b>East Coast Low</b>	



## Synoptic Conditions

A secondary cyclone developed west of the lower South Island and moved eastward across the South Island. On the 2nd this large cyclone was over the Chatham Islands and extended a trough to the north or northwest from which a secondary centre developed. A strong SSW to SW airstream on the western side of this cyclone affected the lower North Island and Cook Strait area. However, a strong pressure gradient was not observed on the 3rd or 4th during which strong winds continued to be recorded in Wellington.

## Sea Conditions

Measured waves off Gisborne show heights of upto 2.5m

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	4.0	8
Napier	2.9	9
Gisborne	3.6	8

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

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

<b>Date</b>	<b>Gisborne</b>	<b>Napier</b>	<b>Wellington</b>
02-Jul-83	37 (NW)	39 (NW)	78 (S)
03-Jul-83	46 (S)	46 (SW)	82 (SW)
04-Jul-83	46 (S)	48 (SW)	85 (S)

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