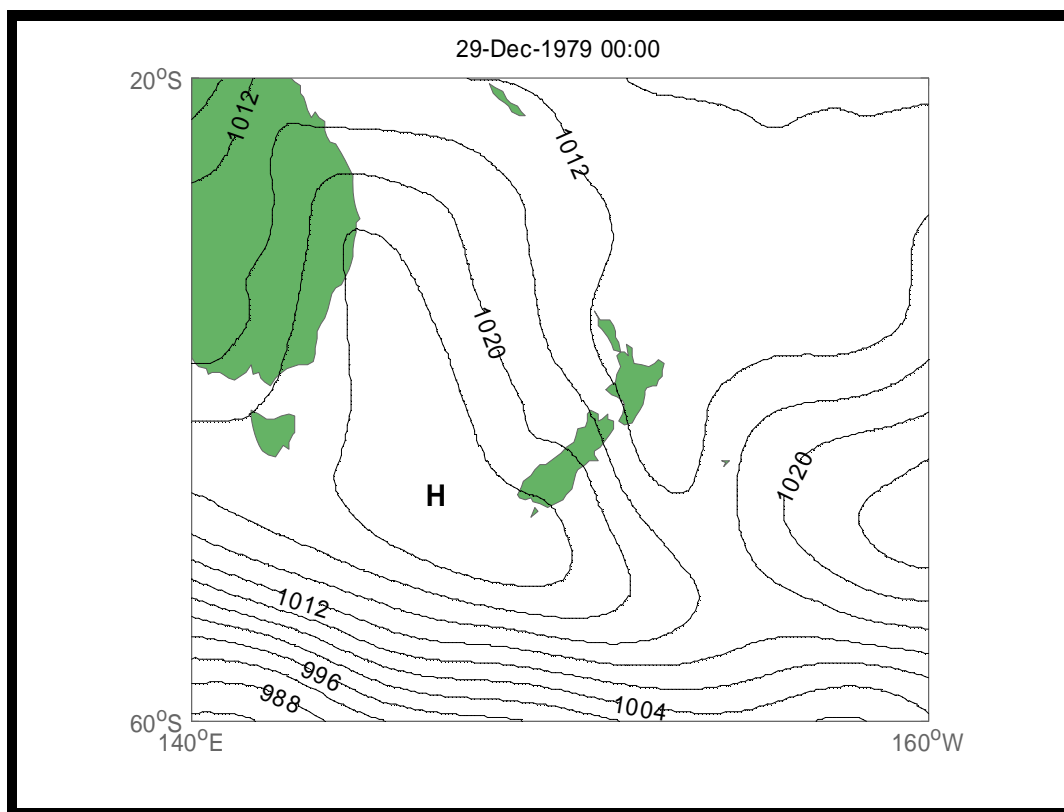


# Coastal Storm Database - Event Summary

Date: <b>28-30 Dec 1979</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>Subtropics</b>	Pressure Gradient: <b>SE</b>
Type: <b>Trough</b>	



## Synoptic Conditions

A SSE airstream developed over the upper South Island and through Cook Strait between a ridge of high pressure over the South Island and trough of low pressure over the North Island (extended from the subtropics). This continued on the 29th as the trough remained stationary over the North Island and while the Tasman sea anticyclone moved eastward below it.

Storm Type Sequence: trough - anticyclonic

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.1	6
Napier	1.7	6
Gisborne	2.0	5

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
28-Dec-79	41 (SW)	39 (SE)	82 (S)
29-Dec-79	32 (SW)	59 (SE)	115 (S)

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

<b>Date</b>	<b>Gisborne</b>	<b>Napier</b>	<b>Wellington</b>
30-Dec-79	37 (S)	46 (SE)	80 (S)

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**Data Source**

- 1 Mahia's Campers Get a Drenching: Gisborne Herald, 31/12/1979, p14
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