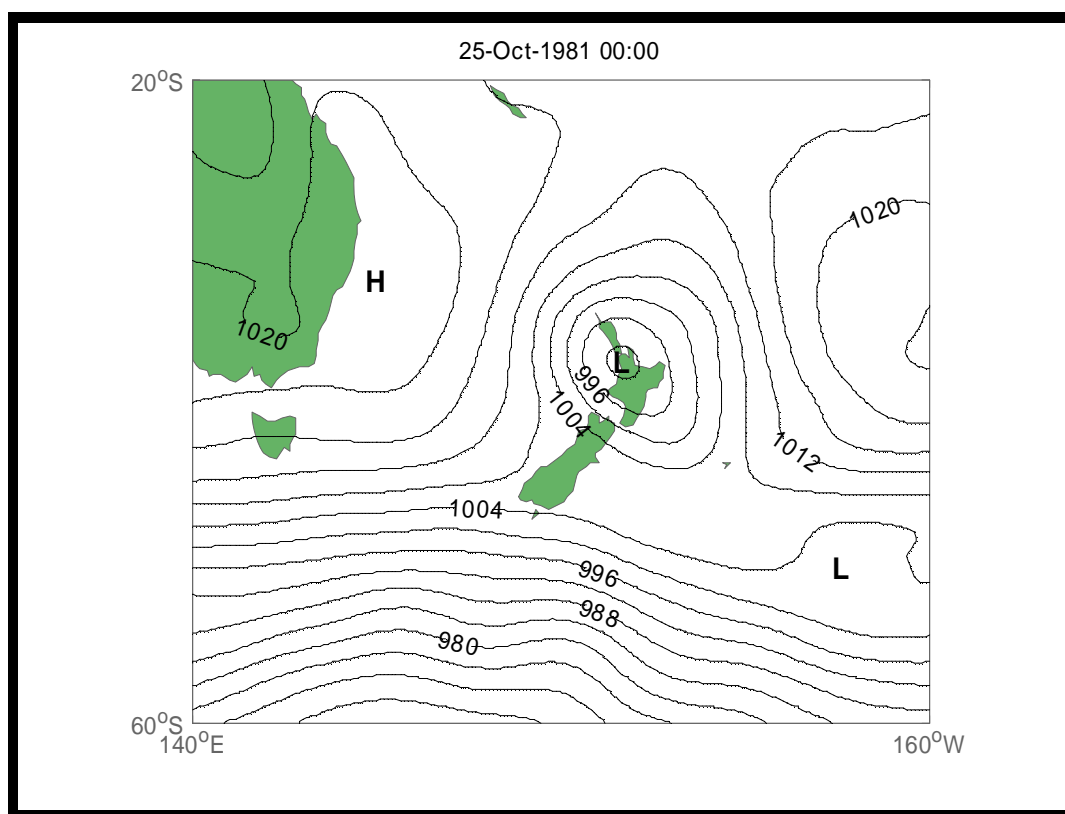


# Coastal Storm Database - Event Summary

Date: <b>24-25 Oct 1981</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Gisborne/Wellington</b>	Wellington Duration (Hours): <b>27</b>
Origin: <b>Subtropics</b>	Pressure Gradient: <b>ESE to SE</b>
Type: <b>East Coast Low</b>	



## Synoptic Conditions

A cyclone formed in the Coral sea southwest of New Caledonia on the Australian coast and moved southeastward towards NZ and passed over the North Island. On the 24th this cyclone was over the Auckland region and a strong ESE to SE airstream on its southern side affected the lower North Island and upper South Island. This flow had weakened significantly early on the 25th.

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.7	6
Napier	1.9	6
Gisborne	2.4	7

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
24-Oct-81	46 (NE)	43 (NW)	87 (S)
25-Oct-81	35 (S)	37 (SW)	89 (S)

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**Impact Area**

Gisborne

**Impacts and Damages**

- Berting of ships delayed in Port due to strong winds

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**Data Source**

- 1 District Weathers Storm...: Gisborne Herald, 28/10/1981, p1
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