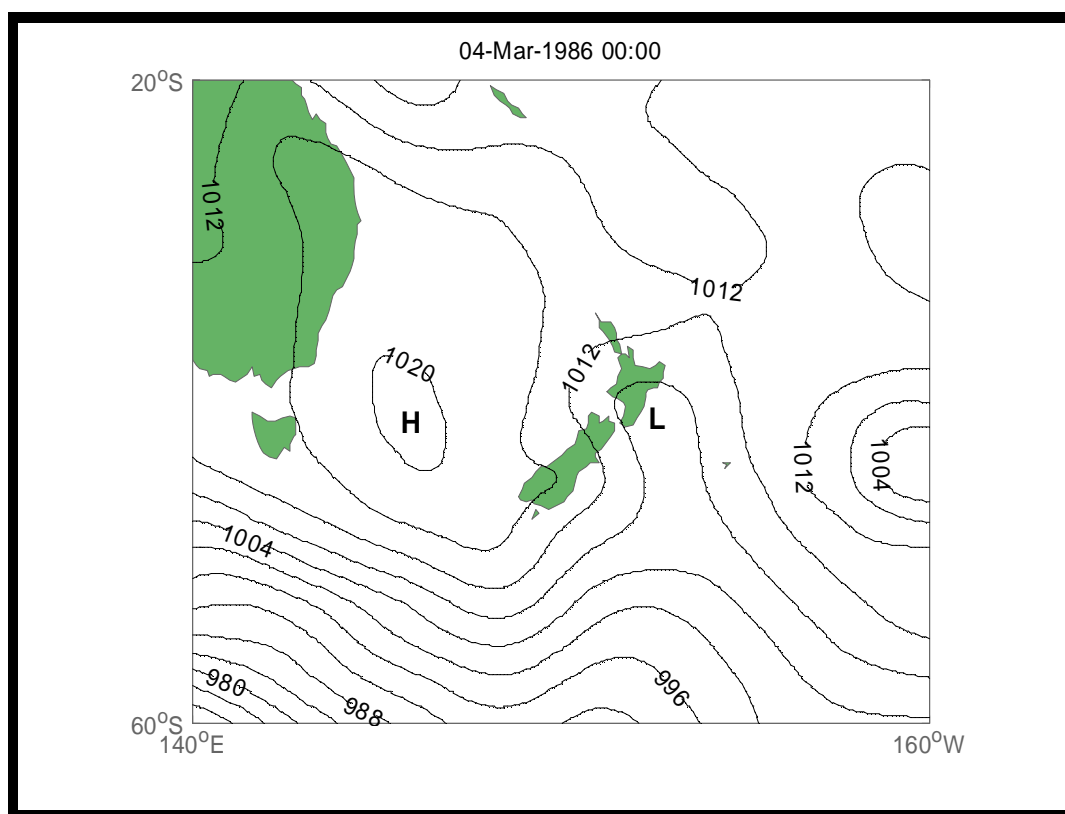


# Coastal Storm Database - Event Summary

Date: <b>3-6 Mar 1986</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>6</b>
Location: <b>Gisborne/Wellington</b>	Wellington Duration (Hours): <b>26</b>
Origin: <b>Southern Ocean</b>	Pressure Gradient: <b>SE</b>
Type: <b>East Coast Secondary Low</b>	



## Synoptic Conditions

A trough extended over the upper North Island and Chatham Islands from the southern ocean. At the same time a large anticyclone in the Tasman sea covered the South Island. Between these features, a SE airstream developed in and around Cook Strait. Later on the 4th the trough formed into a closed centre northeast of East Cape and this spread the SE flow over the entire eastern North Island. This cyclone lingering off East Cape through to the 6th, and with the anticyclone having moved slowly east, the SE flow between then strengthened over the upper North Island. At no stage during this period did a strong pressure gradient exist.

Storm Type Sequence: trough - east coast secondary low

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.1	6
Napier	2.4	6
Gisborne	2.8	7

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

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

Date	Gisborne	Napier	Wellington
03-Mar-86	41 (NW)	54 (W)	78 (N)
04-Mar-86	43 (S)	30 (SW)	80 (S)
05-Mar-86	69 (S)	45 (S)	54 (S)
06-Mar-86	69 (S)	48 (S)	57 (S)

**Impact Area**

Wellington

**Impacts and Damages**

- Surface flooding around city and in numerous suburbs

**Data Source**

- 1 Downpour Sets Wellington Awash: Dominion Post, 4/03/1986, p3
- 2 Rain Brings Chaos to Capital: Evening Post, 4/03/1986, p32