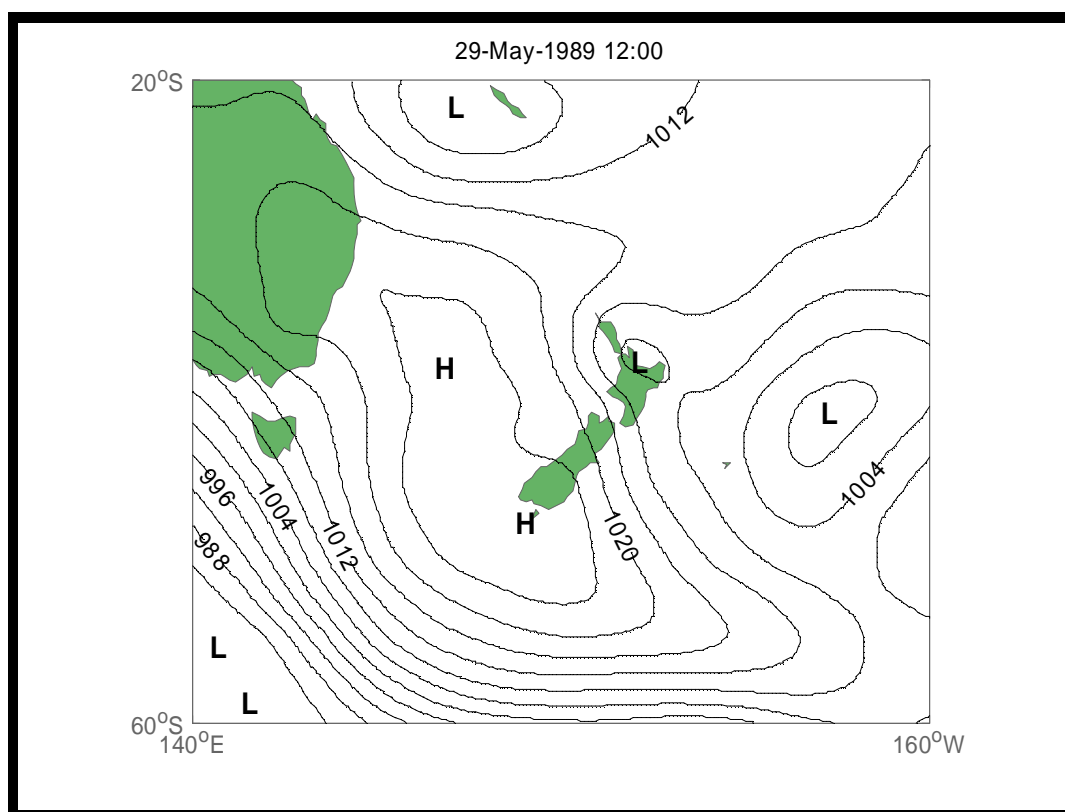


# Coastal Storm Database - Event Summary

Date: <b>29-31 May 1989</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Napier/Wellington</b>	Wellington Duration (Hours): <b>54</b>
Origin: <b>Subtropics</b>	Pressure Gradient: <b>SSE to SE</b>
Type: <b>Cyclone-Anticyclone Pair</b>	



## Synoptic Conditions

A secondary cyclone developed from a departing subtropical cyclone northeast of East Cape on the 27th and moved southward to be east of the Chatham Islands on the 29th. This cyclone then extended a trough to the east over East Cape. At the same time a large intense anticyclone was over the lower South Island. Between the trough and anticyclone a strong SSE to SE airstream was created and swept through the Cook Strait area and then spread up the North Island. On the 30th the anticyclone had moved past NZ and was south of the large cyclone over the Chatham Islands. This maintained a strong SE airstream over the eastern North Island

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.9	7
Napier	4.0	9
Gisborne	5.0	9

\*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
29-May-89	57 (SW)	57 (SW)	106 (S)
30-May-89	54 (W)	70 (SW)	96 (S)
31-May-89	57 (W)	69 (SW)	61 (S)

**Impact Area**

Gisborne  
Napier  
  
Wairoa  
Wellington

**Impacts and Damages**

- Snow in hill country
- Large stock losses from freezing conditions
- Schools closed around Napier as roads impassable from snowfalls
- Snow around city
- Snow in hills around city

**Data Source**

- 1 Sheep Freeze to Death in Southerly: Dominion Post, 31/05/1989, p3
  - 2 Freezing Weather Closes School: Dominion Post, 30/05/1989, p1
  - 3 Heavy Snow Closes Many Roads: Evening Post, 29/05/1989, p1
  - 4 Wairoa Taking Brunt of Storm: Gisborne Herald, 30/05/1989, p1
  - 5 Heavy Snow Closes Roads: Gisborne Herald, 29/05/1989, p1
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