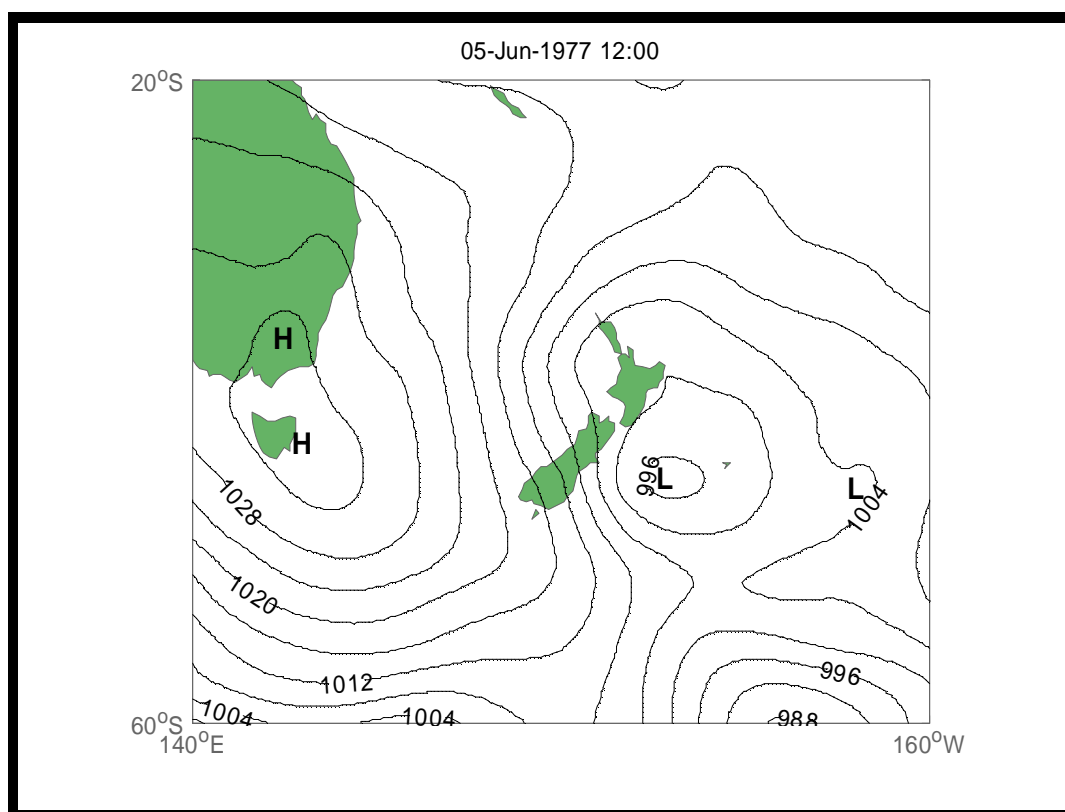


# Coastal Storm Database - Event Summary

Date: <b>5-9 Jun 1977</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>96</b>
Origin: <b>Eastern NZ</b>	Pressure Gradient: <b>S to SSE</b>
Type: <b>East Coast Secondary Low</b>	



## Synoptic Conditions

A cyclone in the south Tasman sea moved southeast-ward into the southern ocean and a secondary centre developed over the Canterbury coast from its large trough that had spread over NZ. This secondary centre was being followed by a large intense anticyclone. On the 5th this cyclone was between Christchurch and the Chatham Islands and the strong SSE airstream on its western side swept over the eastern South Island and into Cook Strait. This flow then spread up the eastern North Island and was maintained through the 7th and 8th as the cyclone stalled east of the Chatham Islands before moving westward (i.e. retrograded) back towards NZ.

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
05-Jun-77	45 (S)	78 (SW)	130 (S)
06-Jun-77	74 (SW)	63 (SW)	108 (S)
07-Jun-77	63 (SW)	93 (SW)	104 (S)
08-Jun-77	52 (SW)	74 (SW)	96 (S)
09-Jun-77	32 (SW)	37 (S)	70 (S)

## Impact Area

Gisborne  
Wellington

## Impacts and Damages

- Crops flattened around city and inland flooding
- Nine ferry crossings were cancelled because of rough weather in Cook Strait

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**Impact Area****Impacts and Damages**

- Airport Closed

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**Data Source**

- 1 View from Air Reveals Water - Flattened Crops: Gisborne Herald, 13/06/1977, p1
  - 2 Flood Cuts Path of Devastation Across Farmland: Gisborne Herald, 13/06/1977, p1
  - 3 Ferry Passengers Stranded: New Zealand Herald, 7/06/1977, p1
  - 4 High Winds Close Airport, Stop Ferry Sailings: Gisborne Herald, 6/06/1977, p3
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