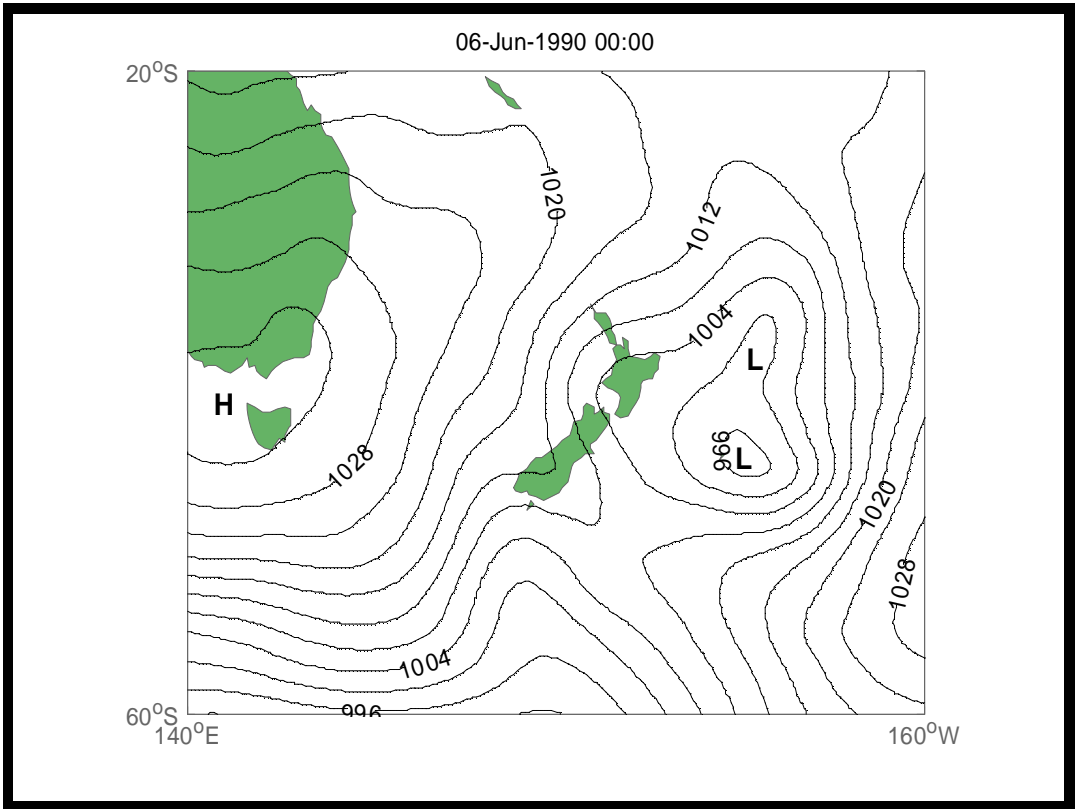


# Coastal Storm Database - Event Summary

Date: <b>5-13 Jun 1990</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind/Wave</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>178</b>
Origin: <b>Southern Ocean</b>	Pressure Gradient: <b>S to SSW</b>
Type: <b>East Coast Secondary Low</b>	



## Synoptic Conditions

An anticyclone from the Great Australia Bight moved into the Tasman Sea on the 6th. At the same time a secondary cyclone from the southern ocean was south of the Chatham Islands with a trough over most of NZ. In the wake of the cyclone was a strong SSW airstream over the eastern South Island and in Cook Strait. This cyclone and its associated northward trough continued to affect the eastern coast of NZ through to the 7th when the eastward-moving anticyclone in the south Tasman sea spread onto NZ. These two systems combined and maintained the strong S to SSW along the eastern North Island through to the 8th.

## Sea Conditions

Rough seas

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.6	7
Napier	4.6	8
Gisborne	5.1	8

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

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Date	Gisborne	Napier	Wellington
05-Jun-90	26 (SE)		61 (S)
06-Jun-90	63 (S)		96 (S)
07-Jun-90	56 (SW)		121 (S)
08-Jun-90	76 (S)		122 (S)
09-Jun-90	67 (S)		82 (S)
10-Jun-90	50 (S)		80 (S)
11-Jun-90	69 (SE)		87 (S)
12-Jun-90	57 (SE)		80 (S)
13-Jun-90	43 (S)		69 (S)

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#### Impact Area

Gisborne  
Wellington

#### Impacts and Damages

- Snowfalls in hill country
  - Very rough seas and swells upto 3.5m
  - Some departing flights cancelled at airport
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#### Data Source

- 1 Snow Closes More Roads in North Island: Dominion Post, 9/06/1990, p1
  - 2 Blizzards Close Roads in North, South: Dominion Post, 8/06/1990, p3
  - 3 Winter Tightens its Grip with Widespread Snowfalls: Gisborne Herald, 9/06/1990, p1
  - 4 Southerly Chills Expected to Linger: Evening Post, 11/06/1990, p1
  - 5 Cold Southerly Winds Continue: Evening Post, 9/06/1990, p1
  - 6 Southerlies Batter City, Close Roads: Evening Post, 8/06/1990, p1
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