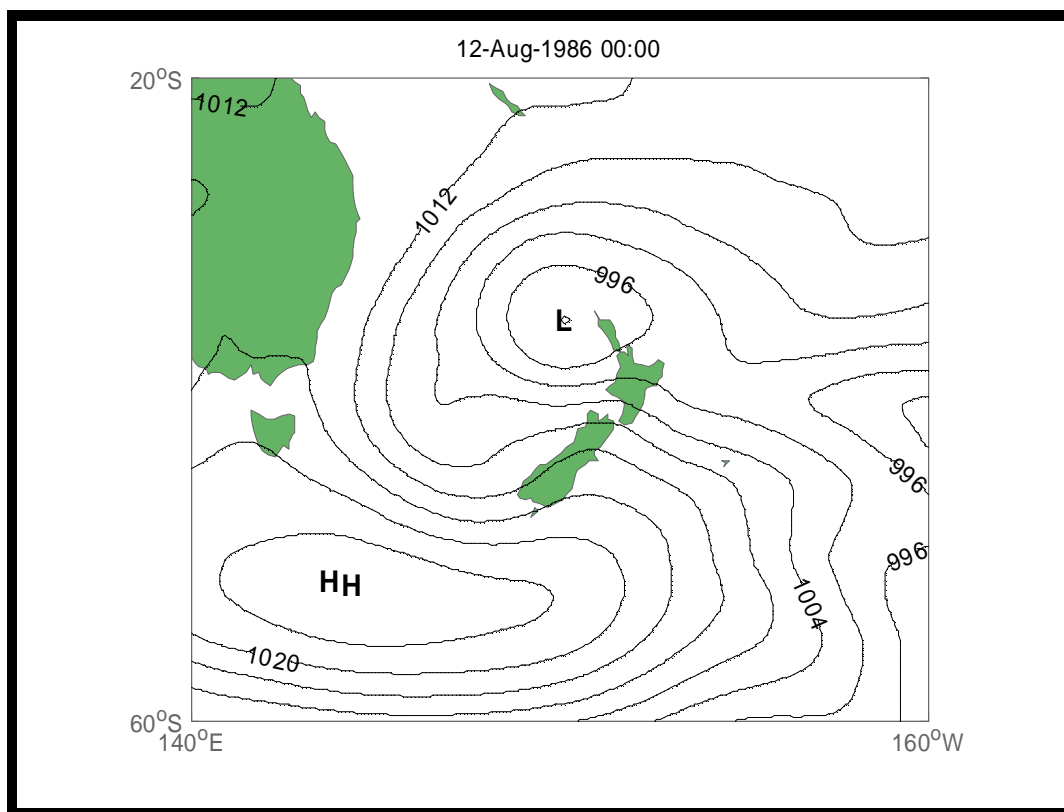


Coastal Storm Database - Event Summary

Date: 11-12 Aug 1986	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 25
Origin: Subtropics	Pressure Gradient: E to ESE
Type: Tasman Sea Low	



Synoptic Conditions

A large cyclone from off the Sydney coast moved slowly eastward from the 7th to 11th. On the 11th this centre was west of Northland and covered most of NZ and the strong E to ESE airstream on its southerly side swept through the Cook Strait area. The strong pressure gradient was assisted by the presence of a large anticyclone south of the Tasman Sea. This flow eventually moved up the eastern North Island but with less velocity.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.8	7
Napier	2.6	8
Gisborne	2.7	8

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
11-Aug-86	26 (S)	22 (NE)	95 (S)
12-Aug-86	52 (SE)	70 (SE)	95 (S)

Impact Area

Wellington

Canterbury

Impacts and Damages

- Bad weather disrupted airport
 - Two million dollars worth of flooding damage; damages to roads, bridges and water supplies
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Data Source

- 1 Flood Costly: Evening Post, 13/08/1986, p5
 - 2 Floods Feared: Evening Post, 11/08/1986, p3
 - 3 Weather Delays Travellers: Dominion Post, 11/08/1986, p3
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