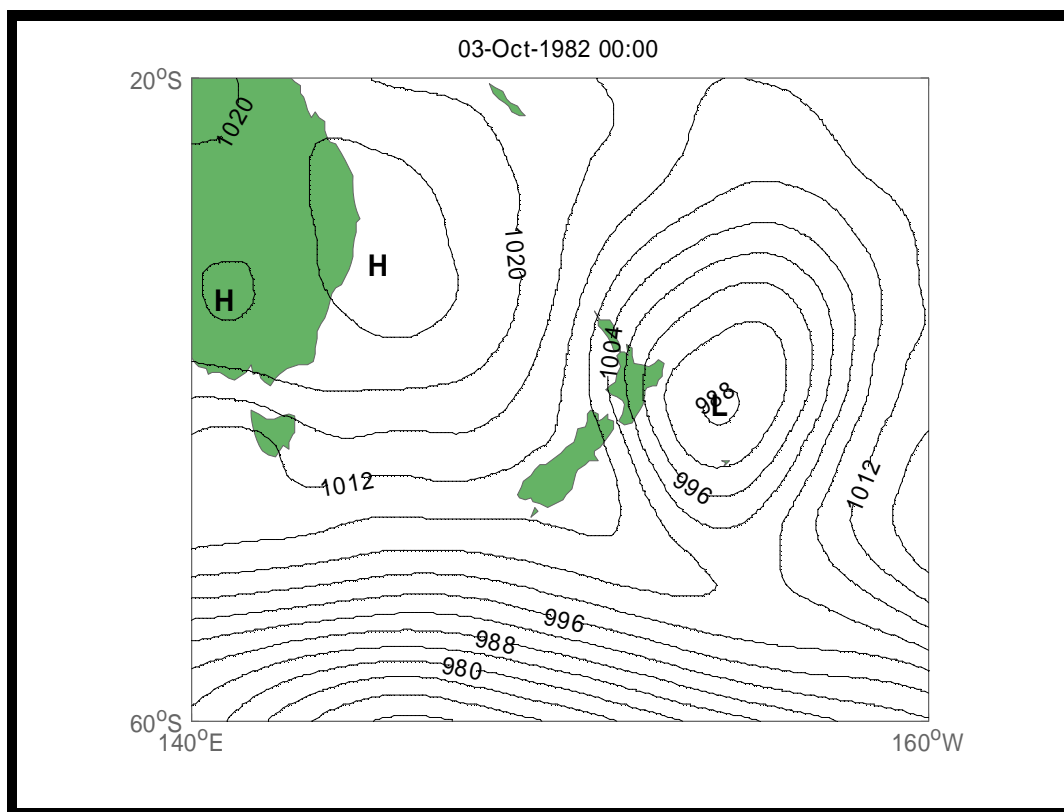


Coastal Storm Database - Event Summary

Date: 2-3 Oct 1982	Wind Direction: SW
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 24
Origin: Tasman Sea	Pressure Gradient: SE to SSE
Type: East Coast Low	



Synoptic Conditions

A cyclone developed northeast of Bass Strait and then moved eastward past North Cape. From North Cape this cyclone tracked southeast-ward and on the 2nd was north of the Chatham Islands and had engulfed the entire North Island. Its southwestern quadrant that contained a strong SE airstream then swept over the eastern North Island. The most intense pressure gradient was over the lower North Island and then shifted to the upper North Island on the 3rd

Sea Conditions

Measured waves off Gisborne reached just under 3m

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.1	7
Napier	3.6	7
Gisborne	4.4	8

*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
02-Oct-82	48 (SW)	65 (SW)	109 (SW)
03-Oct-82	72 (S)	70 (SW)	96 (S)

Impact Area

Wellington

Impacts and Damages

- Flights halted between 3-6pm on Saturday (2nd) to Friendship aircraft
- Seven ferry crossings cancelled from Saturday (2nd) afternoon

Data Source

- 1 Battled the Storm - and Won: Evening Post, 4/10/1982, p1
 - 2 Winds Whip up to 102 kmh on Stormy Saturday: Evening Post, 4/10/1982, p1
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