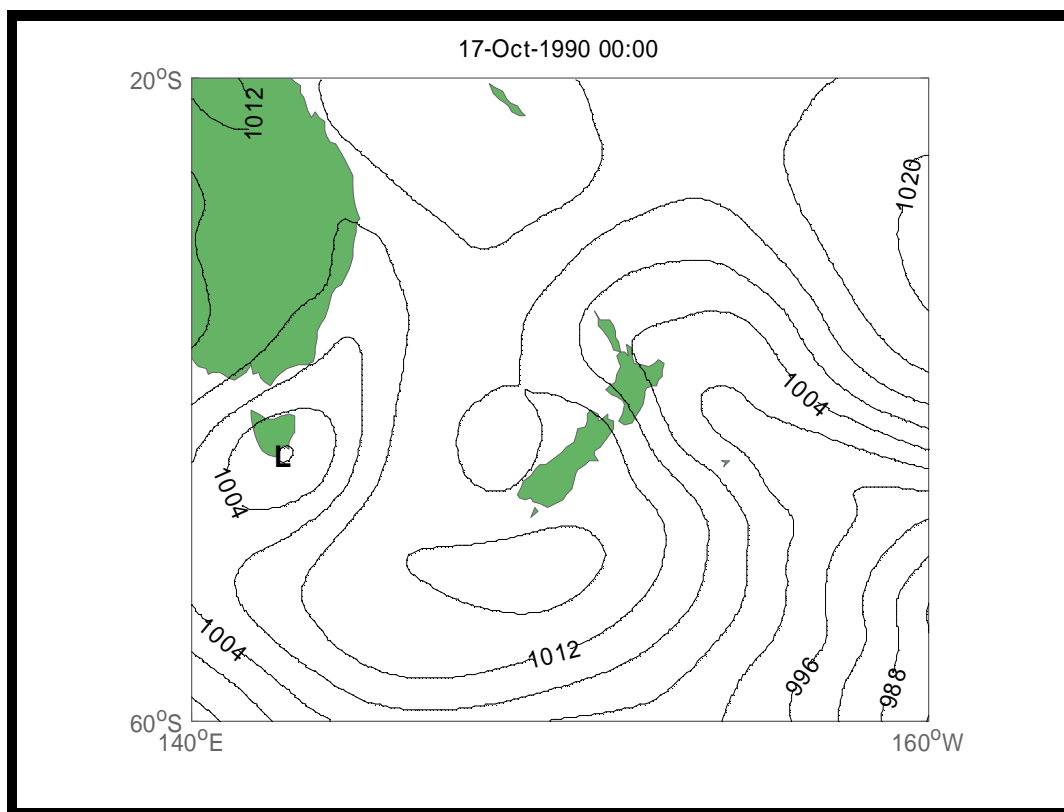


Coastal Storm Database - Event Summary

Date: 16-17 Oct 1990	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 29
Origin: Tasman Sea	Pressure Gradient: SSE
Type: Trough	



Synoptic Conditions

A cyclone from the north Tasman sea moved eastward and dissipated into a trough over the North Island. On the southwestern side of the trough was a SSE flow that swept over the eastern South Island and lower North Island

Sea Conditions

Waves upto 6.8m measured off Wellington

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.2	6
Napier	2.0	6
Gisborne	2.6	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
16-Oct-90	50 (S)		96 (S)
17-Oct-90	57 (S)		80 (S)

Impact Area

Wellington

Impacts and Damages

- Six crossings of Cook Strait ferries cancelled; swells upto 6.8 recorded at harbour entrance

Data Source

- 1 Police Launch Rescues Yacht: Evening Post, 17/10/1990, p3
 - 2 High Winds and Seas Halt Ferries: Dominion Post, 17/10/1990, p1
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