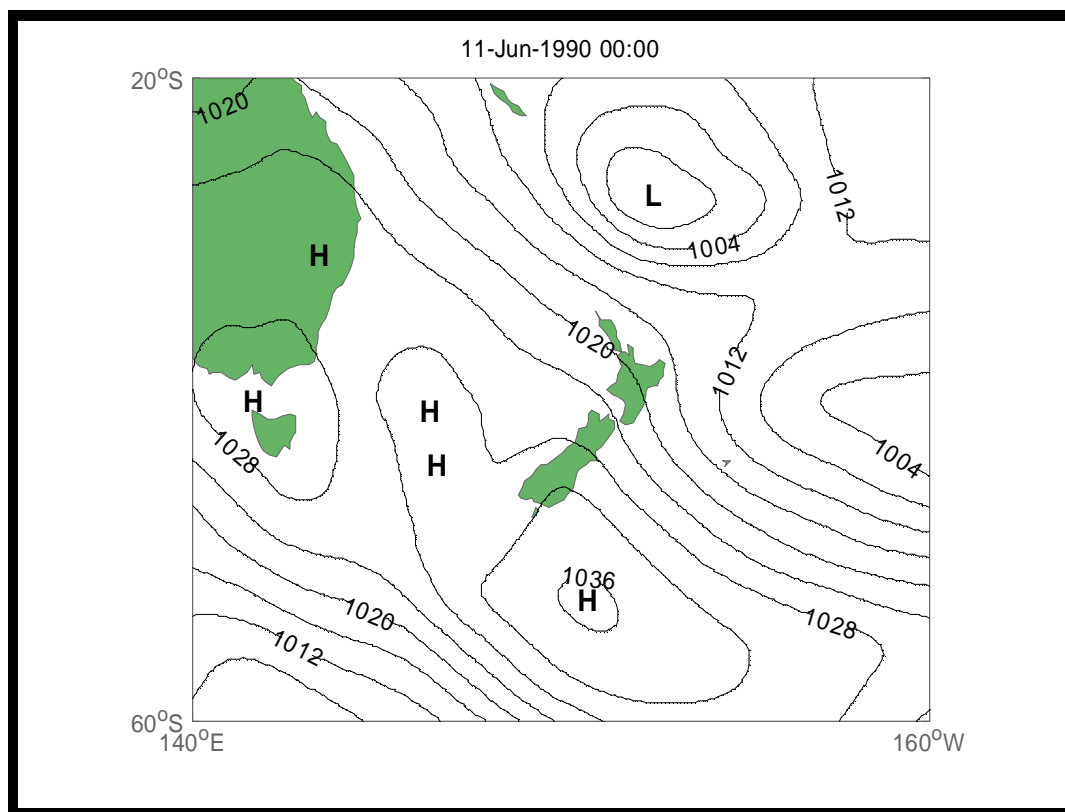


Coastal Storm Database - Event Summary

Date: 10-13 Jun 1990	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 178
Origin: Southern Ocean	Pressure Gradient: S to SSE
Type: Trough	



Synoptic Conditions

This event flows on from the previous storm (5-7th June). From the 7th to 10th the Tasman sea anticyclone moved slowly southeast-ward under the trough that was east of NZ. On the 11th a new subtropical cyclone became involved while situated northeast of East Cape. This cyclone ensured a strong SSE to SE flow was maintained over the eastern North Island between itself and the anticyclone over the South Island.

Sea Conditions

Seas very rough with 3.5m swells

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.8	7
Napier	4.6	8
Gisborne	5.1	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
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)

Impact Area

Wellington

Impacts and Damages

- Southerly over lower North Island for the past 5 days
- Seas rough with 3.5m swells

Data Source

- 1 Southerly Chills Expected to Continue: Evening Post, 11/06/1990, p1