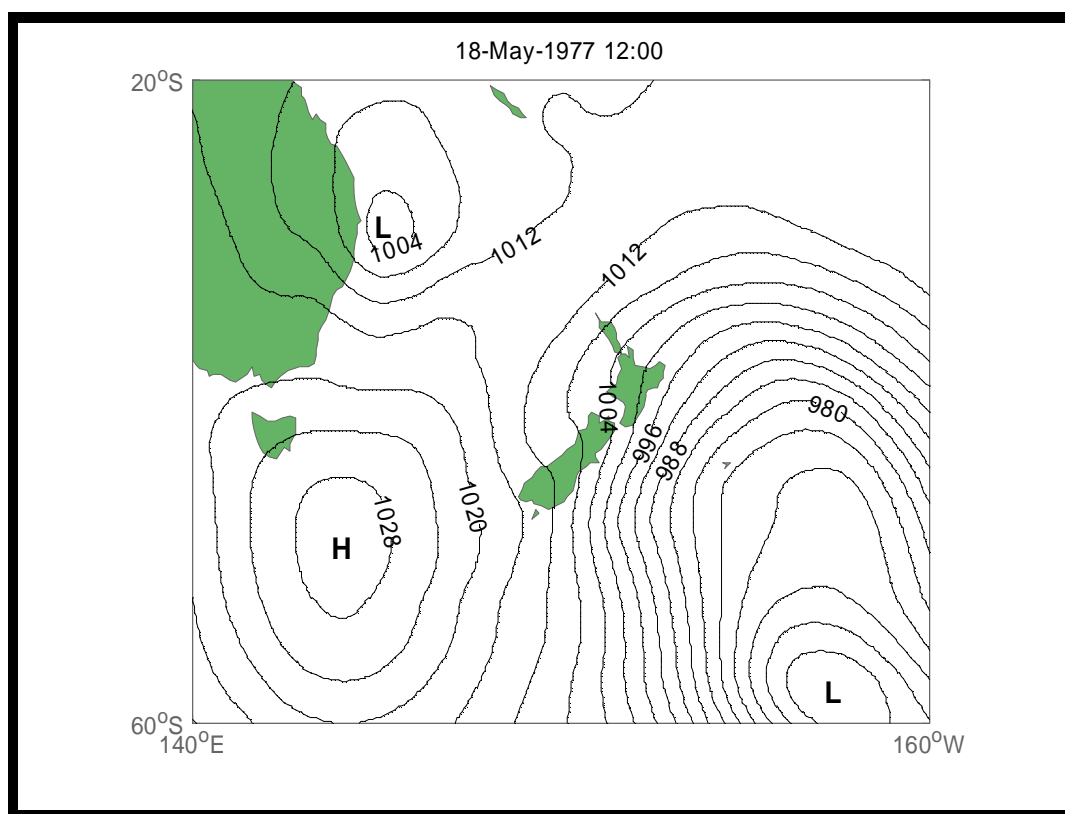


Coastal Storm Database - Event Summary

Date: 18-19 May 1977	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 26
Origin: Southern Ocean	Pressure Gradient: S to SSW
Type: Trough	



Synoptic Conditions

A southern ocean cyclone propagated eastward along latitude 50S below NZ and extended a trough over NZ. On the 16th this cyclone was a very intense system that totally covered the NZ region and area eastward to 160W. At this stage an intense southern ocean anticyclone was on the western side of the cyclone and a very strong S to SSE airstream developed over the area to the south of NZ and the Chatham Islands (i.e. excellent wave generating potential) through till the 18th. This strong flow started to affect the eastern North Island and Cook Strait area on the 17th as a SSW flow but was strongest on the 18th through Cook Strait.

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
18-May-77	78 (SW)	76 (SW)	104 (SW)
19-May-77	63 (S)	63 (SW)	85 (S)

Impact Area

Wellington

Impacts and Damages

- Snow on hills around city
- Snow around city

Data Source

- 1 Hills Get Season's First Fall of Snow: Gisborne Herald, 18/05/1977, p16
- 2 Battered South is Recovering as Storm Eases North: Gisborne Herald, 18/05/1977, p16

