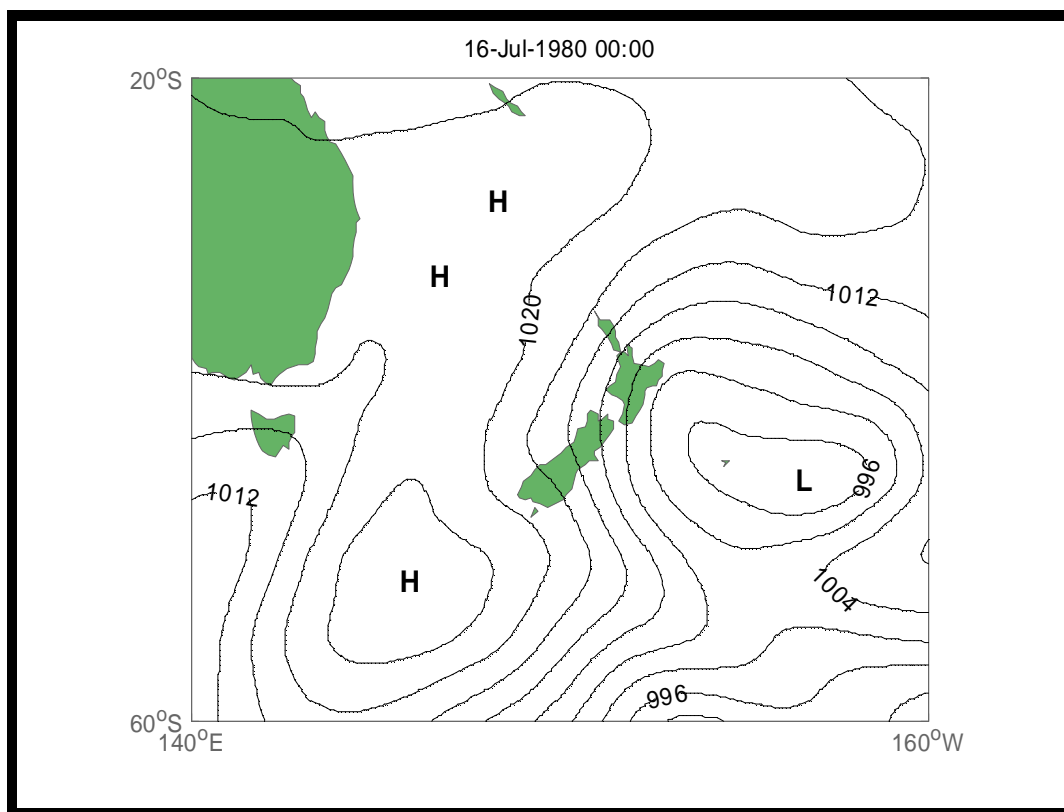


Coastal Storm Database - Event Summary

Date: 16-17 Jul 1980	Wind Direction: SW
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 25
Origin: Eastern NZ	Pressure Gradient: S
Type: East Coast Secondary Low	



Synoptic Conditions

A secondary cyclone from the southern ocean formed over the Chathams on the 15th and extended a weak trough to the east over the North Island. A strong southerly airstream developed on the western side of this cyclone over the eastern South Island and into Cook Strait-Wellington area. An eastward-moving anticyclone below NZ extended a ridge to the north that covered most of NZ on the 16th and this maintained the southerly flow over the eastern North Island.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	5.3	9
Napier	4.0	10
Gisborne	5.2	9

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
16-Jul-80	67 (SW)	61 (SW)	100 (SW)
17-Jul-80	30 (SW)	35 (SW)	63 (S)

Impact Area

Wellington

Impacts and Damages

- Snow and sleet

Data Source

- 1 Snow, Sleet Make Driving Hazardous: Evening Post, 16/07/1980, p4
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