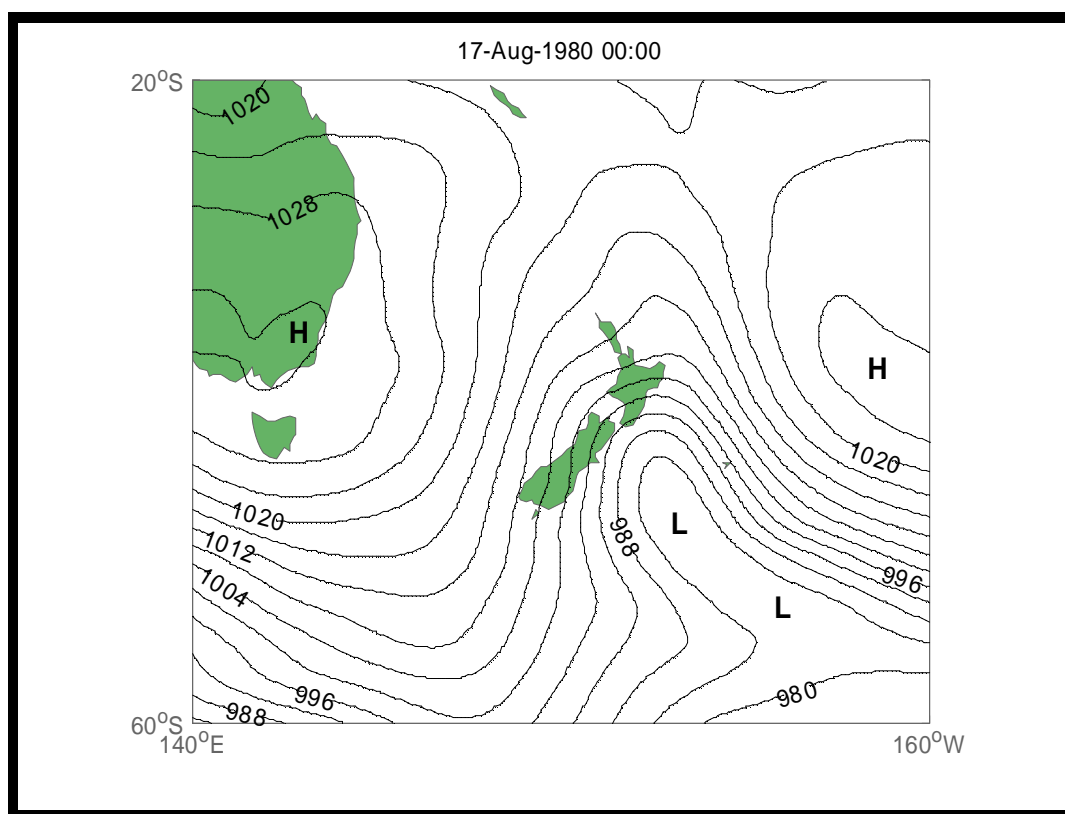


Coastal Storm Database - Event Summary

Date: 17-18 Aug 1980	Wind Direction: SW
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 34
Origin: Southern Ocean	Pressure Gradient: S to SSW
Type: Trough	



Synoptic Conditions

A trough of low pressure over the Chatham Islands extended northward over NZ. On its western side a strong S to SSW airstream affected most of NZ. There was also an intense anticyclone over SE Australia that covered the Tasman sea and was spreading onto western NZ.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	4.6	8
Napier	3.9	8
Gisborne	5.0	8

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
17-Aug-80	52 (SW)	45 (S)	104 (S)
18-Aug-80	54 (SW)	56 (SW)	74 (S)

Impact Area

Wellington

Impacts and Damages

- Lots of snow around city hills

Impact Area**Impacts and Damages**

- 62 flights cancelled over the weekend

Data Source

- 1 District Picks up Wreckage in Wake of Weekend Gale: Gisborne Herald, 18/08/1980, p1
 - 2 Commuters Stick in Snow: Evening Post, 18/08/1980, p1
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