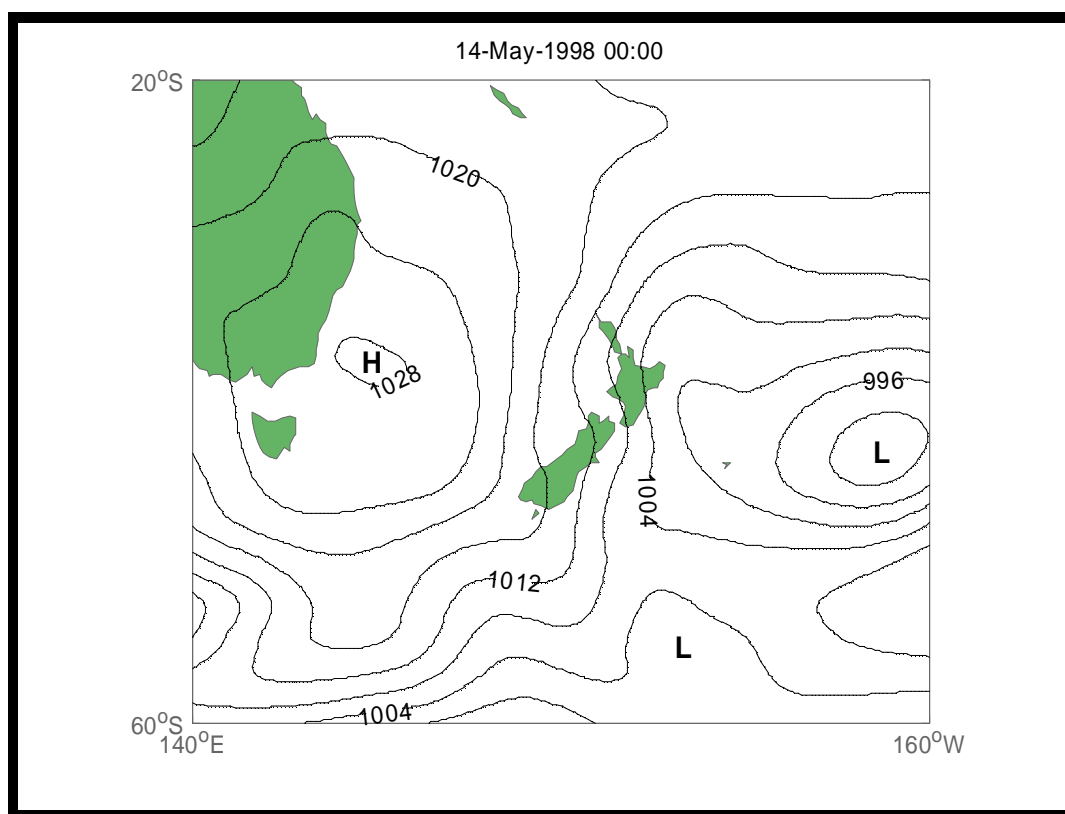


Coastal Storm Database - Event Summary

Date: 13-15 May 1998	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 33
Origin: Tasman Sea	Pressure Gradient: S
Type: Trough	



Synoptic Conditions

An anticyclone moved into the Tasman sea from eastern Australia and extended onto western NZ. At the same time a trough spread eastward from a cyclone east of the Chatham Islands and covered the eastern North Island. Between these features a strong southerly developed along the eastern North Island and was strongest in the Cook Strait-lower North Island area. The strongest flow then spread up the eastern North Island to affect the upper North Island.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	4.2	7
Napier	4.1	8
Gisborne	5.4	8

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
13-May-98			67 (S)
14-May-98			93 (SW)
15-May-98			74 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
------	----------	--------	------------

Data Source

- 1 Coldest Day This Year for Capital, and More to Come: Evening Post, 14/05/1998, p2
-