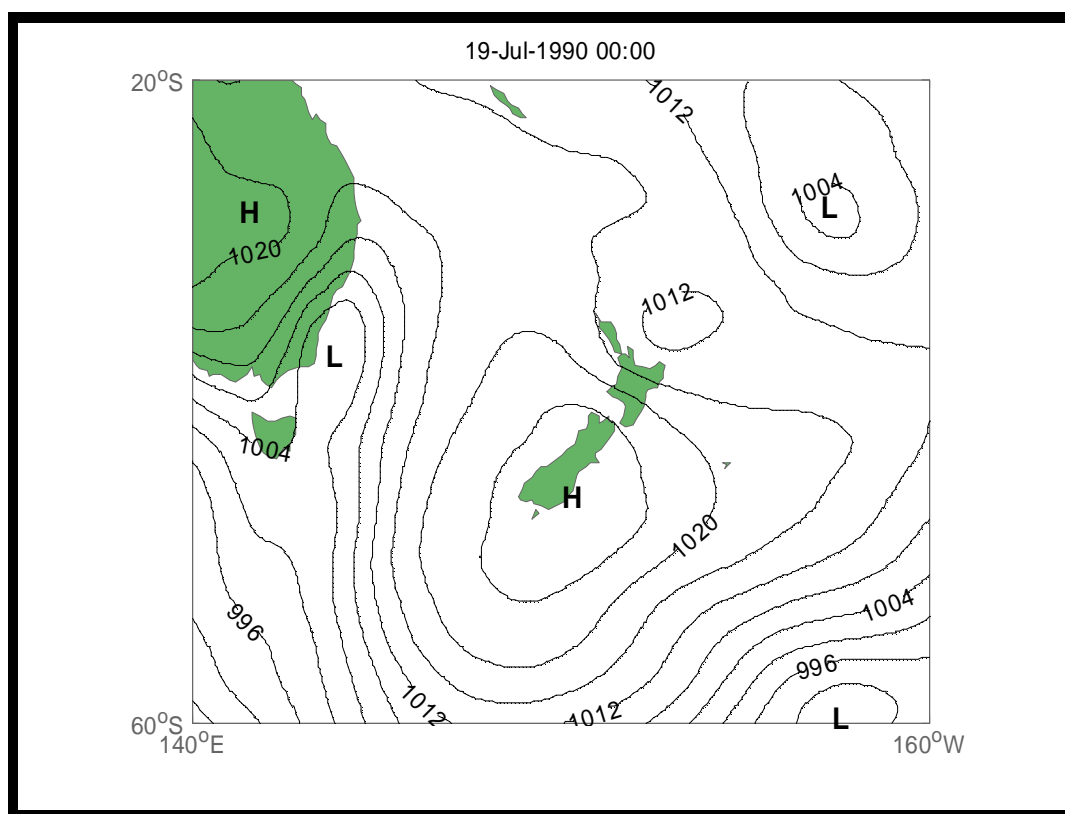


Coastal Storm Database - Event Summary

Date: 19 Jul 1990	Wind Direction: SE
Event Type: Wind	Gisborne Duration (Hours): 9
Location: Gisborne	Wellington Duration (Hours): -
Origin: Southern Ocean	Pressure Gradient: SE
Type: Trough	



Synoptic Conditions

A large anticyclone in the North Tasman sea spread a ridge to the south that branched off into another anticyclone in the south Tasman sea. It then spread over NZ over the 18th and 19th and collided with a weak trough northeast of East Cape. This generated a SE airstream on the northern side of the anticyclone that affected the eastern North Island. However, a strong pressure gradient was not observed.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.6	9
Napier	2.6	10
Gisborne	2.9	9

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
19-Jul-90	80 (SE)		65 (SE)

Data Source

1 : Gisborne Herald, 19/07/1990, p1
