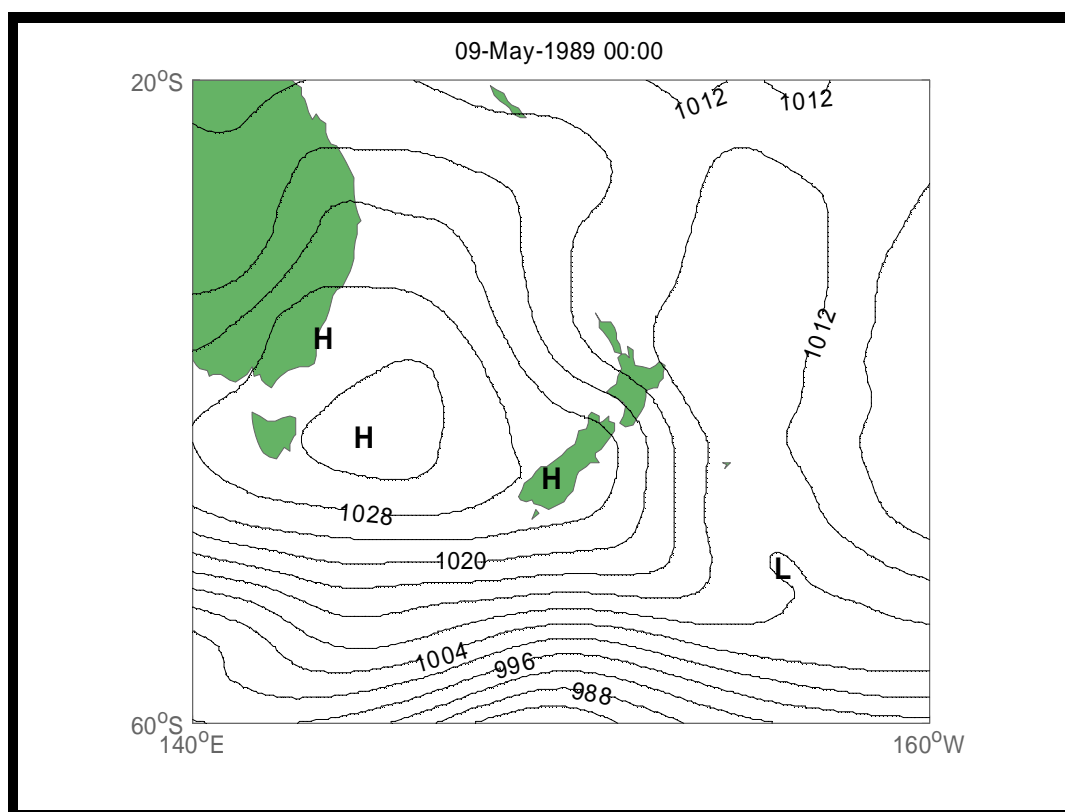


Coastal Storm Database - Event Summary

Date: 8-9 May 1989	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 32
Origin: Southern Ocean	Pressure Gradient: S to SSE
Type: Trough	



Synoptic Conditions

An intense anticyclone moved eastward onto NZ from the Great Australia Bight. On the 8th this anticyclone extended a ridge to the east across the South Island where it met a trough of low pressure over and east of the Chatham Islands. The created a S to SSE airstream on the eastern side of the anticyclone that swept along the eastern North Island. This trough was squashed between two anticyclones and remained east of the Chathams on the 9th and maintained a SSE airstream over the eastern North Island

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.8	6
Napier	2.8	7
Gisborne	3.3	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
08-May-89	43 (SW)	61 (S)	89 (S)
09-May-89	61 (S)	59 (S)	87 (S)

