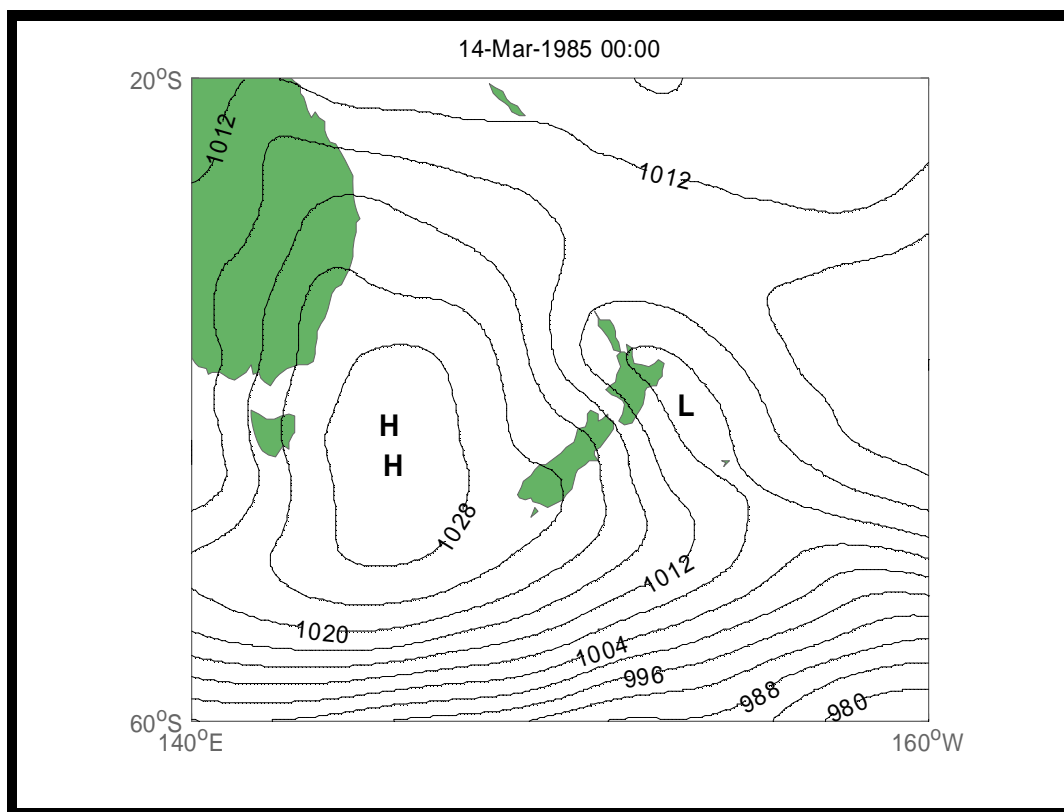


Coastal Storm Database - Event Summary

Date: 13-15 Mar 1985	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 34
Origin: Eastern NZ	Pressure Gradient: SE to SSE
Type: East Coast Low	



Synoptic Conditions

An intense anticyclone in the south Tasman sea covered the South Island while a trough spread northeast-ward across the Chathams and extended onto the upper North Island. Between these two features a SE to SSE airstream developed and affected the lower eastern North Island and South Island. The trough then moved northward and attained a closed structure north of East Cape. This northward movement and the blocking anticyclone in the Tasman Sea caused the flow to spread along the eastern North Island and veer more to the east on the 14th

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.5	7
Napier	4.9	8
Gisborne	5.7	8

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
13-Mar-85	61 (NW)	59 (S)	106 (S)
14-Mar-85	50 (SE)	63 (SE)	93 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
15-Mar-85	46 (SE)	52 (SE)	
