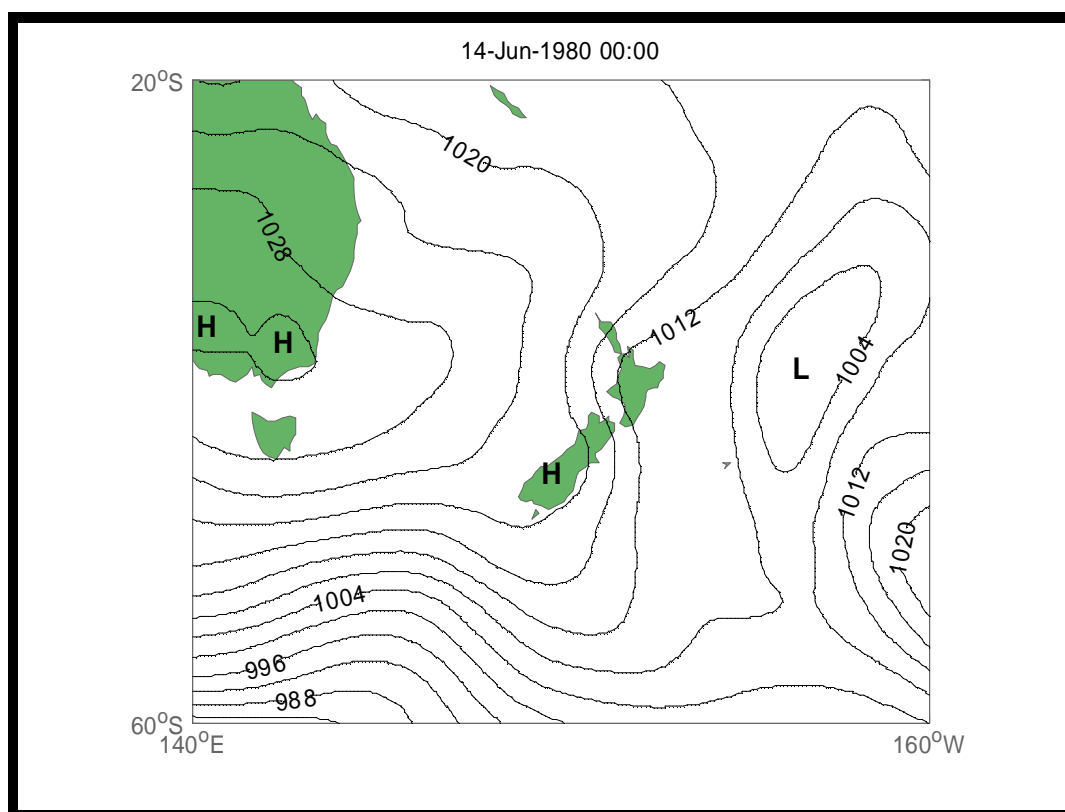


Coastal Storm Database - Event Summary

Date: 13-16 Jun 1980	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 48
Origin: Southern Ocean	Pressure Gradient: S to SE
Type: Trough	



Synoptic Conditions

An intense anticyclone over Melbourne extended a ridge to the east that engulfed most of NZ. A strong S to SSE airstream developed on the eastern side of the ridge as it collided with a trough over the eastern North Island and swept through Cook Strait. This SSE airstream later spread up the eastern North Island but with less velocity as the trough merged into a cyclonic centre NE of the Chathams and the anticyclone tracked eastward. This flow re-intensified on the 15th as a trough spread westward from the cyclone northeast of the Chatham Islands and continued for the first part of the 16th.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	3.0	6
Napier	3.8	8
Gisborne	4.4	8

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
13-Jun-80	32 (S)	39 (SW)	93 (SW)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
14-Jun-80	59 (SW)	76 (SW)	96 (SW)
15-Jun-80	56 (SW)	41 (SW)	108 (SW)
16-Jun-80	76 (S)	43 (SW)	87 (S)
