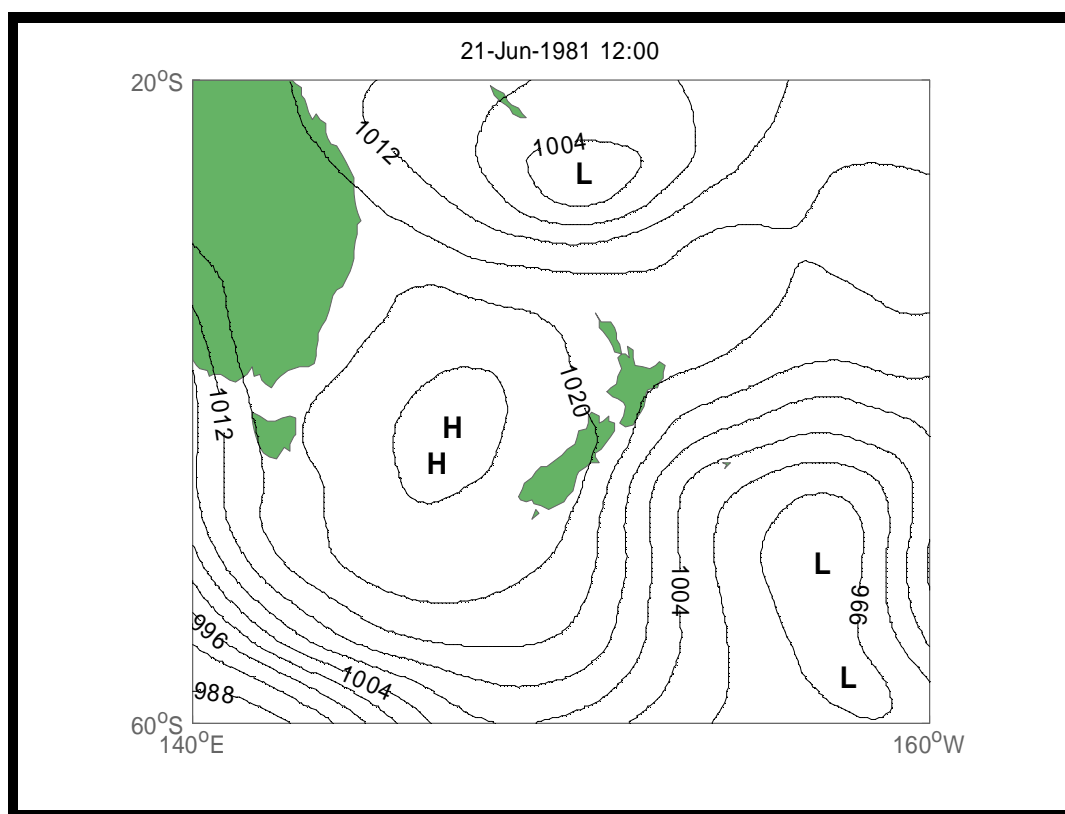


Coastal Storm Database - Event Summary

Date: 21-24 Jun 1981	Wind Direction: SW
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 68
Origin: Southern Ocean	Pressure Gradient: S to SSW
Type: Trough	



Synoptic Conditions

A large anticyclone east of the South Island engulfed the Tasman Sea and NZ region. At the same time a trough from the southern ocean was over the Chatham Islands. Between these systems a S to SSW airstream developed and covered eastern NZ. On the 22-23rd, a low from the subtropics moved southward to the east of NZ and when it was situated northeast of the Chatham Islands extended a trough westward towards the North Island. This subtropical low acted to maintain a strengthened S to SSE flow over the eastern North Island.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	4.0	7
Napier	5.0	9
Gisborne	5.7	9

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
21-Jun-81	35 (SW)	37 (SW)	89 (S)
22-Jun-81	48 (SW)	50 (SW)	96 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
23-Jun-81	67 (SW)	65 (SW)	93 (SW)
24-Jun-81	43 (SW)	43 (SW)	61 (S)
