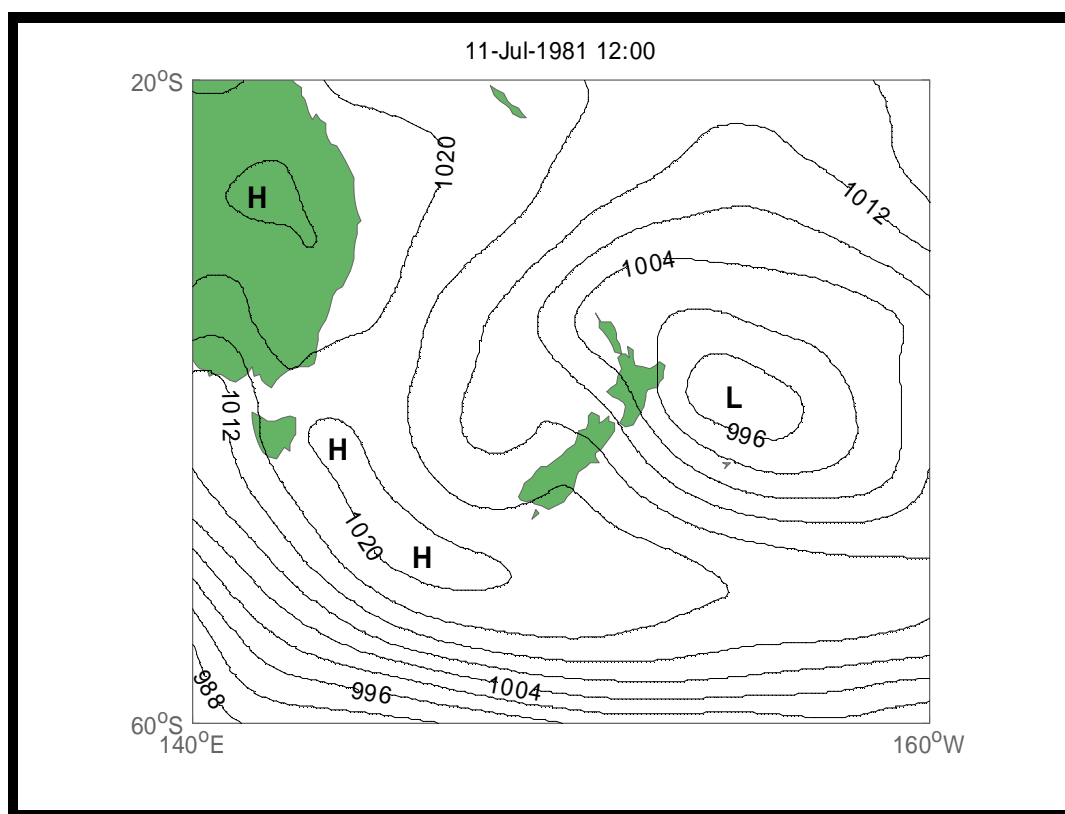


Coastal Storm Database - Event Summary

Date: 11-13 Jul 1981	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 48
Origin: Tasman Sea	Pressure Gradient: S to SE
Type: East Coast Low	



Synoptic Conditions

A cyclone developed east of North Cape from a departing southern ocean cyclone. On the 11th this large cyclone was north of the Chatham Islands and covered the entire North Island. At the same time a ridge covered the South Island and extended eastward below the cyclone. Between the ridge and cyclone was a strong SE to SSE airstream that swept over eastern NZ and continued through the 12th and weekend later that day.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.8	6
Napier	3.3	7
Gisborne	3.6	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
11-Jul-81	59 (SW)	48 (S)	89 (S)
12-Jul-81	56 (SW)	52 (SW)	82 (S)
13-Jul-81	39 (W)	45 (SW)	74 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
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