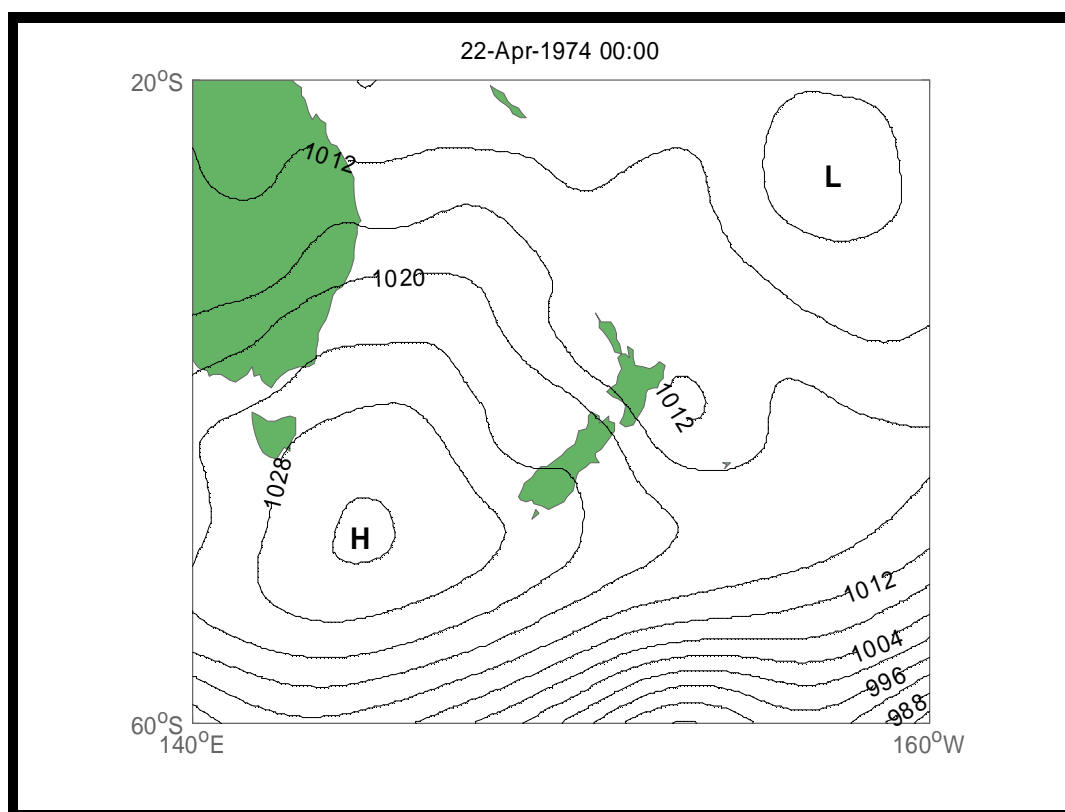


Coastal Storm Database - Event Summary

Date: 21-25 Apr 1974	Wind Direction: S
Event Type: Wind/Erosion	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 99
Origin: Eastern NZ	Pressure Gradient: SSE to SE
Type: Trough	



Synoptic Conditions

A weak area of low pressure developed over NZ from a southern ocean trough and was trapped between two large anticyclones. On the 21st this low pressure centre was over the North Island while a ridge covered the South Island. Between these systems a SE flow developed in the Cook Strait area and continued through to the 24th as the low pressure trough remained northeast of East Cape and during which the Tasman sea anticyclone rolled across the South Island and below the Chatham Islands (i.e both the cyclone and anticyclone were slow moving).

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
21-Apr-74	28 (S)	28 (S)	93 (S)
22-Apr-74	37 (SW)	37 (SW)	102 (S)
23-Apr-74	30 (SE)	63 (SW)	95 (S)
24-Apr-74	59 (S)	67 (SW)	91 (S)
25-Apr-74	37 (SW)	52 (SW)	61 (S)

Impact Area

Gisborne

Impacts and Damages

- Erosion of foredune near the Wainui Beach surf club; large waves and high tide: caused 1-3m erosion scarps