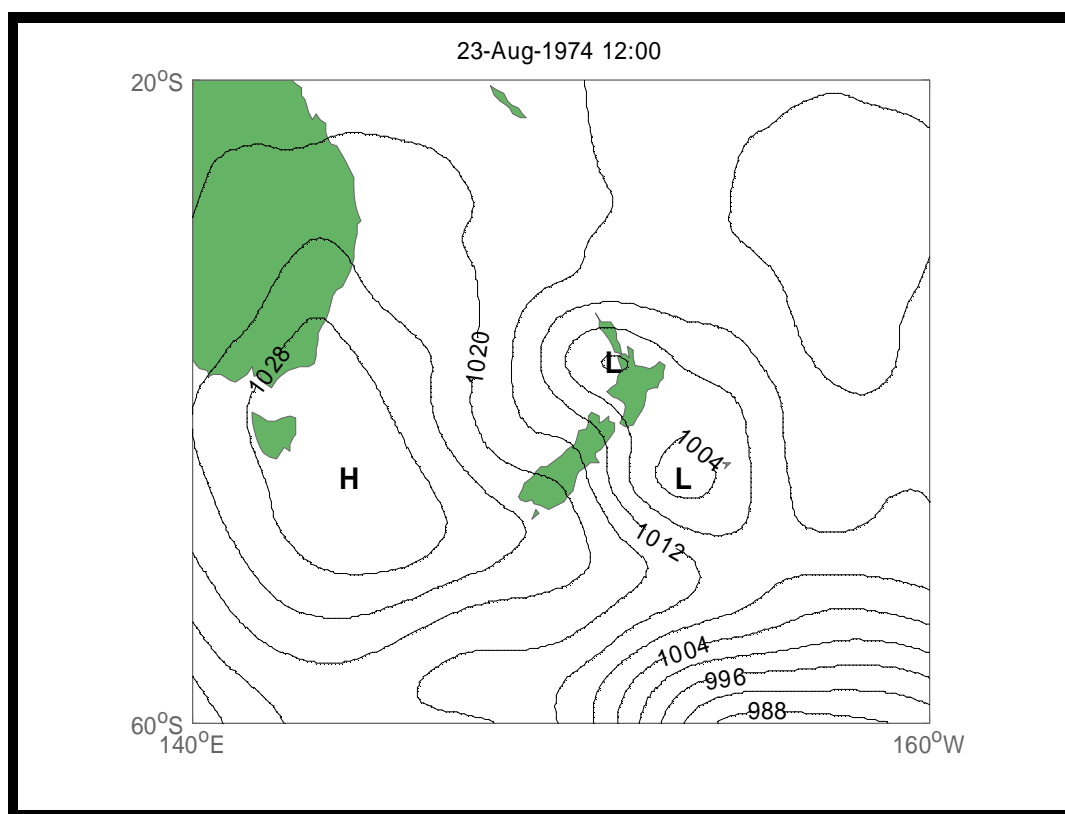


Coastal Storm Database - Event Summary

Date: 22-25 Aug 1974	Wind Direction: S
Event Type: Wind/Erosion	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): 74
Origin: Tasman Sea	Pressure Gradient: S to SSE
Type: East Coast Low	



Synoptic Conditions

A cyclone developed in the central Tasman sea from a southern ocean trough and passed through Cook Strait. On the 22nd this cyclone was east of the Canterbury coast and being followed by a large intense anticyclone in the south Tasman sea. Between these systems a southerly airstream developed over the eastern South Island and turned to the S to SSE on the 23rd and was sustained in the Cook Strait area through to the 25th. During this period the SE flow was maintained by an area of low pressure (cyclonic centre) that lingered over the eastern North Island and its strength varied.

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
22-Aug-74	32 (NW)	37 (SW)	
23-Aug-74	28 (NW)	33 (SW)	95 (S)
24-Aug-74	28 (S)	37 (SW)	95 (S)
25-Aug-74	61 (S)	59 (SW)	117 (S)

Impact Area

Gisborne

Impacts and Damages

- Considerable erosion of the foredunes at Wainui Beach have placed some house very close to the dune edge
- Estimated 8ft of foreshore eroded in 6 weeks at Midway Beach

Data Source

- 1 Midway Foreshore Suffering Erosion at Staggering Rate: Gisborne Herald, 29/08/1974, p1
 - 2 Squall Brings Rain, Snow: Gisborne Herald, 28/08/1974, p1
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