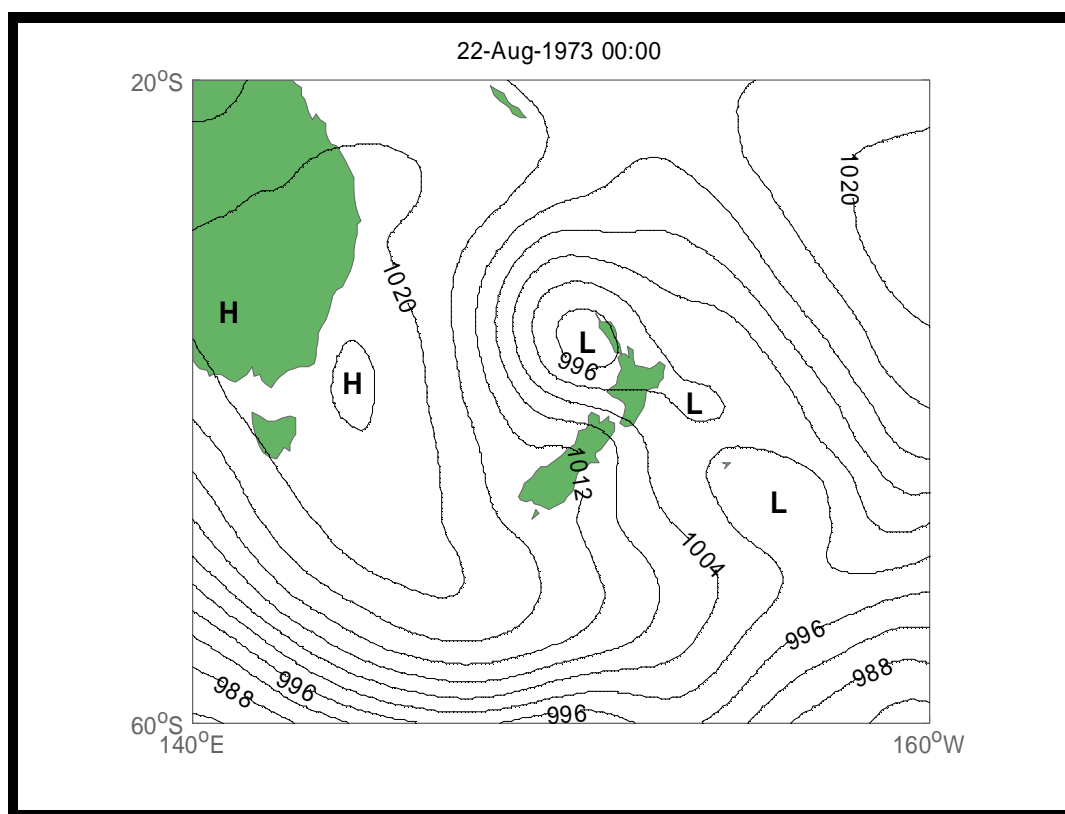


Coastal Storm Database - Event Summary

Date: 21-23 Aug 1973	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): 7
Location: Gisborne/Wellington	Wellington Duration (Hours): 47
Origin: Tasman Sea	Pressure Gradient: S to SSE
Type: East Coast Low	



Synoptic Conditions

A cyclone developed east of Bass Strait from a southern ocean trough and passed over the upper South Island. A secondary centre then developed west of Auckland from the trough of this cyclone as it moved away east. At the same time a large anticyclone in the Tasman sea spread a ridge onto the lower South Island. Between these features a S to SSE airstream developed and swept through Cook Strait and later spread up the eastern North Island. This flow continued through the 22nd as the cyclone moved near the Chathams and into the 23rd and weakened around midday on the 23rd

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
21-Aug-73	69 (NW)		87 (N)
22-Aug-73	61 (S)		93 (S)
23-Aug-73	67 (S)		82 (S)

Impact Area

Gisborne

- Numerous slips throughout district
- Railway line blocked between Gisborne and Wairoa
- Snowfall in hill country

Wellington

- Worst storm this year in Cook Strait

Data Source

- 1 Slips Cut Roads But Rail Open: Gisborne Herald, 24/08/1973, p1
 - 2 Wind, Rain Lash Wairoa: Gisborne Herald, 23/08/1973, p1
 - 3 Lamb Losses Soar at Snow, Rain and Wind Lash District: Gisborne Herald, 23/08/1973, p1
 - 4 Icy Grip Fastens on N. Island: New Zealand Herald, 23/08/1973, p3
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