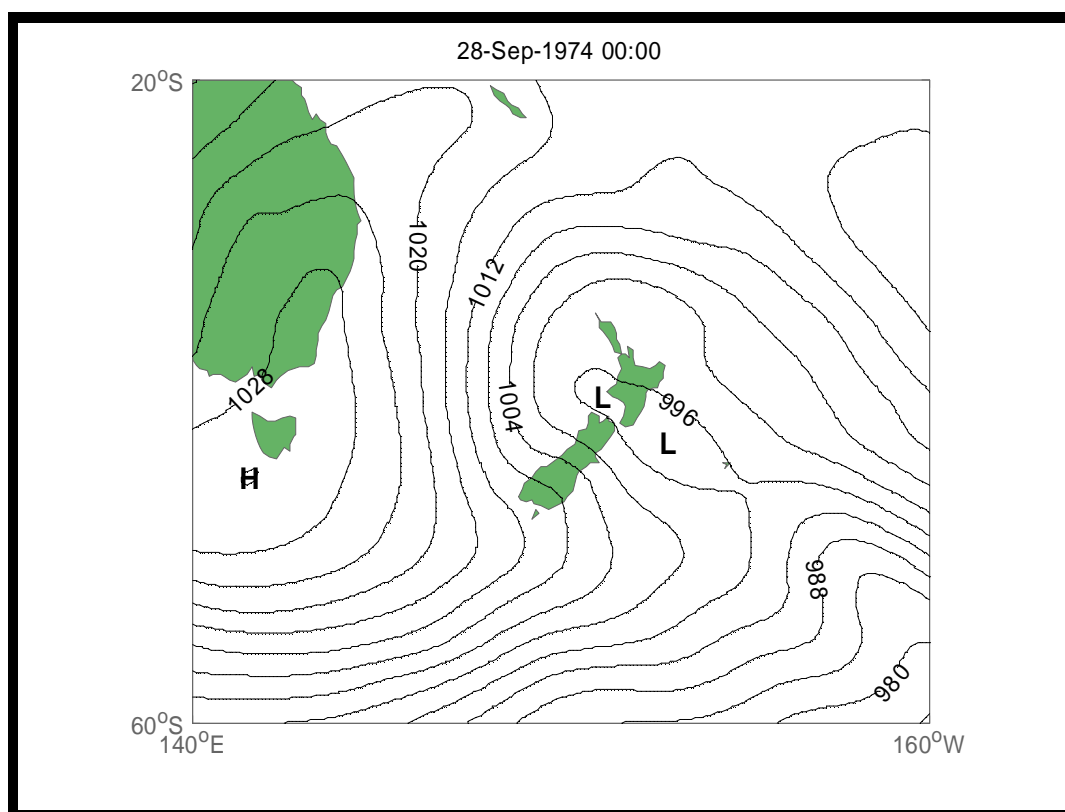


# Coastal Storm Database - Event Summary

Date: <b>27-29 Sep 1974</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>20</b>
Location: <b>Gisborne/Wellington</b>	Wellington Duration (Hours): <b>46</b>
Origin: <b>Eastern NZ</b>	Pressure Gradient: <b>SE</b>
Type: <b>East Coast Secondary Low</b>	



## Synoptic Conditions

A cyclone developed over coastal Sydney and moved southeast-ward across the Tasman sea and through Cook Strait. As this cyclone moved into the southern ocean another centre developed east of NZ from its trough that remained over the country. On the 28th this cyclone was east of Hawkes Bay and had a large intense anticyclone on its western side with ridge over the South Island. Between these systems a strong SE airstream developed through Cook Strait and over the lower North Island and later veered to the south. This flow spread up the eastern North Island as a SE flow.

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
27-Sep-74	50 (NW)	67 (NW)	72 (NW)
28-Sep-74	87 (S)	67 (S)	100 (S)
29-Sep-74	83 (S)	65 (S)	93 (S)

## Impact Area

Gisborne

## Impacts and Damages

- Coastal area hardest hit
- Surface flooding around city

## Data Source

- 1 Gisborne Dries Out After a Record Weekend Downpour: Gisborne Herald, 30/09/1974, p1

