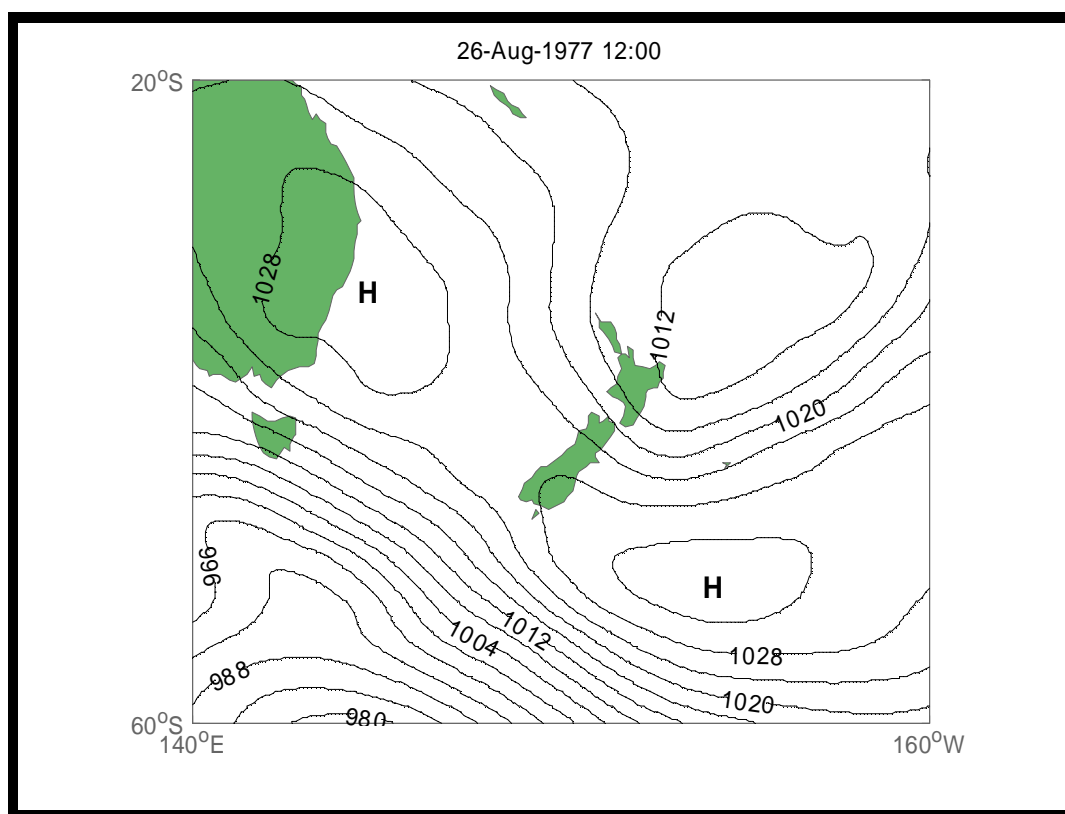


# Coastal Storm Database - Event Summary

Date: <b>26-27 Aug 1977</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>24</b>
Origin: <b>Subtropics</b>	Pressure Gradient: <b>E to SE</b>
Type: <b>Cyclone-Anticyclone Pair</b>	



## Synoptic Conditions

A cyclone from the subtropics moved southward towards eastern NZ at a time when a large intense anticyclone covered the area east of NZ. On the 23rd this cyclone and southern anticyclone collided and a NE airstream started to affect the eastern North Island. Over the next few days the cyclone moved progressively southward and the flow shifted to the E and then SE over the eastern North Island. On the 26th the cyclone had moved northward and was off East Cape and the South Island and area southward was still occupied by an anticyclone. Between these systems a strong SE airstream developed and swept over the lower North Island and Cook Strait area through till the 27th.

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
26-Aug-77	48 (S)	45 (S)	91 (S)
27-Aug-77	39 (S)	37 (SE)	93 (S)

## Impact Area

Wellington

## Impacts and Damages

- House at Eastbourne destroyed by tons of mud and debris from slips
- Low cloud cancelled flights at airport
- Closed sports grounds from heavy rain

## Data Source

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- 1 Rain Affects Sport, And Again Hits Air Services: Evening Post, 27/08/1977, p1
  - 2 Flood of Mud Smashes into Family Home at Eastbourne: Evening Post, 27/08/1977, p1
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