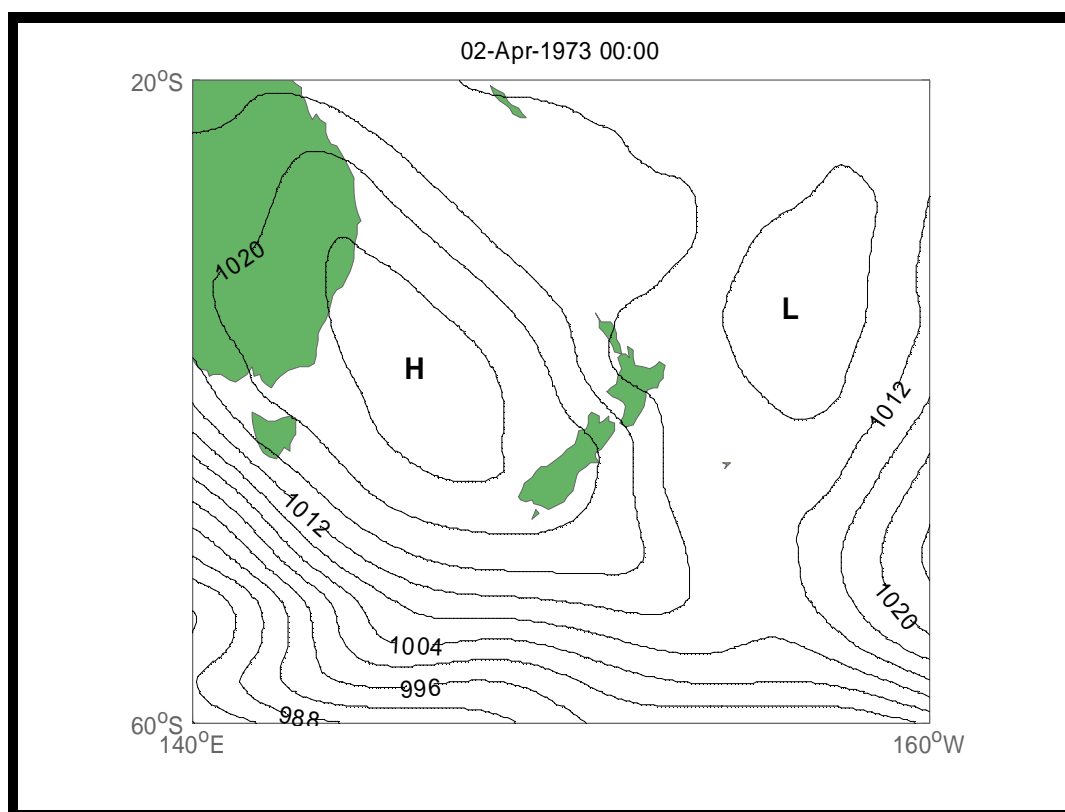


# Coastal Storm Database - Event Summary

Date: <b>1-4 Apr 1973</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>44</b>
Location: <b>Gisborne/Wellington</b>	Wellington Duration (Hours): <b>29</b>
Origin: <b>Subtropics</b>	Pressure Gradient: <b>SSE to SE</b>
Type: <b>Trough</b>	



## Synoptic Conditions

An eastward-moving Tasman sea anticyclone with a ridge to the southeast over the South Island collided with a large area of low pressure east of NZ and a southerly airstream was created on its eastern side over NZ. The area of low pressure remained east of East Cape and as the anticyclone moved onto the South Island the strong SSE airstream continued through the 2nd and 3rd. On the 4th a trough of low pressure from the subtropics extended southward and the flow and maintained the SE flow.

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
01-Apr-73	45 (S)		80 (S)
02-Apr-73	80 (S)		74 (S)
03-Apr-73	83 (S)		78 (S)
04-Apr-73	85 (S)		52 (S)

## Data Source

- 1 Winds Buffet City: Gisborne Herald, 5/04/1973, p12