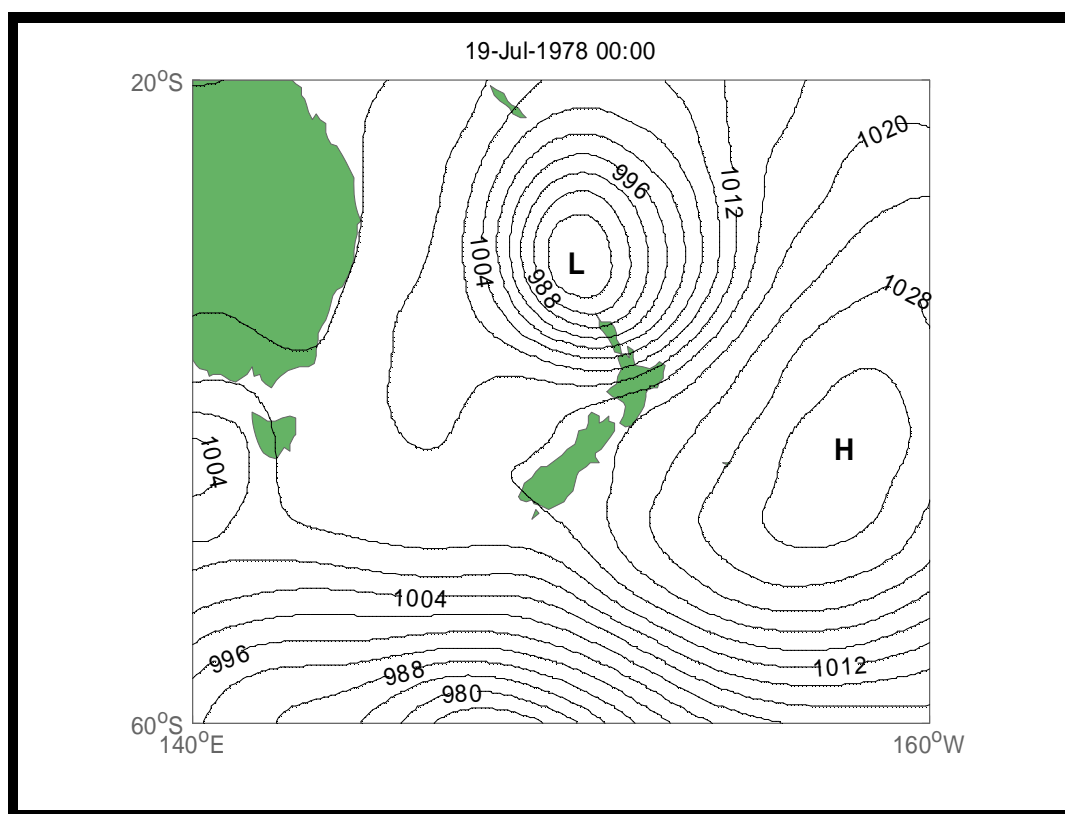


# Coastal Storm Database - Event Summary

Date: <b>18-19 Jul 1978</b>	Wind Direction:
Event Type: <b>Wave</b>	Gisborne Duration (Hours): -
Location: <b>Gisborne</b>	Wellington Duration (Hours): -
Origin: <b>Subtropics</b>	Pressure Gradient: <b>NE</b>
Type: <b>Subtropical Low</b>	



## Synoptic Conditions

A cyclone from west of New Caledonia moved south to southeast-ward towards NZ at a time when NZ was covered by large intense anticyclone. On the 18th this cyclone was north of North Cape and had a very intense NE airstream on its southern side that swept over the northeastern coast of NZ and affected the upper North Island. At this stage the large anticyclone that was over NZ had moved eastward and covered the Chatham Islands and South Island. On the 19th the northern cyclone was over North Cape and the strong NE flow on its southern side swept over eastern NZ and down the eastern North Island and then shifted to the NW as the cyclone moved across central NZ and weakened.

## Sea Conditions

Large seas at East Cape

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
18-Jul-78	67 (E)	56 (E)	37 (E)
19-Jul-78	93 (E)	82 (E)	65 (S)

## Impact Area

Gisborne

## Impacts and Damages

- Estimated \$125,000 worth of damage to roads
- Tolaga Bay wharf disappeared in rough conditions of foam and mist

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Impact Area	Impacts and Damages
	<ul style="list-style-type: none"><li>• Flights cancelled at airport</li><li>• Surface water over State highway 34 near Tokomaru Bay</li><li>• Trees downed and surface water covered many areas</li></ul>
Whakatane	<ul style="list-style-type: none"><li>• Erosion of Ohiwa Spit</li></ul>
Opotiki	<ul style="list-style-type: none"><li>• Retaining wall protecting road near Waiotahi River mouth undermined</li></ul>
East Cape	<ul style="list-style-type: none"><li>• Sea swept across East Cape Road at the Te Araroa township leaving debris over road</li></ul>

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#### Data Source

- 1 Storm-hit Waiapu Facing \$125,000 Worth of Repairs: Gisborne Herald, 28/07/1978, p8
  - 2 Opotiki's Turn to Take Battering: Gisborne Herald, 21/07/1978, p1
  - 3 Storm Hits North, Threatens South, Misses Wellington: Evening Post, 20/07/1978, p5
  - 4 Freak High Tides & Record River Levels: Gisborne Herald, 20/07/1978, p1
  - 5 And East Coast Takes a Battering: Gisborne Herald, 19/07/1978, p1
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