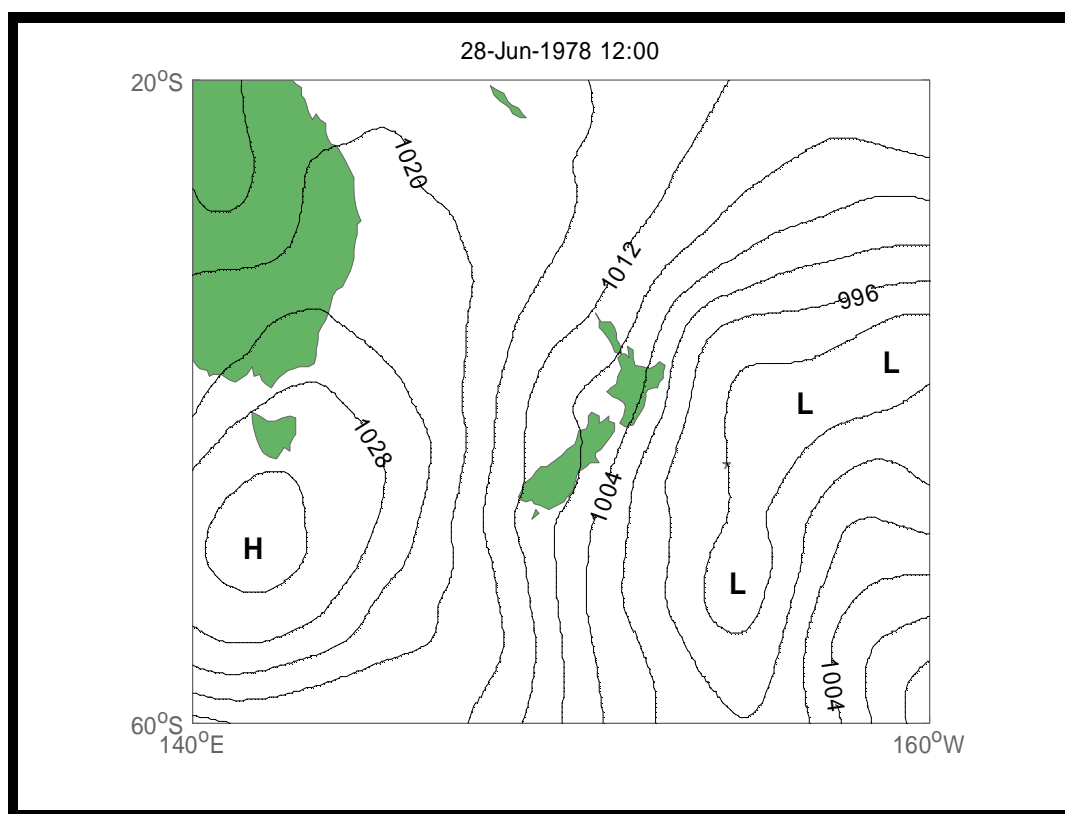


# Coastal Storm Database - Event Summary

|                               |  |
|-------------------------------|--|
| Date: <b>28-30 Jun 1978</b>   | Wind Direction: <b>S</b>               |
| Event Type: <b>Wind</b>       | Gisborne Duration (Hours): <b>-</b>    |
| Location: <b>Wellington</b>   | Wellington Duration (Hours): <b>51</b> |
| Origin: <b>Southern Ocean</b> | Pressure Gradient: <b>S to SSW</b>     |
| Type: <b>East Coast Low</b>   |  |



## Synoptic Conditions

A cyclone over Tasmania moved northeast-ward and over Northland and during which a southern trough extended northward of eastern NZ. On the 28th these two cyclones combined east of NZ over the Chatham Island and created a large area of low pressure. At the same time an intense anticyclone was south of Tasmania and covered the western Tasman sea. On the western side of the cyclone that was off eastern NZ was a strong S to SSW airstream that swept over the country and was strongest on the 29th when a secondary centre developed over the Chathams. This flow was sustained on the 30th as the departing cyclone east of the Chatham Islands extended a weak trough to the west.

## Maximum Wind Gusts (kph and dir)

| Date      | Gisborne | Napier  | Wellington |
|-----------|----------|---------|------------|
| 28-Jun-78 | 63 (SW)  | 54 (SW) | 89 (SW)    |
| 29-Jun-78 | 56 (SW)  | 72 (SW) | 93 (S)     |
| 30-Jun-78 | 63 (SW)  | 82 (SW) | 91 (S)     |

## Impact Area

Gisborne  
Wellington

## Impacts and Damages

- Snow in hill country
- Snow on Rimutaka hills

## Data Source

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- 1 Heavy Snowfalls Block Highway, Close Schools: Gisborne Herald, 30/06/1978, p1
  - 2 Snow Traps on Rimutaka's As Cold Deepens: Evening Post, 30/06/1978, p1
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