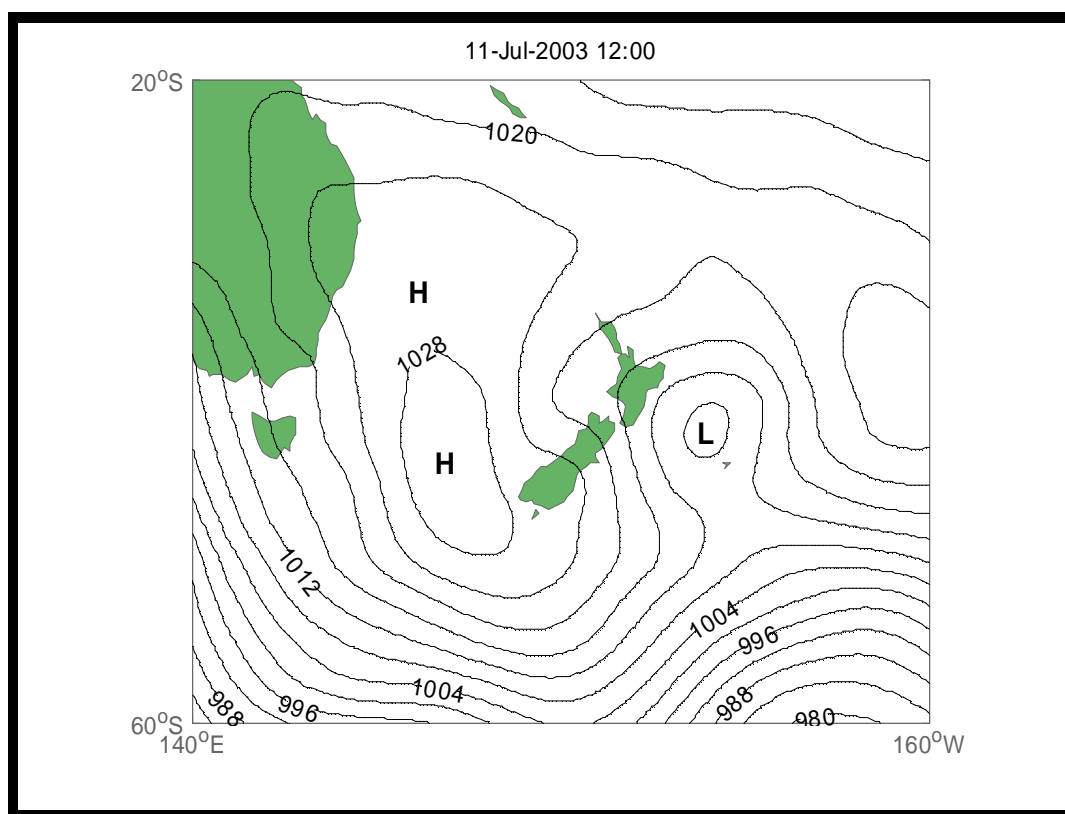


# Coastal Storm Database - Event Summary

|                                       |  |
|---------------------------------------|--|
| Date: <b>11-12 Jul 2003</b>           | Wind Direction: <b>S</b>               |
| Event Type: <b>Wind</b>               | Gisborne Duration (Hours): <b>-</b>    |
| Location: <b>Wellington</b>           | Wellington Duration (Hours): <b>29</b> |
| Origin: <b>Eastern NZ</b>             | Pressure Gradient: <b>S to SSE</b>     |
| Type: <b>East Coast Secondary Low</b> |  |



## Synoptic Conditions

A secondary cyclone developed from a southern ocean trough over the Chatham Islands on the 11th. At the same time a large intense anticyclone was in the south Tasman sea and covered the South Island. Between these systems a strong S to SSE airstream developed over the eastern South Island and in Cook Strait. This southerly flow then moved up the eastern North Island.

## Maximum Wave Statistics

| Location   | Max Wave Height (m) | Period (s) |
|------------|---------------------|------------|
| Wellington | 7.5                 | 7          |
| Napier     | 3.0                 | 10         |

\*Maximum Wave Height

## Maximum Wind Gusts (kph and dir)

| Date      | Gisborne | Napier | Wellington |
|-----------|----------|--------|------------|
| 11-Jul-03 |          |        | 83 (S)     |
| 12-Jul-03 |          |        | 76 (S)     |