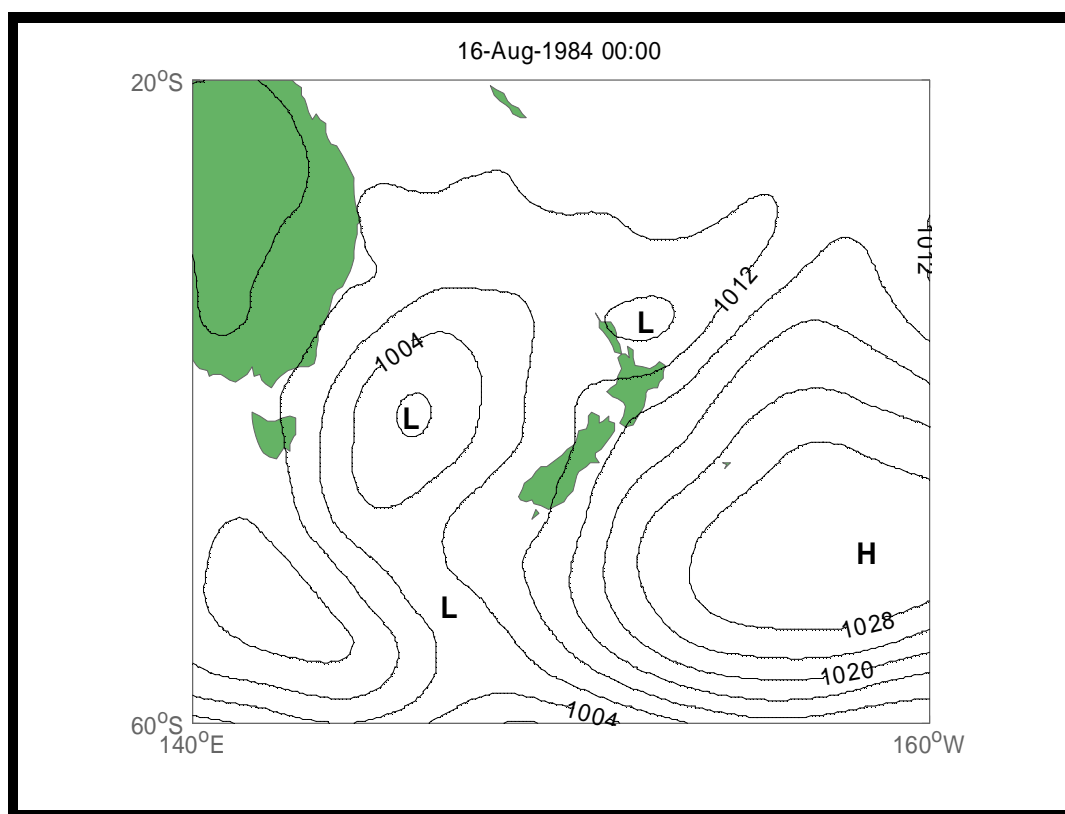


Coastal Storm Database - Event Summary

| | |
|---------------------------|---------------------------------------|
| Date: 16 Aug 1984 | Wind Direction: NE |
| Event Type: Wind | Gisborne Duration (Hours): 7 |
| Location: Gisborne | Wellington Duration (Hours): - |
| Origin: Tasman Sea | Pressure Gradient: NE |
| Type: Anticyclonic | |



Synoptic Conditions

An intense anticyclone south of the Chatham Islands extended a ridge westward towards NZ. At the same time, a large cyclone that formed near Tasmania occupied the Tasman Sea. Between these two features, a NE airstream was generated and swept over the eastern North Island. A northeasterly flow had affected the eastern North Island from the 14th, though the period of strongest winds was on the 16th.

Sea Conditions

Measured waves off Gisborne just touched 3m

Maximum Wave Statistics

| Location | Max Wave Height (m) | Period (s) |
|------------|---------------------|------------|
| Wellington | 3.7 | 7 |
| Napier | 3.2 | 8 |
| Gisborne | 3.6 | 8 |

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

| Date | Gisborne | Napier | Wellington |
|------|----------|--------|------------|
|------|----------|--------|------------|

Maximum Wind Gusts (kph and dir)

| | Date | Gisborne | Napier | Wellington |
|--------------------|--|----------|--------|------------|
| | 16-Aug-84 | 85 (E) | 85 (E) | |
| Impact Area | Impacts and Damages | | | |
| Gisborne | <ul style="list-style-type: none">● Measured waves reach up to 3m heights● Sewage spills due to heavy rain● Flights disrupted at airport | | | |
| Data Source | | | | |
| 1 | Sewage Spills in Kaiti Again after Downpour: Gisborne Herald, 17/08/1984, p3 | | | |
| 2 | Weather Nearly Put Paid to Big Parade: Gisborne Herald, 16/08/1984, p1 | | | |