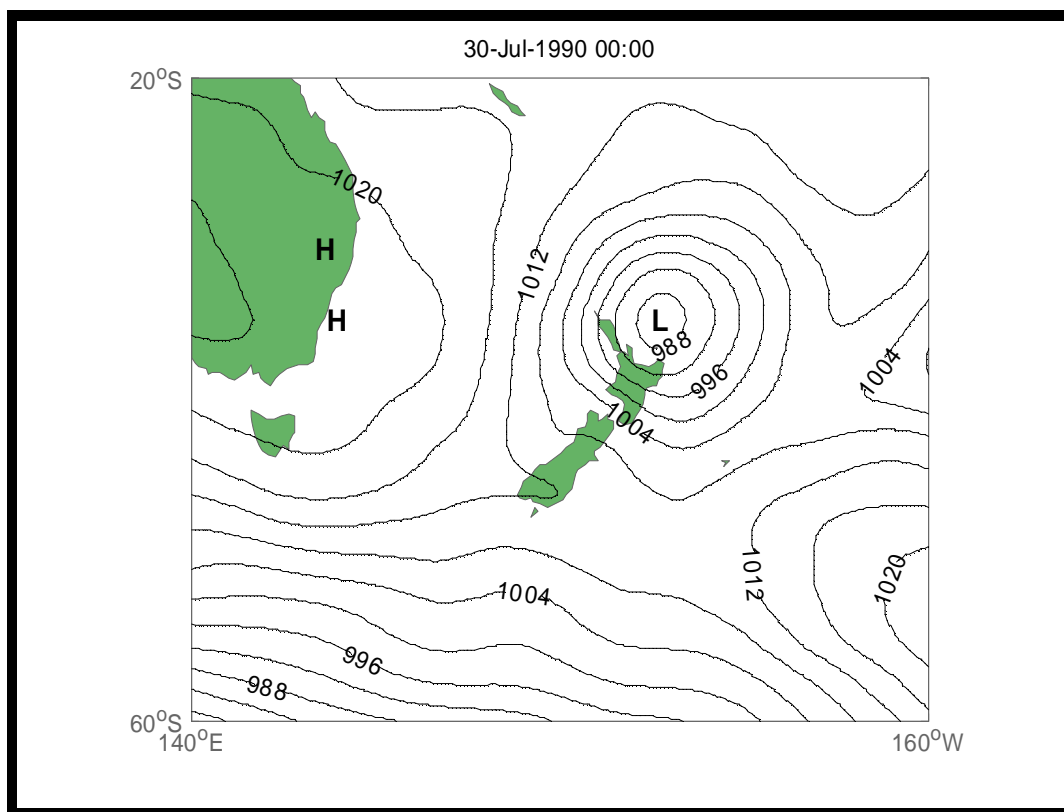


# Coastal Storm Database - Event Summary

Date: <b>29-31 Jul 1990</b>	Wind Direction: <b>SE</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>32</b>
Origin: <b>Subtropics</b>	Pressure Gradient: <b>E to SE</b>
Type: <b>East Coast Low</b>	



## Synoptic Conditions

A cyclone formed off the south Brisbane coast and moved eastward towards Northland during which it intensified into a large cyclonic system. On the 29th this cyclone was situated north of East Cape and covered the eastern North Island with a strong E to SE airstream and was sustained through to the 30th as the cyclone moved slowly eastward and a ridge spread onto the South Island

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.1	7
Napier	2.8	7
Gisborne	3.0	7

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
29-Jul-90	59 (E)		82 (SE)
30-Jul-90	74 (S)		
31-Jul-90	57 (S)		52 (S)

---

**Maximum Wind Gusts (kph and dir)**

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

---

**Data Source**

- 1 District Gets a Soaking: Gisborne Herald, 30/07/1990, p1
-