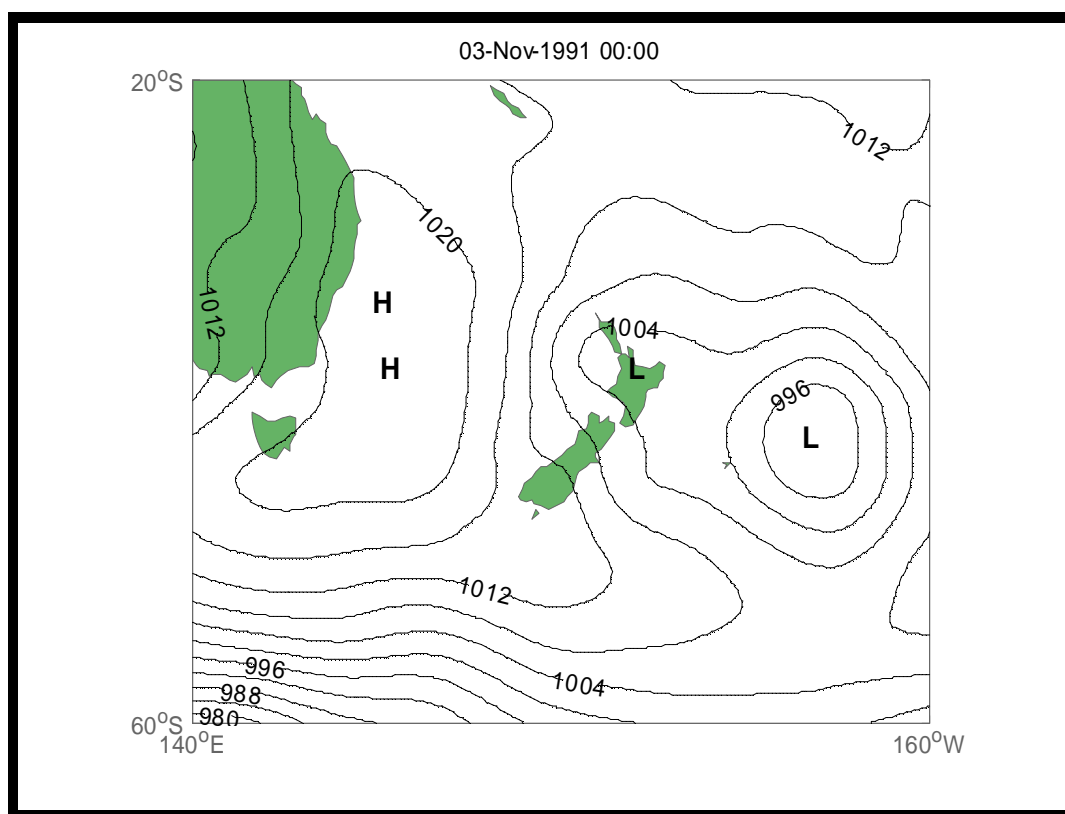


# Coastal Storm Database - Event Summary

Date: <b>3-5 Nov 1991</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>52</b>
Origin: <b>Eastern NZ</b>	Pressure Gradient: <b>SE</b>
Type: <b>East Coast Secondary Low</b>	



## Synoptic Conditions

A cyclone developed over the South Island from a southern ocean trough and tracked northeast-ward to be over East Cape on the 3rd. At the same time a Tasman sea anticyclone extended a ridge over the South Island. This created a SE flow over the lower North Island and through Cook Strait and then intensified on the 4th as the ridge over the South Island moved below the Chatham Islands

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.5	6
Napier	2.0	6
Gisborne	2.4	6

\*Highest Significant Wave Height

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
03-Nov-91	52 (S)		85 (S)
04-Nov-91	72 (S)		96 (S)
05-Nov-91	61 (S)		72 (S)

---

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

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

---