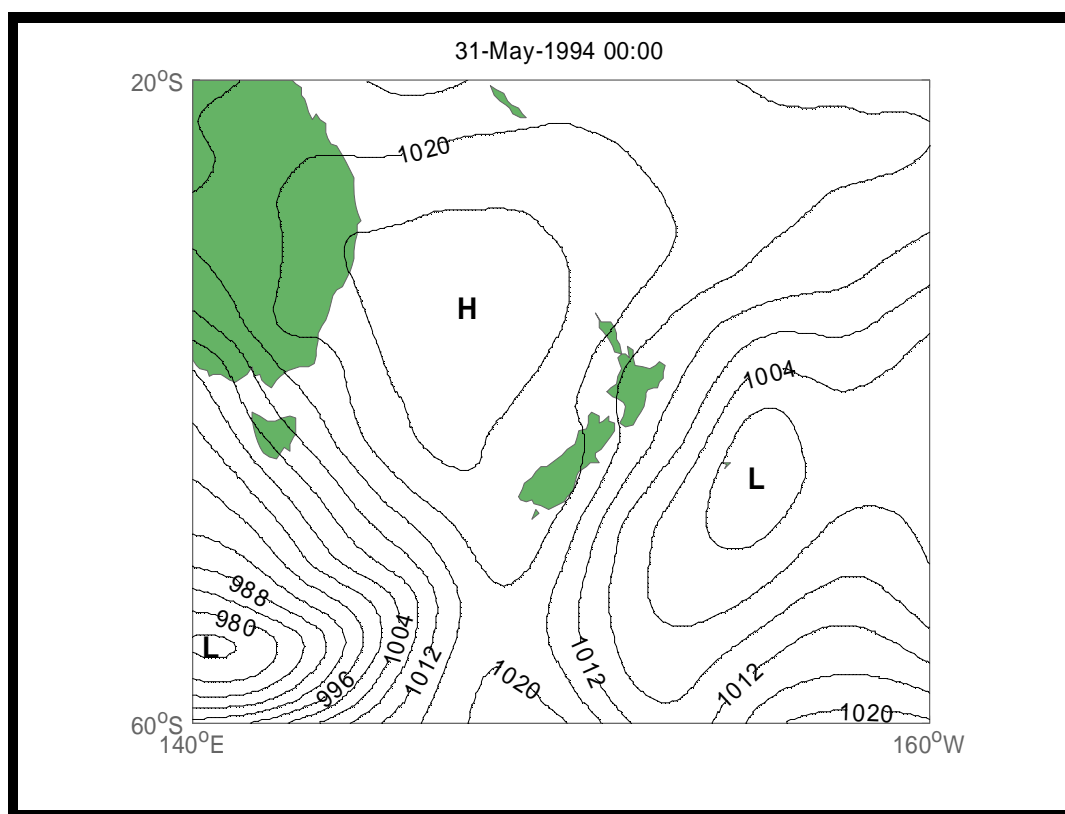


# Coastal Storm Database - Event Summary

Date: <b>30-1 Jun 1994</b>	Wind Direction: <b>SW</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>35</b>
Origin: <b>Southern Ocean</b>	Pressure Gradient: <b>S to SSW</b>
Type: <b>East Coast Low</b>	



## Synoptic Conditions

A secondary cyclone from the southern ocean moved northeast-ward along the eastern coast of NZ. On the 31st this cyclone was over of the Chatham Islands and had a trough extending to the southwest. At the same time a large intense anticyclone was in the north Tasman sea and covered the western portion of NZ. Between these two systems SSW airstream developed and swept through Cook Strait and then moved up the eastern North Island. The strong pressure gradient continued over the upper North Island as the anticyclone moved eastwards due to a trough east of East Cape.

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	7.4	10
Napier	6.6	10
Gisborne	8.2	10

\*Highest Significant Wave Height