

# Coastal Storm Database - Event Summary

Date: **19-20 Sep 2005**

Wind Direction: **S**

Event Type: **Wind**

Gisborne Duration (Hours): **-**

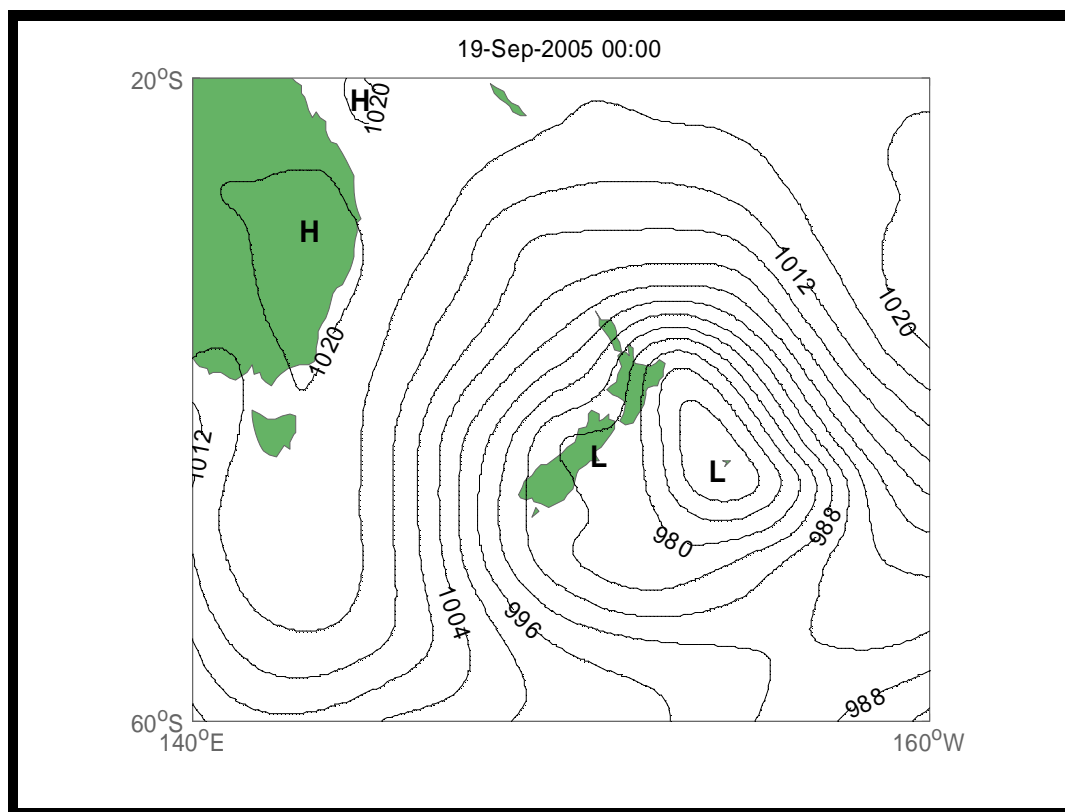
Location: **Wellington**

Wellington Duration (Hours): **12**

Origin: **Subtropics**

Pressure Gradient: **S to SW**

Type: **Trough**



## Synoptic Conditions

A cyclone developed off the Brisbane coast and developed into a large cyclonic system as it moved southeast-ward across the Tasman and over the lower North Island. On the 19th this cyclone was southeast of the Chatham Islands and extended a trough towards NZ and over the North Island. A strong S to SSW airstream occupied the western sector of the cyclone and swept over the eastern North Island and upper South Island. The flow then weakened and veered to the SW.

## Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	9.7	10
Napier	3.3	14

\*Maximum Wave Height