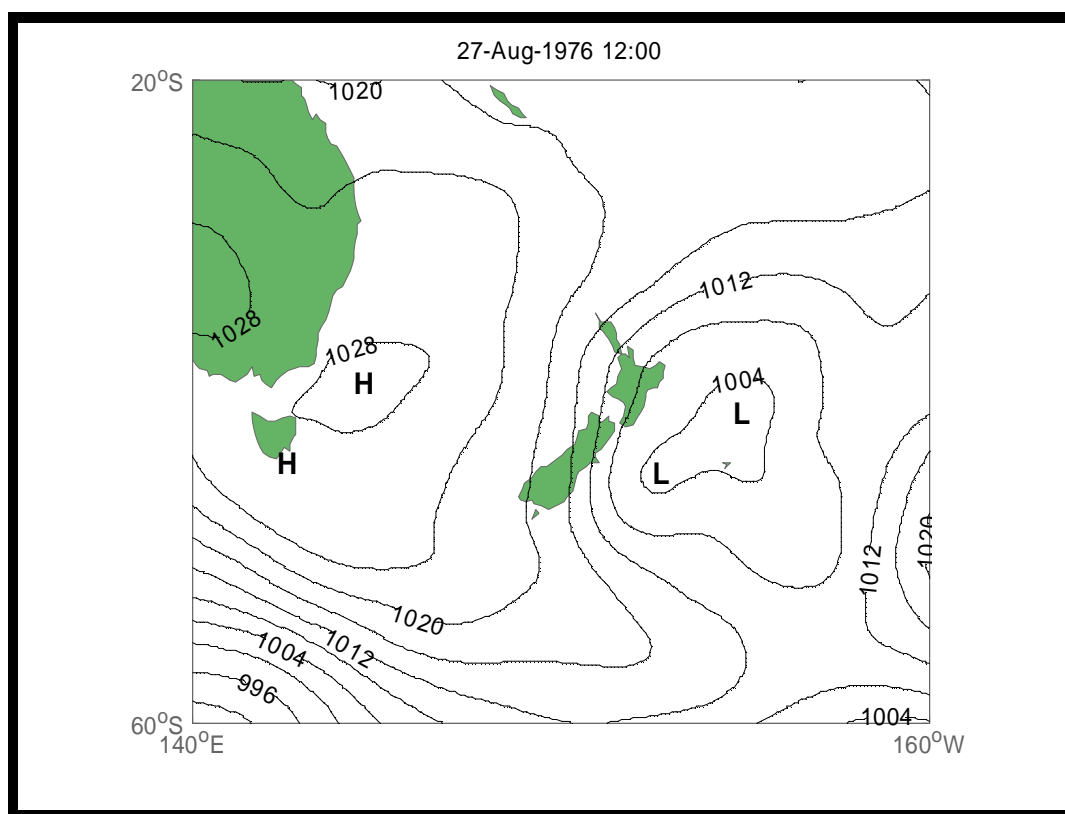


Coastal Storm Database - Event Summary

Date: 27-30 Aug 1976	Wind Direction: SSW
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 86
Origin: Tasman Sea	Pressure Gradient: S to SE
Type: East Coast Low	



Synoptic Conditions

A cyclone over Tasmania and Bass Strait moved eastward and across the lower South Island. On the 27th this cyclone had weakened considerably and was over the Chatham Islands and was flanked by a large anticyclone in the Tasman sea. The collision of these two systems generated a strong S to SSE airstream over the eastern South Island and through Cook Strait. This cyclone lingered east of NZ on the 28th and 29th and during which the Tasman sea anticyclone spread a ridge eastward below NZ and the Chatham Islands. This maintained the SSE to SE flow over the eastern North Island.

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
27-Aug-76	50 (SW)	48 (S)	108 (S)
28-Aug-76	59 (SW)	57 (SW)	89 (S)
29-Aug-76	46 (S)	37 (SW)	95 (S)
30-Aug-76	56 (S)	46 (S)	78 (S)