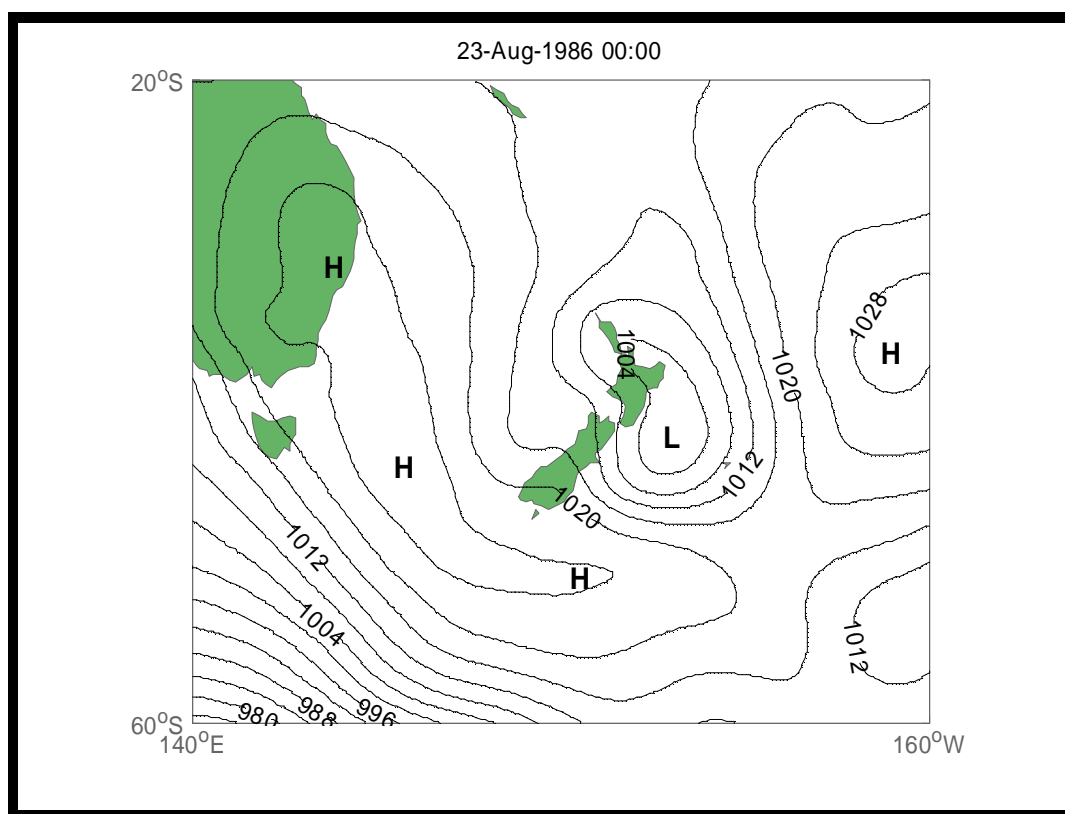


Coastal Storm Database - Event Summary

Date: 22-24 Aug 1986	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 29
Origin: Subtropics	Pressure Gradient: S to SE
Type: East Coast Low	



Synoptic Conditions

A cyclone formed to the NE of North Cape and crossed NZ on the 21-22nd. On the 23rd this cyclone was off Cook Strait and a strong S to SE airstream on its western side west over the eastern South Island and Cook Strait area. The cyclone then moved slowly eastward and when it was over the Chatham Islands the flow veered to the SE and continued to affect the Cook Strait area through till the 24th. During this period a large anticyclone resided south of NZ.

Storm Type Sequence - east coast low - cyclone-anticyclone pair

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.7	6
Napier	3.0	7
Gisborne	3.4	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
22-Aug-86	52 (NE)	37 (SW)	102 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
23-Aug-86	17 (S)	28 (SW)	106 (SW)
24-Aug-86	32 (SW)	67 (SE)	95 (S)
