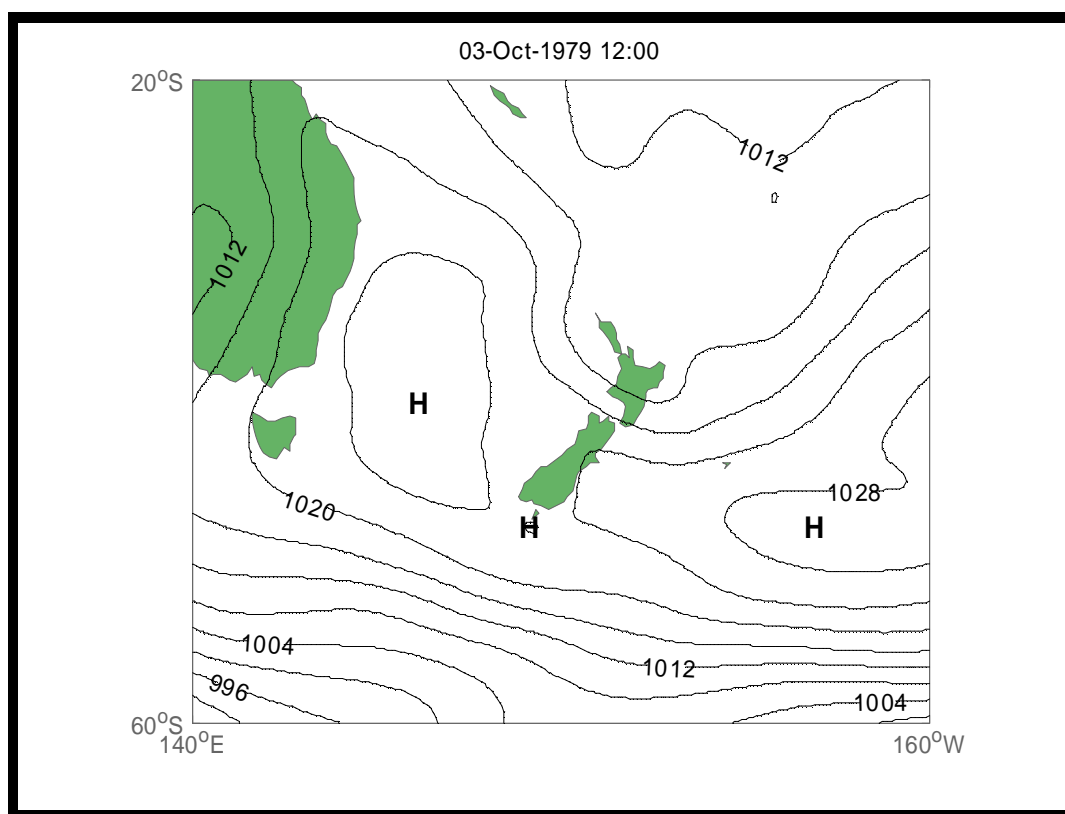


Coastal Storm Database - Event Summary

Date: 3-5 Oct 1979	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 35
Origin: Subtropics	Pressure Gradient: ESE to SE
Type: East Coast Low	



Synoptic Conditions

A weak area of low pressure over NZ combined with a trough from the subtropics and developed into a weak low pressure centre over the North Island. As the same time a ridge of high pressure covered the South Island. Between these features a strong ESE to SE airstream developed in the Cook Strait area and this flow was maintained through the 4th as the cyclone intensified and moved southward.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.8	6
Napier	2.2	6
Gisborne	2.3	6

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
03-Oct-79	39 (E)	48 (W)	65 (S)
04-Oct-79	50 (SW)	70 (SW)	74 (S)
05-Oct-79	22 (S)	61 (SW)	63 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
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