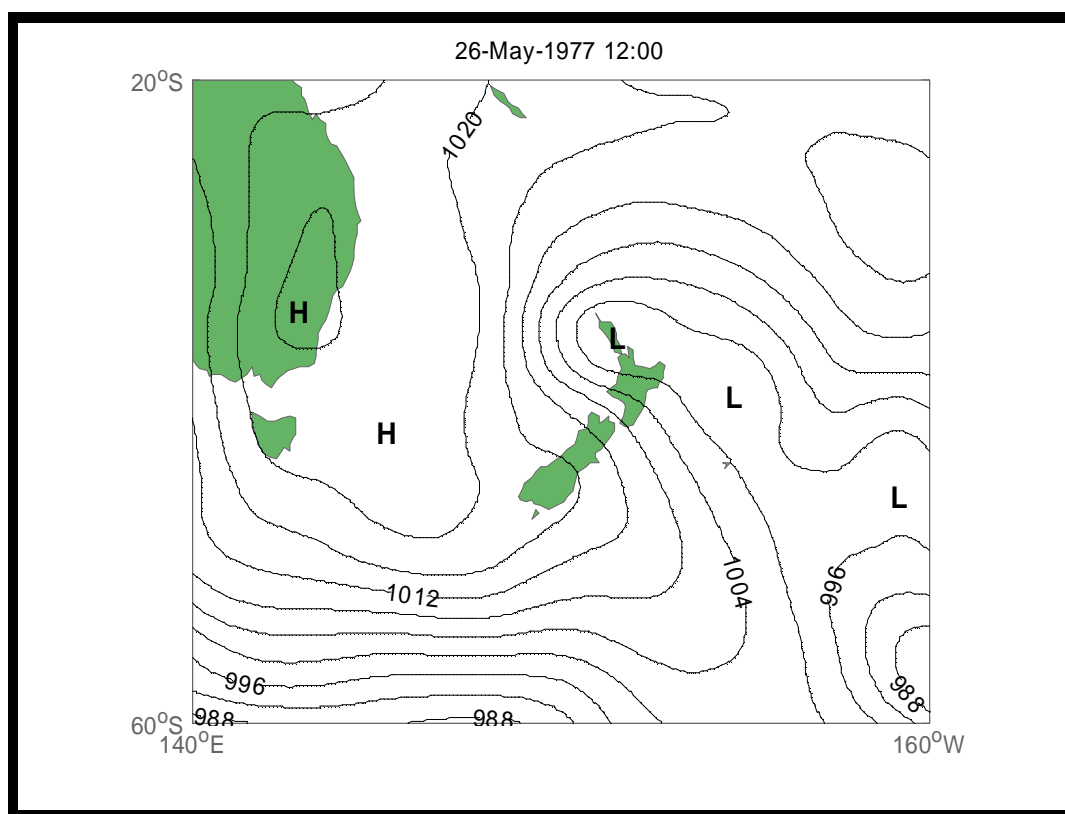


Coastal Storm Database - Event Summary

Date: 26-27 May 1977	Wind Direction: S
Event Type: Wind/Erosion	Gisborne Duration (Hours): 7
Location: Gisborne/Wellington	Wellington Duration (Hours): 27
Origin: Tasman Sea	Pressure Gradient: SSE to SE
Type: East Coast Low	



Synoptic Conditions

A cyclone from the Australian Bight area moved into the Tasman sea and passed over the central North Island. On the 26th this cyclone was north of the Chathams with a trough over Northland. At the same time a large anticyclone in the Tasman sea extended a ridge to the southeast over the South Island. Between these features a strong SSE to SE airstream developed over the lower North Island and through Cook Strait before spreading up the North Island as the cyclone moved eastward.

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
26-May-77	87 (S)	67 (S)	93 (S)
27-May-77	65 (S)	56 (SW)	70 (S)

Impact Area

Gisborne

Impacts and Damages

- Between Wainui stream and Cooper Street (Wainui Beach, Gisborne) sand removed an underlying blue pug mud exposed