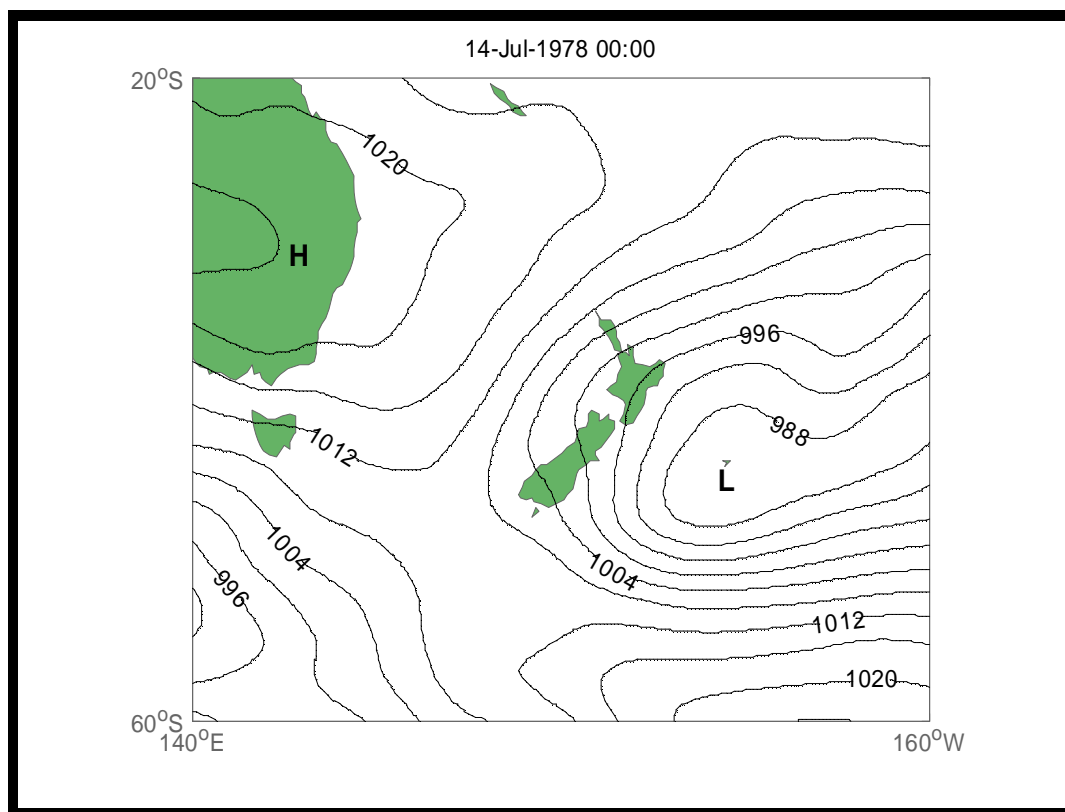


# Coastal Storm Database - Event Summary

Date: <b>13-15 Jul 1978</b>	Wind Direction: <b>S</b>
Event Type: <b>Wind</b>	Gisborne Duration (Hours): <b>-</b>
Location: <b>Wellington</b>	Wellington Duration (Hours): <b>45</b>
Origin: <b>Eastern NZ</b>	Pressure Gradient: <b>S</b>
Type: <b>East Coast Low</b>	



## Synoptic Conditions

A secondary cyclone developed east of NZ from a the southern ocean cyclone south of the Tasman sea. On the 13th this cyclone was over the Chatham Islands and the strong southerly airstream on its western side swept over eastern NZ. This flow intensified on the 14th as the cyclone was slow in moving eastward and during which a large anticyclone in the Tasman sea moved eastward and collided with the cyclones trough over NZ.

Strom Type Sequence: east coast low - trough

## Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
13-Jul-78	65 (NW)	65 (W)	76 (S)
14-Jul-78	65 (SW)	63 (SW)	87 (S)
15-Jul-78	63 (SW)	57 (SW)	76 (S)