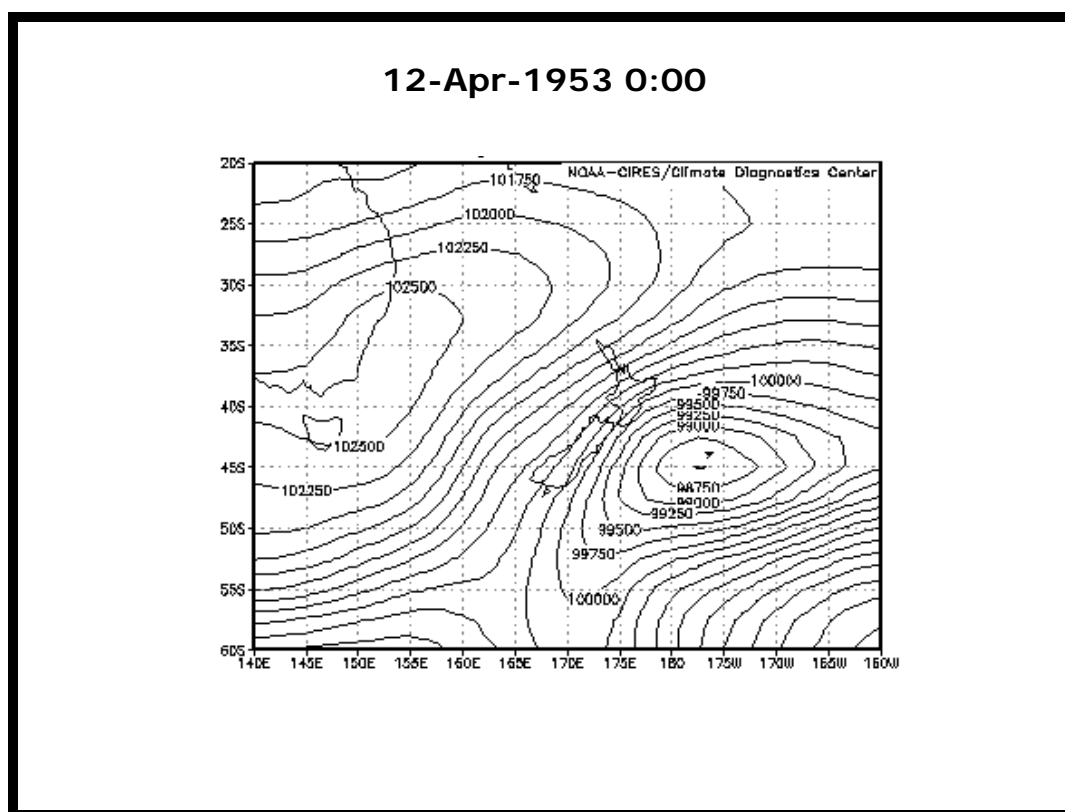


Coastal Storm Database - Event Summary

Date: 11-12 Apr 1953	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): -
Origin: Eastern NZ	Pressure Gradient: SSW to SW
Type: East Coast Secondary Low	



Synoptic Conditions

A secondary cyclone developed SE of Otago coast from a southern ocean trough and on the 10th was over the Chatham Islands and was being followed by a large intenset anticyclone in the Tasman sea. On the 10th and 11th, the cyclone remained over the Chatham Islands while the anticyclone moved eastward and spread a ridge to the NE. Between these two systems a strong SSW to SW airstream was created and swept over eastern NZ. The pressure gradient was most intense over the eastern North Island. The strong SSW to SW flow continued on the 12th as the cyclone remained near the Chathams whilst the Tasman sea anticyclone etched closer to NZ.

Data Source

- 1 Wellington Rocks as Earthquake and Gale Strike: Dominion Post, 13/04/1953, p8
- 2 Midnight Blow in Hawkes Bay District: Dominion Post, 13/04/1953, p8
- 3 Darton Field Readings: Gisborne Herald, 13/04/1953, p4
- 4 Highest Velocity Ever Recorded by Taieri Instruments: Gisborne Herald, 13/04/1953, p4
- 5 'Quake and Gale Strike together in Wellington: Gisborne Herald, 13/04/1953, p4
- 6 Violet South-west Gales Cause Havoc in Canterbury: Gisborne Herald, 13/04/1953, p4