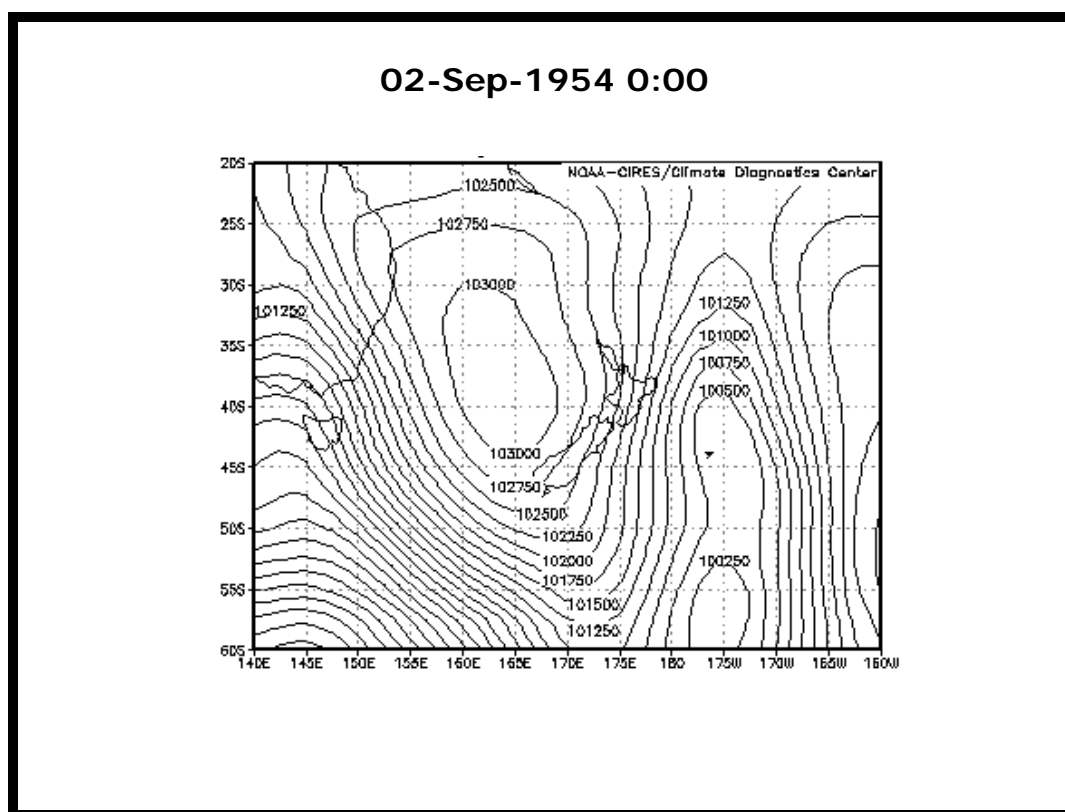


Coastal Storm Database - Event Summary

Date: 1-3 Sep 1954	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): -
Origin: Southern Ocean	Pressure Gradient: S to SSW
Type: Trough	



Synoptic Conditions

A southern ocean cyclone passing to the south extended a large trough northward over NZ and split a large anticyclone that was over NZ into two centres. On the 2nd the trough was over the North Island and Chatham Islands embedded between two large intense anticyclones. This restricted the movement of the trough and with eastward movement of the Tasman sea anticyclone a strong S to SSW airstream swept over the North Island and through Cook Strait. The flow then veered to the SSE on the 2nd and remained strong due to the trough having developed into a closed centre and forced northward while the Tasman sea anticyclone moved southward.

Storm Type Sequence: trough - east coast low

Sea Conditions

High seas off Wellington south coast and along east coast

Impact Area

Gisborne
Wellington

Impacts and Damages

- Highest wind gust of 78 km/hr
- High seas kept coastal vessels port-bound

Data Source

- 1 Weather Bad from Cook Str. To Chathams: Dominion Post, 2/09/1954, p10
- 2 Winds Reach 50m.p.h: Gisborne Herald, 3/09/1954, p8

