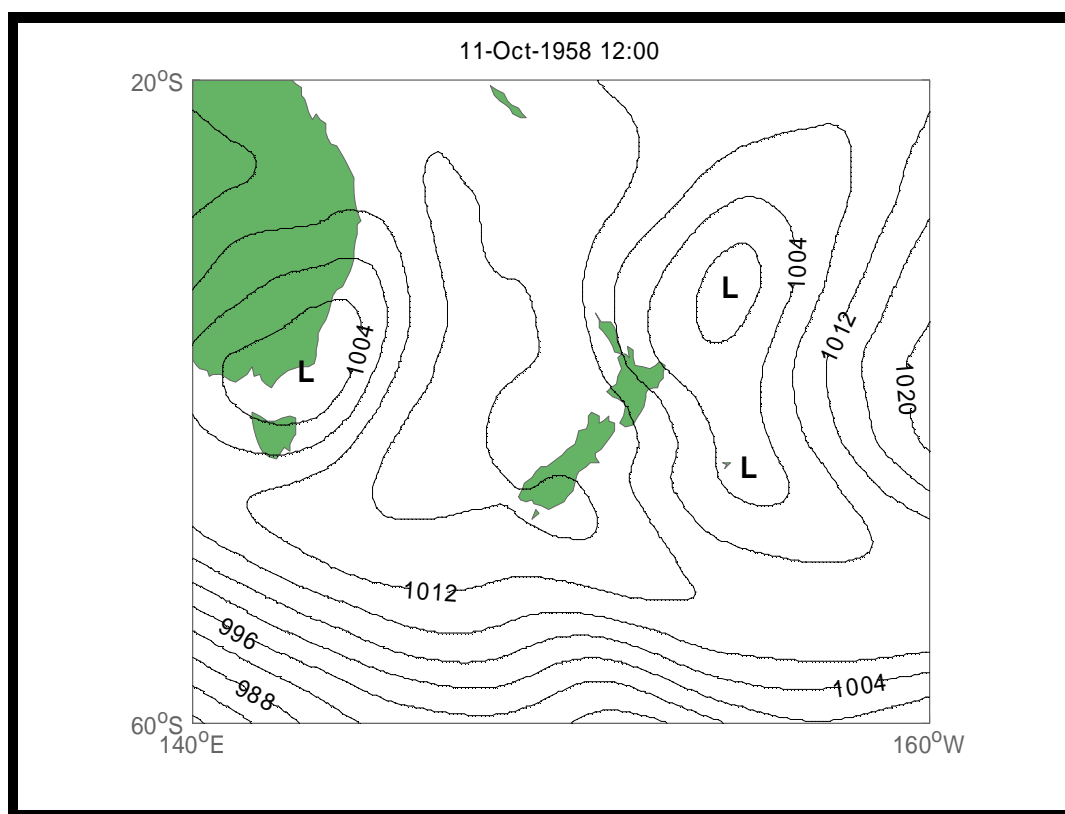


Coastal Storm Database - Event Summary

Date: 11-13 Oct 1958	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Gisborne/Wellington	Wellington Duration (Hours): -
Origin: Eastern NZ	Pressure Gradient: SSE to SE
Type: East Coast Secondary Low	



Synoptic Conditions

A southern ocean trough moved eastward across NZ during which it was flanked by large anticyclones. A closed centre then developed over East Cape and moved northward. On the 11th a strong SSE to SE airstream was created over the eastern North Island between the cyclone and large anticyclone in the Tasman Sea that covered the South Island. This cyclone had moved southeastward and the strong SSE airstream continued to affect the eastern North Island and Cook Strait area and the flow was enhanced by a anticyclone to the south of NZ.

Storm Type Sequence: east coast low - cyclone-anticyclone pair.

Sea Conditions

Big swell in Gisborne and along east coast

Impact Area

Gisborne

East Coast

Wairoa

Impacts and Damages

- During weekend (11-12th) winds averaged around 8-10 m/s
- Welcome rain after long dry period (drought from October 1957 to August 1958)
- Heavy seas in Poverty Bay, estimated at 20ft (6m)
- Heavy seas along the east coast
- Wairoa river overflowed and inundated thousands of hectares of coastal farmlar

Data Source

-
- 1 Water Pours onto Wairoa Farmland: Dominion Post, 14/10/1958, p12
 - 2 Widespread Rain at the Weekend: Evening Post, 13/10/1958, p14
 - 3 Flood Covers Large Area about Wairoa: Evening Post, 13/10/1958, p12
 - 4 First Drought - Now Threat of Flooding: Dominion Post, 13/10/1958, p10
 - 5 Heavy Seas in Poverty Bay: Gisborne Herald, 13/10/1958, p6
 - 6 Rain Comes with Blustery Cold Southerly: Gisborne Herald, 13/10/1958, p6
-