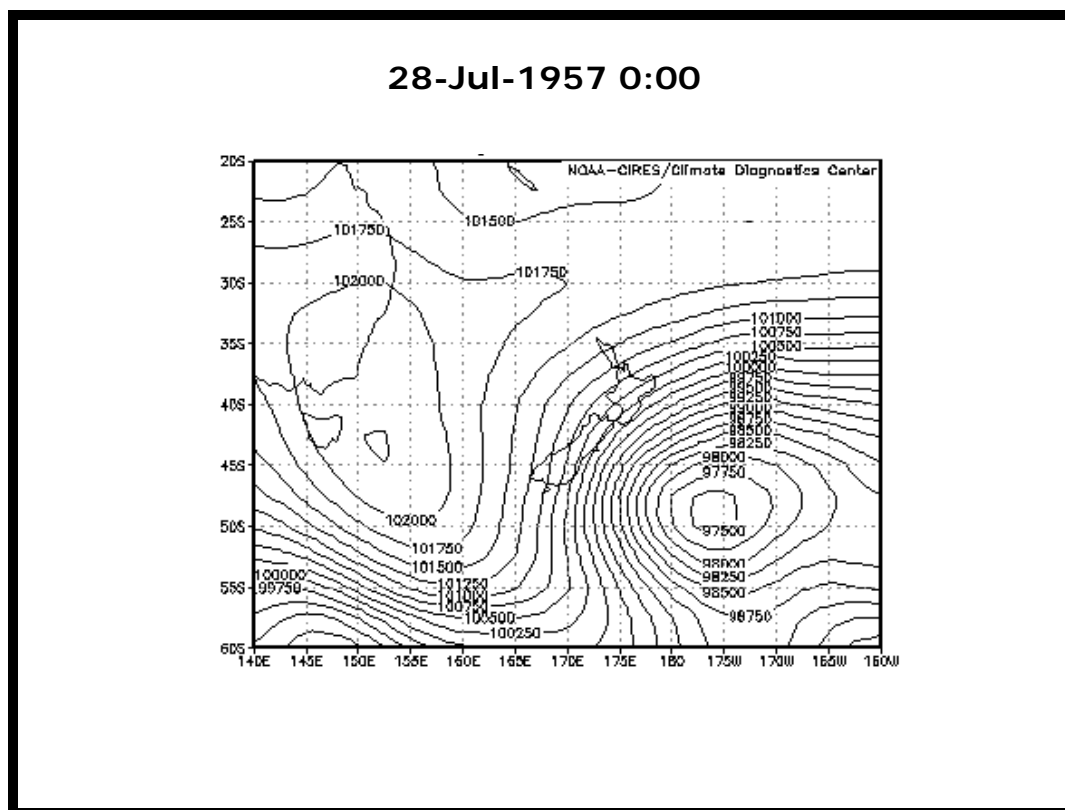


Coastal Storm Database - Event Summary

| | |
|---|-----------------------------------|
| Date: 26-28 Jul 1957 | Wind Direction: |
| Event Type: Wave | Gisborne Duration (Hours): - |
| Location: Gisborne/Napier/Wellington | Wellington Duration (Hours): - |
| Origin: Southern Ocean | Pressure Gradient: S to SW |
| Type: Trough | |



Synoptic Conditions

Southern ocean cyclones and troughs passed over and south of NZ leading up to this event and at the same time that a large anticyclone moved eastward onto southeastern Australia and spread into the Tasman Sea. On the 26th a secondary low from the southern ocean moved northeast-ward and covered NZ in a very intense SW airstream while situated just south of 50S. This strong flow continued through till the 28th and later veered to the south due to the southern ocean cyclone extending a trough westward towards NZ while the Tasman sea anticyclone moved southeast-ward and started to cover NZ.

Sea Conditions

Heavy seas along the East Coast

Impact Area

Gisborne

East Coast

Wairoa

Wellington

East Cape

Impacts and Damages

- Snow in high country around city
- Heavy seas along Wainui Beach reached as far inland as primary foredune, going over protection works (stone-filled oil-drum wall) but no serious erosion
- Telephone lines down north and south from city
- Coastal vessels sheltering along East Coast due to heavy seas
- Very heavy seas off Wairoa coast; waves largest seen for a long time
- Rimutaka hill snowcapped
- Gale-force winds wrecked outbuildings on farms at Te Araroa

Data Source

- 1 Bad Weather Expected in Wellington: Evening Post, 27/07/1957, p14
 - 2 More Snow in Wgtn., S.Island Improves: Gisborne Herald, 29/07/1957, p8
 - 3 High Winds Cut City's Communication: Gisborne Herald, 29/07/1957, p8
 - 4 Heavy Seas at Wairoa: Gisborne Herald, 29/07/1957, p8
 - 5 Coasters Shelter: Gisborne Herald, 29/07/1957, p8
 - 6 Seas Reach to Wainui Dunes: No Scouring: Gisborne Herald, 31/07/1957, p8
 - 7 Widespread Snowfalls during Chilly Night: Dominion Post, 27/07/1957, p12
 - 8 Snow & Gales Cause Week-end Damage: Gisborne Herald, 29/07/1957, p6
 - 9 Worst Storm for Years Strikes Dunedin: Evening Post, 27/07/1957, p14
 - 10 Rain Squalls and Hail Lash East Coast: New Zealand Herald, 30/07/1957, p10
 - 11 Bitterly Cold Winds in Gisborne: Evening Post, 27/07/1957, p14
 - 12 Storm Havoc Over Wide Area of Hawkes Bay: Dominion Post, 29/07/1957, p10
 - 13 Light Snowfall during Chilly Wellington Day: Dominion Post, 29/07/1957, p10
 - 14 Blizzards Halt Ski-ing on Mount Ruapehu: Dominion Post, 29/07/1957, p10
 - 15 Four Ships Shelter Along the Coast: Evening Post, 29/07/1957, p12
 - 16 City Escapes Worst of Weekend Storm: New Zealand Herald, 29/07/1957, p18
 - 17 Hawkes Bay in Track of High Winds: Evening Post, 27/07/1957, p14
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