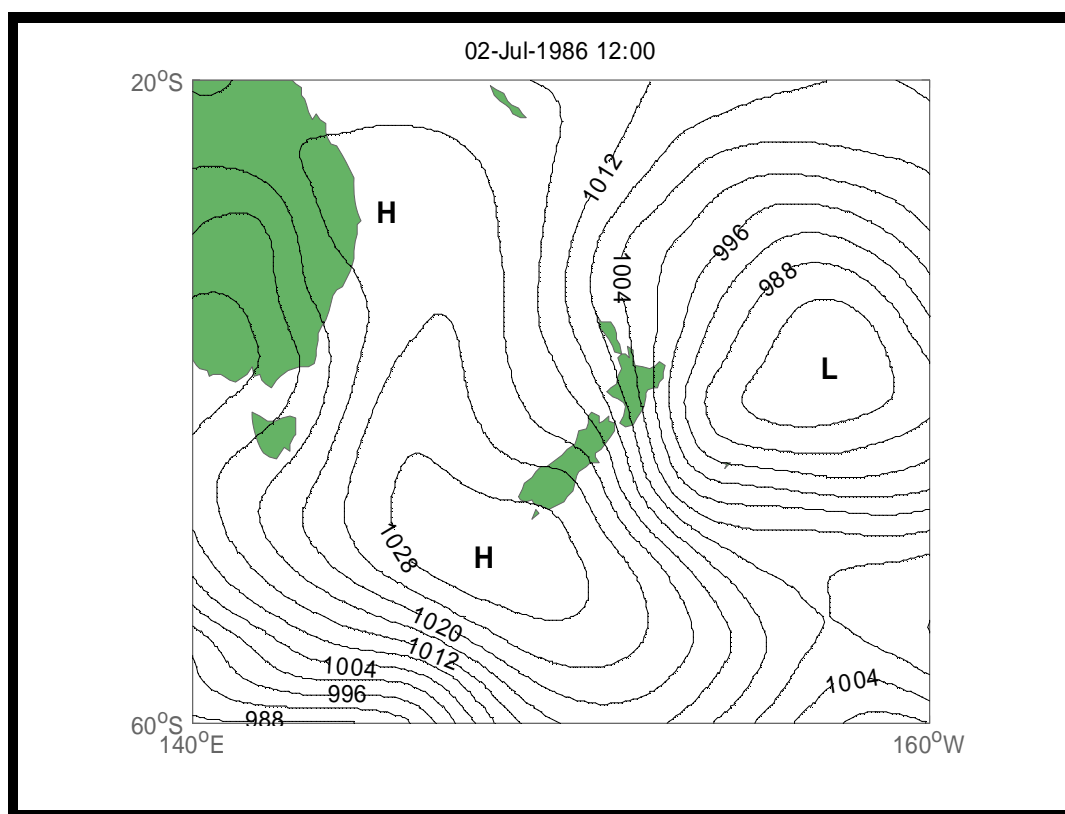


Coastal Storm Database - Event Summary

Date: 1-3 Jul 1986	Wind Direction: S
Event Type: Wind/Wave	Gisborne Duration (Hours): 35
Location: Gisborne/Wellington	Wellington Duration (Hours): 73
Origin: Southern Ocean	Pressure Gradient: S to SSE
Type: East Coast Low	



Synoptic Conditions

A cyclone formed south of the Tasman sea and moved northeast-ward across NZ. On the 1st the cyclone was northeast of East Cape and covered the North Island. At the same time a large intense anticyclone covered most of the Tasman sea. Between these two large systems a very strong southerly airstream swept over eastern NZ. The cyclone became slow-moving off East Cape while the anticyclone rolled underneath it and the strong southerly continued to affect the entire eastern coast through till the 3rd

Sea Conditions

Heavy seas along East Coast

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	6.0	9
Napier	7.1	10
Gisborne	8.3	10

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
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Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
01-Jul-86	57 (SW)	67 (W)	100 (SW)
02-Jul-86	91 (SW)	91 (S)	121 (S)
03-Jul-86	95 (S)	72 (SW)	111 (S)

Impact Area**Impacts and Damages**

Gisborne	<ul style="list-style-type: none">● Heavy seas off Gisborne Coast; waves right over dune and footpath at Grey St reached down to Salisbury Road corner● Roofs lost from houses and garages throughout district● Widespread power outages
Wairoa	<ul style="list-style-type: none">● Widespread surface flooding
Wellington	<ul style="list-style-type: none">● All friendship flights from airport grounded and cancelled● Section of road at southern end of airport closed as waves broke over seawall● Police launch capsized in heavy seas at Port entrance when waves estimated at 6-10m● Cancellation of 10 ferry sailings
North Island	<ul style="list-style-type: none">● Blizzards closed roads throughout North Island

Data Source

- 1 Ships to Set Sail on Calmer Seas: Dominion Post, 4/07/1986, p3
 - 2 Storms Continue to Lash NZ: Dominion Post, 4/07/1986, p3
 - 3 Speedy Lady Elizabeth Helped Hundreds of Rescues: Dominion Post, 3/07/1986, p3
 - 4 No Lifejackets in Storm: Dominion Post, 3/07/1986, p1
 - 5 Howling Winds Disrupt Travel: Dominion Post, 3/07/1986, p3
 - 6 Storm Lashes Wide Area: Gisborne Herald, 4/07/1986, p3
 - 7 Drain Leaves Dairy All at Sea: Gisborne Herald, 4/07/1986, p1
 - 8 District Takes Battering by Rain and Gale: Gisborne Herald, 3/07/1986, p1
 - 9 Raging Storm hits Most of the Country: Evening Post, 3/07/1986, p3
 - 10 Capsize Crew Jacketless: Evening Post, 2/07/1986, p2
 - 11 One Dead in Capsize: One Lost - Storm Rolls Police Launch: Evening Post, 2/07/1986, p1
 - 12 Gale Disrupts Travel: Evening Post, 2/07/1986, p3
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