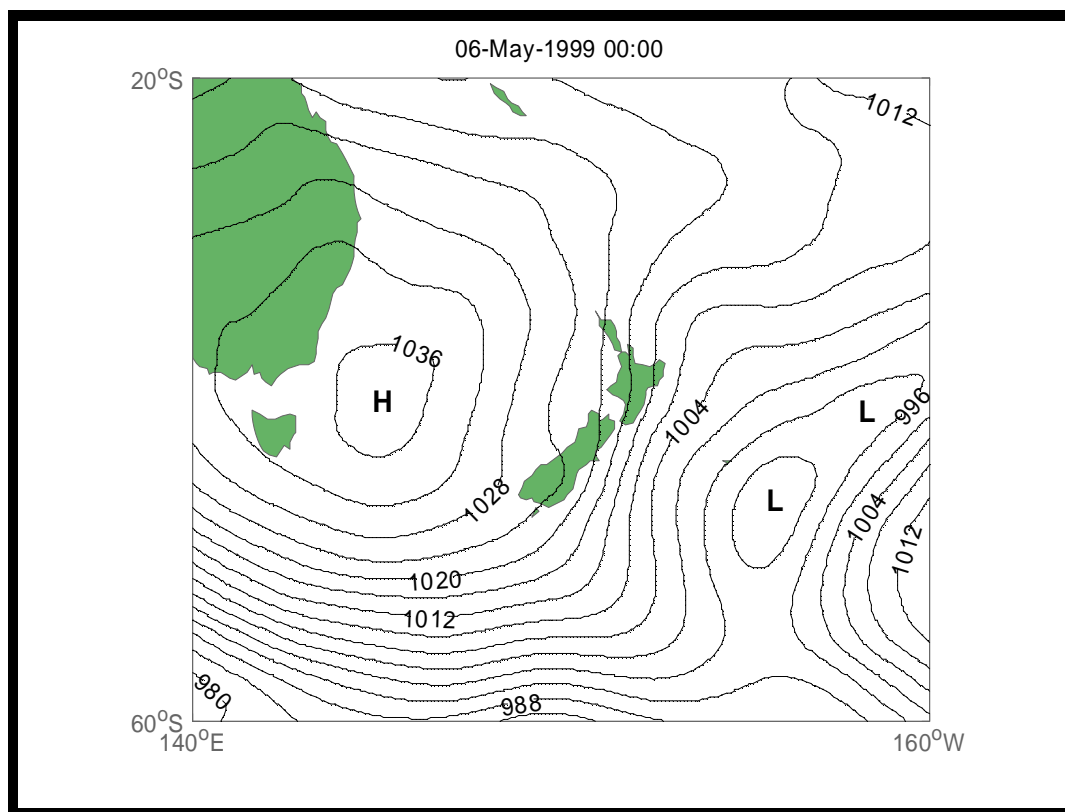


Coastal Storm Database - Event Summary

Date: **5-7 May 1999**
Event Type: **Wind/Wave**
Location: **Wellington**
Origin: **Tasman Sea**
Type: **East Coast Low**

Wind Direction: **S**
Gisborne Duration (Hours): **-**
Wellington Duration (Hours): **50**
Pressure Gradient: **S**



Synoptic Conditions

A large intense anticyclone moved eastward from the Great Australian Bight and whilst in the Tasman sea spread onto NZ. At the same time a Tasman sea anticyclone moved across NZ and onto the Chatham Islands. This eastward movement of the anticyclone collided with a cyclone near the Chatham Islands and generated a strong southerly airstream over NZ. The flow was strongest in the Cook Strait area on the 5th and then moved to the upper North Island on the 6th. The cyclone was slow in moving away and occupied the area east of NZ from the 5th through to 7th.

Sea Conditions

Waves estimated at more than 7m on Wellington South coast

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	12.3	10
*Maximum Wave Height		

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
05-May-99			109 (S)

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
06-May-99			106 (S)
07-May-99			78 (S)

Impact Area

Wellington

Impacts and Damages

- All ferry services cancelled; one ferry turn-around due to >7m swells and winds gusting to 165 km/hr
- Container ship broke free from mooring at Port
- Thunder and lightning

Data Source

- 1 Rough Seas Slow Ferries: Evening Post, 7/05/1999, p3
- 2 Lightning Hits Aircraft During Southerly Storm: Dominion Post, 7/05/1999, p1
- 3 Southerly Blasts Capital: Evening Post, 6/05/1999, p1