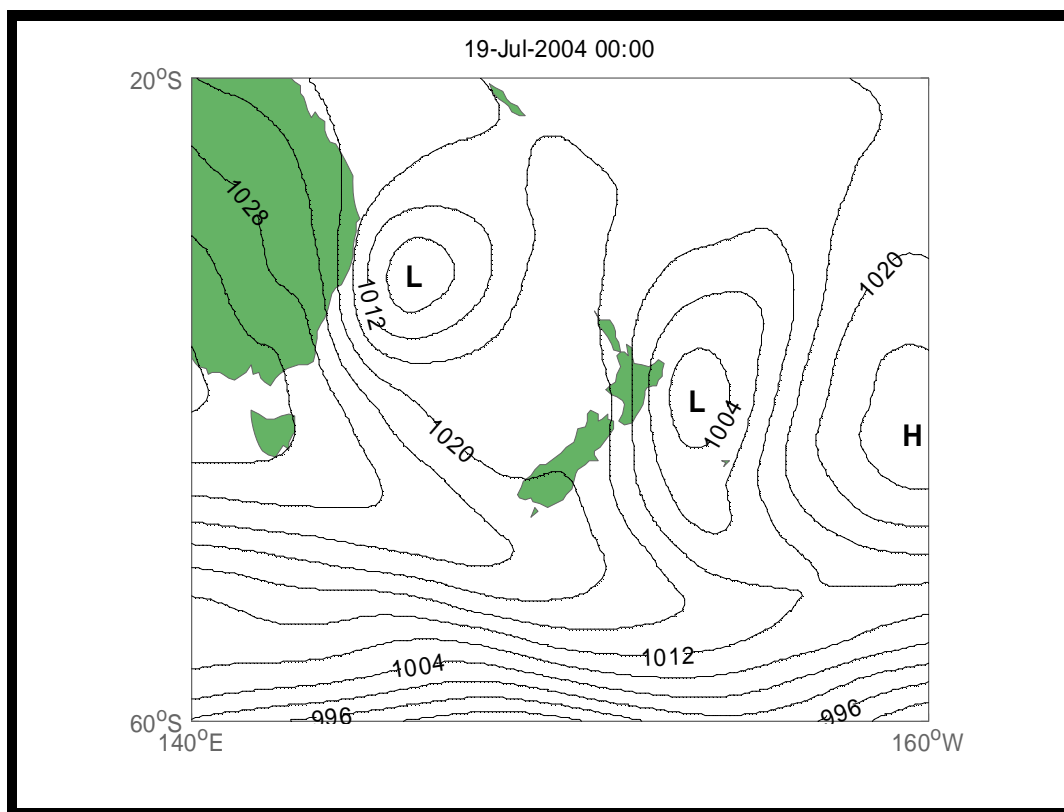


Coastal Storm Database - Event Summary

Date: 18-19 Jul 2004	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 24
Origin: Subtropics	Pressure Gradient: S
Type: East Coast Low	



Synoptic Conditions

A cyclone developed west of New Caledonia from a subtropical trough and moved southward onto NZ. On the 18th this subtropical low was east of Hawkes Bay and had a strong southerly airstream on its western side that swept over the eastern North Island. The pressure gradient was enhanced by a ridge of high pressure stretching southeast-ward from the Great Australia Bight which reached the lower South Island.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	7.3	8
*Maximum Wave Height		

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
18-Jul-04			122 (S)
19-Jul-04			78 (S)