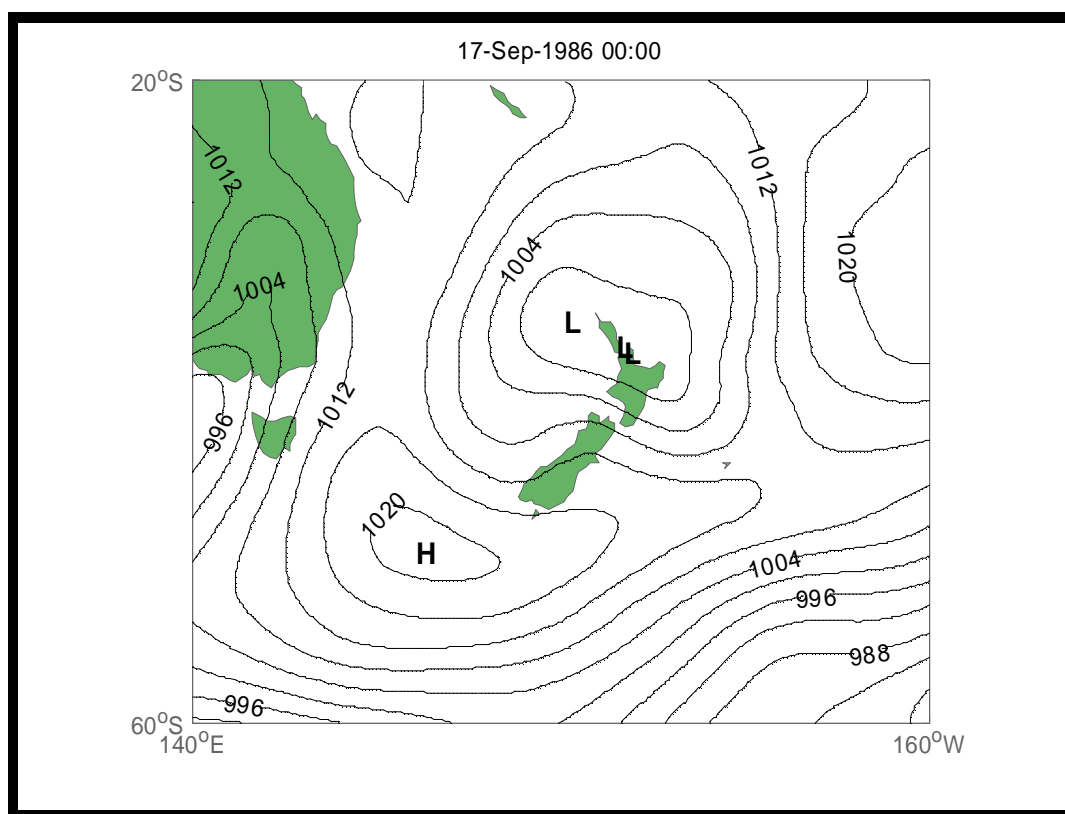


Coastal Storm Database - Event Summary

Date: 16-17 Sep 1986	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Napier/Wellington	Wellington Duration (Hours): 35
Origin: Tasman Sea	Pressure Gradient: E to SE
Type: East Coast Low	



Synoptic Conditions

A cyclone from continental southeastern Australia moved eastward towards NZ. On the 16th this cyclone was west of Northland and completely covered the North Island and an E to ESE airstream on its southern side swept over central NZ. The cyclone then moved eastward and was off the Hawkes Bay coast while an anticyclone covered the South Island. Between these systems the strong SSE flow continued and swept over the lower North Island.

Storm Type Sequence: Tasman sea low - east coast low - cyclone-anticyclone pair

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.9	7
Napier	2.9	7
Gisborne	3.1	7
*Highest Significant Wave Height		

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
16-Sep-86		30 (SW)	93 (S)

Maximum Wind Gusts (kph and dir)

	Date	Gisborne	Napier	Wellington
	17-Sep-86	59 (SW)	61 (SW)	96 (S)

Impact Area	Impacts and Damages
Gisborne	• Old buried tree stumps exposed north of the Wainui Beach surf club
Napier	• Flash flood in Tukituki River valley lead to sheep losses

Data Source

- 1 Sheep Lost in Flash Flood: Dominion Post, 18/09/1986, p4
-