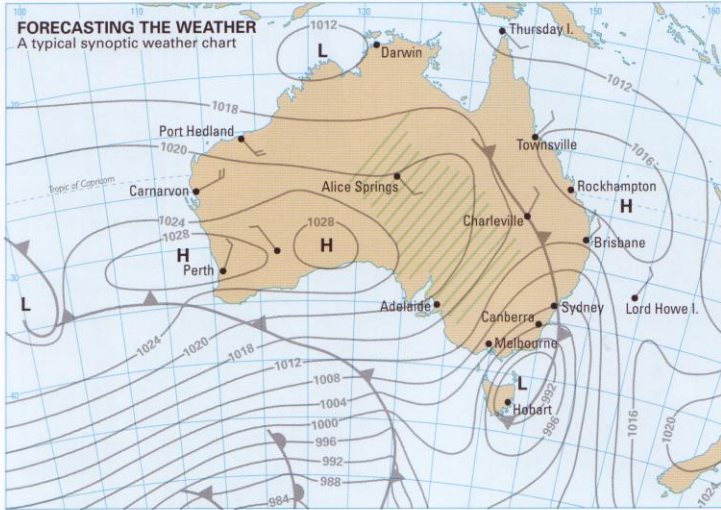


AUSTRALIA WEATHER

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SYNOPTIC CHARTS

Isobars	Wind speeds
—1012— Isobars (pressure in hectopascals)	— 5 knots
H Centre of high pressure	—/ 10 knots
L Centre of low pressure	—/ 15 knots
▲ Cold front	—// 20 knots
◐ Warm front	—// 25 knots (depression)
--- Trough	—// 35 knots (gale or tropical storm)
Rainfall	—// 50 knots (severe storm)
▨ Previous 12 hours	—// 74 knots (hurricane or cyclone)
	—// 105 knots (major hurricane or severe cyclone)

This type of map shows the weather conditions of different areas at a particular time.

The temperature, rainfall, atmospheric pressure, wind speed, wind direction and cloud cover are plotted for each weather station. The pressure values at all the stations are used to draw isobars - lines of equal pressure. These are drawn around depressions (or lows) and anticyclones (or highs). In the southern hemisphere, the winds blow round a depression in a clockwise direction and around an anticyclone in an anticlockwise direction. Cold fronts and warm fronts mark the leading edge of advancing cold and warm air masses.

