



PROJECTED CHANGES



Increase in average temperature

2050

2090

+1.2°C +1.3°C



Increase in hot days per year

+14.8 +15.9



Decrease in cold nights per year

-9.3 -10.6



Increase in severe fire weather days per year

+3.2 +3.5



Low-emissions scenario



Medium-emissions scenario



High-emissions scenario

2050

2090

+1.6°C +2.7°C

2050

2090

+2.0°C +4.0°C

+18.3 +31.7

+23.1 +45.5

-11.9 -19.1

-14.6 -24.1

+3.4 +7.2

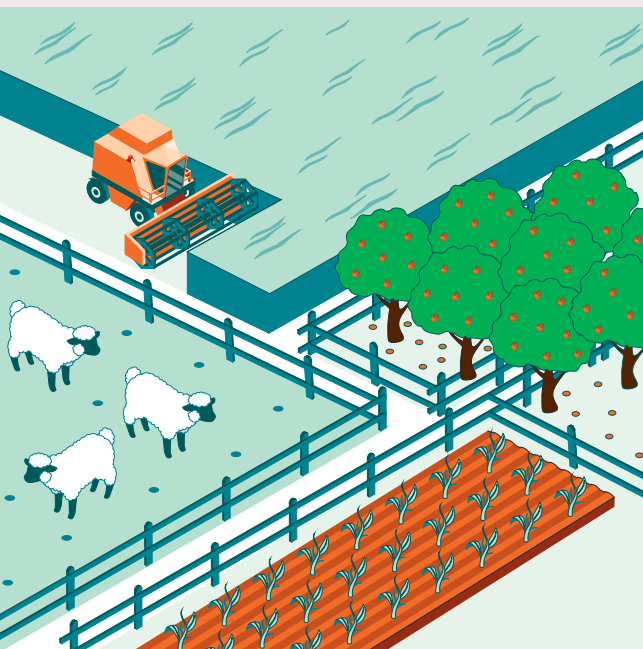
+5.3 +9.4

NSW IMPACTS



Bushland

Increased severe fire weather

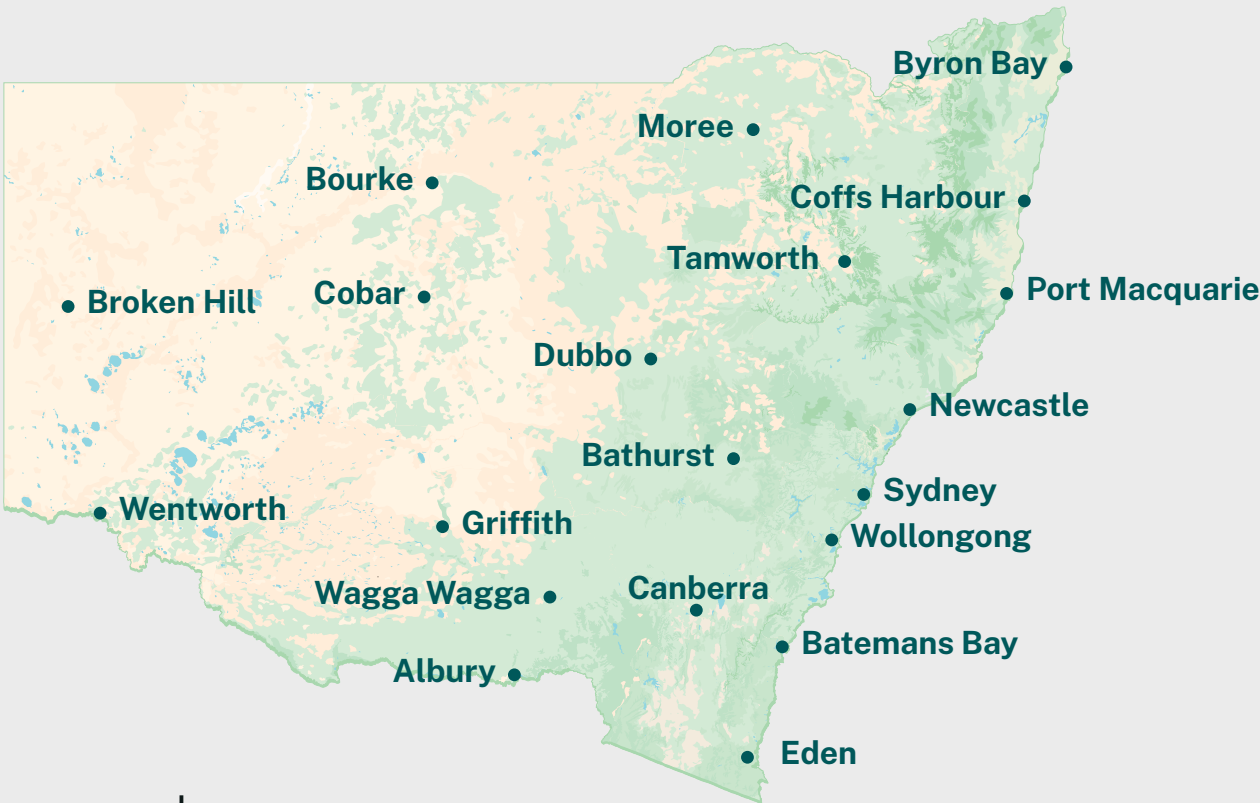


Agriculture

Increased extreme heat

Water supply

Changes to rainfall



Alpine ecosystems

Decrease in cold nights



Data is based on NARClIM2.0 projections for SSP1-2.6 (low-emissions), SSP2-4.5 (medium-emissions) and SSP3-7.0 (high-emissions) and is presented relative to the baseline period of 1990-2009. Values presented are averages across the NARClIM2.0 model ensemble, and do not represent the full range of plausible climate futures. Climate change impacts are used to highlight how NSW is likely to be affected by climate change, and impacts are not limited to the examples provided.