Projected changes
South East and Tablelands

NSW

Low-emissions scenario

Average temperature increase

↑**1.1°C**
2050

↑**1.2°C**
2090

Cold nights per year will decrease by:

16.4 | **19.8**
2050 | 2090

Sea level will rise by:

17cm | **33cm**
2050 | 2090

Severe fire weather days per year will increase by:

0.5 | **0.7**
2050 | 2090
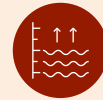
High-emissions scenario

Average temperature increase

↑**1.8°C**
2050

↑**3.6°C**
2090

Cold nights per year will decrease by:
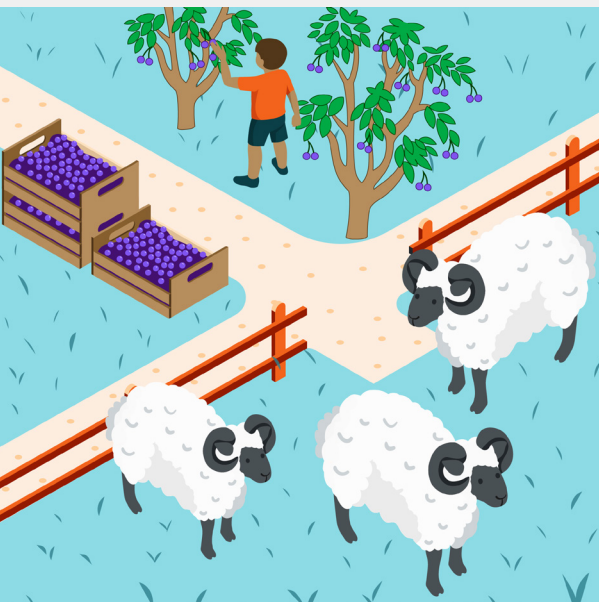
28.0 | **55.2**
2050 | 2090

Sea level will rise by:

21cm | **55cm**
2050 | 2090

Severe fire weather days per year will increase by:

1.2 | **2.4**
2050 | 2090

Regional impacts

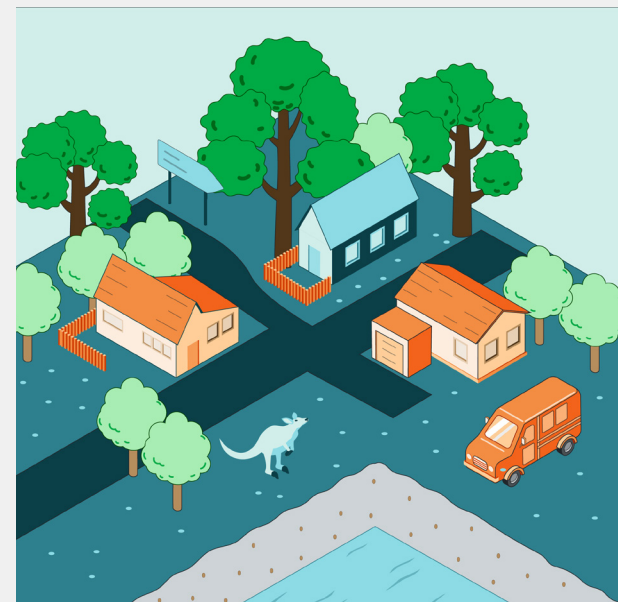**Agriculture**

Increased extreme heat

River headwaters

Changes to rainfall

Young

Moss Vale

Goulburn

Queanbeyan

Batemans Bay

Cooma

Narooma

Jindabyne

Eden
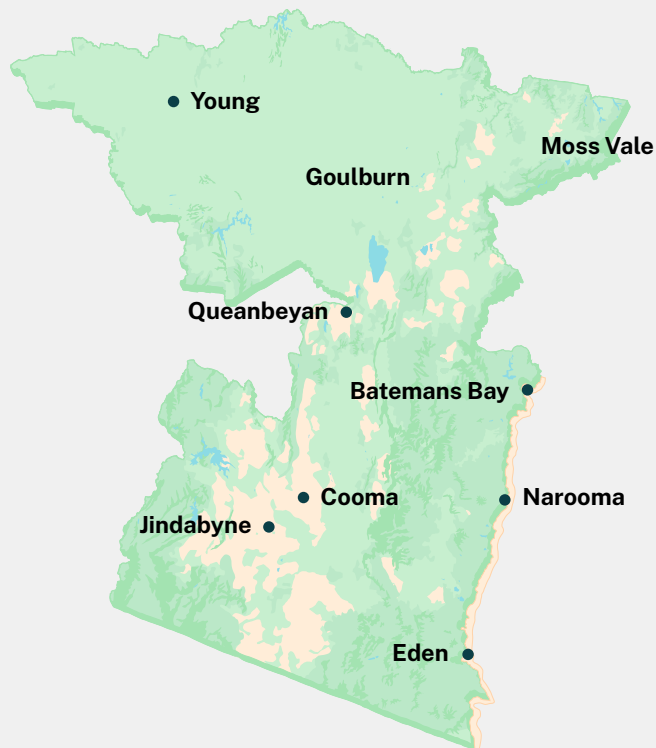
Decrease in cold nights

Increased severe fire weather

Alpine tourism

Isolated small towns

Data is based on NARCliM2.0 (2024) projections for SSP1-2.6 (low-emissions) and SSP3-7.0 (high-emissions) and is presented relative to the historical climate baseline of 1990–2009. The projections for 2050 represent averaged data for 2040–2059 and projections for 2090 represent averaged data for 2080–2099. Values presented are averages across the NARCliM2.0 model ensemble, and do not represent the full range of plausible climate futures. Regional climate change impacts are used to highlight how the region is likely to be affected by climate change, and impacts are not limited to the examples provided. Sea level rise data is from the IPCC's Sixth Assessment Report and is presented relative to a baseline of 1995–2014.