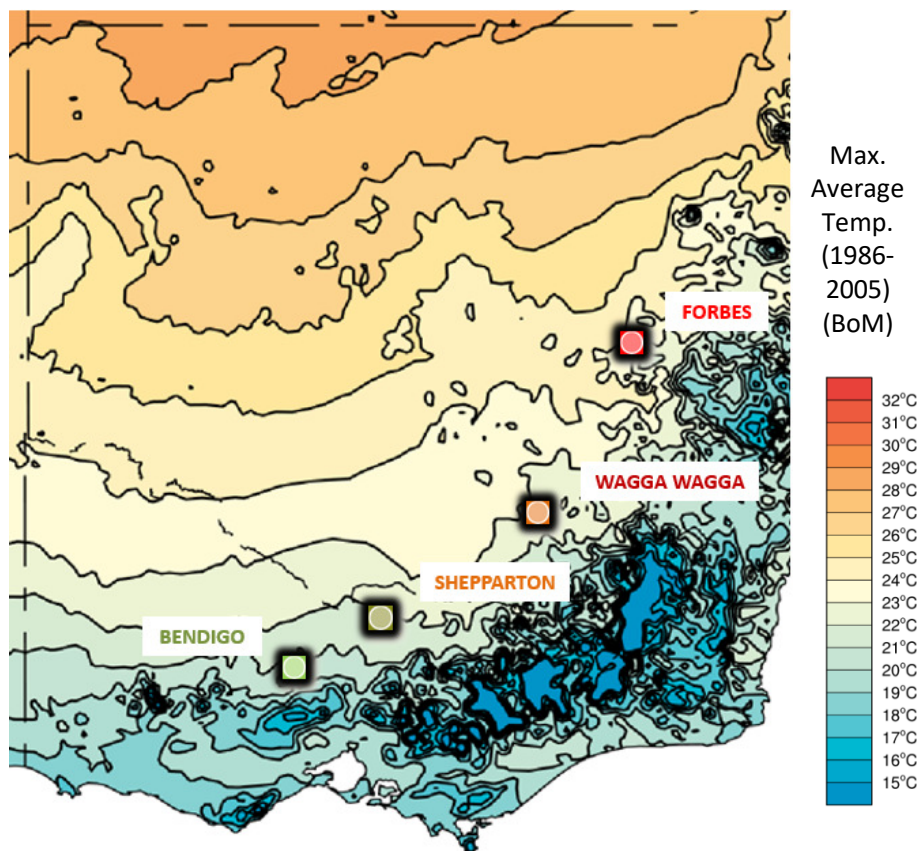




What might Bendigo's climate be like in 2030, 2050 & 2090?



Climate Analogues explore what the future climate would be like for a given location. These analogue localities have been developed using the [Analogues Explorer Tool](#) from the CSIRO's [Climate Change in Australia](#). This tool matches the proposed future climate of a region with the current climate experienced in another region using annual average rainfall and average maximum temperature (within set tolerances). These analogues were developed using the maximum consensus of models (based on [CMIP5](#)) for the high greenhouse gas emissions scenario, ([RCP 8.5](#)). NOTE: These analogues have been further refined to align with projected seasonal changes based on Model CESM1-CAM5 which was selected by John Clarke, CSIRO Climate Science Centre, as the most representative model. This assumes a slight rainfall increase to 2030, later declining across the Murray Basin Region and an average temperature increase of 4.83C⁰ by 2090, based on data from the [Climate Futures Tool](#).

Bendigo - current average maximum temperature and rainfall			2030 – Bendigo climate looks like Shepparton		2050 - Bendigo climate looks like Wagga Wagga.....		2090 – Bendigo climate looks like Forbes.....	
	Season	Bendigo: Current	Bendigo: projected 2030	Shepparton Current	Bendigo: projected 2050	Wagga Wagga Current	Bendigo: projected 2090	Forbes Current
Average max. Temp °C 	Spring	19.9	20.7	21.2	21.9	21.8	25	23.8
	Summer	28.2	29.6	29.4	30	30.9	33.2	32.3
	Autumn	21	22.1	22.1	22.9	23	25.6	24.3
	Winter	13	14.5	14.0	15.1	14.0	17.8	15.5
	Annual	20.5	21.7	21.7	22.5	22.4	25.3	23.9
	Average Rainfall (mm) 	Spring	146	150	129	135	143	124
Summer		99	98	99	105	113	98	137
Autumn		108	121	101	101	121	117	124
Winter		178	167	145	165	151	157	134
Annual		530	539	474	512	528	501	537