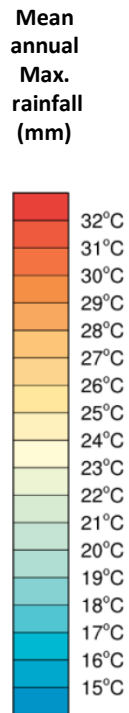
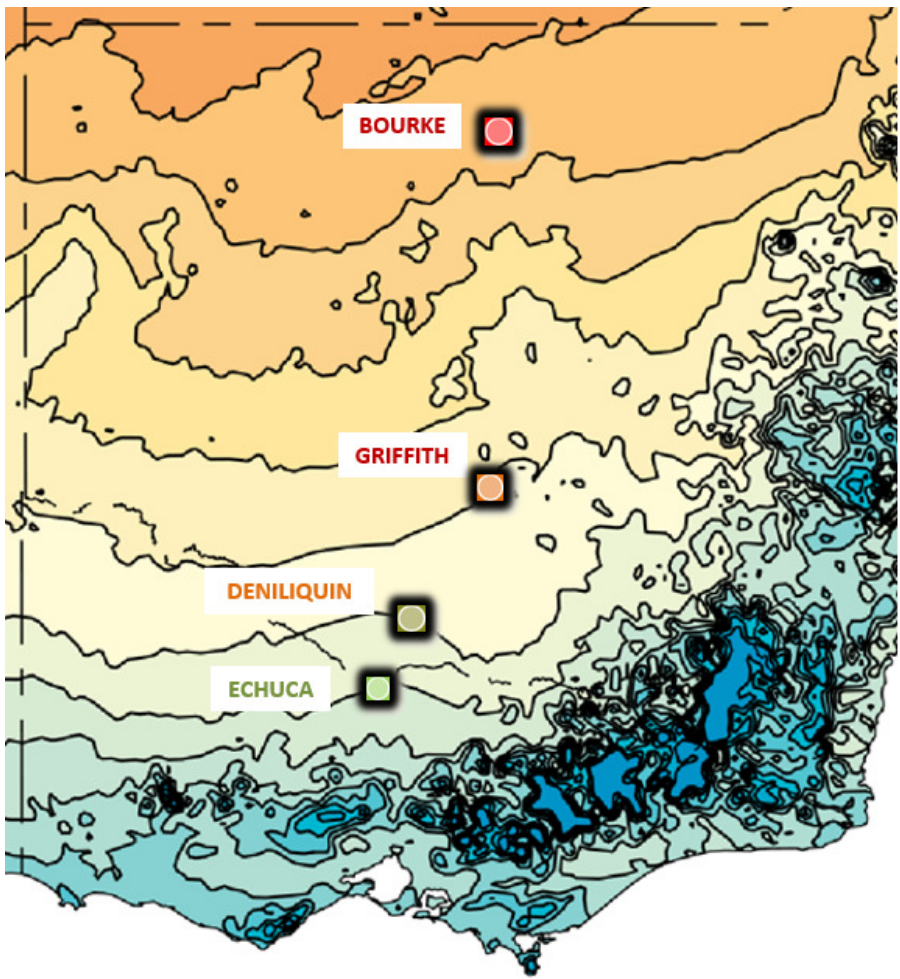




What might Echuca's climate be like in 2030, 2050 & 2090?



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](#).

Echuca - current average temperature and rainfall		2030 – Echuca climate looks like Deniliquin		2050 - Echuca climate looks like Griffith.....		2090 – Echuca climate looks like Bourke.....		
	Season	Echuca: Current	Echuca: projected 2030	Deniliquin (NSW) Current	Echuca: projected 2050	Griffith (NSW) Current	Echuca: projected 2090	Bourke (NSW) Current
Average Max Temp °C 	Spring	21.9	22.7	22.8	23.9	23.5	27	28.2
	Summer	30.1	31.5	31.1	31.9	31.6	35.1	35.4
	Autumn	22.7	23.8	23.3	24.7	23.8	27.3	27.1
	Winter	14.5	16	15.1	16.6	15.5	19.3	19.1
	Annual	22.3	23.5	23.1	24.3	23.6	27.1	27.5
	Average Rainfall mm 	Spring	115	118	104	106	105	97
Summer		82	82	81	85	91	82	115
Autumn		87	97	81	82	96	94	120
Winter		122	114	107	113	107	108	71
Annual		406	411	373	392	400	384	397