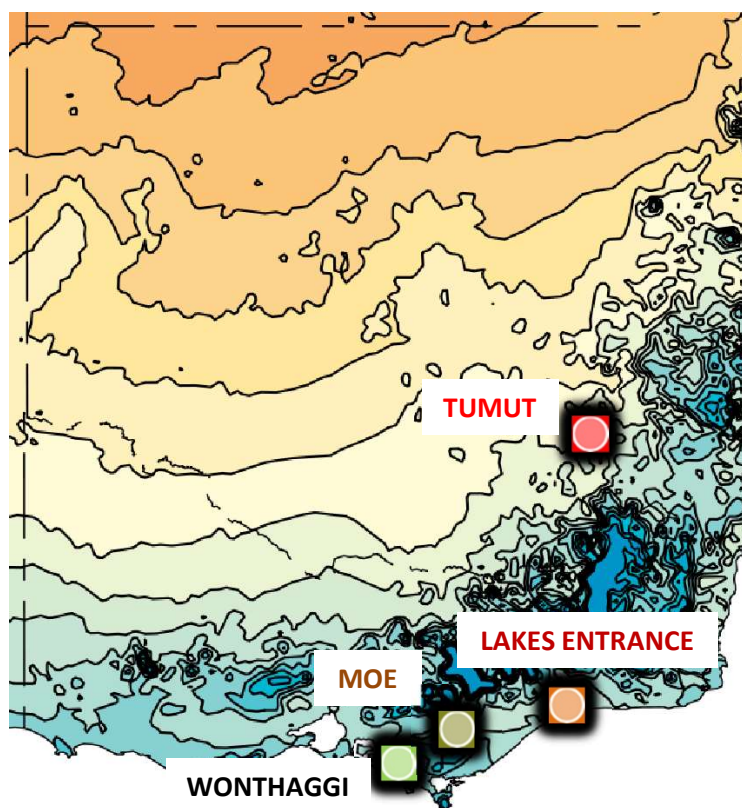


# What might Wonthaggi's climate be like in 2030, 2050 & 2090?



Climate Analogues explore what the future climate could 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 average annual rainfall and average annual maximum temperature (within set tolerances). They 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 GFDL-CM3 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 Southern Slopes Region and an average temperature increase of 3.18°C by 2090, based on data from the [Climate Futures Tool](#). NOTE: The analogue towns selected for Wonthaggi are focussed primarily around projected temperature change rather than projected rainfall.

Current Wonthaggi average temperature and rainfall		2030 Wonthaggi climate looks like Moe			2050 Wonthaggi climate looks like Lakes Entrance		2090 Wonthaggi climate looks like Tumut	
	Season	Wonthaggi Current	Wonthaggi Projected 2030	Moe Current	Wonthaggi Projected 2050	Lakes Entrance Current	Wonthaggi Projected 2090	Tumut Current
Mean Max. Temp °C	Spring	17.9	18.6	18.7	19.2	19.3	21.2	21.6
	Summer	23.2	24	25	25	23.9	26.6	30.1
	Autumn	19.5	20	19.9	21	20.2	22.9	22.7
	Winter	14	14.5	13.8	15.2	15.3	16.7	14.1
	Annual	18.6	19.2	19.4	20	19.7	21.8	22.1
Mean Rain fall (mm)	Spring	242	252	255	239	207	201	213
	Summer	152	159	172	143	177	135	156
	Autumn	205	205	184	211	187	192	156
	Winter	284	279	228	295	176	261	246
	Annual	884	900	838	887	747	796	772