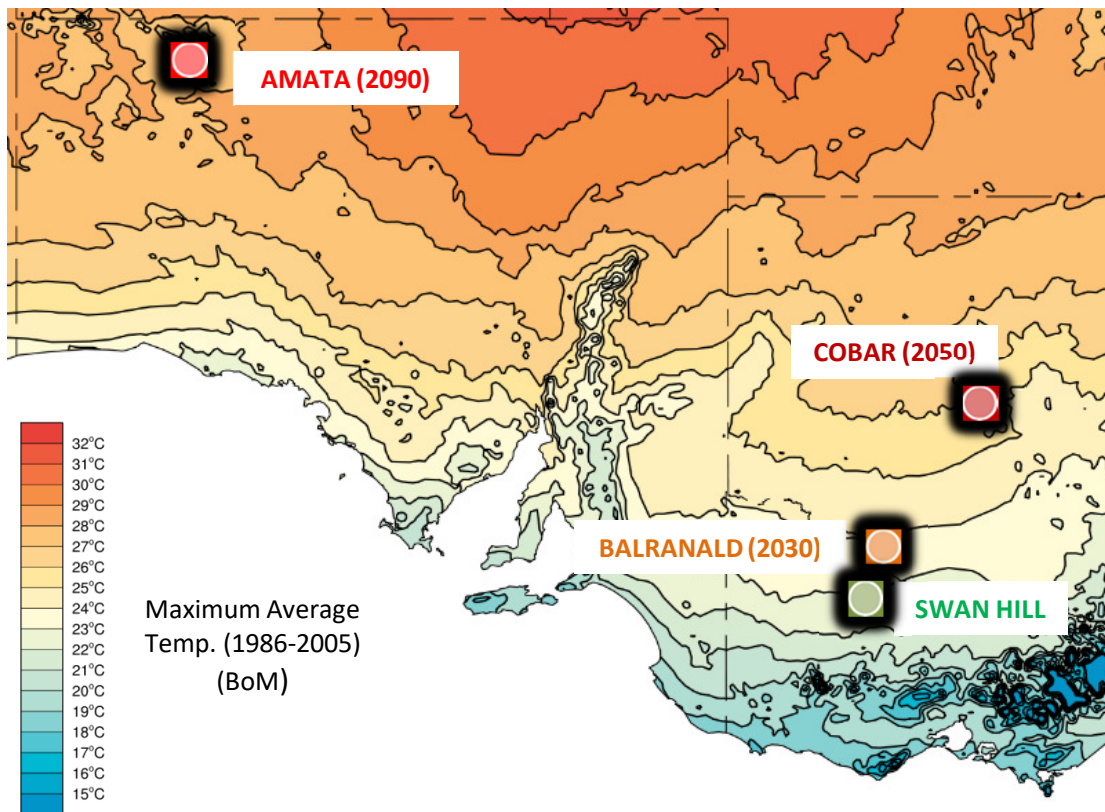


What might Swan Hill's climate be like in 2030, 2050 & 2090?



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 4.83°C by 2090, based on data from the [Climate Futures Tool](#).

Swan Hill - current average maximum temperature and rainfall		2030 – Swan Hill climate looks like Balranald (NSW)		2050 – Swan Hill climate looks like Cobar (NSW).....		2090 - Swan Hill climate looks like Amata (SA)		
	Season	Swan Hill: Current	Swan Hill: projected 2030	Balranald: Current	Swan Hill: projected 2050	Cobar: Current	Swan Hill: projected 2090	Amata: Current
Average Max Temp °C 	Spring	23.1	23.9	24.2	25.1	25.9	28.2	29.2
	Summer	31	32.4	32	32.8	33.6	36	35.2
	Autumn	23.3	24.4	24.3	25.3	25.2	28.9	27.1
	Winter	15.4	16.9	16.4	17.5	16.9	20.2	19.2
	Annual	23.2	24.4	24.2	25.2	25.4	28	27.7
Average Rainfall mm 	Spring	98	100	90	91	92	83	62
	Summer	74	70	74	77	109	74	97
	Autumn	69	77	69	65	95	75	76
	Winter	97	91	88	90	81	86	43
	Annual	337	343	321	325	377	318	278