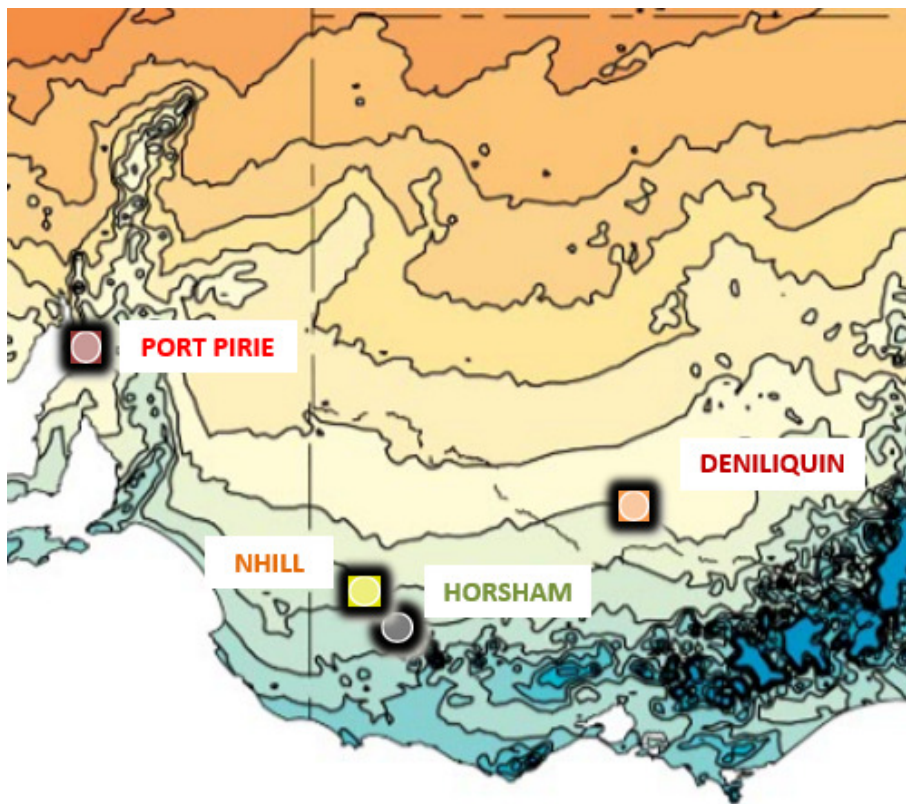
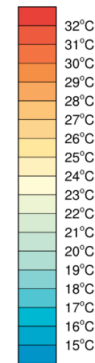




# What might Horsham's climate be like in 2030, 2050 & 2090?



Mean annual Max. temp °C



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 mean max. annual 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 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](#).

Horsham - current average maximum temperature and average annual rainfall			2030 – Horsham climate looks like Nhill.....		2050 - Horsham climate looks like Deniliquin.....		2090 – Horsham climate looks like Port Pirie.....	
	Season	Horsham: Current	Horsham: projected 2030	Nhill Current	Horsham: projected 2050	Deniliquin (NSW) Current	Horsham: projected 2090	Port Pirie (SA) Current
Average Max. Temp °C 	Spring	20.6	21.4	21.2	23.6	22.8	25.7	24.4
	Summer	28.8	30.2	29.3	30.6	31.1	33.8	31.4
	Autumn	21.6	22.7	22.2	23.6	23.3	26.2	24.9
	Winter	14.0	15.5	14.5	16.1	15.1	18.8	17.5
	Annual	21.2	22.4	21.8	23.2	23.1	26.0	24.6
	Average Annual Rainfall mm 	Spring	123	126	115	114	104	104
Summer		76	76	71	82	80	76	58
Autumn		79	89	76	74	81	86	67
Winter		147	138	140	137	107	130	107
Annual		425	433	402	411	373	402	337