QPRC Climate Change Projections



Average Maximum Temperature



2030

Maximum daily temperatures on average throughout the year are projected to increase by 0.8°C

2050

Low Emissions Scenario

Maximum daily temperatures on average throughout the year are projected to increase by 1.2°C

High Emissions Scenario

Maximum daily temperatures on average throughout the year are projected to increase by 2.0°C

2070

Low Emissions Scenario

Maximum daily temperatures on average throughout the year are projected to increase by 1.3°C

High Emissions Scenario

Maximum daily temperatures on average throughout the year are projected to increase by 2.7°C





Average Minimum Temperature



2030

Minimum daily temperatures on average throughout the year are projected to increase by 0.6°C

2050

Low Emissions Scenario

Minimum daily temperatures on average throughout the year are projected to increase by 1.0°C

High Emissions Scenario

Minimum daily temperatures on average throughout the year are projected to increase by 1.7°C

2070

Low Emissions Scenario

Minimum daily temperatures on average throughout the year are projected to increase by 1.1°C

High Emissions Scenario

Minimum daily temperatures on average throughout the year are projected to increase by 2.5°C



Average Rainfall



2030

Annual rainfall is expected to decrease by 6.6%

2050

Low Emissions Scenario

Annual rainfall is expected to decrease by 7.7%

High Emissions Scenario

Annual rainfall is expected to decrease by 14.4%

2070

Low Emissions Scenario

Annual rainfall is expected to decrease by 10.1%

High Emissions Scenario

Annual rainfall is expected to decrease by 10.8%



Increase in Hot Days (above 35°C)



2030

The number of days in a year reaching 35°C is expected to increase by 2.3 days

2050

Low Emissions Scenario

The number of days in a year reaching 35°C is expected to increase by 3.9 days

High Emissions Scenario

The number of days in a year reaching 35°C is expected to increase by 7.0 days

2070

Low Emissions Scenario

The number of days in a year reaching 35°C is expected to increase by 4.5 days

High Emissions Scenario

The number of days in a year reaching 35°C is expected to increase by 10.5 days



